ANEJO 3.1: CÁLCULO ESTRUCTURAL. ESTRUCTURA PRINCIPAL

Índice de contenido

Índice de Tablas

1. Objeto

El objeto de este documento es presentar, de una manera articulada, los condicionantes, consideraciones, y resultados del cálculo de la estructura. Todo ello se expone y desarrolla en los siguientes apartados de este documento. Cabe mencionar que el anejo de cálculo, por considerarse conveniente, se divide en tres partes. En la primera de ellas se desarrolla trata el diseño y cálculo de la estructura de madera, correspondiendo las partes dos y tres al cálculo de uniones y al cálculo de la cimentación.

2. Bases de cálculo

Se listan en primer lugar las normativas empleadas en el diseño y cálculo de la estructura. Se lista en esta sección solo aquellas relativas al cálculo para elementos de madera. En los Anejos 2.2 y 2.3 se listan las normativas empleadas en elementos de acero y en elementos de hormigón.

- UNE EN 1990:2019
- CTE DB-SE-AE.
- CTE DB-SE-M
- DB-SI
- NCSE-02
- AN/UNE-EN 1991-1-4.
- EN 1995-1-1:2004/A2:2014.
- EN 1995-1-1:2004 + AC:2006 + A2:2014. Part 1-1: General – Common rules and rules for buildings.
- EN 1995-1-2:2004 + AC:2006. Part 1-2: General – Structural fire design
- EN 14080:2013-08. Timber structures – Glued laminated timber and solid timber – Requirements.
- EN 338:2009-10. Structural timber – Strength classes.

Se especifica ahora la vida útil de la estructura. Para ello se emplea la tabla 2.1 del EN 1990 (tabla 1), donde se indica el valor de la misma y una categoría en función del tipo de estructura de que se trate. Por el tipo de construcción del que se trata, se le asigna una vida útil de 50 años, correspondiente a una categoría 4.

Design working life category	Indicative design working life (years)	Examples
1	10	Temporary structures (1)
2	10 to 25	Replaceable structural parts, e.g. gantry girders, bearings
3	15 to 30	Agricultural and similar structures
4	50	Building structures and other common structures
5	100	Monumental building structures, bridges, and other civil engineering structures
(1) *Structures or parts of structures that can be dismantled with a view to being re-used should* not be considered as temporary.		

Tabla 1. Periodo de vida útil en función del tipo de estructura. Fuente: EN1990.

La clase de uso para la madera se determina de acuerdo al apartado 3.2.1.2 del CTE DB-SE-M. De acuerdo a la definición proporcionada para cada clase de uso en este apartado, se considera que la que mejor se ajusta a la estructura, teniendo en cuenta su geometría y el lugar en el que se ubica, es la clase 2. Se descarta la asignación de la clase 1 ya que ésta es habitual para elementos de madera, como vigas, que queden a cubierto en el interior de la estructura, poseyendo la estructura objeto de este trabajo elementos que quedan en el exterior, como los voladizos. De acuerdo a la clase de uso

asignada, y empleando la tabla 3.1 del CTE DB-SE-M, se asigna un nivel de protección NP1 a los elementos de madera (tratamiento superficial de las caras).

3. Materiales estructurales

Este apartado describe los diferentes tipos de madera empleadas en los elementos estructurales. Se proporcionan las características de cada uno de ellos en las tablas 2, 3 y 4.

— Madera laminada GL24h

Parámetro	Valor	Uds
Módulo de elasticidad E	1150	kN/cm²
Módulo de cortante G	65	kN/cm²
Coeficiente de Poisson n	7,846	
Peso específico γ	4,2	kN/m³
Coeficiente de expansión térmica α	5,00E-06	1º/C
Coeficiente de seguridad γM	1,25	

Tabla 2. Propiedades de la madera laminada GL24h.

— Madera Azobe (Hardwood timber D70)

Parámetro	Valor	Uds
Módulo de elasticidad E	2000	kN/cm²
Módulo de cortante G	125	kN/cm²
Coeficiente de Poisson n	7	
Peso específico γ	9,6	kN/m³
Coeficiente de expansión térmica α	5,00E-06	1º/C
Coeficiente de seguridad γM	1,30	

Tabla 3. Propiedades de la madera de Azobe.

— Madera maciza C27 (softwood timber C27)

Parámetro	Valor	Uds
Módulo de elasticidad E	1150	kN/cm²
Módulo de cortante G	72	kN/cm²
Coeficiente de Poisson n	6,986	
Peso específico γ	4,30	kN/m³
Coeficiente de expansión térmica α	5,00E-06	1º/C
Coeficiente de seguridad γM	1,30	

Tabla 4. Propiedades de la madera maciza C27.

4. Acciones de cálculo

Se definen en este apartado las acciones de cálculo empleadas.

Las **acciones permanentes** tienen en cuenta el peso de los elementos que componen la estructura. En función del tipo de elemento del que se trate se pueden dividir en dos grupos, siendo estos el **peso propio** de los elementos estructurales, que en el modelo de cálculo viene incluido en el propio elemento, o pueden tratarse de **cargas muertas**, entendiéndose éstas como cargas permanentes sobre la estructura que no forman parte de los elementos tipo barra (vigas y pilares) de la estructura. Se incluyen en las cargas

muertas los pesos correspondientes a cerramientos (tableros) y a instalaciones permanentes (paneles solares en cubierta). Estas acciones se definieron previamente en apartado 6 “Acciones”, del Anejo 1 de este trabajo. En el caso de la cubierta, generada mediante panel OSB, de 180 mm totales de espesor y sistema de soporte auxiliar, se establece una carga muerta de 0,2065 kN/m². La carga superficial asociada a los paneles solares instalados sobre la estructura es de 0,06 kN/m², tratándose de un panel ligero.

Se consideran 3 tipos de **acciones variables**. La primera de ellas es la sobrecarga de uso, cuyo valor puede obtenerse de la tabla 3.1 del CTE DB-SE-AE, mostrados en la tabla 5. La sobrecarga de uso asociada a la cubierta de la estructura corresponde a una categoría de uso G (Cubiertas accesibles únicamente para conservación), subcategoría de uso G1 cubiertas ligeras sobre correas (sin forjado), para la cual se establece una carga uniforme de 0,4 kN/m².

Categoría de uso		Subcategorías de uso		Carga uniforme [kN/m²]	Carga concentrada [kN]
A	Zonas residenciales	A1	Viviendas y zonas de habitaciones en, hospitales y hoteles	2	2
		A2	Trasteros	3	2
B	Zonas administrativas			2	2
C	Zonas de acceso al público (con la excepción de las superficies pertenecientes a las categorías A, B, y D)	C1	Zonas con mesas y sillas	3	4
		C2	Zonas con asientos fijos	4	4
		C3	Zonas sin obstáculos que impidan el libre movimiento de las personas como vestíbulos de edificios públicos, administrativos, hoteles; salas de exposición en museos; etc.	5	4
		C4	Zonas destinadas a gimnasio u actividades físicas	5	7
		C5	Zonas de aglomeración (salas de conciertos, estadios, etc)	5	4
D	Zonas comerciales	D1	Locales comerciales	5	4
		D2	Supermercados, hipermercados o grandes superficies	5	7
E	Zonas de tráfico y de aparcamiento para vehículos ligeros (peso total < 30 kN)			2	20 (1)
F	Cubiertas transitables accesibles sólo privadamente (2)			1	2
G	Cubiertas accesibles únicamente para conservación (3)	G1(7)	Cubiertas con inclinación inferior a 20º	1(4) (6)	2
			Cubiertas ligeras sobre correas (sin forjado) (5)	0,4(4)	1
		G2	Cubiertas con inclinación superior a 40º	0	2

Tabla 5. Valores característicos de la sobrecarga de uso. Fuente: CTE DB-SE-AE.

La **carga de nieve** actuante sobre la estructura se obtiene a partir del Anejo E del CTE DB-SE-AE. Para la ciudad de Murcia, la altitud es aproximadamente de unos 40 m, y se encuentra incluida en una zona de clima invernal 6. Conocida la altitud y la zona climática, se determina una carga de nieve de 0,2 kN/m². La tabla 6 muestra las sobrecargas de nieve según la zona de clima invernal.

Altitud (m)	Zona de clima invernal, (según figura E.2)						
	1	2	3	4	5	6	7
0	0,3	0,4	0,2	0,2	0,2	0,2	0,2
200	0,5	0,5	0,2	0,2	0,3	0,2	0,2
400	0,6	0,6	0,2	0,3	0,4	0,2	0,2
500	0,7	0,7	0,3	0,4	0,4	0,3	0,2
600	0,9	0,9	0,3	0,5	0,5	0,4	0,2
700	1,0	1,0	0,4	0,6	0,6	0,5	0,2
800	1,2	1,1	0,5	0,8	0,7	0,7	0,2
900	1,4	1,3	0,6	1,0	0,8	0,9	0,2
1.000	1,7	1,5	0,7	1,2	0,9	1,2	0,2
1.200	2,3	2,0	1,1	1,9	1,3	2,0	0,2
1.400	3,2	2,6	1,7	3,0	1,8	3,3	0,2
1.600	4,3	3,5	2,6	4,6	2,5	5,5	0,2
1.800	-	4,6	4,0	-	-	9,3	0,2
2.200	-	8,0	-	-	-	-	-

Tabla 6. Sobrecarga de nieve en un terreno horizontal (kN/m²). Fuente: CTE DB-SE-AE.

Para la determinación de las **acciones de viento** sobre la estructura se emplea el CTE-DB-SE-AE. Al lugar donde se ubica la estructura le corresponde una zona de viento B. Estas zonas se muestran en la figura 1, correspondiente a la figura D.1 del Anejo D de la mencionada normativa. El valor básico de la velocidad del viento para esta zona es de v_b = 27 m/s. La presión dinámica tiene un valor de 0,45 kN/m². El valor básico de la

presión dinámica puede obtenerse a partir de la siguiente expresión, donde el parámetro δ es la densidad del aire, cuyo valor habitual es de 1,25 kg/m³.

$$q_b = 0{,}5 \cdot \delta \cdot v_b^2 = 0{,}5 \cdot 1{,}25 \cdot 27^2 = 455{,}62 \frac{kg}{ms^2} = 0{,}455 \frac{kN}{m^2}$$

Figura 1. Mapa de zonas eólicas y velocidades básicas (m/s). Fuente: CTE DB SE-AE.

El tipo de entorno considerado es el IV. La tabla 7, que se corresponde con la tabla D.2 del CTE-DB-SE-AE muestra las descripciones correspondientes a cada tipo de entorno.

	Grado de aspereza del entorno	Parámetro		
		k	L (m)	Z (m)
I	Borde del mar o de un lago, con una superficie de agua en la dirección del viento de al menos 5 km de longitud	0,156	0,003	1,0
II	Terreno rural llano sin obstáculos ni arbolado de importancia	0,17	0,01	1,0
III	Zona rural accidentada o llana con algunos obstáculos aislados, como árboles o construcciones pequeñas	0,19	0,05	2,0
IV	Zona urbana en general, industrial o forestal	0,22	0,3	5,0
V	Centro de negocios de grandes ciudades, con profusión de edificios en altura	0,24	1,0	10,0

Tabla 7. Coeficientes para tipo de entorno. Fuente: CTE DB-SE-AE.

En el cálculo se considera una cubierta a dos aguas. La figura 2 muestra las zonas de presión de viento de la cubierta, pertenecientes a la tabla D.6 del Anejo 6 del CTE-DB-SE-AE.

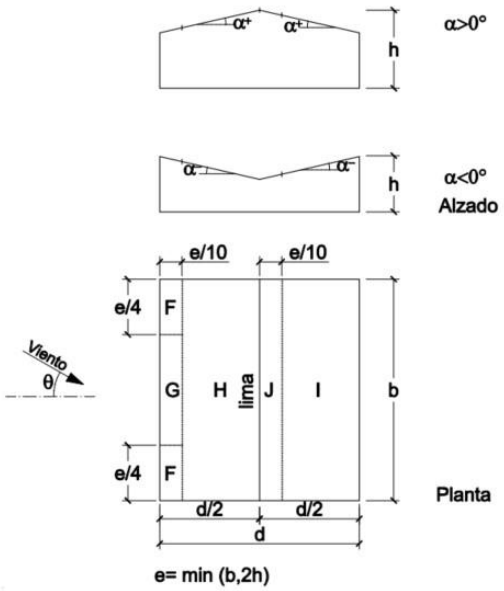


Figura 2. Zonas de presión para una cubierta a dos aguas. Fuente: CTE DB SE-AE.

La figura 3 permite ver una representación en perspectiva de la acción del viento actuando en una dirección paralela al plano de los pórticos.

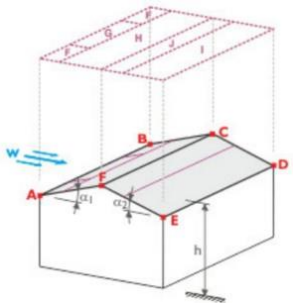


Figura 3. Zonas de presión para una cubierta, vista en perspectiva. Fuente: propia.

No obstante, la estructura objeto de este trabajo presenta singularidades en su geometría que obligan a involucrar cargas de viento actuando en otras zonas además de la cubierta (parte superior) y los cerramientos laterales y frontales. Dichas singularidades son los voladizos que aparecen a ambos lados de la estructura a partir de los pilares centrales. Para encontrar una solución a esta singularidad se recurre al EN 1991-1-4, parte del Eurocódigo dedicada a las acciones del viento. En su apartado 7.2.1 proporciona un comentario en el que se especifica que, en el caso de existir voladizos, la presión en la cara inferior de estos debe ser la misma que la presión experimentada por la pared vertical directamente con la cual conectan. Por tanto, las cargas aplicadas en la superficie de la pared vertical deben aplicarse también en la cara inferior del voladizo. La figura 4 muestra un esquema simplificado de esto.

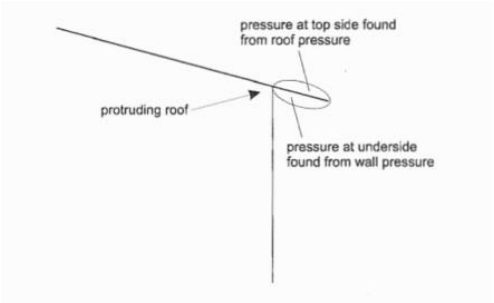


Figura 4. Esquema de presiones en voladizos. Fuente: EN 1991-1-4.

En cuanto a los accesos (huecos principales) de la estructura, se platean dos entradas, a través de la fachada frontal, de dimensiones 4x4 m.

Se debe tener en cuenta que la estructura se ubica en un emplazamiento para el cual la **acción sísmica** debe ser considerada, ya que la aceleración básica del lugar, a_b, es superior a 0,04g, donde es la aceleración de la gravedad. La figura 5 demuestra cómo la zona donde se ubica la estructura se encuentra entre una de las más afectadas por la acción sísmica.

Para el cálculo sísmico se emplea el espectro de respuesta elástica, de la Normativa NCSE-02. Esta norma proporciona un espectro normalizado de respuesta elástica en la superficie libre del terreno para aceleraciones horizontales, que se corresponde con un oscilador lineal simple con un amortiguamiento del referencia del 5% respecto al crítico.

Si $T < T_A$	$\alpha(T) = 1 + 1{,}5 \cdot T/T_A$
Si $T_A \leq T \leq T_B$	$\alpha(T) = 2{,}5$
Si $T > T_B$	$\alpha(T) = K \cdot C/T$

siendo:

$\alpha(T)$	Valor del espectro normalizado de respuesta elástica.
T	Período propio del oscilador en segundos.
K	Coeficiente de contribución, referido en 2.1.
C	Coeficiente del terreno, que tiene en cuenta las características geotécnicas del terreno de cimentación y se detalla en el apartado 2.4.

Donde T_A, T_B son los períodos característicos del espectro de respuesta, que toman los valores $T_A = K{\cdot}C/10$; $T_B = K{\cdot}C/2{,}5$. La figura 6 muestra la gráfica del espectro de respuesta elástica.

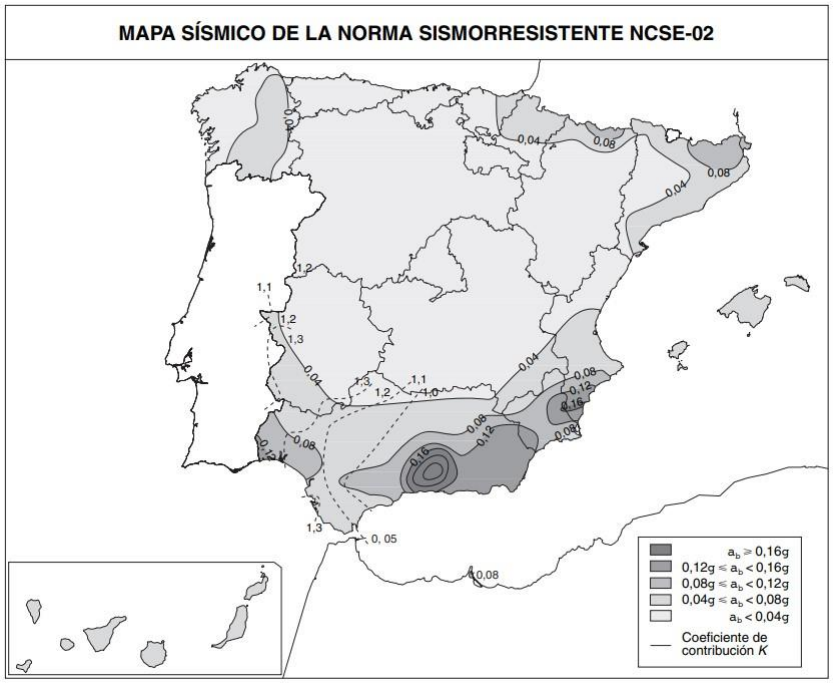


Figura 5. Mapa de peligrosidad sísmica. Fuente: NCSE-02.

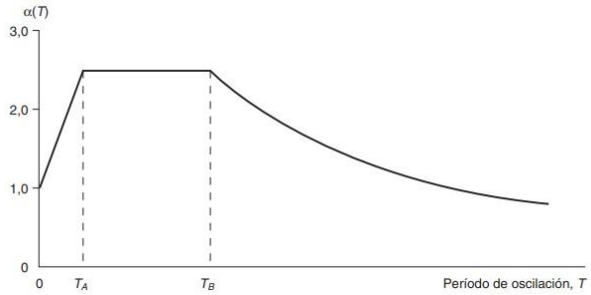


Figura 6. Espectro de respuesta elástica. Fuente: NCSE-02.

Se listan a continuación los parámetros empleados en el cálculo sísmico:

- Tipo de espectro de respuesta: Espectro de respuesta lineal
- Dirección del espectro: dirección horizontal
- Definición de aceleración sísmica básica $a_b/g = 0{,}150$
- Aceleración sísmica básica $a_b = 1{,}50$ m/s²
- Factor de riesgo adimensional $\rho = 1{,}3$

- Aceleración sísmica de diseño a_c = 2,323 m/s²
- Tipo de suelo: III
- Factor de suelo C = 1,6
- Factor de amplificación del suelo S = 1,191
- Factor de contribución K = 1
- Periodo característico del espectro T_A = 0,16 s
- Periodo característico del espectro T_B = 0,64 s

El espectro de respuesta de la estructura viene representado en la figura 7.

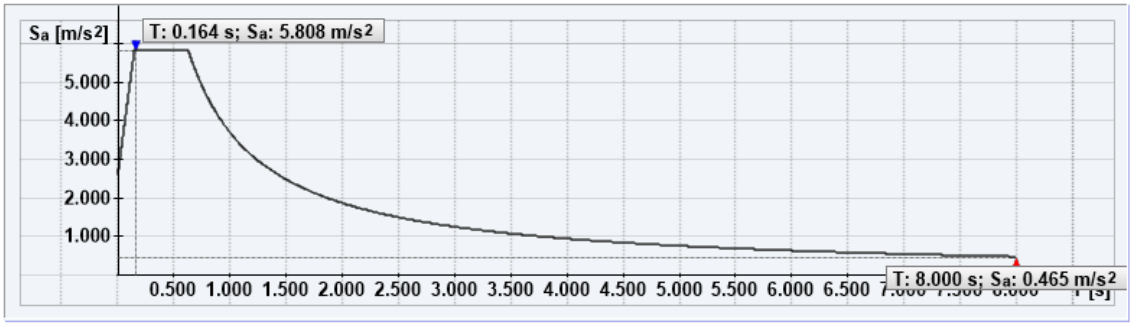


Figura 7. Espectro de respuesta elástica para la estructura. Fuente: propia.

En la determinación de la resistencia al **fuego** de los estructura se emplean el DB-SI y el EN 1995-1-2 (2004). Por el tipo de edificio del que se trata, este puede catalogarse como una obra de "Pública Concurrencia". Las condiciones para dicho tipo de espacios se muestras en la tabla 8.

Pública Concurrencia	- La superficie construida de cada *sector de incendio* no debe exceder de 2.500 m², excepto en los casos contemplados en los guiones siguientes. - Los espacios destinados a público sentado en asientos fijos en cines, teatros, auditorios, salas para congresos, etc., así como los museos, los espacios para culto religioso y los recintos polideportivos, feriales y similares pueden constituir un *sector de incendio* de superficie construida mayor de 2.500 m² siempre que: a) estén compartimentados respecto de otras zonas mediante elementos EI 120; b) tengan resuelta la evacuación mediante *salidas de planta* que comuniquen con un *sector de riesgo mínimo* a través *de vestíbulos de independencia*, o bien mediante *salidas de edificio;* c) los materiales de revestimiento sean B-s1,d0 en paredes y techos y B_{FL}-s1 en suelos; d) la *densidad de la carga de fuego* debida a los materiales de revestimiento y al mobiliario fijo no exceda de 200 MJ/m² y e) no exista sobre dichos espacios ninguna zona habitable. - Las *cajas escénicas* deben constituir un *sector de incendio* diferenciado.

Tabla 8. Espacios de pública concurrencia. Fuente: DB-SI.

La resistencia al fuego de los elementos estructurales principales exigida por la normativa se muestra en la tabla 9. La estructura que se diseña en este trabajo queda englobada dentro del grupo "Comercial, Pública Concurrencia, Hospitalario" con una altura inferior a 15 m. Por tanto la resistencia exigida a los elementos estructurales es R 90.

Uso del *sector de incendio* considerado(1)	Plantas de sótano	Plantas sobre rasante *altura de evacuación* del edificio		
		≤15 m	≤28 m	>28 m
Vivienda unifamiliar (2)	R 30	R 30	-	-
Residencial Vivienda, Residencial Público, Docente, Administrativo	R 120	R 60	R 90	R 120
Comercial, Pública Concurrencia, Hospitalario	R 120(3)	R 90	R 120	R 180
Aparcamiento (edificio de uso exclusivo o situado sobre otro uso)		R 90		
Aparcamiento (situado bajo un uso distinto)		R 120(4)		

Tabla 9. Resistencia al fuego exigida en función del tipo de espacio. Fuente: DB-SI.

Para el cálculo de resistencia a fuego de la estructura se emplea el Anejo E del DBSI en el cual se detalla el Método de la sección reducida. Debe considerarse que en el cálculo de la sección reducida son importantes parámetros como el nivel de resistencia exigido a la obra, el número de caras expuestas al fuego de un elemento estructural, el tipo de madera del elemento y la combinación de acciones más desfavorable que actúa sobre el elemento. La expresión para la combinación de acciones empleada en el cálculo aparece en la sección 5 de este documento. Se explica con mayor detalle el método de la sección reducida a continuación.

La sección reducida en un elemento de madera se obtienen quitando la denominada "profundidad eficaz de carbonización" d_{ef}, de las caras expuestas al fuego a la sección inicial del elemento de madera. El cálculo de la profundidad eficaz para determinar la sección reducida se realiza mediante la siguiente expresión:

$$d_{ef} = d_{char,n} + k_0 \cdot d_0$$

El valor de d_0 es de 7 mm en todos los casos. El valor de k_0 depende del valor del tiempo t. Siendo igual a 1 para un tiempo superior a 20 minutos. La profundidad carbonizada nominal de cálculo en una dirección, $d_{char,n}$ se entiende como la distancia entre la superficie exterior de la sección inicial y la línea que define el frente de carbonización para un tiempo de exposición al fuego determinado. Esta profundidad carbonizada nominal se calcula mediante la siguiente expresión.

$$d_{char,n} = \beta_n t$$

Para la expresión anterior, el término β_n es la velocidad de carbonización nominal. Este parámetro es dependiente del tipo de madera empleada y de la densidad de la misma. Por ejemplo,esta velocidad es diferente para maderas de conífera y haya (softwood) que para maderas frondosas (hardwood). La tabla 10 proporciona los valores para cada tipo. El parámetro t es el tiempo de exposición al fuego.

	B_n (mm/min)
Coníferas y haya	
Madera laminada encolada con densidad característica ≥ 290 kg/m³	0,70
Madera maciza con densidad característica ≥ 290 kg/m³	0,80
Frondosas	
Madera maciza o laminada encolada de frondosas con densidad característica de 290 kg/m³	0,70
Madera maciza o laminada encolada de frondosas con densidad característica de 290 kg/m³	0,55
Madera microlaminada	
Con una densidad característica ≥ 480 kg/m³	0,70

Tabla 10. Velocidad de carbonización de cálculo. Fuente: DB-SI.

La figura 8 muestra un esquema de una sección y de las profundidades explicadas.

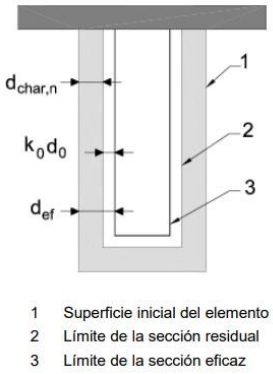


Figura 8. Secciones residual y eficaz. Fuente: DB-SI.

Los grupos de elementos de la estructura para los cuales se realizada la comprobación de resistencia al fuego de acuerdo a este método se especifican a continuación:

- Seccion CorreasPrincipales (interiores); Madera “softwood” C27; 3 caras expuestas.
- Seccion CordonSuperior; Madera laminada encolada GL24h; 3 caras expuestas para pórticos interios y dos caras expuestas para pórticos extremos.
- Seccion CordonInferior; Madera laminada encolada GL24h; 4 caras expuestas para pórticos interiores y 3 caras expuestas para pórticos extremos.
- Seccion Montantes; Madera laminada encolada GL24h; 4 caras expuestas para pórticos interiores y 3 caras expuestas para pórticos extremos.
- Seccion DiagonalesInterior; Madera laminada encolada GL24h; 4 caras expuestas para pórticos interiores y 3 caras expuestas para pórticos extremos.
- Seccion CorreasInferior; Madera “softwood” C27; 4 caras expuestas.
- Seccion PilaresVInteriores; Madera “Hardwood” D70. 4 caras expuestas.

Los factores que influyen a la variación del aprovechamiento entre la sección inicial y la sección reducida eficaz de la estructura son varios. El más importante de ellos es el número de caras del elemento que se encuentran directamente sometidas a la acción del fuego, resultando por tanto más vulnerables a esta acción. Otro factor importante es el material empleado en el elemento y su densidad característica, que influyen directamente en la velocidad de carbonización nominal de cálculo, como ya se explicó previamente.

Para aumentar la seguridad de la estructura bajo la acción de fuego se decide emplear barniz intumescente sobre las superficies de los elementos. Se han consultado las fichas técnicas de dos productos de diferentes casas comerciales, siendo estas Cedria y Aithon Ricerche International. La primera ofrece un barniz incoloro intumescente B-19, que reacciona bajo la acción del fuego, desarrollando sobre la madera una espuma aislante. Este producto garantiza una resistencia al fuego de hasta 90 minutos, proporcionando por tanto la resistencia exigida en el CTE a la construcción. Además este producto produce un acabado transparente, que permite conservar el color natural del material. De acuerdo a lo especificado en la ficha técnica, resulta imprescindible preparar adecuadamente las piezas previamente a aplicarles el barniz, y emplear la dosificación correcta en función del espesor de la pieza a tratar y de los minutos de resistencia requeridos. De forma orientativa, resulta necesario aplicar 4 capas de producto a los elementos de la estructura. Las características estéticas que confiere el producto de la casa Aithon a la estructura son semejantes a las de Cedria, proporcionando sin embargo

una resistencia a la acción del fuego de hasta 60 minutos. Se elige el producto de la primera casa para garantizar una resistencia de 90 minutos.

Para conocer con exactitud cómo afectaría el fuego a los elementos estructurales resultaría necesario un estudio específico y de elevada complejidad basado en dinámica de fluidos, conocido generalmente como "*Computational Fluid Dynamics".* Este tipo de estudio queda fuera del alcance de este trabajo.

Además de lo dispuesto anteriormente, y de acuerdo a lo especificado en la sección SI4 del DB-SI en caso de incendio, se debe dotar a la estructura de bocas de incendio equipadas, sistema de alarma y sistema de detección de incendio.

5. Combinaciones de acciones

Las expresiones para las combinaciones de acciones se listan a continuación. Estas expresiones proceden de EN 1990 (Eurocode: basis for structural design).

— Combinación de Estado Límite Último (ULS(STR/GEO) – Permanent/transient).

$$\sum_{j\geq 1} \gamma_{G,j} G_{k,j} + \gamma_P P + \gamma_{Q,1} Q_{k,1} + \sum_{i>1} \gamma_{Q,i} \Psi_{0,i} Q_{k,i}$$

Se especifica ahora cada uno de los parámetros utilizados en la expresión anterior (se considera oportuno escribir cada uno de ellos en inglés al tratarse de normativa europea).

$\gamma_{G,j}$: partial factor for permanent actions

$G_{k,j}$: Permanent actions

γ_P : Partial factor for prestress actions

P : Prestressing action

$\gamma_{Q,1}$: Partial factor for leading variable action

$Q_{k,1}$: Leading variable action

$\gamma_{Q,i}$: Partial factor for non-leading variable actions

$\Psi_{Q,i}$: Coefficient for combination value

$Q_{k,i}$: Other variable actions

— Combinación de Estado Límite de Servicio (SLS Characteristic)

$$\sum_{j\geq 1} G_{k,j} + P + Q_{k,1} + \sum_{i>1} \Psi_{0,i} Q_{k,i}$$

$G_{k,j}$: Permanent actions

P : Pre-stressing action

$Q_{k,1}$: Leading variable action

$\Psi_{Q,i}$: Coefficient for combination value

$Q_{k,i}$: Other variable actions

— Combinación de Estado Límite de Servicio (SLS Frequent)

$$\sum_{j\geq 1} G_{k,j} + P + \Psi_{1,1} Q_{k,1} + \sum_{i>1} \Psi_{2,i} Q_{k,i}$$

$G_{k,j}$: Permanent actions

P : Pre-stressing action

$\Psi_{1,1}$: Coefficient for frequent value

$Q_{k,1}$: Leading variable action

$\Psi_{2,i}$: Coefficient for quasi-permanent value

$Q_{k,i}$: Other variable actions

— Combinación de Estado Límite de Servicio (SLS Quasi-permanent)

$$\sum_{j\geq 1} G_{k,j} + P + \sum_{i>1} \Psi_{2,i} Q_{k,i}$$

$G_{k,j}$: Permanent actions

P : Pre-stressing action

$\Psi_{2,i}$: Coefficient for quasi-permanent value

$Q_{k,i}$: Variable actions

— Combinación de Estado Límite Último para sismo (ULS(STR/GEO) – Seismic).

$$\sum_{j\geq 1} G_{k,j} + P + A_{Ed} + \sum_{i>1} \Psi_{2,i} Q_{k,i}$$

$G_{k,j}$: Permanent actions

P : Pre-stressing action

A_{Ed} : Earthquake action

$\Psi_{2,i}$: Coefficient for quasi-permanent value

$Q_{k,i}$: Variable actions

— Combinación de Estado Límite Último (ULS(STR/GEO) – Accidental).

$$\sum_{j\geq 1} G_{k,j} + P + A_d + \Psi_{1,1} Q_{k,1} + \sum_{i>1} \Psi_{2,i} Q_{k,i}$$

$G_{k,j}$: Permanent actions

P : Pre-stressing action

A_d : Accidental action

$\Psi_{1,1}$: Coefficient for frequent value

$Q_{k,1}$: Leading variable action

$\Psi_{2,i}$: Coefficient for quasi-permanent value

$Q_{k,i}$: Other variable actions

En la tabla 8 se presentan los valores de los factores Ψ. Los valores de diseño para las acciones aparecen en la tabla 9, y los comentarios sobre estos para acciones accidentales en la tabla 10.

Action	ψ_0	ψ_1	ψ_2
Imposed loads in buildings, category (see EN 1991-1-1)			
Category A : domestic, residential areas	0,7	0,5	0,3
Category B : office areas	0,7	0,5	0,3
Category C : congregation areas	0,7	0,7	0,6
Category D : shopping areas	0,7	0,7	0,6
Category E : storage areas	1,0	0,9	0,8
Category F : traffic area, vehicle weight ≤ 30kN	0,7	0,7	0,6
Category G : traffic area, 30kN < vehicle weight ≤ 160kN	0,7	0,5	0,3
Category H : roofs	0	0	0
Snow loads on buildings (see EN 1991-1-3)*			
Finland, Iceland, Norway, Sweden	0,70	0,50	0,20
Remainder of CEN Member States, for sites located at altitude H > 1000 m a.s.l.	0,70	0,50	0,20
Remainder of CEN Member States, for sites located at altitude H ≤ 1000 m a.s.l.	0,50	0,20	0
Wind loads on buildings (see EN 1991-1-4)	0,6	0,2	0
Temperature (non-fire) in buildings (see EN 1991-1-5)	0,6	0,5	0
NOTE The ψ values may be set by the National annex. * For countries not mentioned below, see relevant local conditions.			

Tabla 11. Valores para el coeficiente Ψ. Fuente: EN1990.

Persistent and transient design situations	Permanent actions		Leading variable action (*)	Accompanying variable actions	
	Unfavourable	Favourable		Main (if any)	Others
(Eq. 6.10)	$\gamma_{G,j,sup} G_{k,j,sup}$	$\gamma_{G,j,inf} G_{k,j,inf}$	$\gamma_{Q,1} Q_{k,1}$		$\gamma_{Q,i} \psi_{0,i} Q_{k,i}$

(*) Variable actions are those considered in Table A1.1

NOTE 1 The γ values may be set by the National annex. The recommended set of values for γ are :

$\gamma_{G,j,sup} = 1,10$

$\gamma_{G,j,inf} = 0,90$

$\gamma_{Q,1} = 1,50$ where unfavourable (0 where favourable)

$\gamma_{Q,i} = 1,50$ where unfavourable (0 where favourable)

NOTE 2 In cases where the verification of static equilibrium also involves the resistance of structural members, as an alternative to two separate verifications based on Tables A1.2(A) and A1.2(B), a combined verification, based on Table A1.2(A), may be adopted, if allowed by the National annex, with the following set of recommended values. The recommended values may be altered by the National annex.

$\gamma_{G,j,sup} = 1,35$

$\gamma_{G,j,inf} = 1,15$

$\gamma_{Q,1} = 1,50$ where unfavourable (0 where favourable)

$\gamma_{Q,i} = 1,50$ where unfavourable (0 where favourable)

provided that applying $\gamma_{G,j,inf} = 1,00$ both to the favourable part and to the unfavourable part of permanent actions does not give a more unfavourable effect.

Tabla 12. Valores para el coeficiente γ. Fuente: EN1990.

Design situation	Permanent actions		Leading accidental or seismic action	Accompanying variable actions (**)	
	Unfavourable	Favourable		Main (if any)	Others
Accidental (*) (Eq. 6.11a/b)	$G_{k,j,sup}$	$G_{k,j,inf}$	A_d	$\psi_{1,1}$ or $\psi_{2,1} Q_{k,1}$	$\psi_{2,i} Q_{k,i}$
Seismic (Eq. 6.12a/b)	$G_{k,j,sup}$	$G_{k,j,inf}$	$A_{Ed} = \gamma_I A_{Ek}$		$\psi_{2,i} Q_{k,i}$

(*) In the case of accidental design situations, the main variable action may be taken with its frequent or, as in seismic combinations of actions, its quasi-permanent values. The choice will be in the National annex, depending on the accidental action under consideration. See also EN 1991-1-2.

(**) Variable actions are those considered in Table A1.1.

Tabla 13. Comentarios sobre valores de coeficientes de combinación para acciones sísmicas y accidentales. Fuente: EN1990.

6. Descripción y cálculo de la estructura

La estructura objeto de este trabajo es una estructura de madera, en la que se emplean, como ya se ha descrito con anterioridad en este documento, diferentes tipos de maderas, desde madera laminada encolada GL24h, para la cual es necesaria la fabricación completa de todos los componentes, hasta maderas macizas de derribo recuperadas y tratadas para ser utilizadas en esta estructura (clases D70 y C27).

La decisión en relación a la geometría de la estructura se aborda de manera extendida en el documento Anejo 1 de este trabajo, donde se expone el proceso de diseño conceptual y la aplicación del Teorema de Maxwell para facilitar la toma de decisiones en la selección de la alternativa que se convierta en la geometría definitiva a modelar y calcular. El proceso de modelado y cálculo de la misma se desarrolla en el software de cálculo estructural RSTAB. La figura 5 muestra una vista en alzado de un pórtico de la estructura.

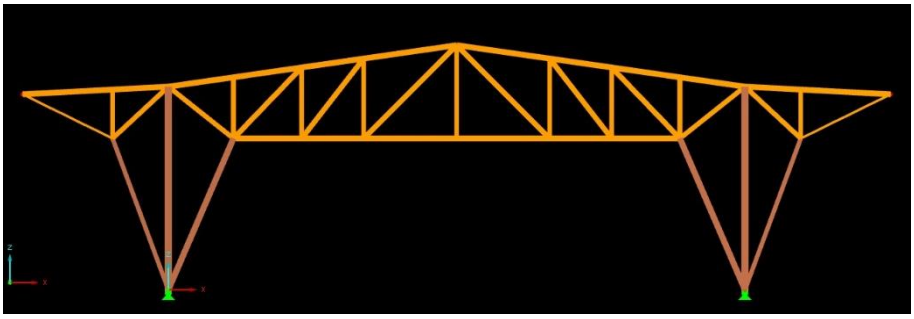


Figura 5. Alzado de un pórtico principal en el software de cálculo. Fuente: propia.

A pesar de que el diseño preliminar mediante el empleo de la Estática Gráfica permite la forma al pórtico tipo de la estructura, resulta necesario añadir elementos adicionales a la misma que mejoren su comportamiento frente a acciones como al del viento, que actúa en múltiples direcciones. Estos elementos adicionales incluyen las correas de cubierta, arriostramientos para los cordones inferiores entre los pórticos extremos y sus pórticos contiguos, y arriostramientos de fachada lateral, tanto diagonales como horizontales. Las figuras 6 y 7 permiten visualizar todos los elementos de la estructura.

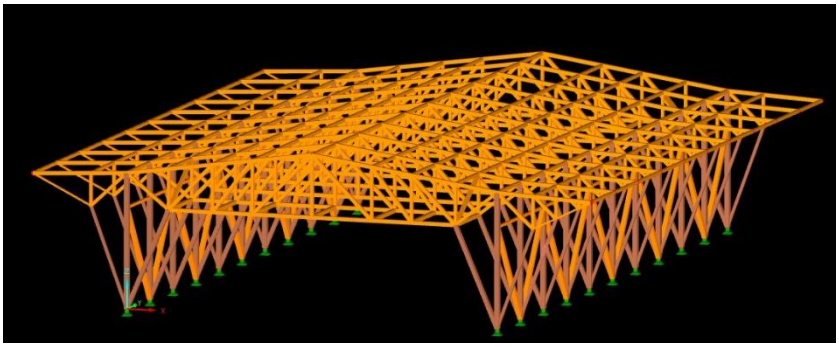


Figura 6. Vista en perspectiva de la estructura en el software de cálculo. Fuente: propia.

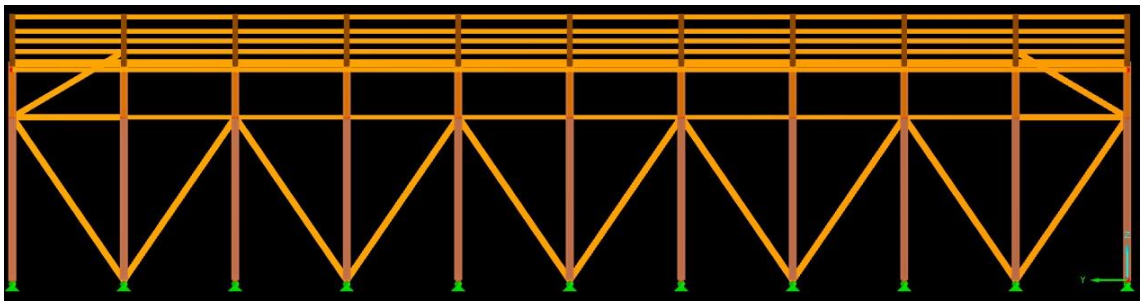


Figura 7. Vista lateral de la estructura en el software de cálculo. Fuente: propia.

Dentro del modelo se asigna a cada grupo de barras un nombre, al cual va asociado una sección. Se listan a continuación los nombres empleados para dichos grupos, así como las dimensiones de la sección asignada y el material correspondiente.

- Seccion CorreasPrincipales; T-Rectangle 220/220 (mm); Poplar and Softwood Timber C27.
- Seccion CordonSuperior; T-Rectangle 260/280 (mm); Glulam Timber GL24h.
- Seccion CordonInferior; T-Rectangle 260/280 (mm); Glulam Timber GL24h.
- Seccion CordonInferiorVol; T-Rectangle 200/120 (mm); Glulam Timber GL24h.
- Seccion Montantes; T-Rectangle 220/220 (mm); Glulam Timber GL24h.
- Seccion DiagonalesExterior; T-Rectangle 220/240 (mm); Glulam Timber GL24h.
- Seccion DiagonalesInterior; T-Rectangle 260/260 (mm); Glulam Timber GL24h.
- Seccion CorreasInferior; T-Rectangle 260/280 (mm); Poplar and Softwood Timber C27.
- Seccion PilaresVExteriores; T-Rectangle 180/220 (mm); Hardwood Timber D70.
- Seccion PilaresCentrales; T-Rectangle 360/360 (mm); Hardwood Timber D70.
- Seccion PilaresVInteriores Extremos; T-Rectangle 360/300 (mm); Hardwood Timber D70.
- Seccion PilaresVInteriores; T-Rectangle 250/300 (mm); Hardwood Timber D70.
- Seccion Arriostramientos1; T-Rectangle 180/200 (mm); Glulam Timber GL24h.
- Seccion Arriostramientos2; T-Rectangle 340/300 (mm); Glulam Timber GL24h.

7. Resultados

El objeto de este documento es presentar, de una manera articulada, los condicionantes, consideraciones, y resultados del cálculo de la estructura. Todo ello se expone y desarrolla en los siguientes apartados de este documento.

STRUCTURAL ANALYSIS

PROJECT

Estructura singular con madera de derribo revalorizada para un espacio polivalente en la Avenida de la Justicia en el barrio de Los Dolores (Murcia)

CLIENT

CREATED BY

Roberto Mansilla Ruiz

1.1.1 GENERAL DATA

Members to design:		All
Design according to Standard:		EN 1995-1-1:2004/A2:2014
Ultimate Limit State Design		
Load cases to design:	LC1	
	LC2	Peso cubierta
	LC3	estructura solar
	LC4	SCU1
	LC5	nieve simetrica
	LC6	presion +x cerrado
	LC7	succion +x cerrado
	LC8	presion +y cerrado
	LC9	succion +y cerrado
	LC13	nieve asimetrica 1
	LC14	presion +y abierto
	LC15	succion +y abierto
	LC16	+y abierto EN
	LC17	+x combinado -/+
	LC18	+x combinado +/-
Load combinations to design:	CO7	1.35*LC1 + 1.35*LC2 + 1.35*LC3 + 1.5*LC4
	CO205	1.35*LC1 + 1.5*LC6
	CO259	1.35*LC1 + 1.35*LC2 + 1.35*LC3 + 0.75*LC5 + 1.5*LC6
	CO268	1.35*LC1 + 1.35*LC2 + 1.35*LC3 + 1.5*LC6 + 0.75*LC13
	CO523	LC1 + 1.5*LC16
	CO883	LC1 + LC2 + LC3 + 0.5*LC5 + LC6
	CO898	LC1 + LC2 + LC3 + 0.5*LC13 + LC16
	CO989	LC1 + LC10
	CO990	LC1 + LC11
	CO991	LC1 + LC2 + LC10
	CO992	LC1 + LC2 + LC11
	CO993	LC1 + LC2 + LC3 + LC10
	CO994	LC1 + LC2 + LC3 + LC11
	CO996	LC1 + LC3 + LC11
Result combinations to design:	RC7	ULS (STR/GEO) - Accidental - psi-1,1
Serviceability Limit State Design		
Load cases to design:	LC1	
	LC2	Peso cubierta
	LC3	estructura solar
	LC4	SCU1
	LC5	nieve simetrica
	LC6	presion +x cerrado
	LC7	succion +x cerrado
	LC8	presion +y cerrado
	LC9	succion +y cerrado
	LC13	nieve asimetrica 1
	LC14	presion +y abierto
	LC15	succion +y abierto
	LC16	+y abierto EN
	LC17	+x combinado -/+
	LC18	+x combinado +/-
Load combinations to design:	CO883	LC1 + LC2 + LC3 + 0.5*LC5 + LC6
	CO898	LC1 + LC2 + LC3 + 0.5*LC13 + LC16
Fire Resistance Design		
Load cases to design:	LC1	
	LC2	Peso cubierta
	LC3	estructura solar
Result combinations to design:	RC7	ULS (STR/GEO) - Accidental - psi-1,1

1.1.2 DETAILS

Stability analysis:	Stability analysis acc. to Equivalent Member Method
Deformation relative to:	Shifted member ends / Set of members ends
Data for fire resistance acc. to EN 1995-1-2	
Fire Resistance Class:	R 90
Partial Factor $\gamma_{M,fi}$:	1.00
Allow further design if angle of principal axis does not exceed limit:	$\lvert\alpha\rvert \leq 5.00$ °

1.1.3 DATA FOR STANDARD

Partial Factor for Material Properties		
Solid Timber - Fundamental Situation	γ_M:	1.300
Glued Laminated Timber - Fundamental Situation	γ_M:	1.250
Connections	γ_M:	1.300
Steel stiffeners (EN 1993)	γ_{M2}:	1.250
Accidental Situation	γ_M:	1.000
For Timber in Fire	$\gamma_{M,fi}$:	1.000

Limit Values and Reference of Deformations
Characteristic (Rare) Design Situation

Span	Cantilever Beam

1.1.3 DATA FOR STANDARD

	w_{inst}	$\leq l / 300$	$\leq l_k / 150$
Quasi-Permanent Design Situation			
- Eq. (7.2):	$w_{fin} - w_c$	$\leq l / 250$	$\leq l_k / 125$
	w_{fin}	$\leq l / 150$	$\leq l_k / 75$

Modification Factor k_{mod}

Solid Timber

LDC	1	2	3
Permanent	0.600	0.600	0.500
Long-term	0.700	0.700	0.550
Medium-term	0.800	0.800	0.650
Short-term	0.900	0.900	0.700
Instantaneous	1.100	1.100	0.900

Glued Laminated Timber

LDC	1	2	3
Permanent	0.600	0.600	0.500
Long-term	0.700	0.700	0.550
Medium-term	0.800	0.800	0.650
Short-term	0.900	0.900	0.700
Instantaneous	1.100	1.100	0.900

Parameters for Softwood

Charring rate β_n:	0.80	mm/min
Increased charring d_0:	7.00	mm
Factor k_{fi}:	1.25	

Parameters for Glued Laminated Timber

Charring rate β_n:	0.70	mm/min
Increased charring d_0:	7.00	mm
Factor k_{fi}:	1.15	

Parameters for Hardwood

Charring rate β_n:	0.55	mm/min
Increased charring d_0:	7.00	mm
Factor k_{fi}:	1.25	

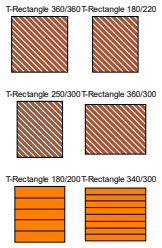
1.1.4 USED STANDARDS

No.	Standard	Standard Description
[1]	EN 1995-1-1:2004+AC:2006+A2:2014	Part 1-1: General - Common rules and rules for buildings
[2]	EN 1995-1-2:2004+AC:2006	Part 1-2: General - Structural fire design
[3]	EN 14080:2013-08	Timber structures - Glued laminated timber and solid timber - Requirements
[4]	EN 338:2009-10	Structural timber - Strength classes

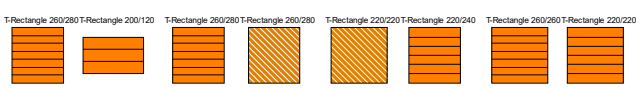
1.2 MATERIALS

Matl. No.	Description	Factor Category	Comment
1	Hardwood Timber D70 | EN 338-16	Solid Timber	
2	Poplar and Softwood Timber C27 | EN 338-16	Solid Timber	
3	Glulam Timber GL24h | EN 14080	Glued Laminated Timber	

1.3.1 CROSS-SECTIONS



Sect. No.	Matl. No.	Cross-section Description [mm]	Max Design Ratio	Comment
1	1	T-Rectangle 360/360	0.31	Seccion PilaresCentrales
2	1	T-Rectangle 180/220	0.74	Seccion PilaresVExteriores
3	1	T-Rectangle 250/300	0.54	Seccion PilaresVInteriores
4	1	T-Rectangle 360/300	0.46	Seccion PilaresVInteriores Extremos
5	3	T-Rectangle 180/200	0.69	Seccion Arriostramientos1
6	3	T-Rectangle 340/300	0.93	Seccion Arriostramientos2
7	3	T-Rectangle 260/280	0.56	Seccion CordonInferior
8	3	T-Rectangle 200/120	0.72	Seccion CordonInferiorVol
9	3	T-Rectangle 260/280	0.53	Seccion CordonSuperior
10	2	T-Rectangle 260/280	0.55	Seccion CorreasInferior
11	2	T-Rectangle 220/220	0.82	Seccion CorreasPrincipales
12	3	T-Rectangle 220/240	0.67	Seccion DiagonalesExterior
13	3	T-Rectangle 260/260	0.76	Seccion DiagonalesInterior
14	3	T-Rectangle 220/220	0.90	Seccion Montantes



1.4 LOAD DURATION AND SERVICE CLASS

LC/CO/ RC	LC, CO or RC Description	Load Case Type	Classification of Load Duration
LC1		Permanent	Permanent
LC2	Peso cubierta	Permanent/Imposed	Permanent
LC3	estructura solar	Permanent/Imposed	Permanent
LC4	SCU1	Imposed - Category H: roofs	Permanent
LC5	nieve simetrica	Snow (H ≤ 1000 m a.s.l.)	Short-term
LC6	presion +x cerrado	Wind	Short-term
LC7	succion +x cerrado	Wind	Short-term
LC8	presion +y cerrado	Wind	Short-term
LC9	succion +y cerrado	Wind	Short-term
LC13	nieve asimetrica 1	Snow (H ≤ 1000 m a.s.l.)	Short-term
LC14	presion +y abierto	Wind	Short-term
LC15	succion +y abierto	Wind	Short-term
LC16	+y abierto EN	Wind	Short-term
LC17	+x combinado -/+	Wind	Short-term
LC18	+x combinado +/-	Wind	Short-term
CO7	1.35*LC1 + 1.35*LC2 + 1.35*LC3 + 1.5*LC4	-	Permanent
CO205	1.35*LC1 + 1.5*LC6	-	Short-term
CO259	1.35*LC1 + 1.35*LC2 + 1.35*LC3 + 0.75*LC5 + 1.5*LC6	-	Short-term
CO268	1.35*LC1 + 1.35*LC2 + 1.35*LC3 + 1.5*LC6 + 0.75*LC13	-	Short-term
CO523	LC1 + 1.5*LC16	-	Short-term
CO883	LC1 + LC2 + LC3 + 0.5*LC5 + LC6	-	Short-term
CO898	LC1 + LC2 + LC3 + 0.5*LC13 + LC16	-	Short-term
CO989	LC1 + LC10	-	Permanent
CO990	LC1 + LC11	-	Permanent
CO991	LC1 + LC2 + LC10	-	Permanent
CO992	LC1 + LC2 + LC11	-	Permanent
CO993	LC1 + LC2 + LC3 + LC10	-	Permanent
CO994	LC1 + LC2 + LC3 + LC11	-	Permanent
CO996	LC1 + LC3 + LC11	-	Permanent
CO997	LC1 + LC2 + LC19	-	Permanent
CO998	LC1 + LC2 + LC3 + LC19	-	Permanent
CO999	LC1 + LC3 + LC19	-	Permanent
CO1000	LC1 + LC2 + 0.2*LC5 + LC19	-	Short-term
CO1001	LC1 + LC2 + 0.2*LC13 + LC19	-	Short-term
CO1002	LC1 + LC2 + LC3 + 0.2*LC5 + LC19	-	Short-term
CO1003	LC1 + LC2 + LC3 + 0.2*LC13 + LC19	-	Short-term
CO1004	LC1 + LC3 + 0.2*LC5 + LC19	-	Short-term
CO1005	LC1 + LC3 + 0.2*LC13 + LC19	-	Short-term
CO1006	LC1 + LC2 + 0.2*LC6 + LC19	-	Short-term
CO1007	LC1 + LC2 + 0.2*LC7 + LC19	-	Short-term
CO1008	LC1 + LC2 + 0.2*LC8 + LC19	-	Short-term
CO1009	LC1 + LC2 + 0.2*LC9 + LC19	-	Short-term
CO1010	LC1 + LC2 + 0.2*LC14 + LC19	-	Short-term
CO1011	LC1 + LC2 + 0.2*LC15 + LC19	-	Short-term
CO1012	LC1 + LC2 + 0.2*LC16 + LC19	-	Short-term
CO1013	LC1 + LC2 + 0.2*LC17 + LC19	-	Short-term
CO1014	LC1 + LC2 + 0.2*LC18 + LC19	-	Short-term
CO1015	LC1 + LC2 + LC3 + 0.2*LC6 + LC19	-	Short-term
CO1016	LC1 + LC2 + LC3 + 0.2*LC7 + LC19	-	Short-term
CO1017	LC1 + LC2 + LC3 + 0.2*LC8 + LC19	-	Short-term
CO1018	LC1 + LC2 + LC3 + 0.2*LC9 + LC19	-	Short-term
CO1019	LC1 + LC2 + LC3 + 0.2*LC14 + LC19	-	Short-term
CO1020	LC1 + LC2 + LC3 + 0.2*LC15 + LC19	-	Short-term
CO1021	LC1 + LC2 + LC3 + 0.2*LC16 + LC19	-	Short-term
CO1022	LC1 + LC2 + LC3 + 0.2*LC17 + LC19	-	Short-term
CO1023	LC1 + LC2 + LC3 + 0.2*LC18 + LC19	-	Short-term
CO1024	LC1 + LC3 + 0.2*LC6 + LC19	-	Short-term
CO1025	LC1 + LC3 + 0.2*LC7 + LC19	-	Short-term
CO1026	LC1 + LC3 + 0.2*LC8 + LC19	-	Short-term
CO1027	LC1 + LC3 + 0.2*LC9 + LC19	-	Short-term
CO1028	LC1 + LC3 + 0.2*LC14 + LC19	-	Short-term
CO1029	LC1 + LC3 + 0.2*LC15 + LC19	-	Short-term
CO1030	LC1 + LC3 + 0.2*LC16 + LC19	-	Short-term
CO1031	LC1 + LC3 + 0.2*LC17 + LC19	-	Short-term
CO1032	LC1 + LC3 + 0.2*LC18 + LC19	-	Short-term

Service Class SECL
Service Class 2: Identical for All Members/Sets of Members

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling		
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
1	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
2	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
3	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
4	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
5	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
6	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
7	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
8	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
9	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
10	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
11	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
12	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
13	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
14	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
15	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
16	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
17	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
18	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
19	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
20	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
21	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
22	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
23	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
24	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
25	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
26	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
27	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
28	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
29	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
30	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
31	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
32	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
33	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
34	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
35	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
36	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
37	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
38	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
39	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
40	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
41	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
42	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
43	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
44	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
45	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
46	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
47	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
48	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
49	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
50	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
51	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
52	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
53	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
54	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
55	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
56	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
57	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
58	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
59	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
60	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
61	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
62	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
63	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
64	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
65	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
66	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
67	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
68	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
69	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
70	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
71	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
72	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
73	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
74	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
75	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
76	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
77	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
78	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
79	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
80	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
81	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
82	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
83	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
84	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
85	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
86	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
87	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
88	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
89	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
90	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
91	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
92	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
93	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
94	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
95	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
96	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
97	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
98	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
99	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
100	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
101	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
102	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
103	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
104	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
105	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
106	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
107	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
108	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
109	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
110	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
111	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
112	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
113	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
114	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
115	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
116	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
117	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
118	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
119	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
120	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
121	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
122	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
123	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
124	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
125	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
126	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
127	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
128	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
129	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
130	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
131	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
132	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
133	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
134	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
135	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
136	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
137	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
138	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
139	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
140	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
141	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
142	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
143	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
144	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
145	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
146	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
147	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
148	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
149	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
150	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
151	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
152	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
153	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
154	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
155	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
156	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
157	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
158	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
159	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
160	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
161	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
162	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
163	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
164	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
165	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
166	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
167	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
168	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
169	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
170	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
171	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
172	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
173	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
174	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
175	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
176	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
177	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
178	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
179	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
180	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
181	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
182	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
183	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
184	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
185	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
186	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
187	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
188	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
189	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
190	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
191	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
192	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
193	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
194	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
195	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
196	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
197	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
198	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
199	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
200	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
201	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
202	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
203	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
204	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
205	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
206	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
207	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
208	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
209	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
210	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
211	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
212	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
213	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
214	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
215	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
216	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
217	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
218	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
219	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
220	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
221	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
222	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
223	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
224	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
225	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
226	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
227	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
228	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
229	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
230	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
231	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
232	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
233	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
234	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
235	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
236	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
237	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
238	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
239	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
240	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
241	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
242	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
243	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
244	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
245	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
246	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
247	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
248	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
249	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
250	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
251	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
252	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
253	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
254	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
255	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
256	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
257	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
258	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
259	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
260	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
261	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
262	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
263	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
264	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
265	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
266	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
267	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
268	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
269	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
270	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
271	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
272	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
273	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
274	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
275	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
276	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
277	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
278	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
279	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
280	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
281	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
282	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
283	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
284	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
285	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
286	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
287	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
288	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
289	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
290	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
291	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
292	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
293	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
294	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
295	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
296	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
297	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
298	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
299	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
300	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
301	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
302	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
303	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
304	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
305	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
306	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
307	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
308	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
309	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
310	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
311	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
312	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
313	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
314	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
315	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
316	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
317	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
318	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
319	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
320	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
321	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
322	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
323	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
324	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
325	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
326	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
327	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
328	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
329	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
330	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
331	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
332	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
333	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
334	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
335	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
336	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
337	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
338	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
339	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
340	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
341	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
342	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
343	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
344	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
345	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
346	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
347	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
348	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
349	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
350	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
351	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
352	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
353	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
354	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
355	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
356	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
357	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
358	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
359	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
360	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
361	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
362	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
363	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
364	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
365	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
366	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
367	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
368	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
369	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
370	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
371	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
372	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
373	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
374	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
375	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
376	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
377	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
378	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
379	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
380	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
381	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
382	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
383	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
384	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
385	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
386	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
387	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
388	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
389	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
390	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
391	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
392	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
393	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
394	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
395	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
396	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
397	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
398	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
399	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
400	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
401	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
402	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
403	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
404	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
405	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
406	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
407	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
408	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
409	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
410	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
411	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
412	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
413	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
414	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
415	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
416	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
417	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
418	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
419	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
420	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
421	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
422	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
423	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
424	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
425	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
426	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
427	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
428	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
429	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
430	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
431	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
432	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
433	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
434	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
435	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
436	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
437	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
438	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
439	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
440	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
441	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
442	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
443	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
444	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
445	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
446	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
447	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
448	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
449	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
450	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
451	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
452	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
453	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
454	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
455	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
456	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
457	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
458	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
459	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
460	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
461	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
462	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
463	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
464	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
465	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
466	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
467	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
468	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
469	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
470	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
471	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
472	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
473	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
474	☒	☒	1.200	9.541	☒	1.000	7.951	☒	As member length	7.951
475	☒	☒	1.700	13.232	☒	1.300	10.118	☒	As member length	7.783
476	☒	☒	1.200	4.416	☒	1.200	4.416	☒	As member length	3.680
477	☒	☒	1.000	4.022	☒	1.000	4.022	☒	As member length	4.022
478	☒	☒	1.200	5.813	☒	1.200	5.813	☒	As member length	4.844
479	☒	☒	1.200	2.830	☒	1.200	2.830	☒	As member length	2.358
480	☒	☒	1.000	4.356	☒	1.000	4.356	☒	As member length	4.356
481	☒	☒	1.000	2.704	☒	1.000	2.704	☒	As member length	2.704
482	☒	☒	1.000	3.000	☒	1.000	3.000	☒	As member length	3.000
483	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
484	☒	☒	1.000	4.500	☒	1.000	4.500	☒	As member length	4.500
485	☒	☒	1.000	3.300	☒	1.000	3.300	☒	As member length	3.300
486	☒	☒	1.000	3.182	☒	1.000	3.182	☒	As member length	3.182
487	☒	☒	1.000	3.334	☒	1.000	3.334	☒	As member length	3.334
488	☒	☒	1.000	3.031	☒	1.000	3.031	☒	As member length	3.031
489	☒	☒	1.000	4.546	☒	1.000	4.546	☒	As member length	4.546
490	☒	☒	1.000	2.952	☒	1.000	2.952	☒	As member length	2.952
491	☒	☒	1.000	3.425	☒	1.000	3.425	☒	As member length	3.425
492	☒	☒	1.000	3.855	☒	1.000	3.855	☒	As member length	3.855
493	☒	☒	1.000	4.756	☒	1.000	4.756	☒	As member length	4.756
494	☒	☒	1.000	4.885	☒	1.000	4.885	☒	As member length	4.885
495	☒	☒	1.000	6.364	☒	1.000	6.364	☒	As member length	6.364
496	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
497	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
498	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
499	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
500	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
501	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
502	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
503	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
504	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
505	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
506	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
507	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
508	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
509	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
510	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
511	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
512	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
513	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
514	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
515	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
516	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
517	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
518	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
519	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
520	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
521	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
522	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
523	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
524	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
525	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
526	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
527	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
528	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
529	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
530	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
531	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
532	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
533	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
534	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
535	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
536	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
537	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
538	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
539	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
540	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
541	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
542	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
543	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
544	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
545	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
546	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
547	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
548	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
549	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
550	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
551	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
552	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
553	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
554	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
555	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
556	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
557	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
558	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
559	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
560	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
561	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
562	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
563	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
564	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
565	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
566	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
567	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
568	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
569	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
570	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
571	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
572	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
573	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
574	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
575	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
576	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
577	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
578	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
579	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
580	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
581	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
582	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
583	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
584	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
585	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
586	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
587	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
588	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
589	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
590	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
591	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
592	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
593	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
594	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
595	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
596	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
597	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
598	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
599	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
600	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
601	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
602	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
603	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
604	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
605	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
606	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
607	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
608	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
609	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
610	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
611	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
612	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
613	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
614	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
615	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
616	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
617	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
618	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
619	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
620	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
621	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
622	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
623	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
624	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
625	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
626	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
627	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
628	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
629	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
630	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
631	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
632	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
633	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
634	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
635	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
636	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
637	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
638	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
639	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
640	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
641	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
642	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
643	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
644	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
645	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
646	☒	☒	1.400	3.500	☒	1.000	2.500	☒	As member length	2.500
647	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
648	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
649	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
650	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
651	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
652	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
653	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
654	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
655	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
656	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
657	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
658	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
659	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
660	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
661	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
662	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
663	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
664	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
665	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
666	☒	☒	0.900	4.500	☒	1.000	5.000	☒	As member length	5.000
667	☒	☒	1.400	10.220	☒	0.850	6.205	☒	As member length	7.300
668	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
669	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
670	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
671	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
672	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
673	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
674	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
675	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
676	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
677	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
678	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
679	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
680	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
681	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
682	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
683	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
684	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
685	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
686	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
687	☒	☒	1.000	8.848	☒	0.700	6.194	☒	As member length	8.848
688	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
689	☒	☒	1.000	5.806	☒	1.000	5.806	☒	As member length	5.806
690	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
691	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
692	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
693	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
694	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
695	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
696	☒	☒	1.000	5.806	☒	1.000	5.806	☒	As member length	5.806
697	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
698	☒	☒	1.000	5.806	☒	1.000	5.806	☒	As member length	5.806
699	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
700	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
701	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
702	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
703	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
704	☒	☒	1.000	5.000	☒	1.000	5.000	☒	As member length	5.000
705	☒	☒	1.000	5.806	☒	1.000	5.806	☒	As member length	5.806

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	L [m]	Direct.	Precamber $w_{c,y}$[mm]	$w_{c,z}$[mm]	Beam Type
1	Member	1	☐	7.300	y; z	0.0	0.0	Beam
2	Member	2	☐	7.951	y; z	0.0	0.0	Beam
3	Member	3	☐	7.783	y; z	0.0	0.0	Beam
4	Member	4	☐	3.680	y; z	0.0	0.0	Beam
5	Member	5	☐	4.022	y; z	0.0	0.0	Beam
6	Member	6	☐	4.844	y; z	0.0	0.0	Beam
7	Member	7	☐	2.358	y; z	0.0	0.0	Beam
8	Member	8	☐	4.356	y; z	0.0	0.0	Beam
9	Member	9	☐	2.704	y; z	0.0	0.0	Beam
10	Member	10	☐	3.000	y; z	0.0	0.0	Beam
11	Member	11	☐	4.500	y; z	0.0	0.0	Beam
12	Member	12	☐	7.300	y; z	0.0	0.0	Beam
13	Member	13	☐	3.300	y; z	0.0	0.0	Beam
14	Member	14	☐	3.182	y; z	0.0	0.0	Beam
15	Member	15	☐	3.334	y; z	0.0	0.0	Beam
16	Member	16	☐	3.031	y; z	0.0	0.0	Beam
17	Member	17	☐	4.546	y; z	0.0	0.0	Beam
18	Member	18	☐	2.952	y; z	0.0	0.0	Beam
19	Member	19	☐	3.425	y; z	0.0	0.0	Beam
20	Member	20	☐	3.855	y; z	0.0	0.0	Beam
21	Member	21	☐	4.756	y; z	0.0	0.0	Beam
22	Member	22	☐	4.885	y; z	0.0	0.0	Beam
23	Member	23	☐	6.364	y; z	0.0	0.0	Beam
24	Member	24	☐	2.500	y; z	0.0	0.0	Beam
25	Member	25	☐	7.951	y; z	0.0	0.0	Beam
26	Member	26	☐	7.783	y; z	0.0	0.0	Beam
27	Member	27	☐	3.680	y; z	0.0	0.0	Beam
28	Member	28	☐	4.022	y; z	0.0	0.0	Beam
29	Member	29	☐	4.844	y; z	0.0	0.0	Beam
30	Member	30	☐	2.358	y; z	0.0	0.0	Beam
31	Member	31	☐	4.356	y; z	0.0	0.0	Beam
32	Member	32	☐	2.704	y; z	0.0	0.0	Beam
33	Member	33	☐	3.000	y; z	0.0	0.0	Beam
34	Member	34	☐	4.500	y; z	0.0	0.0	Beam
35	Member	35	☐	4.500	y; z	0.0	0.0	Beam
36	Member	36	☐	3.300	y; z	0.0	0.0	Beam
37	Member	37	☐	3.182	y; z	0.0	0.0	Beam
38	Member	38	☐	3.334	y; z	0.0	0.0	Beam
39	Member	39	☐	3.031	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
40	Member	40	☐	4.546	y; z	0.0	0.0	Beam
41	Member	41	☐	2.952	y; z	0.0	0.0	Beam
42	Member	42	☐	3.425	y; z	0.0	0.0	Beam
43	Member	43	☐	3.855	y; z	0.0	0.0	Beam
44	Member	44	☐	4.756	y; z	0.0	0.0	Beam
45	Member	45	☐	4.885	y; z	0.0	0.0	Beam
46	Member	46	☐	6.364	y; z	0.0	0.0	Beam
47	Member	47	☐	7.951	y; z	0.0	0.0	Beam
48	Member	48	☐	7.783	y; z	0.0	0.0	Beam
49	Member	49	☐	3.680	y; z	0.0	0.0	Beam
50	Member	50	☐	4.022	y; z	0.0	0.0	Beam
51	Member	51	☐	4.844	y; z	0.0	0.0	Beam
52	Member	52	☐	2.358	y; z	0.0	0.0	Beam
53	Member	53	☐	4.356	y; z	0.0	0.0	Beam
54	Member	54	☐	2.704	y; z	0.0	0.0	Beam
55	Member	55	☐	3.000	y; z	0.0	0.0	Beam
56	Member	56	☐	4.500	y; z	0.0	0.0	Beam
57	Member	57	☐	3.300	y; z	0.0	0.0	Beam
58	Member	58	☐	3.182	y; z	0.0	0.0	Beam
59	Member	59	☐	3.334	y; z	0.0	0.0	Beam
60	Member	60	☐	3.031	y; z	0.0	0.0	Beam
61	Member	61	☐	4.546	y; z	0.0	0.0	Beam
62	Member	62	☐	2.952	y; z	0.0	0.0	Beam
63	Member	63	☐	3.425	y; z	0.0	0.0	Beam
64	Member	64	☐	3.855	y; z	0.0	0.0	Beam
65	Member	65	☐	4.756	y; z	0.0	0.0	Beam
66	Member	66	☐	4.885	y; z	0.0	0.0	Beam
67	Member	67	☐	6.364	y; z	0.0	0.0	Beam
68	Member	68	☐	2.500	y; z	0.0	0.0	Beam
69	Member	69	☐	7.951	y; z	0.0	0.0	Beam
70	Member	70	☐	7.783	y; z	0.0	0.0	Beam
71	Member	71	☐	3.680	y; z	0.0	0.0	Beam
72	Member	72	☐	4.022	y; z	0.0	0.0	Beam
73	Member	73	☐	4.844	y; z	0.0	0.0	Beam
74	Member	74	☐	2.358	y; z	0.0	0.0	Beam
75	Member	75	☐	4.356	y; z	0.0	0.0	Beam
76	Member	76	☐	2.704	y; z	0.0	0.0	Beam
77	Member	77	☐	3.000	y; z	0.0	0.0	Beam
78	Member	78	☐	4.500	y; z	0.0	0.0	Beam
79	Member	79	☐	4.500	y; z	0.0	0.0	Beam
80	Member	80	☐	3.300	y; z	0.0	0.0	Beam
81	Member	81	☐	3.182	y; z	0.0	0.0	Beam
82	Member	82	☐	3.334	y; z	0.0	0.0	Beam
83	Member	83	☐	3.031	y; z	0.0	0.0	Beam
84	Member	84	☐	4.546	y; z	0.0	0.0	Beam
85	Member	85	☐	2.952	y; z	0.0	0.0	Beam
86	Member	86	☐	3.425	y; z	0.0	0.0	Beam
87	Member	87	☐	3.855	y; z	0.0	0.0	Beam
88	Member	88	☐	4.756	y; z	0.0	0.0	Beam
89	Member	89	☐	4.885	y; z	0.0	0.0	Beam
90	Member	90	☐	6.364	y; z	0.0	0.0	Beam
91	Member	91	☐	7.300	y; z	0.0	0.0	Beam
92	Member	92	☐	7.951	y; z	0.0	0.0	Beam
93	Member	93	☐	7.783	y; z	0.0	0.0	Beam
94	Member	94	☐	3.680	y; z	0.0	0.0	Beam
95	Member	95	☐	4.022	y; z	0.0	0.0	Beam
96	Member	96	☐	4.844	y; z	0.0	0.0	Beam
97	Member	97	☐	2.358	y; z	0.0	0.0	Beam
98	Member	98	☐	4.356	y; z	0.0	0.0	Beam
99	Member	99	☐	2.704	y; z	0.0	0.0	Beam
100	Member	100	☐	3.000	y; z	0.0	0.0	Beam
101	Member	101	☐	4.500	y; z	0.0	0.0	Beam
102	Member	102	☐	3.300	y; z	0.0	0.0	Beam
103	Member	103	☐	3.182	y; z	0.0	0.0	Beam
104	Member	104	☐	3.334	y; z	0.0	0.0	Beam
105	Member	105	☐	3.031	y; z	0.0	0.0	Beam
106	Member	106	☐	4.546	y; z	0.0	0.0	Beam
107	Member	107	☐	2.952	y; z	0.0	0.0	Beam
108	Member	108	☐	3.425	y; z	0.0	0.0	Beam
109	Member	109	☐	3.855	y; z	0.0	0.0	Beam
110	Member	110	☐	4.756	y; z	0.0	0.0	Beam
111	Member	111	☐	4.885	y; z	0.0	0.0	Beam
112	Member	112	☐	6.364	y; z	0.0	0.0	Beam
113	Member	113	☐	2.500	y; z	0.0	0.0	Beam
114	Member	114	☐	7.951	y; z	0.0	0.0	Beam
115	Member	115	☐	7.783	y; z	0.0	0.0	Beam
116	Member	116	☐	3.680	y; z	0.0	0.0	Beam
117	Member	117	☐	4.022	y; z	0.0	0.0	Beam
118	Member	118	☐	4.844	y; z	0.0	0.0	Beam
119	Member	119	☐	2.358	y; z	0.0	0.0	Beam
120	Member	120	☐	4.356	y; z	0.0	0.0	Beam
121	Member	121	☐	2.704	y; z	0.0	0.0	Beam
122	Member	122	☐	3.000	y; z	0.0	0.0	Beam
123	Member	123	☐	4.500	y; z	0.0	0.0	Beam
124	Member	124	☐	4.500	y; z	0.0	0.0	Beam
125	Member	125	☐	3.300	y; z	0.0	0.0	Beam
126	Member	126	☐	3.182	y; z	0.0	0.0	Beam
127	Member	127	☐	3.334	y; z	0.0	0.0	Beam
128	Member	128	☐	3.031	y; z	0.0	0.0	Beam
129	Member	129	☐	4.546	y; z	0.0	0.0	Beam
130	Member	130	☐	2.952	y; z	0.0	0.0	Beam
131	Member	131	☐	3.425	y; z	0.0	0.0	Beam
132	Member	132	☐	3.855	y; z	0.0	0.0	Beam
133	Member	133	☐	4.756	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
134	Member	134	☐	4.885	y; z	0.0	0.0	Beam
135	Member	135	☐	6.364	y; z	0.0	0.0	Beam
136	Member	136	☐	7.300	y; z	0.0	0.0	Beam
137	Member	137	☐	7.951	y; z	0.0	0.0	Beam
138	Member	138	☐	7.783	y; z	0.0	0.0	Beam
139	Member	139	☐	3.680	y; z	0.0	0.0	Beam
140	Member	140	☐	4.022	y; z	0.0	0.0	Beam
141	Member	141	☐	4.844	y; z	0.0	0.0	Beam
142	Member	142	☐	2.358	y; z	0.0	0.0	Beam
143	Member	143	☐	4.356	y; z	0.0	0.0	Beam
144	Member	144	☐	2.704	y; z	0.0	0.0	Beam
145	Member	145	☐	3.000	y; z	0.0	0.0	Beam
146	Member	146	☐	4.500	y; z	0.0	0.0	Beam
147	Member	147	☐	3.300	y; z	0.0	0.0	Beam
148	Member	148	☐	3.182	y; z	0.0	0.0	Beam
149	Member	149	☐	3.334	y; z	0.0	0.0	Beam
150	Member	150	☐	3.031	y; z	0.0	0.0	Beam
151	Member	151	☐	4.546	y; z	0.0	0.0	Beam
152	Member	152	☐	2.952	y; z	0.0	0.0	Beam
153	Member	153	☐	3.425	y; z	0.0	0.0	Beam
154	Member	154	☐	3.855	y; z	0.0	0.0	Beam
155	Member	155	☐	4.756	y; z	0.0	0.0	Beam
156	Member	156	☐	4.885	y; z	0.0	0.0	Beam
157	Member	157	☐	6.364	y; z	0.0	0.0	Beam
158	Member	158	☐	2.500	y; z	0.0	0.0	Beam
159	Member	159	☐	7.951	y; z	0.0	0.0	Beam
160	Member	160	☐	7.783	y; z	0.0	0.0	Beam
161	Member	161	☐	3.680	y; z	0.0	0.0	Beam
162	Member	162	☐	4.022	y; z	0.0	0.0	Beam
163	Member	163	☐	4.844	y; z	0.0	0.0	Beam
164	Member	164	☐	2.358	y; z	0.0	0.0	Beam
165	Member	165	☐	4.356	y; z	0.0	0.0	Beam
166	Member	166	☐	2.704	y; z	0.0	0.0	Beam
167	Member	167	☐	3.000	y; z	0.0	0.0	Beam
168	Member	168	☐	4.500	y; z	0.0	0.0	Beam
169	Member	169	☐	4.500	y; z	0.0	0.0	Beam
170	Member	170	☐	3.300	y; z	0.0	0.0	Beam
171	Member	171	☐	3.182	y; z	0.0	0.0	Beam
172	Member	172	☐	3.334	y; z	0.0	0.0	Beam
173	Member	173	☐	3.031	y; z	0.0	0.0	Beam
174	Member	174	☐	4.546	y; z	0.0	0.0	Beam
175	Member	175	☐	2.952	y; z	0.0	0.0	Beam
176	Member	176	☐	3.425	y; z	0.0	0.0	Beam
177	Member	177	☐	3.855	y; z	0.0	0.0	Beam
178	Member	178	☐	4.756	y; z	0.0	0.0	Beam
179	Member	179	☐	4.885	y; z	0.0	0.0	Beam
180	Member	180	☐	6.364	y; z	0.0	0.0	Beam
181	Member	181	☐	7.300	y; z	0.0	0.0	Beam
182	Member	182	☐	7.951	y; z	0.0	0.0	Beam
183	Member	183	☐	7.783	y; z	0.0	0.0	Beam
184	Member	184	☐	3.680	y; z	0.0	0.0	Beam
185	Member	185	☐	4.022	y; z	0.0	0.0	Beam
186	Member	186	☐	4.844	y; z	0.0	0.0	Beam
187	Member	187	☐	2.358	y; z	0.0	0.0	Beam
188	Member	188	☐	4.356	y; z	0.0	0.0	Beam
189	Member	189	☐	2.704	y; z	0.0	0.0	Beam
190	Member	190	☐	3.000	y; z	0.0	0.0	Beam
191	Member	191	☐	4.500	y; z	0.0	0.0	Beam
192	Member	192	☐	3.300	y; z	0.0	0.0	Beam
193	Member	193	☐	3.182	y; z	0.0	0.0	Beam
194	Member	194	☐	3.334	y; z	0.0	0.0	Beam
195	Member	195	☐	3.031	y; z	0.0	0.0	Beam
196	Member	196	☐	4.546	y; z	0.0	0.0	Beam
197	Member	197	☐	2.952	y; z	0.0	0.0	Beam
198	Member	198	☐	3.425	y; z	0.0	0.0	Beam
199	Member	199	☐	3.855	y; z	0.0	0.0	Beam
200	Member	200	☐	4.756	y; z	0.0	0.0	Beam
201	Member	201	☐	4.885	y; z	0.0	0.0	Beam
202	Member	202	☐	6.364	y; z	0.0	0.0	Beam
203	Member	203	☐	2.500	y; z	0.0	0.0	Beam
204	Member	204	☐	7.951	y; z	0.0	0.0	Beam
205	Member	205	☐	7.783	y; z	0.0	0.0	Beam
206	Member	206	☐	3.680	y; z	0.0	0.0	Beam
207	Member	207	☐	4.022	y; z	0.0	0.0	Beam
208	Member	208	☐	4.844	y; z	0.0	0.0	Beam
209	Member	209	☐	2.358	y; z	0.0	0.0	Beam
210	Member	210	☐	4.356	y; z	0.0	0.0	Beam
211	Member	211	☐	2.704	y; z	0.0	0.0	Beam
212	Member	212	☐	3.000	y; z	0.0	0.0	Beam
213	Member	213	☐	4.500	y; z	0.0	0.0	Beam
214	Member	214	☐	4.500	y; z	0.0	0.0	Beam
215	Member	215	☐	3.300	y; z	0.0	0.0	Beam
216	Member	216	☐	3.182	y; z	0.0	0.0	Beam
217	Member	217	☐	3.334	y; z	0.0	0.0	Beam
218	Member	218	☐	3.031	y; z	0.0	0.0	Beam
219	Member	219	☐	4.546	y; z	0.0	0.0	Beam
220	Member	220	☐	2.952	y; z	0.0	0.0	Beam
221	Member	221	☐	3.425	y; z	0.0	0.0	Beam
222	Member	222	☐	3.855	y; z	0.0	0.0	Beam
223	Member	223	☐	4.756	y; z	0.0	0.0	Beam
224	Member	224	☐	4.885	y; z	0.0	0.0	Beam
225	Member	225	☐	6.364	y; z	0.0	0.0	Beam
226	Member	226	☐	7.300	y; z	0.0	0.0	Beam
227	Member	227	☐	7.951	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
228	Member	228	☐	7.783	y; z	0.0	0.0	Beam
229	Member	229	☐	3.680	y; z	0.0	0.0	Beam
230	Member	230	☐	4.022	y; z	0.0	0.0	Beam
231	Member	231	☐	4.844	y; z	0.0	0.0	Beam
232	Member	232	☐	2.358	y; z	0.0	0.0	Beam
233	Member	233	☐	4.356	y; z	0.0	0.0	Beam
234	Member	234	☐	2.704	y; z	0.0	0.0	Beam
235	Member	235	☐	3.000	y; z	0.0	0.0	Beam
236	Member	236	☐	4.500	y; z	0.0	0.0	Beam
237	Member	237	☐	3.300	y; z	0.0	0.0	Beam
238	Member	238	☐	3.182	y; z	0.0	0.0	Beam
239	Member	239	☐	3.334	y; z	0.0	0.0	Beam
240	Member	240	☐	3.031	y; z	0.0	0.0	Beam
241	Member	241	☐	4.546	y; z	0.0	0.0	Beam
242	Member	242	☐	2.952	y; z	0.0	0.0	Beam
243	Member	243	☐	3.425	y; z	0.0	0.0	Beam
244	Member	244	☐	3.855	y; z	0.0	0.0	Beam
245	Member	245	☐	4.756	y; z	0.0	0.0	Beam
246	Member	246	☐	4.885	y; z	0.0	0.0	Beam
247	Member	247	☐	6.364	y; z	0.0	0.0	Beam
248	Member	248	☐	2.500	y; z	0.0	0.0	Beam
249	Member	249	☐	7.951	y; z	0.0	0.0	Beam
250	Member	250	☐	7.783	y; z	0.0	0.0	Beam
251	Member	251	☐	3.680	y; z	0.0	0.0	Beam
252	Member	252	☐	4.022	y; z	0.0	0.0	Beam
253	Member	253	☐	4.844	y; z	0.0	0.0	Beam
254	Member	254	☐	2.358	y; z	0.0	0.0	Beam
255	Member	255	☐	4.356	y; z	0.0	0.0	Beam
256	Member	256	☐	2.704	y; z	0.0	0.0	Beam
257	Member	257	☐	3.000	y; z	0.0	0.0	Beam
258	Member	258	☐	4.500	y; z	0.0	0.0	Beam
259	Member	259	☐	4.500	y; z	0.0	0.0	Beam
260	Member	260	☐	3.300	y; z	0.0	0.0	Beam
261	Member	261	☐	3.182	y; z	0.0	0.0	Beam
262	Member	262	☐	3.334	y; z	0.0	0.0	Beam
263	Member	263	☐	3.031	y; z	0.0	0.0	Beam
264	Member	264	☐	4.546	y; z	0.0	0.0	Beam
265	Member	265	☐	2.952	y; z	0.0	0.0	Beam
266	Member	266	☐	3.425	y; z	0.0	0.0	Beam
267	Member	267	☐	3.855	y; z	0.0	0.0	Beam
268	Member	268	☐	4.756	y; z	0.0	0.0	Beam
269	Member	269	☐	4.885	y; z	0.0	0.0	Beam
270	Member	270	☐	6.364	y; z	0.0	0.0	Beam
271	Member	271	☐	7.300	y; z	0.0	0.0	Beam
272	Member	272	☐	7.951	y; z	0.0	0.0	Beam
273	Member	273	☐	7.783	y; z	0.0	0.0	Beam
274	Member	274	☐	3.680	y; z	0.0	0.0	Beam
275	Member	275	☐	4.022	y; z	0.0	0.0	Beam
276	Member	276	☐	4.844	y; z	0.0	0.0	Beam
277	Member	277	☐	2.358	y; z	0.0	0.0	Beam
278	Member	278	☐	4.356	y; z	0.0	0.0	Beam
279	Member	279	☐	2.704	y; z	0.0	0.0	Beam
280	Member	280	☐	3.000	y; z	0.0	0.0	Beam
281	Member	281	☐	4.500	y; z	0.0	0.0	Beam
282	Member	282	☐	3.300	y; z	0.0	0.0	Beam
283	Member	283	☐	3.182	y; z	0.0	0.0	Beam
284	Member	284	☐	3.334	y; z	0.0	0.0	Beam
285	Member	285	☐	3.031	y; z	0.0	0.0	Beam
286	Member	286	☐	4.546	y; z	0.0	0.0	Beam
287	Member	287	☐	2.952	y; z	0.0	0.0	Beam
288	Member	288	☐	3.425	y; z	0.0	0.0	Beam
289	Member	289	☐	3.855	y; z	0.0	0.0	Beam
290	Member	290	☐	4.756	y; z	0.0	0.0	Beam
291	Member	291	☐	4.885	y; z	0.0	0.0	Beam
292	Member	292	☐	6.364	y; z	0.0	0.0	Beam
293	Member	293	☐	2.500	y; z	0.0	0.0	Beam
294	Member	294	☐	7.951	y; z	0.0	0.0	Beam
295	Member	295	☐	7.783	y; z	0.0	0.0	Beam
296	Member	296	☐	3.680	y; z	0.0	0.0	Beam
297	Member	297	☐	4.022	y; z	0.0	0.0	Beam
298	Member	298	☐	4.844	y; z	0.0	0.0	Beam
299	Member	299	☐	2.358	y; z	0.0	0.0	Beam
300	Member	300	☐	4.356	y; z	0.0	0.0	Beam
301	Member	301	☐	2.704	y; z	0.0	0.0	Beam
302	Member	302	☐	3.000	y; z	0.0	0.0	Beam
303	Member	303	☐	4.500	y; z	0.0	0.0	Beam
304	Member	304	☐	4.500	y; z	0.0	0.0	Beam
305	Member	305	☐	3.300	y; z	0.0	0.0	Beam
306	Member	306	☐	3.182	y; z	0.0	0.0	Beam
307	Member	307	☐	3.334	y; z	0.0	0.0	Beam
308	Member	308	☐	3.031	y; z	0.0	0.0	Beam
309	Member	309	☐	4.546	y; z	0.0	0.0	Beam
310	Member	310	☐	2.952	y; z	0.0	0.0	Beam
311	Member	311	☐	3.425	y; z	0.0	0.0	Beam
312	Member	312	☐	3.855	y; z	0.0	0.0	Beam
313	Member	313	☐	4.756	y; z	0.0	0.0	Beam
314	Member	314	☐	4.885	y; z	0.0	0.0	Beam
315	Member	315	☐	6.364	y; z	0.0	0.0	Beam
316	Member	316	☐	7.300	y; z	0.0	0.0	Beam
317	Member	317	☐	7.951	y; z	0.0	0.0	Beam
318	Member	318	☐	7.783	y; z	0.0	0.0	Beam
319	Member	319	☐	3.680	y; z	0.0	0.0	Beam
320	Member	320	☐	4.022	y; z	0.0	0.0	Beam
321	Member	321	☐	4.844	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
322	Member	322	☐	2.358	y; z	0.0	0.0	Beam
323	Member	323	☐	4.356	y; z	0.0	0.0	Beam
324	Member	324	☐	2.704	y; z	0.0	0.0	Beam
325	Member	325	☐	3.000	y; z	0.0	0.0	Beam
326	Member	326	☐	4.500	y; z	0.0	0.0	Beam
327	Member	327	☐	3.300	y; z	0.0	0.0	Beam
328	Member	328	☐	3.182	y; z	0.0	0.0	Beam
329	Member	329	☐	3.334	y; z	0.0	0.0	Beam
330	Member	330	☐	3.031	y; z	0.0	0.0	Beam
331	Member	331	☐	4.546	y; z	0.0	0.0	Beam
332	Member	332	☐	2.952	y; z	0.0	0.0	Beam
333	Member	333	☐	3.425	y; z	0.0	0.0	Beam
334	Member	334	☐	3.855	y; z	0.0	0.0	Beam
335	Member	335	☐	4.756	y; z	0.0	0.0	Beam
336	Member	336	☐	4.885	y; z	0.0	0.0	Beam
337	Member	337	☐	6.364	y; z	0.0	0.0	Beam
338	Member	338	☐	2.500	y; z	0.0	0.0	Beam
339	Member	339	☐	7.951	y; z	0.0	0.0	Beam
340	Member	340	☐	7.783	y; z	0.0	0.0	Beam
341	Member	341	☐	3.680	y; z	0.0	0.0	Beam
342	Member	342	☐	4.022	y; z	0.0	0.0	Beam
343	Member	343	☐	4.844	y; z	0.0	0.0	Beam
344	Member	344	☐	2.358	y; z	0.0	0.0	Beam
345	Member	345	☐	4.356	y; z	0.0	0.0	Beam
346	Member	346	☐	2.704	y; z	0.0	0.0	Beam
347	Member	347	☐	3.000	y; z	0.0	0.0	Beam
348	Member	348	☐	4.500	y; z	0.0	0.0	Beam
349	Member	349	☐	4.500	y; z	0.0	0.0	Beam
350	Member	350	☐	3.300	y; z	0.0	0.0	Beam
351	Member	351	☐	3.182	y; z	0.0	0.0	Beam
352	Member	352	☐	3.334	y; z	0.0	0.0	Beam
353	Member	353	☐	3.031	y; z	0.0	0.0	Beam
354	Member	354	☐	4.546	y; z	0.0	0.0	Beam
355	Member	355	☐	2.952	y; z	0.0	0.0	Beam
356	Member	356	☐	3.425	y; z	0.0	0.0	Beam
357	Member	357	☐	3.855	y; z	0.0	0.0	Beam
358	Member	358	☐	4.756	y; z	0.0	0.0	Beam
359	Member	359	☐	4.885	y; z	0.0	0.0	Beam
360	Member	360	☐	6.364	y; z	0.0	0.0	Beam
361	Member	361	☐	7.300	y; z	0.0	0.0	Beam
362	Member	362	☐	7.951	y; z	0.0	0.0	Beam
363	Member	363	☐	7.783	y; z	0.0	0.0	Beam
364	Member	364	☐	3.680	y; z	0.0	0.0	Beam
365	Member	365	☐	4.022	y; z	0.0	0.0	Beam
366	Member	366	☐	4.844	y; z	0.0	0.0	Beam
367	Member	367	☐	2.358	y; z	0.0	0.0	Beam
368	Member	368	☐	4.356	y; z	0.0	0.0	Beam
369	Member	369	☐	2.704	y; z	0.0	0.0	Beam
370	Member	370	☐	3.000	y; z	0.0	0.0	Beam
371	Member	371	☐	4.500	y; z	0.0	0.0	Beam
372	Member	372	☐	3.300	y; z	0.0	0.0	Beam
373	Member	373	☐	3.182	y; z	0.0	0.0	Beam
374	Member	374	☐	3.334	y; z	0.0	0.0	Beam
375	Member	375	☐	3.031	y; z	0.0	0.0	Beam
376	Member	376	☐	4.546	y; z	0.0	0.0	Beam
377	Member	377	☐	2.952	y; z	0.0	0.0	Beam
378	Member	378	☐	3.425	y; z	0.0	0.0	Beam
379	Member	379	☐	3.855	y; z	0.0	0.0	Beam
380	Member	380	☐	4.756	y; z	0.0	0.0	Beam
381	Member	381	☐	4.885	y; z	0.0	0.0	Beam
382	Member	382	☐	6.364	y; z	0.0	0.0	Beam
383	Member	383	☐	2.500	y; z	0.0	0.0	Beam
384	Member	384	☐	7.951	y; z	0.0	0.0	Beam
385	Member	385	☐	7.783	y; z	0.0	0.0	Beam
386	Member	386	☐	3.680	y; z	0.0	0.0	Beam
387	Member	387	☐	4.022	y; z	0.0	0.0	Beam
388	Member	388	☐	4.844	y; z	0.0	0.0	Beam
389	Member	389	☐	2.358	y; z	0.0	0.0	Beam
390	Member	390	☐	4.356	y; z	0.0	0.0	Beam
391	Member	391	☐	2.704	y; z	0.0	0.0	Beam
392	Member	392	☐	3.000	y; z	0.0	0.0	Beam
393	Member	393	☐	4.500	y; z	0.0	0.0	Beam
394	Member	394	☐	4.500	y; z	0.0	0.0	Beam
395	Member	395	☐	3.300	y; z	0.0	0.0	Beam
396	Member	396	☐	3.182	y; z	0.0	0.0	Beam
397	Member	397	☐	3.334	y; z	0.0	0.0	Beam
398	Member	398	☐	3.031	y; z	0.0	0.0	Beam
399	Member	399	☐	4.546	y; z	0.0	0.0	Beam
400	Member	400	☐	2.952	y; z	0.0	0.0	Beam
401	Member	401	☐	3.425	y; z	0.0	0.0	Beam
402	Member	402	☐	3.855	y; z	0.0	0.0	Beam
403	Member	403	☐	4.756	y; z	0.0	0.0	Beam
404	Member	404	☐	4.885	y; z	0.0	0.0	Beam
405	Member	405	☐	6.364	y; z	0.0	0.0	Beam
406	Member	406	☐	7.300	y; z	0.0	0.0	Beam
407	Member	407	☐	7.951	y; z	0.0	0.0	Beam
408	Member	408	☐	7.783	y; z	0.0	0.0	Beam
409	Member	409	☐	3.680	y; z	0.0	0.0	Beam
410	Member	410	☐	4.022	y; z	0.0	0.0	Beam
411	Member	411	☐	4.844	y; z	0.0	0.0	Beam
412	Member	412	☐	2.358	y; z	0.0	0.0	Beam
413	Member	413	☐	4.356	y; z	0.0	0.0	Beam
414	Member	414	☐	2.704	y; z	0.0	0.0	Beam
415	Member	415	☐	3.000	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
416	Member	416	☐	4.500	y; z	0.0	0.0	Beam
417	Member	417	☐	3.300	y; z	0.0	0.0	Beam
418	Member	418	☐	3.182	y; z	0.0	0.0	Beam
419	Member	419	☐	3.334	y; z	0.0	0.0	Beam
420	Member	420	☐	3.031	y; z	0.0	0.0	Beam
421	Member	421	☐	4.546	y; z	0.0	0.0	Beam
422	Member	422	☐	2.952	y; z	0.0	0.0	Beam
423	Member	423	☐	3.425	y; z	0.0	0.0	Beam
424	Member	424	☐	3.855	y; z	0.0	0.0	Beam
425	Member	425	☐	4.756	y; z	0.0	0.0	Beam
426	Member	426	☐	4.885	y; z	0.0	0.0	Beam
427	Member	427	☐	6.364	y; z	0.0	0.0	Beam
428	Member	428	☐	2.500	y; z	0.0	0.0	Beam
429	Member	429	☐	7.951	y; z	0.0	0.0	Beam
430	Member	430	☐	7.783	y; z	0.0	0.0	Beam
431	Member	431	☐	3.680	y; z	0.0	0.0	Beam
432	Member	432	☐	4.022	y; z	0.0	0.0	Beam
433	Member	433	☐	4.844	y; z	0.0	0.0	Beam
434	Member	434	☐	2.358	y; z	0.0	0.0	Beam
435	Member	435	☐	4.356	y; z	0.0	0.0	Beam
436	Member	436	☐	2.704	y; z	0.0	0.0	Beam
437	Member	437	☐	3.000	y; z	0.0	0.0	Beam
438	Member	438	☐	4.500	y; z	0.0	0.0	Beam
439	Member	439	☐	4.500	y; z	0.0	0.0	Beam
440	Member	440	☐	3.300	y; z	0.0	0.0	Beam
441	Member	441	☐	3.182	y; z	0.0	0.0	Beam
442	Member	442	☐	3.334	y; z	0.0	0.0	Beam
443	Member	443	☐	3.031	y; z	0.0	0.0	Beam
444	Member	444	☐	4.546	y; z	0.0	0.0	Beam
445	Member	445	☐	2.952	y; z	0.0	0.0	Beam
446	Member	446	☐	3.425	y; z	0.0	0.0	Beam
447	Member	447	☐	3.855	y; z	0.0	0.0	Beam
448	Member	448	☐	4.756	y; z	0.0	0.0	Beam
449	Member	449	☐	4.885	y; z	0.0	0.0	Beam
450	Member	450	☐	6.364	y; z	0.0	0.0	Beam
451	Member	451	☐	7.300	y; z	0.0	0.0	Beam
452	Member	452	☐	7.951	y; z	0.0	0.0	Beam
453	Member	453	☐	7.783	y; z	0.0	0.0	Beam
454	Member	454	☐	3.680	y; z	0.0	0.0	Beam
455	Member	455	☐	4.022	y; z	0.0	0.0	Beam
456	Member	456	☐	4.844	y; z	0.0	0.0	Beam
457	Member	457	☐	2.358	y; z	0.0	0.0	Beam
458	Member	458	☐	4.356	y; z	0.0	0.0	Beam
459	Member	459	☐	2.704	y; z	0.0	0.0	Beam
460	Member	460	☐	3.000	y; z	0.0	0.0	Beam
461	Member	461	☐	4.500	y; z	0.0	0.0	Beam
462	Member	462	☐	3.300	y; z	0.0	0.0	Beam
463	Member	463	☐	3.182	y; z	0.0	0.0	Beam
464	Member	464	☐	3.334	y; z	0.0	0.0	Beam
465	Member	465	☐	3.031	y; z	0.0	0.0	Beam
466	Member	466	☐	4.546	y; z	0.0	0.0	Beam
467	Member	467	☐	2.952	y; z	0.0	0.0	Beam
468	Member	468	☐	3.425	y; z	0.0	0.0	Beam
469	Member	469	☐	3.855	y; z	0.0	0.0	Beam
470	Member	470	☐	4.756	y; z	0.0	0.0	Beam
471	Member	471	☐	4.885	y; z	0.0	0.0	Beam
472	Member	472	☐	6.364	y; z	0.0	0.0	Beam
473	Member	473	☐	2.500	y; z	0.0	0.0	Beam
474	Member	474	☐	7.951	y; z	0.0	0.0	Beam
475	Member	475	☐	7.783	y; z	0.0	0.0	Beam
476	Member	476	☐	3.680	y; z	0.0	0.0	Beam
477	Member	477	☐	4.022	y; z	0.0	0.0	Beam
478	Member	478	☐	4.844	y; z	0.0	0.0	Beam
479	Member	479	☐	2.358	y; z	0.0	0.0	Beam
480	Member	480	☐	4.356	y; z	0.0	0.0	Beam
481	Member	481	☐	2.704	y; z	0.0	0.0	Beam
482	Member	482	☐	3.000	y; z	0.0	0.0	Beam
483	Member	483	☐	4.500	y; z	0.0	0.0	Beam
484	Member	484	☐	4.500	y; z	0.0	0.0	Beam
485	Member	485	☐	3.300	y; z	0.0	0.0	Beam
486	Member	486	☐	3.182	y; z	0.0	0.0	Beam
487	Member	487	☐	3.334	y; z	0.0	0.0	Beam
488	Member	488	☐	3.031	y; z	0.0	0.0	Beam
489	Member	489	☐	4.546	y; z	0.0	0.0	Beam
490	Member	490	☐	2.952	y; z	0.0	0.0	Beam
491	Member	491	☐	3.425	y; z	0.0	0.0	Beam
492	Member	492	☐	3.855	y; z	0.0	0.0	Beam
493	Member	493	☐	4.756	y; z	0.0	0.0	Beam
494	Member	494	☐	4.885	y; z	0.0	0.0	Beam
495	Member	495	☐	6.364	y; z	0.0	0.0	Beam
496	Member	496	☐	5.000	y; z	0.0	0.0	Beam
497	Member	497	☐	5.000	y; z	0.0	0.0	Beam
498	Member	498	☐	5.000	y; z	0.0	0.0	Beam
499	Member	499	☐	5.000	y; z	0.0	0.0	Beam
500	Member	500	☐	5.000	y; z	0.0	0.0	Beam
501	Member	501	☐	5.000	y; z	0.0	0.0	Beam
502	Member	502	☐	5.000	y; z	0.0	0.0	Beam
503	Member	503	☐	5.000	y; z	0.0	0.0	Beam
504	Member	504	☐	5.000	y; z	0.0	0.0	Beam
505	Member	505	☐	5.000	y; z	0.0	0.0	Beam
506	Member	506	☐	5.000	y; z	0.0	0.0	Beam
507	Member	507	☐	5.000	y; z	0.0	0.0	Beam
508	Member	508	☐	5.000	y; z	0.0	0.0	Beam
509	Member	509	☐	5.000	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
510	Member	510	☐	5.000	y; z	0.0	0.0	Beam
511	Member	511	☐	5.000	y; z	0.0	0.0	Beam
512	Member	512	☐	5.000	y; z	0.0	0.0	Beam
513	Member	513	☐	5.000	y; z	0.0	0.0	Beam
514	Member	514	☐	5.000	y; z	0.0	0.0	Beam
515	Member	515	☐	5.000	y; z	0.0	0.0	Beam
516	Member	516	☐	5.000	y; z	0.0	0.0	Beam
517	Member	517	☐	5.000	y; z	0.0	0.0	Beam
518	Member	518	☐	5.000	y; z	0.0	0.0	Beam
519	Member	519	☐	5.000	y; z	0.0	0.0	Beam
520	Member	520	☐	5.000	y; z	0.0	0.0	Beam
521	Member	521	☐	5.000	y; z	0.0	0.0	Beam
522	Member	522	☐	5.000	y; z	0.0	0.0	Beam
523	Member	523	☐	5.000	y; z	0.0	0.0	Beam
524	Member	524	☐	5.000	y; z	0.0	0.0	Beam
525	Member	525	☐	5.000	y; z	0.0	0.0	Beam
526	Member	526	☐	5.000	y; z	0.0	0.0	Beam
527	Member	527	☐	5.000	y; z	0.0	0.0	Beam
528	Member	528	☐	5.000	y; z	0.0	0.0	Beam
529	Member	529	☐	5.000	y; z	0.0	0.0	Beam
530	Member	530	☐	5.000	y; z	0.0	0.0	Beam
531	Member	531	☐	5.000	y; z	0.0	0.0	Beam
532	Member	532	☐	5.000	y; z	0.0	0.0	Beam
533	Member	533	☐	5.000	y; z	0.0	0.0	Beam
534	Member	534	☐	5.000	y; z	0.0	0.0	Beam
535	Member	535	☐	5.000	y; z	0.0	0.0	Beam
536	Member	536	☐	5.000	y; z	0.0	0.0	Beam
537	Member	537	☐	5.000	y; z	0.0	0.0	Beam
538	Member	538	☐	5.000	y; z	0.0	0.0	Beam
539	Member	539	☐	5.000	y; z	0.0	0.0	Beam
540	Member	540	☐	5.000	y; z	0.0	0.0	Beam
541	Member	541	☐	5.000	y; z	0.0	0.0	Beam
542	Member	542	☐	5.000	y; z	0.0	0.0	Beam
543	Member	543	☐	5.000	y; z	0.0	0.0	Beam
544	Member	544	☐	5.000	y; z	0.0	0.0	Beam
545	Member	545	☐	5.000	y; z	0.0	0.0	Beam
546	Member	546	☐	5.000	y; z	0.0	0.0	Beam
547	Member	547	☐	5.000	y; z	0.0	0.0	Beam
548	Member	548	☐	5.000	y; z	0.0	0.0	Beam
549	Member	549	☐	5.000	y; z	0.0	0.0	Beam
550	Member	550	☐	5.000	y; z	0.0	0.0	Beam
551	Member	551	☐	5.000	y; z	0.0	0.0	Beam
552	Member	552	☐	5.000	y; z	0.0	0.0	Beam
553	Member	553	☐	5.000	y; z	0.0	0.0	Beam
554	Member	554	☐	5.000	y; z	0.0	0.0	Beam
555	Member	555	☐	5.000	y; z	0.0	0.0	Beam
556	Member	556	☐	5.000	y; z	0.0	0.0	Beam
557	Member	557	☐	5.000	y; z	0.0	0.0	Beam
558	Member	558	☐	5.000	y; z	0.0	0.0	Beam
559	Member	559	☐	5.000	y; z	0.0	0.0	Beam
560	Member	560	☐	5.000	y; z	0.0	0.0	Beam
561	Member	561	☐	5.000	y; z	0.0	0.0	Beam
562	Member	562	☐	5.000	y; z	0.0	0.0	Beam
563	Member	563	☐	5.000	y; z	0.0	0.0	Beam
564	Member	564	☐	5.000	y; z	0.0	0.0	Beam
565	Member	565	☐	5.000	y; z	0.0	0.0	Beam
566	Member	566	☐	5.000	y; z	0.0	0.0	Beam
567	Member	567	☐	5.000	y; z	0.0	0.0	Beam
568	Member	568	☐	5.000	y; z	0.0	0.0	Beam
569	Member	569	☐	5.000	y; z	0.0	0.0	Beam
570	Member	570	☐	5.000	y; z	0.0	0.0	Beam
571	Member	571	☐	5.000	y; z	0.0	0.0	Beam
572	Member	572	☐	5.000	y; z	0.0	0.0	Beam
573	Member	573	☐	5.000	y; z	0.0	0.0	Beam
574	Member	574	☐	5.000	y; z	0.0	0.0	Beam
575	Member	575	☐	5.000	y; z	0.0	0.0	Beam
576	Member	576	☐	5.000	y; z	0.0	0.0	Beam
577	Member	577	☐	5.000	y; z	0.0	0.0	Beam
578	Member	578	☐	5.000	y; z	0.0	0.0	Beam
579	Member	579	☐	5.000	y; z	0.0	0.0	Beam
580	Member	580	☐	5.000	y; z	0.0	0.0	Beam
581	Member	581	☐	5.000	y; z	0.0	0.0	Beam
582	Member	582	☐	5.000	y; z	0.0	0.0	Beam
583	Member	583	☐	5.000	y; z	0.0	0.0	Beam
584	Member	584	☐	5.000	y; z	0.0	0.0	Beam
585	Member	585	☐	5.000	y; z	0.0	0.0	Beam
586	Member	586	☐	5.000	y; z	0.0	0.0	Beam
587	Member	587	☐	5.000	y; z	0.0	0.0	Beam
588	Member	588	☐	5.000	y; z	0.0	0.0	Beam
589	Member	589	☐	5.000	y; z	0.0	0.0	Beam
590	Member	590	☐	5.000	y; z	0.0	0.0	Beam
591	Member	591	☐	5.000	y; z	0.0	0.0	Beam
592	Member	592	☐	5.000	y; z	0.0	0.0	Beam
593	Member	593	☐	5.000	y; z	0.0	0.0	Beam
594	Member	594	☐	5.000	y; z	0.0	0.0	Beam
595	Member	595	☐	5.000	y; z	0.0	0.0	Beam
596	Member	596	☐	5.000	y; z	0.0	0.0	Beam
597	Member	597	☐	5.000	y; z	0.0	0.0	Beam
598	Member	598	☐	5.000	y; z	0.0	0.0	Beam
599	Member	599	☐	5.000	y; z	0.0	0.0	Beam
600	Member	600	☐	5.000	y; z	0.0	0.0	Beam
601	Member	601	☐	5.000	y; z	0.0	0.0	Beam
602	Member	602	☐	5.000	y; z	0.0	0.0	Beam
603	Member	603	☐	5.000	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
604	Member	604	☐	5.000	y; z	0.0	0.0	Beam
605	Member	605	☐	5.000	y; z	0.0	0.0	Beam
606	Member	606	☐	5.000	y; z	0.0	0.0	Beam
607	Member	607	☐	5.000	y; z	0.0	0.0	Beam
608	Member	608	☐	5.000	y; z	0.0	0.0	Beam
609	Member	609	☐	5.000	y; z	0.0	0.0	Beam
610	Member	610	☐	5.000	y; z	0.0	0.0	Beam
611	Member	611	☐	5.000	y; z	0.0	0.0	Beam
612	Member	612	☐	5.000	y; z	0.0	0.0	Beam
613	Member	613	☐	5.000	y; z	0.0	0.0	Beam
614	Member	614	☐	5.000	y; z	0.0	0.0	Beam
615	Member	615	☐	5.000	y; z	0.0	0.0	Beam
616	Member	616	☐	5.000	y; z	0.0	0.0	Beam
617	Member	617	☐	5.000	y; z	0.0	0.0	Beam
618	Member	618	☐	5.000	y; z	0.0	0.0	Beam
619	Member	619	☐	5.000	y; z	0.0	0.0	Beam
620	Member	620	☐	5.000	y; z	0.0	0.0	Beam
621	Member	621	☐	5.000	y; z	0.0	0.0	Beam
622	Member	622	☐	5.000	y; z	0.0	0.0	Beam
623	Member	623	☐	5.000	y; z	0.0	0.0	Beam
624	Member	624	☐	5.000	y; z	0.0	0.0	Beam
625	Member	625	☐	5.000	y; z	0.0	0.0	Beam
626	Member	626	☐	5.000	y; z	0.0	0.0	Beam
627	Member	627	☐	2.500	y; z	0.0	0.0	Beam
628	Member	628	☐	2.500	y; z	0.0	0.0	Beam
629	Member	629	☐	5.000	y; z	0.0	0.0	Beam
630	Member	630	☐	2.500	y; z	0.0	0.0	Beam
631	Member	631	☐	5.000	y; z	0.0	0.0	Beam
632	Member	632	☐	2.500	y; z	0.0	0.0	Beam
633	Member	633	☐	5.000	y; z	0.0	0.0	Beam
634	Member	634	☐	2.500	y; z	0.0	0.0	Beam
635	Member	635	☐	5.000	y; z	0.0	0.0	Beam
636	Member	636	☐	2.500	y; z	0.0	0.0	Beam
637	Member	637	☐	5.000	y; z	0.0	0.0	Beam
638	Member	638	☐	2.500	y; z	0.0	0.0	Beam
639	Member	639	☐	5.000	y; z	0.0	0.0	Beam
640	Member	640	☐	2.500	y; z	0.0	0.0	Beam
641	Member	641	☐	5.000	y; z	0.0	0.0	Beam
642	Member	642	☐	2.500	y; z	0.0	0.0	Beam
643	Member	643	☐	5.000	y; z	0.0	0.0	Beam
644	Member	644	☐	2.500	y; z	0.0	0.0	Beam
645	Member	645	☐	5.000	y; z	0.0	0.0	Beam
646	Member	646	☐	2.500	y; z	0.0	0.0	Beam
647	Member	647	☐	5.000	y; z	0.0	0.0	Beam
648	Member	648	☐	7.300	y; z	0.0	0.0	Beam
649	Member	649	☐	7.300	y; z	0.0	0.0	Beam
650	Member	650	☐	5.000	y; z	0.0	0.0	Beam
651	Member	651	☐	7.300	y; z	0.0	0.0	Beam
652	Member	652	☐	5.000	y; z	0.0	0.0	Beam
653	Member	653	☐	7.300	y; z	0.0	0.0	Beam
654	Member	654	☐	5.000	y; z	0.0	0.0	Beam
655	Member	655	☐	7.300	y; z	0.0	0.0	Beam
656	Member	656	☐	5.000	y; z	0.0	0.0	Beam
657	Member	657	☐	7.300	y; z	0.0	0.0	Beam
658	Member	658	☐	5.000	y; z	0.0	0.0	Beam
659	Member	659	☐	7.300	y; z	0.0	0.0	Beam
660	Member	660	☐	5.000	y; z	0.0	0.0	Beam
661	Member	661	☐	7.300	y; z	0.0	0.0	Beam
662	Member	662	☐	5.000	y; z	0.0	0.0	Beam
663	Member	663	☐	7.300	y; z	0.0	0.0	Beam
664	Member	664	☐	5.000	y; z	0.0	0.0	Beam
665	Member	665	☐	7.300	y; z	0.0	0.0	Beam
666	Member	666	☐	5.000	y; z	0.0	0.0	Beam
667	Member	667	☐	7.300	y; z	0.0	0.0	Beam
668	Member	668	☐	8.848	y; z	0.0	0.0	Beam
669	Member	669	☐	8.848	y; z	0.0	0.0	Beam
670	Member	670	☐	8.848	y; z	0.0	0.0	Beam
671	Member	671	☐	8.848	y; z	0.0	0.0	Beam
672	Member	672	☐	8.848	y; z	0.0	0.0	Beam
673	Member	673	☐	8.848	y; z	0.0	0.0	Beam
674	Member	674	☐	8.848	y; z	0.0	0.0	Beam
675	Member	675	☐	8.848	y; z	0.0	0.0	Beam
676	Member	676	☐	8.848	y; z	0.0	0.0	Beam
677	Member	677	☐	8.848	y; z	0.0	0.0	Beam
678	Member	678	☐	8.848	y; z	0.0	0.0	Beam
679	Member	679	☐	8.848	y; z	0.0	0.0	Beam
680	Member	680	☐	8.848	y; z	0.0	0.0	Beam
681	Member	681	☐	8.848	y; z	0.0	0.0	Beam
682	Member	682	☐	8.848	y; z	0.0	0.0	Beam
683	Member	683	☐	8.848	y; z	0.0	0.0	Beam
684	Member	684	☐	8.848	y; z	0.0	0.0	Beam
685	Member	685	☐	8.848	y; z	0.0	0.0	Beam
686	Member	686	☐	8.848	y; z	0.0	0.0	Beam
687	Member	687	☐	8.848	y; z	0.0	0.0	Beam
688	Member	688	☐	5.000	y; z	0.0	0.0	Beam
689	Member	689	☐	5.806	y; z	0.0	0.0	Beam
690	Member	690	☐	5.000	y; z	0.0	0.0	Beam
691	Member	691	☐	5.000	y; z	0.0	0.0	Beam
692	Member	692	☐	5.000	y; z	0.0	0.0	Beam
693	Member	693	☐	5.000	y; z	0.0	0.0	Beam
694	Member	694	☐	5.000	y; z	0.0	0.0	Beam
695	Member	695	☐	5.000	y; z	0.0	0.0	Beam
696	Member	696	☐	5.806	y; z	0.0	0.0	Beam
697	Member	697	☐	5.000	y; z	0.0	0.0	Beam

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length L [m]	Direct.	Precamber $w_{c,y}$[mm]	Precamber $w_{c,z}$[mm]	Beam Type
698	Member	698	☐	5.806	y; z	0.0	0.0	Beam
699	Member	699	☐	5.000	y; z	0.0	0.0	Beam
700	Member	700	☐	5.000	y; z	0.0	0.0	Beam
701	Member	701	☐	5.000	y; z	0.0	0.0	Beam
702	Member	702	☐	5.000	y; z	0.0	0.0	Beam
703	Member	703	☐	5.000	y; z	0.0	0.0	Beam
704	Member	704	☐	5.000	y; z	0.0	0.0	Beam
705	Member	705	☐	5.806	y; z	0.0	0.0	Beam

1.10 FIRE RESISTANCE - MEMBERS

No.	Members No.	Exp. to Fire Four Sides	Exp. to Fire Top	Exp. to Fire Bottom	Exp. to Fire Left	Exp. to Fire Right
1	58-61,81-84,103-106,126-129, 148-151,171-174,193-196,216-219, 238-241,261-264,283-286,306-309, 328-331,351-354,373-376,396-399, 418-421,441-444	☐	☐	☒	☒	☒
2	14-17,37-40	☐	☐	☒	☒	☐
3	463-466,486-489	☐	☐	☒	☐	☒
4	28,50,62-67,72,79,85-90,95, 107-112,117,124,130-135,140, 152-157,162,169,175-180,185, 197-202,207,214,220-225,230, 242-247,252,259,265-270,275, 287-292,297,304,310-315,320, 332-337,342,349,355-360,365, 377-382,387,394,400-405,410, 422-427,432,439,445-450,689,696, 698,705	☒	☒	☒	☒	☒
5	455,467-472,477,484,490-495	☐	☒	☒	☒	☐
6	5,18-23,28,35,41-46	☐	☒	☒	☒	☐
7	55-57,77,78,80,100-102,122,123, 125,145-147,167,168,170,190-192, 212,213,215,235-237,257,258,260, 280-282,302,303,305,325-327,347, 348,350,370-372,392,393,395, 415-417,437,438,440,688,690-695, 697,699-704	☒	☒	☒	☒	☒
8	10,11,13,33,34,36,460-462,482, 483,485	☐	☒	☒	☒	☐
9	2,25,47,69,92,114,137,159,182, 204,227,249,272,294,317,339,362, 384,407,429,452,474	☒	☒	☒	☒	☒
10	516-560,563-567,570-574,577-581, 584-588,591-595,598-602,605-609, 612-616,619-623	☐	☐	☒	☒	☒

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
1	**T-Rectangle 360/360 - Seccion PilaresCentrales**						
	655	5.475	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	203	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1	0.913	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	113	0.000	CO523	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	451	7.300	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	473	0.750	CO523	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	68	0.750	CO523	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	648	5.840	CO259	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	113	0.000	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	203	0.000	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	648	6.388	LC18	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	648	7.300	LC15	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	634	2.500	CO268	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	451	0.913	CO259	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	667	7.300	CO523	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	181	0.913	CO268	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	634	2.500	CO268	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	451	0.913	CO268	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	451	0.000	CO523	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	91	4.380	CO898	0.31	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - I

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
							Inner span, z-direction
	451	2.738	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
2	**T-Rectangle 180/220 - Seccion PilaresVExteriores**						
	183	3.113	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	48	5.448	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	70	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	115	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	453	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3	1.557	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	318	0.000	CO268	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	26	7.005	CO205	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	475	7.783	CO205	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	93	0.973	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	48	5.448	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	115	7.783	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	273	0.000	CO268	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	475	7.005	CO259	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3	0.000	CO268	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	70	6.227	CO7	0.71	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	115	7.783	CO523	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	70	7.783	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3	6.227	CO7	0.37	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	26	1.946	CO7	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	70	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	93	2.919	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	453	2.919	CO898	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
3	**T-Rectangle 250/300 - Seccion PilaresVInteriores**						
	339	0.795	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	69	2.981	LC15	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	47	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	114	7.951	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	69	7.951	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	407	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	47	0.795	LC6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	92	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	182	0.000	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	92	7.951	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	69	2.981	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	114	7.951	CO523	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	92	0.000	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	429	1.988	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	407	0.000	CO898	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	69	6.361	CO7	0.28	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	114	7.951	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	47	0.000	CO7	0.29	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	69	3.180	CO205	0.22	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	69	7.951	CO259	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	69	7.951	CO259	0.29	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	47	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	182	2.385	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	362	2.981	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - I

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
							Inner span, y-direction
	69	7.951	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	92	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	47	3.975	CO1029	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	69	7.951	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	92	7.951	CO1015	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	429	5.963	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	92	0.000	CO1030	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	69	5.963	CO1015	0.52	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	69	7.951	CO1015	0.54	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	69	2.385	CO1015	0.50	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	69	4.969	CO1015	0.52	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	69	7.951	CO1015	0.53	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
4	**T-Rectangle 360/300 - Seccion PilaresVInteriores Extremos**						
	2	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	452	6.361	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	25	7.156	CO7	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2	0.000	CO259	0.46	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	474	7.951	CO523	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	452	1.988	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	25	1.988	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	25	7.951	LC14	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	452	6.361	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	474	3.180	CO523	0.15	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	474	7.951	CO523	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2	0.000	CO1021	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	474	4.770	CO259	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	25	7.951	LC8	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2	0.994	CO993	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	474	7.951	CO523	0.21	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	2	0.795	CO7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	25	1.988	CO7	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	25	7.951	LC8	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2	0.000	CO7	0.14	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	2	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	25	5.565	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	452	3.975	CO883	0.38	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2	1.590	CO1017	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	452	0.000	CO1016	0.08	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	452	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2	0.000	LC1	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	474	5.565	CO1021	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	474	7.951	CO1021	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	452	1.988	CO1017	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2	0.000	CO1002	0.17	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2	2.385	CO1017	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2	0.000	CO1017	0.22	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2	0.000	CO1017	0.17	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
5	**T-Rectangle 180/200 - Seccion Arriostramientos1**						
	626	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	626	3.500	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	629	2.500	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	639	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	626	5.000	CO523	0.35	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	635	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	633	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	626	3.000	CO523	0.30	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	626	5.000	CO523	0.69	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	643	3.500	LC8	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	629	0.000	LC18	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	635	5.000	CO523	0.56	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	637	4.000	CO523	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	626	2.000	LC14	0.16	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	629	0.000	CO523	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	662	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	633	1.000	LC14	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	626	2.000	LC15	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	629	0.000	CO523	0.53	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	629	5.000	LC15	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	626	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	645	3.000	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	647	2.500	CO898	0.60	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
6	**T-Rectangle 340/300 - Seccion Arriostramientos2**						
	669	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	677	8.848	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	678	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	669	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	668	8.848	CO523	0.20	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	679	1.770	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	668	4.424	CO7	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	670	4.424	LC6	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	670	4.424	CO268	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	679	4.424	LC16	0.23	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	679	4.424	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	669	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	668	4.424	LC16	0.29	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	668	4.424	CO523	0.47	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	678	0.000	LC15	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	671	4.424	CO523	0.33	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	669	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	668	4.424	LC16	0.30	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	678	4.424	CO523	0.48	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	668	5.309	CO523	0.24	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	668	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	676	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	668	4.424	CO898	0.93	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7	**T-Rectangle 260/280 - Seccion CordonInferior**						
	260	1.100	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	56	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
							6.1.2
	215	0.000	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	57	0.000	CO7	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	36	3.300	CO259	0.26	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	80	3.300	CO259	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	13	0.000	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	33	3.000	CO883	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	13	0.000	LC15	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	102	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	416	0.000	CO259	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	485	3.300	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	260	3.300	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	80	3.300	LC7	0.21	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	36	3.300	CO259	0.54	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	215	0.990	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	57	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	215	3.300	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	80	3.300	LC7	0.24	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	36	3.300	CO268	0.56	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	416	0.000	LC15	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	36	2.200	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	34	1.800	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	13	0.660	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	56	1.350	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	215	0.000	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	80	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	36	3.300	CO1015	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	80	3.300	CO1015	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	215	3.300	CO1015	0.14	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	13	3.300	CO1029	0.07	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	80	3.300	CO1023	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	282	0.000	CO1015	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	77	0.600	CO1015	0.19	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	80	3.300	CO1015	0.40	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	260	3.300	CO1023	0.13	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	36	0.990	CO1032	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	80	3.300	CO1032	0.35	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	125	1.320	CO1032	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	80	3.300	CO1015	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	13	0.000	CO1029	0.12	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	215	3.300	CO1023	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	36	0.990	CO1032	0.05	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	80	3.300	CO1032	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	215	3.300	CO1032	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	36	3.300	CO1032	0.03	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
8	**T-Rectangle 200/120 - Seccion CordonInferiorVol**						
	6	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	51	0.000	LC7	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	73	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	186	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	456	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	51	0.000	CO1013	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	456	3.875	CO1025	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	456	0.000	CO268	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	411	0.000	LC7	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	51	1.938	LC7	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	411	4.844	LC7	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	73	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6	1.453	CO7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	29	4.844	CO7	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	96	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	456	0.000	CO523	0.06	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	73	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	29	3.391	CO7	0.33	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	29	4.844	CO7	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6	0.000	CO7	0.32	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	6	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	51	2.906	LC7	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	6	2.906	LC7	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9	**T-Rectangle 260/280 - Seccion CordonSuperior**						
	238	1.591	CO1014	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	129	1.026	CO523	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	61	0.000	CO7	0.10	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	255	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	441	1.471	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9	0.000	CO523	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	99	0.000	CO883	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	306	0.000	LC9	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	58	0.000	LC15	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	75	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	351	0.000	CO523	0.18	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	193	0.000	CO523	0.53	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	106	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	37	0.000	LC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	189	2.704	CO523	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	240	0.684	CO259	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	126	3.182	CO523	0.39	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	129	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	84	0.909	CO259	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	189	2.704	CO523	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	61	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	53	1.742	LC7	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	17	2.728	LC15	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	40	1.026	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	216	0.955	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	61	1.818	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	61	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	81	0.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	82	2.000	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	238	0.000	CO1015	0.10	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	419	0.753	CO1006	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	103	0.000	CO1015	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	262	3.334	CO1015	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	81	3.182	CO1019	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	58	3.182	CO1017	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	106	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	60	3.031	CO1027	0.06	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	84	0.000	CO1015	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	196	3.637	CO1014	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	193	0.000	CO1015	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	196	4.546	CO1015	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	84	0.909	CO1022	0.26	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	84	0.000	CO1015	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	61	4.546	CO1015	0.28	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
10	**T-Rectangle 260/280 - Seccion CorreasInferior**						
	688	4.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	696	3.871	CO268	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	696	5.226	LC14	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	693	5.000	CO205	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	694	5.000	CO268	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	698	5.226	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	704	2.000	CO259	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	688	4.500	LC14	0.15	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	697	0.000	CO523	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	701	5.000	CO523	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	698	0.000	LC8	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	694	5.000	CO268	0.49	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	692	5.000	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	689	5.226	LC14	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	695	0.000	CO268	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	692	1.500	LC15	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	693	5.000	CO205	0.29	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	692	5.000	LC15	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	696	5.226	LC14	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	695	0.000	CO268	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	696	0.000	LC15	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	688	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	697	2.000	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	697	3.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	690	1.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	696	4.839	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	696	4.645	CO1020	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	694	5.000	CO1024	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	690	2.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	696	3.871	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	692	2.000	CO1030	0.09	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	702	0.500	CO1011	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	690	0.000	CO1029	0.41	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending a

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
							acc. to 6.1.6
	701	5.000	CO1030	0.16	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	696	0.000	CO1015	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	694	5.000	CO1015	0.55	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	692	3.500	CO1020	0.12	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	691	1.000	CO1011	0.14	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	695	5.000	CO1015	0.33	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	693	5.000	CO1024	0.33	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	692	3.500	CO1020	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	696	4.645	CO1011	0.32	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	696	0.000	CO1029	0.49	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	696	0.000	CO1020	0.27	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11	**T-Rectangle 220/220 - Seccion CorreasPrincipales**						
	576	4.500	CO1010	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	566	2.500	CO259	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	566	2.500	LC9	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	556	0.000	CO523	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	516	5.000	CO523	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	588	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	598	0.000	LC15	0.18	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	623	1.349	CO523	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	623	5.000	CO523	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	619	5.000	CO523	0.50	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	566	1.000	CO268	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	555	5.000	CO523	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	556	5.000	LC15	0.34	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	565	1.000	LC15	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	546	5.000	LC15	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	573	2.500	LC8	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	556	5.000	LC15	0.35	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	528	1.590	LC14	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	546	5.000	LC15	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	496	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	506	2.400	CO898	0.39	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	516	2.000	CO898	0.16	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	623	0.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	566	4.000	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	566	2.500	CO1028	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	556	0.000	CO1030	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	560	5.000	CO1030	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	520	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	605	0.000	CO1020	0.12	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	516	5.000	CO1027	0.44	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	560	5.000	CO1030	0.48	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	619	5.000	CO1030	0.26	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	560	1.349	CO1029	0.18	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	560	5.000	CO1029	0.48	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	556	5.000	CO1020	0.26	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	528	0.500	CO1017	0.25	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	573	5.000	CO1017	0.39	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	563	3.500	CO1017	0.17	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	556	5.000	CO1024	0.30	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	566	2.500	CO1028	0.45	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	566	1.000	CO1019	0.60	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	566	5.000	CO1029	0.82	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	566	0.000	CO1029	0.46	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12	**T-Rectangle 220/240 - Seccion DiagonalesExterior**						
	230	1.206	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	185	0.402	LC18	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	207	2.413	CO268	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	95	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	455	4.022	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	477	4.022	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	206	0.368	CO259	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	477	3.016	LC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	455	4.022	CO898	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	185	4.022	CO205	0.20	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	455	0.804	LC15	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	117	0.000	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	117	0.402	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	28	3.217	CO205	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	72	0.000	LC8	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	207	2.413	LC18	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	117	0.000	CO523	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	207	0.402	CO268	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	477	3.217	CO268	0.17	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	477	4.022	CO268	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	207	4.022	CO268	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	4	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	95	2.815	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4	2.208	LC15	0.12	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	28	4.022	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	185	4.022	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	207	2.011	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	117	4.022	CO1021	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	28	0.000	CO1026	0.05	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	28	4.022	CO1026	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	230	3.619	CO1022	0.16	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	432	0.000	CO1010	0.32	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	28	4.022	CO1012	0.41	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	185	4.022	CO1032	0.30	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	50	1.206	CO1021	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	28	4.022	CO1030	0.42	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	95	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	432	0.000	CO1008	0.32	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	28	4.022	CO1021	0.41	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	252	3.016	CO1023	0.37	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	95	4.022	CO1021	0.29	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	28	0.000	CO1026	0.10	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	252	4.022	CO1023	0.44	≤ 1	823)	Fire resistance - Member with bending and compression a

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
							acc. to 6.3.2 - Buckling about both axes
	28	3.619	CO1032	0.57	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	28	4.022	CO1023	0.67	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	207	4.022	CO1023	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	28	4.022	CO1023	0.14	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
13	**T-Rectangle 260/260 - Seccion DiagonalesInterior**						
	269	1.954	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	65	3.329	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	65	1.902	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	66	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	46	0.000	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	21	4.756	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	67	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	45	4.885	LC17	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	89	4.885	LC7	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	110	0.000	LC16	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	470	0.951	CO523	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	493	4.756	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	111	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	45	4.885	CO205	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	89	4.885	CO259	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	65	4.756	CO7	0.16	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	133	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	494	4.885	CO205	0.20	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	89	4.885	CO259	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	21	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	90	3.182	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	472	2.727	CO883	0.22	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	22	3.908	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	202	6.364	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	65	3.805	CO1002	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	90	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	89	1.954	CO1024	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	66	3.419	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	247	6.364	CO1031	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	67	0.909	CO1023	0.09	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	67	0.000	CO1024	0.16	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	292	6.364	CO1031	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	67	0.909	CO1032	0.10	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	67	0.000	CO1032	0.17	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	315	0.000	CO1032	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	90	5.455	CO1031	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	89	4.885	CO1015	0.24	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	223	2.854	CO1023	0.48	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	23	2.727	CO1029	0.04	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	223	4.756	CO1015	0.63	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	403	2.854	CO1023	0.50	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	88	4.756	CO1015	0.76	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	44	4.756	CO1017	0.25	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
14	**T-Rectangle 220/220 - Seccion Montantes**						

2.2 DESIGN BY CROSS-SECTION

Sect. No.	Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	62	0.000	CO1026	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	63	2.283	CO7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	85	1.771	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	52	0.000	LC7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	43	0.000	CO205	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	86	0.000	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	209	0.000	CO268	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	484	0.000	CO523	0.27	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	35	4.500	CO205	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	187	2.358	LC7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	79	4.500	CO205	0.38	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	87	0.000	CO268	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	209	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	468	3.425	CO523	0.27	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	42	0.000	LC18	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	85	1.771	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	209	0.000	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	468	3.425	CO523	0.29	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	42	0.000	LC18	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	52	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	35	2.700	CO883	0.23	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	109	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	221	0.000	CO1015	0.14	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	85	2.361	CO1015	0.08	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	86	3.425	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	87	3.855	CO1024	0.08	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	85	0.000	CO1015	0.06	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	199	0.000	CO1014	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	265	0.885	CO1029	0.04	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	220	0.000	CO1029	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	221	3.425	CO1015	0.27	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	79	0.000	CO1024	0.63	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	87	3.855	CO1015	0.90	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	242	2.952	CO1015	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	422	0.000	CO1017	0.22	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	422	2.952	CO1015	0.30	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	152	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	43	0.000	CO1025	0.15	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	197	2.952	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	85	2.952	CO1023	0.46	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	85	0.000	CO1015	0.58	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	467	0.000	CO1015	0.08	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
1	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.563	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.738	LC16	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.913	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	7.300	CO259	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.110	CO523	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.920	CO523	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.460	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.920	LC16	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC15	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1030	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.913	CO259	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.920	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.913	CO268	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.563	CO898	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
2	**Cross-section No. 4 - T-Rectangle 360/300**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6.361	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.795	CO7	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.46	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.981	CO268	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.156	LC14	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.963	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.361	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7.951	LC7	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO205	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1021	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.963	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.994	CO993	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.18	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.795	CO7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.963	CO7	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.14	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.975	CO883	0.38	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.590	CO1017	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1016	0.08	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.385	CO1017	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1028	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	6.361	CO1021	0.08	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.17	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.385	CO1017	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1017	0.22	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.17	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
3	**Cross-section No. 2 - T-Rectangle 180/220**					
	6.227	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.448	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.783	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.557	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.783	CO1012	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.335	CO1025	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.919	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.448	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO205	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.892	CO259	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.946	CO7	0.40	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.44	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6.227	CO7	0.37	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.837	CO7	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.37	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.919	CO883	0.16	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
4	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.000	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC17	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.368	CO883	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.104	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	LC14	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	LC17	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.368	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.208	CO7	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.680	CO7	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.920	LC4	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.17	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.368	CO7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.208	CO7	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.576	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	LC15	0.12	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
5	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.609	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.402	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.619	CO1031	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.005	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO205	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.609	LC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC1	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	LC1	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.016	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.17	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.402	CO7	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.005	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.413	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.815	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1032	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1016	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.217	CO1013	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.005	CO1010	0.04	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.14	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO1007	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.413	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1025	0.12	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.217	CO1004	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.005	CO1026	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1008	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.815	CO1002	0.05	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1026	0.10	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	3.217	CO1002	0.06	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.005	CO1017	0.05	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.13	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.05	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
6	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.938	LC17	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.453	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1031	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.875	CO1025	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO268	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC14	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	LC7	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.453	CO7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.938	LC4	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	LC4	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.453	CO7	0.33	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.32	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.391	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	LC7	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.651	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.179	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC4	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.179	CO1008	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1007	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.358	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.179	CO523	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	LC4	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.179	CO268	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.358	CO268	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	LC4	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.179	CO268	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
8	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.049	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC7	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.356	CO268	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.049	CO259	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.920	CO259	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.356	CO7	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.871	CO7	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.356	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.049	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.920	CO205	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.356	CO7	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.356	LC7	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.049	CO523	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.704	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.270	LC17	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.693	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1022	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.541	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO268	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.704	CO1019	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.270	LC7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.270	LC7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.811	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.693	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.622	LC14	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	LC16	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.700	LC8	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	LC6	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.600	LC16	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.000	LC14	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	LC15	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.000	CO205	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.600	LC16	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC14	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
	2.700	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.000	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1003	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1019	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1019	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
11	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC6	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.800	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.450	CO259	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC17	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC15	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO523	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.700	LC15	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.800	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	CO1002	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.450	CO1022	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1022	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1022	0.05	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
12	**Cross-section No. 1 - T-Rectangle 360/360**					
	5.475	CO1001	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.920	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.920	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	CO523	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.920	CO523	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.840	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.840	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.563	CO898	0.22	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.110	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
13	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.300	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.300	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.660	CO259	0.16	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.200	CO205	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	LC8	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO993	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO268	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.660	LC9	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.660	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.320	CO1023	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.660	CO1015	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.980	CO1018	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1004	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1029	0.07	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1028	0.15	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1012	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1019	0.16	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.12	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
14	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.546	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.228	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.591	LC16	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.546	LC8	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.546	CO898	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.318	CO268	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.182	LC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO523	0.23	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.318	CO268	0.11	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.591	CO883	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.318	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.182	CO1002	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1025	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1016	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1022	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.228	CO1010	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.06	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.228	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.719	CO1025	0.01	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1023	0.04	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1025	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.228	CO1025	0.01	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.719	CO1025	0.02	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.00	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
15	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.753	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO268	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.111	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.111	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	CO1032	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC16	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.334	CO898	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO268	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.334	LC17	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	CO268	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.222	LC7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC7	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.334	CO268	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	CO883	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.541	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.667	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.334	CO1002	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.333	CO1025	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1023	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.333	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.667	CO1023	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	2.667	CO1023	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.03	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1017	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1012	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.04	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.667	CO1025	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.333	CO1025	0.00	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.334	CO1025	0.01	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1017	0.04	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.667	CO1025	0.01	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.333	CO1025	0.01	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.334	CO1025	0.01	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.00	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
16	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.425	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.606	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC8	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.031	LC17	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.684	LC17	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.303	LC14	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.684	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.515	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	LC8	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.121	CO883	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.515	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	LC8	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.303	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.606	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.031	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1026	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.03	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1017	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	LC3	0.00	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1002	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.425	CO1017	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.05	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
17	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.182	CO898	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO205	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.364	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.637	LC14	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	LC8	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO7	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.637	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	LC8	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	LC16	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	LC15	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.909	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.909	CO1017	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.546	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.546	CO1002	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1002	0.04	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	LC3	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO1002	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.06	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.10	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.05	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
18	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.656	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.181	CO7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.968	CO1031	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1024	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO205	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	LC15	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC18	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.968	CO883	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.952	LC1	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.295	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.181	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	LC1	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.771	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.771	CO898	0.11	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.771	CO1015	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.476	CO1030	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1024	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1020	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.952	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.968	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1029	0.06	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.656	CO1020	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1024	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.181	LC2	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1029	0.05	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	1.771	CO1015	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.656	CO1026	0.06	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.18	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
19	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.055	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.712	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO883	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.712	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	LC8	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO7	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.283	CO523	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.283	LC14	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.283	CO523	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.027	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.055	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.055	CO1004	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1017	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.425	CO1022	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.283	CO1015	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1020	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.425	CO1017	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.425	CO1017	0.10	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
20	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.084	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.313	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.542	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO205	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.469	LC4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	LC8	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.313	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.855	CO898	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.891	CO898	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.313	LC7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO205	0.16	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	CO205	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.313	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.18	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	CO205	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.927	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC15	0.14	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.385	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.698	CO1019	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.855	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1017	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO1016	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.385	CO1021	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.313	CO1011	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
21	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.951	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.756	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.280	CO268	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.427	LC16	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO205	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.951	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.329	LC8	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO7	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.329	LC15	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
	1.427	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1006	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	CO1021	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	CO1002	0.25	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO1002	0.26	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1015	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.25	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
22	**Cross-section No. 13 - T-Rectangle 260/260**					
	4.396	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.954	LC7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.442	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO205	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC13	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.465	CO523	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.442	LC15	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO1015	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.465	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO7	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.419	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.442	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.465	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.442	LC1	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	LC15	0.12	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.908	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.885	CO1015	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.488	CO1020	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.488	CO1021	0.09	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.442	CO1002	0.15	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.18	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
23	**Cross-section No. 13 - T-Rectangle 260/260**					
	6.364	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.818	LC18	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.909	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.364	CO205	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO205	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.727	LC14	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO898	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.728	CO1025	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.273	CO205	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.727	CO205	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.909	CO7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6.364	CO7	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO991	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO7	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	CO883	0.22	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.728	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.909	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.364	CO1025	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1020	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	CO1029	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO1024	0.02	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO1030	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.728	CO1032	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO1025	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO1025	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO1003	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1020	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1021	0.08	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1021	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.727	CO1029	0.04	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	3.182	CO1002	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.06	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1017	0.10	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.05	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
24	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	LC15	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.10	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	LC14	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1017	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.250	CO268	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.500	CO268	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	CO523	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	CO7	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO523	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.250	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
25	**Cross-section No. 4 - T-Rectangle 360/300**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.385	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.156	CO7	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	LC14	0.20	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.951	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.795	LC14	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.988	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC14	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.988	CO898	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.385	LC15	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	LC15	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO1021	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.770	CO259	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	LC8	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.957	CO993	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	LC14	0.12	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	7.156	CO7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO7	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	LC8	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.14	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.975	LC8	0.21	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.361	CO1017	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1026	0.05	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.951	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC1	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.565	CO1017	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1028	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1021	0.08	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1002	0.17	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.565	CO1017	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.22	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.17	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
26	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.335	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.335	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.005	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1012	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7.005	CO205	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.783	CO205	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.865	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.335	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7.005	CO259	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.783	CO268	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.837	CO7	0.40	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.44	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.557	CO7	0.37	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.946	CO7	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.37	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.892	LC15	0.12	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
27	**Cross-section No. 12 - T-Rectangle 220/240**					
	3.680	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.312	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO259	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.576	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.312	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.312	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	CO7	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.472	LC4	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.17	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.312	CO7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.472	CO7	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	LC15	0.12	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
28	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.413	LC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.217	CO268	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC8	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.804	LC8	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.609	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.016	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.413	LC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.217	CO205	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	CO259	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.17	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.217	CO268	0.17	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.016	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.022	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.804	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1026	0.05	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1026	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.016	CO1010	0.04	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1012	0.41	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.022	CO1030	0.42	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1032	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.619	CO1031	0.23	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1021	0.41	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.804	CO1024	0.10	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1012	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1026	0.10	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO1032	0.37	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.619	CO1032	0.57	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.67	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.38	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1023	0.14	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
29	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.969	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.906	LC15	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.391	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.844	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.844	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	CO1030	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.844	LC14	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	LC16	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO1002	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.391	CO7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.844	CO7	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.906	LC4	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.06	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC4	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.391	CO7	0.33	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO7	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO7	0.32	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.906	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
30	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.707	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.179	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC4	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.358	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.179	CO1008	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1025	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC15	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.179	CO523	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC4	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO268	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.651	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC4	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO259	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
31	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.178	CO205	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.307	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC5	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	LC17	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC17	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	CO7	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.485	CO7	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.307	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.356	LC18	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.307	CO523	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
32	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.352	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.893	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO523	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.011	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.704	LC6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.163	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO205	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.704	CO7	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.011	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.081	LC14	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
33	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.400	LC16	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO268	0.19	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO205	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.700	CO898	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	CO883	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.000	CO268	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.800	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.600	CO7	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.400	LC16	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.700	CO205	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO205	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.100	CO205	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.400	LC16	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.700	CO205	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO205	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.700	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC1	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1015	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1019	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1015	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1023	0.06	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
34	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.500	CO7	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	4.500	CO205	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.250	LC6	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	LC6	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.700	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.250	CO259	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.250	LC17	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	LC18	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.600	LC15	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.250	LC7	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.500	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1026	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1023	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1025	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1017	0.05	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.250	CO1015	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.250	CO1015	0.04	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
35	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.250	LC18	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.150	CO205	0.20	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	CO205	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.15	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	LC17	0.17	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC7	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.500	LC17	0.18	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.350	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.700	CO883	0.23	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.700	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1018	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1025	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	LC2	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.350	CO1023	0.02	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1025	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.12	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
36	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.330	CO205	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO259	0.26	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.660	LC8	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	LC15	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO993	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.990	CO523	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.330	CO205	0.20	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	CO259	0.54	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.300	CO7	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.330	CO205	0.22	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO268	0.56	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO205	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.990	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.640	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.650	CO1021	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.990	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1015	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1004	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.07	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	CO1028	0.15	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO1002	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1012	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1019	0.16	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.990	CO1032	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.300	CO1015	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.300	CO1029	0.12	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.990	CO1032	0.05	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.22	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
37	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.636	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO259	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.591	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO523	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	LC15	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.591	LC16	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.636	LC8	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.182	LC16	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.955	CO259	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.591	LC15	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	3.182	LC15	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.182	CO523	0.23	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.591	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.864	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.955	CO1023	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO1024	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.06	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO1030	0.04	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
38	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.667	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.667	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.667	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.334	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	CO259	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.222	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	LC16	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.333	CO205	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	LC8	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.334	CO7	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.334	LC8	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	LC8	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.541	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.541	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.111	CO1023	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1022	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1017	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.333	CO1024	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1015	0.05	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	3.334	CO1017	0.04	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
39	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.425	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.909	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.425	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO205	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.909	CO259	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.818	LC7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.728	LC7	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.515	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO7	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.606	CO993	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.515	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.401	LC8	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.728	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.425	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.909	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.031	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1026	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.03	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.121	CO1008	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC3	0.00	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1002	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.606	CO1017	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.05	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
40	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.026	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO205	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	CO883	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO883	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO883	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.080	LC7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	0.000	CO7	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	LC15	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.026	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.637	CO1017	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1023	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1002	0.04	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC3	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1002	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.06	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.10	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.05	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
41	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.771	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.771	CO7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	LC15	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	LC17	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	LC17	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	LC15	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.476	LC7	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.771	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.181	CO205	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	CO205	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO883	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.771	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.181	CO259	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.181	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.181	CO898	0.11	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.952	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.181	CO1015	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.181	CO1025	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO1031	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1016	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.984	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.06	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.476	CO1004	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1015	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1031	0.14	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.476	LC2	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.05	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	1.181	CO1015	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1015	0.18	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1015	0.08	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
42	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.370	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.142	LC16	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.342	LC6	0.15	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC6	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.712	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.23	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC18	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.142	LC14	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.24	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC18	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.397	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.370	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.712	CO1016	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1025	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1023	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.712	CO1016	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1020	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1016	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.15	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
43	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.771	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.927	CO268	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.313	LC16	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.385	LC4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.542	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.25	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO268	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.084	LC16	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC16	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.084	LC16	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC16	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.927	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.891	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.469	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.542	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1025	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1016	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.469	CO1021	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1015	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1016	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.15	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
44	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.805	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	LC15	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.329	LC16	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	LC15	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.805	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.951	CO259	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	LC8	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO259	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO883	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.329	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.756	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.280	CO1021	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.476	CO1015	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1015	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.854	CO1002	0.25	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.329	CO1002	0.26	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.476	CO1015	0.25	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.25	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
45	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.931	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.442	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.885	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC17	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC18	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.419	CO523	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.419	LC7	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.442	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.885	CO205	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO259	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.465	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.442	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO205	0.20	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO259	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.442	LC1	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO883	0.16	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.977	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.885	CO1015	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1025	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.885	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.488	CO1019	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.885	CO1015	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.396	CO1021	0.09	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.442	CO1002	0.15	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1015	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.20	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1015	0.14	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
46	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.455	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.637	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.637	LC14	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	LC15	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.455	CO205	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO205	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.818	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO268	0.18	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	CO883	0.20	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.455	CO1023	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1025	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6.364	CO1020	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1031	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1025	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.455	CO1021	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1029	0.04	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	3.182	CO1003	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1023	0.12	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1023	0.10	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
47	**Cross-section No. 3 - T-Rectangle 250/300**					
	4.770	LC15	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.795	LC6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC6	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.969	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7.156	CO1029	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.994	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.28	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.29	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.28	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.385	LC14	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.975	CO1029	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	7.156	CO1030	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1003	0.43	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.46	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.981	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.45	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
48	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.919	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.448	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.783	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.783	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6.810	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO268	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.892	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.448	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO883	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.71	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
49	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC14	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO1021	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1030	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.19	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.208	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
50	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.011	CO1022	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.609	LC18	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.005	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.804	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1012	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.609	LC18	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO523	0.35	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	CO996	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.005	CO1026	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	LC8	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.609	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.011	CO7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.005	CO7	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	LC8	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.016	LC15	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.609	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.011	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.804	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.609	CO1026	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.609	CO1029	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1029	0.36	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.011	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.206	CO1021	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1030	0.37	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.609	CO1011	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.005	CO1028	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1011	0.35	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.815	LC1	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1031	0.22	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.413	CO1002	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.804	CO1002	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.48	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.17	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
51	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1013	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	LC7	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	LC7	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.453	CO1020	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1018	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.03	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.453	CO1018	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1019	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1019	0.09	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.906	LC7	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
52	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.651	CO1032	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO259	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.179	CO259	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.358	CO268	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC17	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	LC7	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1021	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO1018	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
53	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.307	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.356	CO1022	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.742	LC7	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.267	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.267	CO883	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.742	LC7	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.267	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.742	LC7	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
54	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.901	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.704	CO1030	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.433	CO1030	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.433	CO1021	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.270	LC17	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	CO523	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.270	LC17	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.811	CO523	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
55	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.900	LC16	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	LC8	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.900	LC16	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC17	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	LC15	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.000	CO898	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.900	LC16	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC17	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.200	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1018	0.15	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1020	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
56	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO259	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.350	LC14	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	LC14	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.800	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO259	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.350	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.500	LC17	0.14	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	LC18	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.350	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC17	0.15	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC7	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.250	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.700	LC15	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.350	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1022	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.800	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1015	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1015	0.26	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
57	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.650	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.980	LC15	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	LC15	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.650	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	LC8	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	LC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.100	CO883	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.980	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.990	CO1021	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1027	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
58	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.061	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.546	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.228	LC7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.156	LC15	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.228	LC8	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.45	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	CO205	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.864	CO259	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.909	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.31	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.471	CO205	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.864	CO268	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.228	CO1019	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.273	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1017	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1026	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1006	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1003	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1019	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.273	CO1031	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.546	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.471	CO1007	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.273	CO1025	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1016	0.11	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
59	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	LC7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	CO1024	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	CO898	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO268	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.667	CO205	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	CO268	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.667	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO205	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.667	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.667	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.667	CO1019	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1030	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO1023	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.753	CO1006	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.09	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1029	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.14	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO1016	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.667	CO1032	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO1016	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.667	CO1032	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1016	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
60	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.606	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.031	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.909	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.684	CO259	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.401	LC6	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.053	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.401	CO1015	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.010	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.909	CO1029	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.031	CO1029	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1003	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1027	0.06	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.425	CO1000	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1003	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.425	CO1006	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.09	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
61	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.10	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.455	CO205	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.546	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.909	CO523	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.091	LC8	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.20	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.182	CO205	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO7	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.637	CO991	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.30	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO205	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	LC15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.080	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.818	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.364	CO1029	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.080	CO1024	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.546	LC2	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.546	CO1029	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO999	0.15	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.102	CO1015	0.31	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1014	0.24	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.546	CO1015	0.28	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
62	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1026	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.590	LC15	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.295	CO259	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.476	CO259	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.952	CO1010	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1030	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.476	LC14	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC9	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	LC15	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	LC4	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO205	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	CO259	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.771	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.476	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.295	CO259	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	LC15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.181	CO1029	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.295	CO1006	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.476	CO1015	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	CO1011	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.656	CO1011	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO1029	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.06	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.361	LC2	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1013	0.20	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1015	0.30	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1026	0.05	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.295	CO1017	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.295	CO1006	0.42	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1015	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
63	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.283	CO7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	LC15	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO259	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.425	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.283	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	CO268	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO259	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.370	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.425	LC8	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	LC15	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.370	LC15	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about both axes
	3.425	LC8	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	LC15	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	LC15	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.055	CO1015	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1024	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.425	CO1015	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.027	CO1017	0.18	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1020	0.20	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.47	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
64	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.469	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.698	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.313	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.156	CO205	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO205	0.21	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	CO268	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.698	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO883	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO205	0.20	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO205	0.20	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.891	LC15	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.156	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.927	CO1021	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1024	0.05	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO1015	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.964	LC3	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC3	0.01	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.469	LC2	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.891	CO1029	0.24	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1015	0.53	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
65	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.902	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.280	CO268	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.427	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.280	LC6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.951	LC6	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC6	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.280	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.854	LC15	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.329	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.902	CO259	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.756	CO7	0.16	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.329	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.902	CO7	0.16	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO883	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.805	CO1002	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.280	CO1023	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.854	CO1020	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1017	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.427	CO1030	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.280	CO1006	0.45	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.59	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO1030	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.65	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
66	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.419	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.419	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.931	CO268	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.419	CO523	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC18	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.396	CO7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.488	CO205	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.931	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.396	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.488	CO205	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.954	CO883	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.908	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.931	CO1024	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.419	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.908	CO1002	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1013	0.11	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1015	0.13	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.419	CO1016	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.908	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1013	0.32	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
67	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.909	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.273	LC18	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.182	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.909	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.818	CO1032	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.636	CO205	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO205	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.636	CO1022	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.727	CO7	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.636	CO1022	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.727	CO7	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.091	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.909	CO1019	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.636	CO1024	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6.364	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.455	CO1016	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO1023	0.09	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1024	0.16	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.455	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO1032	0.10	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1032	0.17	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO1018	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1012	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1006	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.091	LC2	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO1018	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.11	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1022	0.22	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
68	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.000	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO523	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
69	**Cross-section No. 3 - T-Rectangle 250/300**					
	2.981	LC15	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.180	LC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.981	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.981	CO205	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.28	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.29	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.180	CO205	0.22	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO259	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO259	0.29	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.565	LC14	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.975	CO1029	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.951	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.795	CO1030	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1030	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.52	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.54	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.385	CO1015	0.50	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.969	CO1015	0.52	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.53	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
70	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.335	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.973	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.892	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.335	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.71	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	7.783	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
71	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC14	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1021	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.19	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.472	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
72	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.413	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.005	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.217	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1012	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.35	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.402	LC17	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.413	CO883	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.413	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	LC18	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.413	LC18	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.413	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.815	CO1021	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.016	CO1023	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.413	CO1026	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.011	CO1032	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.8
	2.413	CO1029	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.36	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO1021	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1030	0.37	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.413	CO1011	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.016	CO1028	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1011	0.35	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.206	LC1	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1021	0.19	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.609	CO1003	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.016	CO1023	0.33	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.48	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.28	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
73	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC15	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.844	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.844	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	CO1029	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.391	CO1020	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.844	CO1018	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.03	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.391	CO1018	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO1019	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO1019	0.09	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
74	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.358	LC15	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1028	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1012	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.358	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
75	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.089	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.614	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.614	CO1012	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	CO259	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.614	LC7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.089	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.089	LC17	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.614	LC7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.089	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
76	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.893	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.270	CO1030	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	CO523	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	CO523	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
77	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO883	0.18	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.100	LC16	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.300	CO205	0.21	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO205	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.100	LC16	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.300	CO205	0.21	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.800	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1015	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.800	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.600	CO1015	0.19	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.27	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
78	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.350	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.150	LC14	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC14	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	LC14	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.700	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.150	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC15	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC17	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.500	LC7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.150	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC17	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.150	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.700	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1009	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
79	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.150	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO205	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO268	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC15	0.15	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	CO205	0.38	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO268	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.600	CO883	0.11	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.700	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1024	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1024	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.350	CO1001	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1024	0.63	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1032	0.77	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
80	**Cross-section No. 7 - T-Rectangle 260/280**					
	2.200	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.650	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.650	CO268	0.13	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO259	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	LC5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	LC15	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.650	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.660	LC8	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	LC7	0.21	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	CO259	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	LC7	0.24	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO268	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC18	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.200	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.310	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1015	0.05	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO1015	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1023	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.310	CO1021	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1027	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.300	CO1015	0.40	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1032	0.35	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.300	CO1015	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO1032	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
81	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO259	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.061	LC15	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.182	LC15	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.45	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO523	0.31	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.121	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.546	CO1014	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1026	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO998	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO1019	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
82	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.541	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.667	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.667	LC16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.753	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.333	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1030	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.14	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
83	**Cross-section No. 9 - T-Rectangle 260/280**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.121	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.121	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.303	CO268	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.425	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.053	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.606	CO268	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.606	CO268	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.728	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.020	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.606	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.121	CO1029	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC2	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1027	0.06	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1029	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.728	CO1002	0.10	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
84	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.637	CO523	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.10	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.818	CO259	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.080	LC15	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.20	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.909	CO259	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO991	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.30	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO259	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.637	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.102	CO1015	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.273	CO1021	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC2	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1029	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO999	0.15	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.273	CO1002	0.29	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1022	0.26	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.26	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
85	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.952	CO1026	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.968	LC15	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.771	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1010	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.476	LC14	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.952	LC9	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC15	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC4	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO205	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.771	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.771	CO259	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.984	CO883	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.771	CO1029	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.361	CO1015	0.08	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.066	CO1017	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.771	CO1015	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.06	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO1011	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.295	CO1011	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO1029	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.952	CO1029	0.06	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.590	LC2	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1032	0.21	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.26	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.952	CO1026	0.05	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.656	CO1017	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1023	0.46	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.58	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
86	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.142	CO7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	LC15	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO268	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.142	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.027	LC17	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.055	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.055	LC15	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.397	CO1017	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1015	0.07	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.06	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.397	CO1017	0.18	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1020	0.20	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.87	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
87	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.313	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.698	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO205	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.156	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.855	LC18	0.28	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.469	LC9	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.469	LC9	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.891	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
	2.698	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.927	CO1014	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1024	0.08	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.891	LC3	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	LC3	0.01	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.385	LC2	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.964	CO1029	0.24	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1015	0.90	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
88	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.854	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.329	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	LC7	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.902	LC7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.902	LC15	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.427	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.854	CO259	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO259	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.16	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO259	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO259	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	CO883	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.951	CO1002	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1022	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.902	CO1020	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1017	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1032	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1015	0.18	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.59	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO1032	0.38	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.76	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
89	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.465	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.465	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.954	CO259	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.954	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.908	LC7	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC7	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.465	CO523	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	2.931	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.488	CO7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.885	LC18	0.15	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO259	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.954	CO259	0.07	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.488	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	LC18	0.16	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO259	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.908	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO883	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.977	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.954	CO1024	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.465	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.977	CO1002	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.396	CO1012	0.06	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1015	0.24	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.465	CO1021	0.17	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.977	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1019	0.24	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1015	0.56	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
90	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.909	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.728	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO205	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.728	LC17	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	LC17	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	LC15	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.728	CO205	0.15	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6.364	CO205	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.273	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO268	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO268	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.182	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.546	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.455	CO1019	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.637	CO1024	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1018	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						y-axis and compression acc. to 6.2.3
	5.455	CO1031	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1031	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	LC2	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO1018	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1013	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1023	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
91	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.380	CO1000	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.110	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.190	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.913	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.300	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.840	CO205	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.475	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.913	CO268	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO523	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.380	CO898	0.31	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
92	**Cross-section No. 3 - T-Rectangle 250/300**					
	7.951	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.795	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC8	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7.951	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.969	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.385	CO1008	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.27	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.981	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.981	LC14	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.981	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1030	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1002	0.41	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.981	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
93	**Cross-section No. 2 - T-Rectangle 180/220**					
	3.113	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6.227	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.783	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.005	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.783	CO268	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.973	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO268	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
94	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1021	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1020	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1021	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	LC7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.27	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.576	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
95	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.413	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	LC18	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1013	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.619	CO205	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.609	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	0.000	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.815	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.619	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.804	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1020	0.24	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.619	CO1032	0.23	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.011	CO1025	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1012	0.39	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.206	CO1008	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1017	0.24	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.815	CO1002	0.12	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1021	0.29	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1002	0.18	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.804	CO1002	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
96	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.453	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	LC7	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	LC15	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC14	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.906	LC7	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
97	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.179	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.236	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.886	CO1012	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1012	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	1.179	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1021	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO1019	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
98	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.436	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.356	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.356	CO883	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.742	LC7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.049	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.742	LC7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.049	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.16	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
99	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.901	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO883	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO883	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.433	CO1021	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO268	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.704	CO523	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.14	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
100	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.400	CO259	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO268	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1015	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
101	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.150	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO259	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO259	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.600	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC18	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
102	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.300	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.980	LC15	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.650	CO205	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.980	LC15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.200	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1003	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.16	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
103	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.156	CO1014	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.471	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.318	CO1015	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC15	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.546	LC8	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.53	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	CO205	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.546	CO268	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.121	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.39	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.471	CO205	0.11	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO268	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1017	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.273	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1017	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1021	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1015	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.273	CO1031	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.182	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.591	CO1014	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.273	CO1025	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO1025	0.04	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.13	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
104	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.111	LC15	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC15	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC15	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	LC8	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO268	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.333	CO883	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC7	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.000	LC7	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO205	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.222	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.667	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.333	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO1015	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	CO1022	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1027	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO1023	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.333	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO1023	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.2 - Buckling about both axes
	0.333	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
105	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.684	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.909	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.606	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.031	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.909	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.684	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.515	CO1015	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.909	CO1029	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.909	CO1029	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.031	CO1029	0.05	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.425	CO1032	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1023	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
106	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.102	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.909	LC16	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.364	CO205	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.546	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.909	LC16	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	3.182	CO898	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO259	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.455	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO205	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO259	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	LC15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.546	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1004	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1014	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.25	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
107	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.590	LC15	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.656	CO1031	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO205	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.590	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.295	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.295	CO259	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	LC15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.590	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.181	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.952	CO1029	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO1032	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.952	CO1010	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1015	0.14	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.181	CO1002	0.22	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.181	CO1017	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1015	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
108	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.425	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.055	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO268	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.425	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.055	CO523	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.397	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.425	LC7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.055	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1002	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1002	0.22	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.283	CO1007	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1002	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
109	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.313	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.855	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.771	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.771	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC9	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.084	CO1017	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.469	CO1032	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.771	CO1032	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1010	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1002	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1032	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1032	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
110	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC15	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.329	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC16	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.805	CO268	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.902	CO259	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO259	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.378	CO1027	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1028	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1006	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.56	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
111	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.885	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.954	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.419	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO268	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.419	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO259	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.954	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.419	CO1012	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.954	LC2	0.10	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1008	0.24	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
112	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.909	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.636	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.091	CO523	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO523	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.727	LC18	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO205	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.728	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.091	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.909	CO1016	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO1031	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.091	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO1024	0.11	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	LC1	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1021	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1022	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1001	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1002	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1019	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
113	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.500	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO898	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
114	**Cross-section No. 3 - T-Rectangle 250/300**					
	0.000	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.156	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.385	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.981	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO259	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.565	CO1008	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.27	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.969	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.969	LC14	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.969	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	7.951	CO1030	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.45	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.48	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.969	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.46	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
115	**Cross-section No. 2 - T-Rectangle 180/220**					
	1.557	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.778	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.810	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7.783	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
116	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO259	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1020	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.27	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
117	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.609	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.804	CO268	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.619	CO1021	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.402	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.413	LC18	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.022	CO259	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.016	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	CO268	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.413	LC18	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.206	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.815	CO1030	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.402	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1020	0.24	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.016	CO1021	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.815	CO1030	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1012	0.39	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.016	CO1007	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.24	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.206	CO1003	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1021	0.29	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	CO1023	0.40	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.815	CO1015	0.38	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.51	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
118	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.969	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.391	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.969	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	LC15	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	LC14	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
119	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.358	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.179	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.236	CO268	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.358	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.179	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
120	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.307	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	CO259	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.307	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.307	LC6	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.307	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
121	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.704	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.270	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	LC17	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	LC17	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.14	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
122	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.700	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC18	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.600	CO205	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC18	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.000	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
123	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.050	CO259	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.900	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
124	**Cross-section No. 14 - T-Rectangle 220/220**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.050	LC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	LC18	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC6	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC18	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	CO268	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO883	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1004	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1023	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1023	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1021	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
125	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.320	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.660	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	LC15	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	LC15	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.100	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1032	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.300	LC7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	CO259	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.100	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.660	CO268	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC7	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO268	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO205	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	LC15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.650	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.660	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.660	CO1015	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1015	0.15	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO998	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1002	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.660	CO1023	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.300	CO1023	0.14	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and c

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.3
	1.320	CO1032	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.660	CO1032	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1023	0.15	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
126	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.471	LC15	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC15	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.636	LC8	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.53	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO523	0.39	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.228	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.955	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO1017	0.15	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO1030	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
127	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.333	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.222	LC15	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC15	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.667	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC16	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.111	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.111	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1027	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1015	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1017	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
128	**Cross-section No. 9 - T-Rectangle 260/280**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.121	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.121	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.401	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.053	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO259	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.606	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO259	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.031	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.121	CO1029	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.121	CO1029	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.05	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.031	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1029	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
129	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.545	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.026	CO523	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.102	LC6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC6	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.637	LC16	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.909	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO259	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO991	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO259	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.546	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1004	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1022	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
130	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.984	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.771	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.952	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.590	LC15	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.590	CO1030	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.361	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.952	CO259	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.066	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.984	LC15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.361	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.361	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.771	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC2	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1010	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.361	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.771	CO1002	0.22	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1006	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.29	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
131	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO268	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	CO259	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.425	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.027	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.370	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.712	CO1015	0.14	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.22	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1029	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO1015	0.28	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
132	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.698	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	LC16	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO205	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.084	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.084	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	CO883	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.891	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.927	CO1014	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1014	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
133	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	LC15	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.756	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.427	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.756	LC16	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.756	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.427	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO259	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO259	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.756	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.378	CO1027	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1028	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1015	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO1023	0.50	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.64	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
134	**Cross-section No. 13 - T-Rectangle 260/260**					
	2.931	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.885	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.931	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.954	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.885	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.954	CO259	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.931	LC1	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.954	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.885	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.931	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.465	CO1012	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.931	LC2	0.10	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1014	0.27	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.40	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
135	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.909	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.728	CO268	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.273	CO523	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.818	LC15	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.455	LC18	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO268	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.182	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.455	CO1024	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1005	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1021	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1032	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.455	CO1005	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1003	0.17	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1024	0.12	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.28	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
136	**Cross-section No. 1 - T-Rectangle 360/360**					
	5.475	CO1001	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.730	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.110	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.825	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	CO523	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.475	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.840	CO523	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.840	CO523	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.380	CO898	0.21	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
137	**Cross-section No. 3 - T-Rectangle 250/300**					
	7.951	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.795	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7.951	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.969	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.988	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.981	LC8	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.385	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1002	0.41	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.385	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
138	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.919	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.448	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.810	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO268	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.946	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.448	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO883	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
139	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	LC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1019	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	LC7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.208	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
140	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.011	CO1013	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.206	LC18	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1031	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.804	CO1011	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO205	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO523	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.022	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.815	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.217	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.609	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.016	CO1022	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.005	CO1011	0.02	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.22	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO1032	0.13	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO1012	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.005	CO1026	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1017	0.19	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.804	CO1002	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1031	0.21	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1002	0.18	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.005	CO1026	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.28	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
141	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.453	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	LC7	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.969	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.906	LC7	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
142	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.651	CO1032	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.943	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.236	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC14	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.358	CO268	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1028	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC7	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1019	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO1019	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.415	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	LC14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
143	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.436	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.356	CO883	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	LC7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.436	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.049	CO259	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.356	LC7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.267	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
144	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.081	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.704	CO1030	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.433	CO1030	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1018	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	CO523	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.811	CO523	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
145	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC14	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.000	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC14	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	1.200	LC7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC14	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1028	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1023	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1018	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
146	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.150	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.600	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.600	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
147	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.660	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.980	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.330	LC14	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.200	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.970	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO523	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.980	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.980	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.980	LC9	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.990	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
148	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.061	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.273	CO205	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.864	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	CO1015	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	LC14	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.273	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.546	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.909	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.27	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.273	CO205	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO259	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.182	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.061	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1017	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	2.228	CO1015	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1010	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.061	CO1031	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.546	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.471	CO1007	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.061	CO1025	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO1025	0.02	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1016	0.10	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
149	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	CO205	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC15	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	CO898	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO268	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.667	LC15	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.667	LC7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO205	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.333	CO205	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.667	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.258	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.667	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.541	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.667	CO1023	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	CO1015	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.667	CO1016	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.667	CO1024	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.667	CO1016	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO1025	0.02	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
150	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.728	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.909	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	CO1027	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	CO205	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.212	CO1015	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.909	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1027	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.728	CO1024	0.05	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1023	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1023	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
151	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO898	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	4.546	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO259	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.455	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO259	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1014	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1002	0.31	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1009	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
152	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.295	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO205	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO205	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.885	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	LC8	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.984	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1026	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.952	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						y-axis and compression acc. to 6.2.3
	2.952	CO1026	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1019	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1017	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
153	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.425	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.055	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.685	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.283	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.055	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	LC8	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1002	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1028	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.25	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1011	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
154	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.542	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.855	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.385	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.313	CO523	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.084	CO523	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.964	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.964	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.855	CO1002	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1032	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.385	CO1032	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO1002	0.19	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1021	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1032	0.06	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1032	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
155	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.951	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.329	CO205	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.805	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.854	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.280	CO1015	0.43	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO1030	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
156	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.954	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.908	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	4.885	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.419	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.954	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.908	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1022	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
157	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO205	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.728	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	CO1031	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO1024	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	CO1022	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.909	CO1001	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1002	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
158	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.250	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.250	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.750	CO1010	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
159	**Cross-section No. 3 - T-Rectangle 250/300**					
	0.795	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.156	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.385	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.981	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.963	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.963	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.969	LC8	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.565	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1030	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.44	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.46	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.565	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.45	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
160	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.335	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.973	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.837	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.335	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
161	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO259	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1019	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
162	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.609	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.413	CO268	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.217	CO1011	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.609	CO205	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.022	CO259	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.413	LC18	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about y-axis
	1.609	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.206	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.815	CO1030	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.016	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.413	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.016	CO1011	0.02	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1021	0.22	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO1030	0.02	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1012	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.016	CO1026	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.19	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.217	CO1003	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1021	0.18	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.011	CO1023	0.39	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.016	CO1023	0.38	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.38	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
163	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.391	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.875	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
164	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.236	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.415	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC14	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1012	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1028	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.886	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.358	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	0.000	CO1019	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1019	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	LC14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
165	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.920	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.920	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.089	LC17	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.089	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
166	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.893	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.270	CO1030	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	CO523	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.893	LC6	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	CO523	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
167	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO205	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.000	LC14	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC18	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC14	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.000	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1028	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1018	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
168	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.900	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.900	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
169	**Cross-section No. 14 - T-Rectangle 220/220**					
	4.050	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC18	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO883	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1024	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1023	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1023	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
170	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC14	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.100	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	LC16	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.330	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.320	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.990	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC18	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	LC9	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.310	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1006	0.13	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1023	0.13	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.320	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO1023	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
171	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.471	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.318	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC14	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.182	LC15	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.182	CO523	0.27	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.471	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.546	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.955	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO1010	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
172	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.333	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.222	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC15	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC15	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.667	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.222	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.222	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.667	LC16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.111	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.111	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
173	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.121	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.303	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.053	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1027	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO259	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.031	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.121	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.031	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1027	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
174	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.637	CO523	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.637	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO259	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.546	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1022	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.31	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1009	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
175	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.361	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.771	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.952	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	LC17	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC17	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.066	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.952	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.066	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.984	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.952	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.361	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.968	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1026	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1026	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.361	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1019	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
176	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.685	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.425	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.425	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.142	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.370	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	LC8	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.13	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1028	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1015	0.27	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1011	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO1017	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
177	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.469	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.542	CO523	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.771	CO523	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.891	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.891	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.891	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.542	CO1023	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.2
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.19	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1021	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
178	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.756	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.805	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.951	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.756	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.756	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.854	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO259	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO259	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.756	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.902	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1015	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO1023	0.48	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.62	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
179	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.931	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.885	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.931	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.977	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.954	CO259	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about both axes
	1.465	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.885	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.931	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.977	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.885	CO1014	0.26	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.39	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
180	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.909	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6.364	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6.364	CO898	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.728	CO268	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO898	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO898	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1023	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1032	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.455	CO1007	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
181	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.380	CO1000	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.110	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.190	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.913	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.300	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.840	CO205	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.840	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.913	CO268	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.840	CO523	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.650	CO898	0.31	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
182	**Cross-section No. 3 - T-Rectangle 250/300**					
	7.951	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.795	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC8	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7.951	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.969	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.385	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.385	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.981	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.981	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1002	0.41	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.981	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
183	**Cross-section No. 2 - T-Rectangle 180/220**					
	3.113	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.448	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.783	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	6.810	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.783	CO268	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.557	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.448	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO268	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
184	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1021	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1008	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1021	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.27	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.576	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	LC8	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
185	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.413	CO989	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.402	LC18	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1013	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.022	CO205	0.20	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.815	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.022	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.2
	0.000	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.609	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1020	0.24	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.022	CO1032	0.30	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO1012	0.39	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.206	CO1018	0.00	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1017	0.24	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.804	CO1002	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1021	0.29	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1002	0.18	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.206	CO1017	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
186	**Cross-section No. 8 - T-Rectangle 200/120**					
	1.453	LC7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.453	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	LC7	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.391	LC7	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
187	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.179	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.236	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO1012	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1028	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.179	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1019	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO1018	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.651	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
188	**Cross-section No. 9 - T-Rectangle 260/280**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.436	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.356	CO883	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.742	LC7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC14	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.742	LC7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.049	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.16	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
189	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.704	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1016	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.704	CO1021	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC17	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.541	CO898	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.541	CO898	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.14	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
190	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO898	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO205	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1023	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
191	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.700	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO898	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.600	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
192	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.990	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.980	LC15	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	LC15	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.200	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.980	LC15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.990	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1015	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1027	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.14	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
193	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.061	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.061	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1023	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC15	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.546	LC8	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.53	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.061	CO205	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.546	CO268	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.121	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.39	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.061	CO205	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO268	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	LC8	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1017	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.719	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1017	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1018	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.719	CO1022	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1015	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.719	CO1031	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.182	CO1025	0.00	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.909	CO1007	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.719	CO1025	0.05	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.12	≤ 1	833)	Fire resistance - Member with biaxial bending and compression a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
194	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.541	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC15	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC15	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	LC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.541	CO268	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.334	LC7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC7	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.667	LC7	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.541	CO268	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO205	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.258	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.667	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.333	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.667	CO1015	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	CO1022	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1028	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.667	CO1023	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.333	CO1031	0.00	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.667	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.667	CO1023	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.333	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.07	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
195	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.515	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.909	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.728	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.010	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.909	CO1018	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1023	0.08	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1015	0.12	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1027	0.06	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
196	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO523	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO898	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.455	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1014	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1018	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
197	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.984	CO205	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.590	CO205	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.590	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.952	CO1018	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.295	CO259	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	LC8	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	LC15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.984	CO1018	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.952	CO1029	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.952	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.952	CO1010	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1030	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1010	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
198	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.425	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	LC8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.712	LC7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.425	LC7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.712	LC14	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	LC9	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1002	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.25	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
199	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.313	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.855	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.313	CO523	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.771	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.771	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.855	CO1002	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1014	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO1002	0.19	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1009	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1032	0.06	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1032	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
200	**Cross-section No. 13 - T-Rectangle 260/260**					
	2.854	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.329	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC16	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO1029	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.378	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1027	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.280	CO1024	0.24	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO1021	0.33	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
201	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC7	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.954	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.908	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.419	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.908	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1022	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1008	0.25	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
202	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO523	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.909	LC15	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.728	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	CO1013	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO1031	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	LC1	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1011	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1001	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1002	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
203	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.500	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO898	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
204	**Cross-section No. 3 - T-Rectangle 250/300**					
	0.000	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.156	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.385	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.981	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO259	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.565	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.565	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.969	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.969	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1030	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.45	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.48	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.969	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.46	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
205	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.335	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.973	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.227	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.335	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
206	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.368	CO259	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1008	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.368	CO205	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.27	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	LC8	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
207	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.609	CO989	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.413	CO268	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.402	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.413	LC18	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	CO268	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.206	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.815	CO1030	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.011	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.413	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1020	0.24	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO1021	0.02	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1012	0.39	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						y-axis and compression acc. to 6.2.3
	3.016	CO1007	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.24	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.217	CO1003	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1021	0.29	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.609	CO1023	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.016	CO1007	0.34	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.48	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
208	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.484	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.391	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.484	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
209	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.358	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.179	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO268	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1028	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.886	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.179	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1019	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1018	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.707	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
210	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.307	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.356	LC14	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.307	LC17	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.307	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
211	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.163	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1025	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO523	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.893	LC17	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.14	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
212	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO205	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.000	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
213	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.900	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
214	**Cross-section No. 14 - T-Rectangle 220/220**					
	4.500	CO523	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC18	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1024	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1023	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1023	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
215	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	LC15	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.100	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.990	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO205	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	LC15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.650	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.14	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1027	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1017	0.14	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1023	0.13	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.320	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO1023	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
216	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.471	LC15	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC15	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.636	LC8	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.53	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO523	0.39	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.228	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.955	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1018	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO1017	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO1030	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
217	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.000	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC15	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.667	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC16	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.111	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.667	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1028	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1017	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
218	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.515	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.121	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.303	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.020	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO259	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.031	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.121	CO1018	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.031	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
219	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.637	CO523	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.637	CO523	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO259	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.546	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1022	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
220	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.590	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.771	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.952	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.984	CO1030	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.361	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1018	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.066	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, z-direction
	0.984	LC15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.952	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.361	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.968	CO1018	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1010	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.361	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.656	CO1022	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
221	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.142	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.425	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.425	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	LC15	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.370	CO523	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.712	LC14	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	LC9	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.14	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1015	0.27	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	CO1017	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
222	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	LC16	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO259	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.855	CO523	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO898	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.084	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.084	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.891	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1023	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1015	0.21	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1009	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
223	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	LC18	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.427	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.756	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC18	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.427	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.756	LC16	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.756	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.476	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.476	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.756	CO1015	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.378	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1027	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.854	CO1023	0.48	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.63	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.329	CO1021	0.33	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
224	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.931	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.885	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.931	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.977	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.954	CO268	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.465	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.931	LC1	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.954	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.885	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.977	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.885	CO1014	0.26	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.39	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1008	0.25	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
225	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.909	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6.364	CO268	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.455	LC15	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO898	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.728	CO268	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO898	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1023	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1032	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1011	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.3
	5.455	CO1024	0.12	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.28	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
226	**Cross-section No. 1 - T-Rectangle 360/360**					
	5.475	CO1001	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.190	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.190	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	CO523	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.475	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.110	CO523	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.380	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
227	**Cross-section No. 3 - T-Rectangle 250/300**					
	7.951	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.795	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7.951	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.770	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.590	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1030	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.590	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.981	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.981	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.988	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1002	0.41	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.988	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
228	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.919	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.837	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.810	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO268	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.557	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.837	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO883	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
229	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	LC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.208	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.208	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
230	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.206	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.804	LC18	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1031	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1008	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	LC8	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.022	CO205	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.022	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.815	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.022	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.206	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.815	CO1019	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.619	CO1022	0.16	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1021	0.22	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.022	CO1032	0.23	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO1030	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.005	CO1018	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1017	0.17	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.804	CO1002	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1031	0.21	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1002	0.18	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.005	CO1008	0.11	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.27	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
231	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.453	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	LC7	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	LC15	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.969	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.09	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.391	LC17	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	LC8	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
232	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.886	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.707	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.236	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	2.358	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC8	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.358	CO268	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	LC7	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
233	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.436	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.356	CO883	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	LC7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.267	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.049	CO259	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.356	LC7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.267	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
234	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.704	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1022	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.163	CO1030	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1018	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	CO205	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.901	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	CO205	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.081	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.081	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
235	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.000	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.400	CO1017	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.600	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1023	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.100	CO1009	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
236	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.150	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.600	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	LC8	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.600	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.600	CO523	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear f

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						force Vz acc. to 6.1.7
	4.500	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
237	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.660	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.980	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	CO523	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.310	CO898	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO898	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.980	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.980	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.980	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.990	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1026	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
238	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.591	CO1014	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO205	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.546	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC16	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO523	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO268	0.16	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC15	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.228	LC7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.24	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO268	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.182	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1002	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1018	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.10	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.318	CO1009	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1016	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.546	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1016	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
239	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO205	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	CO898	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.667	LC15	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.667	CO205	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC15	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.333	CO205	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.667	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.258	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.667	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.12	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.667	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1023	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
240	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.515	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.401	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.031	LC8	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.425	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.010	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO259	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.425	CO1026	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.909	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1027	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1023	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.12	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1027	0.07	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
241	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.546	LC8	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.909	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO898	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	0.455	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1014	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1009	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
242	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.771	CO1027	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.952	CO205	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1027	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.590	LC16	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	CO259	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	LC8	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.181	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	CO1029	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.066	CO1029	0.04	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1030	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.952	CO1015	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.656	CO1027	0.07	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and compression acc. to 6.2.3
	2.952	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.590	CO1017	0.22	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
243	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.425	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.055	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.685	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.397	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.055	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	LC16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1002	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.25	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1020	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
244	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.469	CO1032	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.855	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.385	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.084	CO523	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO898	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.964	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.964	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.855	CO1002	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1032	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO1002	0.19	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1009	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
245	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.427	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO205	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.805	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC16	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO1029	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.854	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.280	CO1015	0.43	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO1030	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
246	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.954	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.908	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about both axes
	3.419	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.908	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1022	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
247	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO205	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.455	CO1017	0.00	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	CO1031	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO1024	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	CO1022	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1001	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1002	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	6.364	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
248	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.500	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.250	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
249	**Cross-section No. 3 - T-Rectangle 250/300**					
	0.795	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.156	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.385	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.180	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.361	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO1030	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6.361	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.969	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.963	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1030	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.44	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.47	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.963	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.45	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
250	**Cross-section No. 2 - T-Rectangle 180/220**					
	1.946	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.973	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.227	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.946	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
251	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO259	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.472	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
252	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.815	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.022	CO268	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1008	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO523	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	CO259	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.413	LC18	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO268	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	4.022	CO1017	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.206	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.815	CO1030	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.022	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.815	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.206	CO1019	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.815	CO1012	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.22	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO1030	0.02	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1030	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.016	CO1018	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.17	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.016	CO1023	0.37	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1021	0.16	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1023	0.44	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.016	CO1008	0.11	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.27	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.38	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
253	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.391	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	LC15	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.875	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.844	CO1017	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	LC8	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO1017	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO1017	0.09	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	LC8	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
254	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.472	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.651	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC8	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.358	CO1025	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.651	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.358	LC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
255	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.089	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.089	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.089	LC6	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.089	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
256	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.622	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.541	CO1030	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.704	CO1018	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO205	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.802	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.622	LC18	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.622	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.622	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
257	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.600	CO1017	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO205	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.400	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC18	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.000	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1020	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
258	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.900	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.900	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.900	CO523	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
259	**Cross-section No. 14 - T-Rectangle 220/220**					
	4.050	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC18	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.900	LC14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1024	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1023	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1023	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
260	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.990	CO898	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.320	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.990	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC18	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.310	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1026	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1006	0.13	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1023	0.13	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.320	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO1023	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.300	CO1032	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
261	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.636	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC16	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	LC15	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.182	CO523	0.24	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.182	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.228	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1018	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1015	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.864	CO1009	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1015	0.08	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
262	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.667	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC15	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	LC16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.111	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1015	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.12	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
263	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.515	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.053	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.818	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.303	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.020	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.031	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.121	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1027	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
264	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.637	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.637	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO259	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.546	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1022	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1009	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
265	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.952	LC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.771	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.952	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1027	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.361	LC16	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.952	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.066	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.984	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.952	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.361	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.771	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO1029	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.885	CO1029	0.04	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.295	CO1027	0.07	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.361	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.361	CO1017	0.22	≤ 1	828)	Fire resistance - Member with bending about z-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
266	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.685	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.425	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.425	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.027	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.370	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.13	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1015	0.27	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1020	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO1017	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
267	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.469	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.771	CO523	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.855	CO898	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.891	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.698	LC16	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.891	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.891	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1023	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1015	0.20	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.927	CO1009	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
268	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	LC18	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.427	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.756	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.329	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC18	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.951	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.756	LC16	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.756	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.951	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.756	CO1015	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.902	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1015	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1017	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.854	CO1023	0.48	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.62	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO1030	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
269	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.931	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.885	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.931	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.977	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.954	CO259	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.465	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.954	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.885	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.977	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.885	CO1014	0.26	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.39	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
270	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6.364	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.273	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6.364	CO898	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.728	CO268	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.273	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO898	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.182	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1023	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1032	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.455	CO1007	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
271	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.380	CO1000	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.110	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.190	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.913	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.300	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.840	CO205	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.475	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.913	CO268	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.380	CO898	0.25	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
272	**Cross-section No. 3 - T-Rectangle 250/300**					
	7.951	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.795	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7.951	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.770	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.988	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.981	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.385	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1002	0.41	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.385	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
273	**Cross-section No. 2 - T-Rectangle 180/220**					
	3.113	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.448	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.810	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.783	CO268	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.946	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.448	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO268	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
274	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.208	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1021	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1017	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1021	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.576	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
275	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.413	CO989	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.804	LC18	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1013	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.022	CO205	0.20	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.815	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.022	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.206	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.005	CO1011	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.25	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.022	CO1032	0.30	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.206	CO1012	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1012	0.31	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.005	CO1020	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1017	0.18	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.804	CO1002	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1031	0.28	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1002	0.18	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.005	CO1026	0.07	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.27	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
276	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.453	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	LC7	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.391	LC7	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
277	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.651	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.236	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO1012	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.358	CO1026	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.651	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.651	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
278	**Cross-section No. 9 - T-Rectangle 260/280**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.436	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.356	CO883	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.742	LC7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.742	LC7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.16	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
279	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.704	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1016	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.704	CO1021	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC17	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.811	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
280	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC14	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO898	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.300	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC14	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1023	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.100	CO1009	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
281	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.600	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO898	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.600	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
282	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.990	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.980	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.200	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	LC14	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.200	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO523	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.980	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.300	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.980	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.980	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.990	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1026	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1015	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1027	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
283	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.061	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.061	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1023	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC9	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.864	LC16	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.46	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.061	CO205	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.546	CO268	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.121	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.32	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.061	CO205	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO268	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.182	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.719	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.719	CO1022	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1015	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.318	CO1017	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.719	CO1031	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.182	CO1025	0.00	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.909	CO1007	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.719	CO1025	0.05	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.12	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
284	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.541	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	LC8	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.541	CO268	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.667	LC15	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.667	LC7	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.541	CO268	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO205	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.258	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.667	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.333	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.667	CO1015	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	CO1022	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.667	CO1023	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.333	CO1031	0.00	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.667	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.667	CO1023	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.333	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.07	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
285	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.515	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.728	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.010	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.909	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.909	CO1030	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.031	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1023	0.08	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1015	0.12	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1027	0.07	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
286	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO898	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.4
	4.546	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.455	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1014	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1009	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
287	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.181	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.984	CO205	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1027	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.590	CO205	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.590	CO523	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.984	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1029	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.952	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.952	CO1011	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and compression acc. to 6.2.3
	2.952	CO1015	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.885	CO1017	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
288	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.425	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.685	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.712	LC7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.425	LC7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.055	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	LC15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1002	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.25	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1011	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
289	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.313	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.855	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.891	CO523	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.964	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.964	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC9	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.855	CO1002	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1014	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO1002	0.19	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1021	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1032	0.06	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1032	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
290	**Cross-section No. 13 - T-Rectangle 260/260**					
	2.854	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.805	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.756	LC7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO1029	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.854	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.280	CO1024	0.24	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO1021	0.33	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
291	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.954	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.908	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.885	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.419	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.908	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1022	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
292	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.728	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	CO1013	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO1031	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	LC1	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1001	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						to 6.3.2 - Buckling about both axes
	6.364	CO1002	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
293	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.500	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO898	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
294	**Cross-section No. 3 - T-Rectangle 250/300**					
	0.000	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.156	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.385	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.180	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO259	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.963	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.963	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.969	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.565	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1030	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.45	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.48	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.565	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.46	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
295	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.335	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.973	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.837	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.335	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
296	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.368	CO259	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1017	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.368	CO205	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
297	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.609	CO989	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	LC15	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.413	CO268	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	LC14	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.402	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.413	LC18	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	CO268	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	4.022	CO268	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.206	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.815	CO1012	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.011	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.815	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.016	CO1011	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1021	0.25	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.815	CO1012	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1012	0.31	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.016	CO1020	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.217	CO1003	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1021	0.22	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.609	CO1023	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.016	CO1007	0.34	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.48	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
298	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.484	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.391	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.484	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
299	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.707	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO268	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1026	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.886	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.707	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - B

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.707	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
300	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.920	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.356	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.307	LC17	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.920	CO898	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
301	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.163	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1025	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.893	LC17	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.352	LC9	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
302	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO205	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.700	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC14	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.000	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1019	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
303	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.900	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
304	**Cross-section No. 14 - T-Rectangle 220/220**					
	4.050	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC18	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.900	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1024	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1023	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1023	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
305	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.100	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.100	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.320	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.990	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO205	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.310	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1026	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.14	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1027	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1023	0.13	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.320	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO1023	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
306	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.471	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.471	LC14	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC9	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.182	LC14	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.318	LC16	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.46	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.182	LC15	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.182	CO523	0.32	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.471	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.228	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.955	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.864	CO1018	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1015	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
307	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.000	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.667	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	LC14	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.667	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.667	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.667	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.111	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.667	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1015	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
308	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.515	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.053	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.303	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.020	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO259	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.031	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.121	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.121	CO1030	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.031	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
309	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.637	CO523	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.637	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	0.909	CO259	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.546	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1022	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1009	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
310	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.590	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.771	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.952	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1027	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.361	CO523	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.952	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.066	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.984	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.952	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.066	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.968	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1011	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.361	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.066	CO1017	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
311	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.142	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.425	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.342	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.425	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	LC15	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.142	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.342	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.370	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	LC15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.14	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1015	0.27	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1011	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO1017	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
312	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	LC16	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO259	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.964	CO523	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.891	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.891	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC9	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.891	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1023	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	0.000	CO1015	0.21	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1021	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
313	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	LC18	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.427	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.756	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.280	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC18	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.951	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.756	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.476	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.476	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.756	CO1015	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.902	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.854	CO1023	0.48	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.63	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.329	CO1021	0.33	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
314	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.931	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.885	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.931	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.977	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.954	CO268	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.465	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.931	LC1	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	LC14	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.885	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.977	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.885	CO1014	0.26	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.39	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
315	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.909	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.909	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6.364	CO268	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO898	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6.364	CO898	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.728	CO268	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO898	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO898	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1023	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1032	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.455	CO1024	0.12	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.28	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
316	**Cross-section No. 1 - T-Rectangle 360/360**					
	5.475	CO1001	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.913	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	5.110	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.825	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	CO523	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.475	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.110	CO523	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.380	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
317	**Cross-section No. 3 - T-Rectangle 250/300**					
	7.951	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.795	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7.951	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.770	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.590	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1030	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.590	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.981	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.981	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.988	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1002	0.41	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
318	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.919	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.837	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.810	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO268	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.946	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	5.837	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO883	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
319	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.208	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	LC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.208	CO1010	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	LC7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.208	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
320	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.206	CO1020	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.206	LC18	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1031	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1008	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	LC8	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO205	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.022	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.022	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.815	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
	3.217	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.206	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.815	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.016	CO1022	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1011	0.15	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1021	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO1032	0.13	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.005	CO1030	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1032	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.022	CO1017	0.15	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1021	0.20	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.804	CO1002	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1031	0.21	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1002	0.18	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.25	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.25	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
321	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.453	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	LC7	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	LC15	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.906	LC7	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
322	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.651	CO1032	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.707	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.236	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO268	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.358	CO1028	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC7	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about both axes
	2.358	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.415	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
323	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.436	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.356	CO883	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	LC7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.049	CO259	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.356	LC7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.267	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
324	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.081	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1022	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO1030	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.811	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.622	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
325	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.000	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.400	CO1017	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.600	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1023	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.100	CO1009	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
326	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.150	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.600	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	LC8	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.600	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.600	CO523	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
327	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.660	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.980	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	CO523	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.310	CO898	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO898	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.980	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.980	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.980	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.990	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
328	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.061	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.273	CO205	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.546	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC16	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO523	0.18	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.273	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.546	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.909	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.23	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.273	CO205	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO259	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.182	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.061	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the g

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						grain acc. to 6.1.4
	3.182	CO1002	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1015	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.318	CO1010	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.061	CO1031	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.546	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.471	CO1007	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.061	CO1025	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO1025	0.02	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1016	0.10	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
329	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	CO205	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	LC14	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	LC8	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO268	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.667	LC15	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.667	LC7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC15	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.333	CO205	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.667	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.222	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.334	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.541	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.667	CO1023	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	CO1015	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.334	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.667	CO1016	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.667	CO1024	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.667	CO1016	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO1025	0.02	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
330	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.212	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.031	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.728	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.010	LC15	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	CO205	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.212	CO1015	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.909	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.728	CO1024	0.05	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1023	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1023	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
331	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC17	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.546	LC8	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.909	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO898	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO259	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.455	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO259	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1014	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1002	0.31	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1009	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
332	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.295	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO205	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.885	CO523	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.295	CO268	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.295	CO259	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.984	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	CO1029	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.066	CO1029	0.04	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1030	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.952	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.656	CO1027	0.07	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.590	CO1017	0.22	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
333	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.425	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.055	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.055	CO523	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.712	LC7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.055	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	LC16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1002	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1026	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.25	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1028	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
334	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.542	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.855	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.385	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.084	CO523	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO898	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.964	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.964	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.855	CO1002	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.385	CO1032	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO1002	0.19	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1009	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1032	0.06	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1032	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
335	**Cross-section No. 13 - T-Rectangle 260/260**					
	3.329	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.427	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.329	CO205	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.280	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.756	LC7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1017	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.854	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.280	CO1015	0.43	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO1030	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
336	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.954	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.908	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.419	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.908	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1022	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
337	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO205	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.091	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.455	CO1017	0.00	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.091	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.8
	6.364	CO1031	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	CO1024	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.364	CO1022	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1026	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1001	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1002	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
338	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.250	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.250	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
339	**Cross-section No. 3 - T-Rectangle 250/300**					
	0.795	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.156	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.385	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.180	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.361	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO1030	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.26	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6.361	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.969	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.963	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1030	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.44	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.46	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.963	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.45	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
340	**Cross-section No. 2 - T-Rectangle 180/220**					
	1.946	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.973	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.837	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.946	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
341	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO259	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.472	CO1010	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
342	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.815	CO1020	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	LC15	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.413	CO268	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1008	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.609	CO205	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	CO259	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.413	LC18	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.609	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.206	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.016	CO1030	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.016	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.815	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.206	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.815	CO1029	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1011	0.15	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.016	CO1030	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1030	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1021	0.20	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.217	CO1003	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1012	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.011	CO1023	0.39	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.016	CO1023	0.38	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.38	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
343	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.484	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.391	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.484	CO523	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	LC15	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
344	**Cross-section No. 14 - T-Rectangle 220/220**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.236	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.651	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO1025	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1028	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.651	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.358	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
345	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.089	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.356	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.089	LC17	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.089	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
346	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.163	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.704	LC13	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.893	LC6	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.081	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
347	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.600	CO1017	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO205	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.400	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC18	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.000	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1011	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
348	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.350	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.900	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.900	CO523	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.500	LC7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.900	CO523	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1017	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
349	**Cross-section No. 14 - T-Rectangle 220/220**					
	4.050	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC18	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO883	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1024	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1023	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1023	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
350	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.990	CO898	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.320	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.990	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC18	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.310	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear f

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						force Vz acc. to 6.1.7
	3.300	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1006	0.13	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1002	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1023	0.13	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.320	CO1025	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO1023	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
351	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.471	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.636	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.471	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC16	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.18	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.182	LC15	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.182	CO523	0.23	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.471	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.228	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.955	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.864	CO1011	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1015	0.08	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
352	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.333	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC14	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.222	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.222	CO259	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	LC16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.111	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.111	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1019	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
353	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.909	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.818	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.303	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO259	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.031	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.121	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.3 - Bending about y-axis
354	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.637	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.637	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO259	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.546	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1022	0.19	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.31	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1009	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
355	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.361	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.771	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.952	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	LC17	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.066	CO523	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO205	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.066	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.984	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.952	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.361	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.968	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1017	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO1029	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.885	CO1029	0.04	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.295	CO1027	0.07	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.361	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.361	CO1017	0.22	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
356	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.685	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.370	CO523	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.425	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.082	CO898	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	CO523	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.370	LC15	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.370	CO523	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.13	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1026	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1015	0.27	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1028	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO1017	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
357	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.469	CO523	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.771	CO523	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.855	CO898	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.891	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.698	LC16	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.891	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	LC15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.891	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.542	CO1023	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.19	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1009	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
358	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.756	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.329	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.951	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	CO523	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.756	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.854	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO259	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO259	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.756	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.902	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1015	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO1023	0.48	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.62	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
359	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	LC7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.931	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.885	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.931	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.977	CO1026	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.954	CO259	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.465	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.954	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.885	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.977	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.885	CO1014	0.26	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.39	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
360	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6.364	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.273	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.909	CO1017	0.00	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.728	CO268	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.273	CO1017	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	6.364	CO1023	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1032	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1026	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1026	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.455	CO1007	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.27	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
361	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.380	CO1000	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.110	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.190	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.913	LC14	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.300	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.840	CO205	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.110	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.913	CO268	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.380	CO898	0.25	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
362	**Cross-section No. 3 - T-Rectangle 250/300**					
	7.951	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.795	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.565	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7.951	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.770	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.988	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1030	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.27	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.981	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.8
	7.951	CO1015	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.385	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1002	0.41	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.43	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.385	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
363	**Cross-section No. 2 - T-Rectangle 180/220**					
	3.113	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.448	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.810	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.783	CO268	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.946	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.448	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO268	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
364	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1021	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1026	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	CO1021	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	LC7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.576	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
365	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.413	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	LC18	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO1013	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.005	CO1030	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.619	CO205	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.609	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.815	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.619	CO1032	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.804	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.609	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.609	CO1021	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.27	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.619	CO1032	0.23	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.011	CO1025	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1012	0.31	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.005	CO1026	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1017	0.18	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.815	CO1002	0.12	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1031	0.28	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO1002	0.18	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.804	CO1002	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.27	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
366	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.453	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.844	LC7	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.969	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.906	LC7	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.938	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
367	**Cross-section No. 14 - T-Rectangle 220/220**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.358	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.415	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.236	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.358	CO1012	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1026	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.358	LC7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.415	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1017	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO1017	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.415	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
368	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.436	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.356	CO883	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.742	LC7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	CO523	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.742	LC7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.16	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
369	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.901	LC7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO883	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO883	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.704	CO1021	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO268	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.811	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	2.704	CO523	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.622	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
370	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC14	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO205	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO205	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.400	CO259	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO268	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.300	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO523	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC14	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1015	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1019	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
371	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.150	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO259	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO259	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC18	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.150	CO523	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC18	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.700	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
372	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.980	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.330	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.200	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	LC14	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.650	CO205	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.980	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	LC15	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.980	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC15	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.200	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.200	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1003	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.16	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
373	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.156	CO1014	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.471	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.909	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.318	CO1015	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC14	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.864	LC16	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.48	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	CO205	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.546	CO268	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.121	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.32	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about y-axis
	1.471	CO205	0.11	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO268	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.182	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.273	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1019	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1015	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.318	CO1017	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1030	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.273	CO1031	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.182	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.591	CO1014	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.273	CO1025	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO1025	0.04	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.13	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
374	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	CO205	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.333	LC15	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	LC8	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO268	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.667	LC15	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.000	LC7	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.667	CO205	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.222	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.667	CO1021	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.333	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO1021	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO1015	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	CO1022	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO1023	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.333	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1002	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO1023	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.333	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
375	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.031	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.728	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.212	LC16	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.684	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.515	CO1015	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.909	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.212	CO1030	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO1030	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.031	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.425	CO1032	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1023	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
376	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.364	CO205	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.909	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO898	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO259	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.455	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO205	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO259	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1004	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1014	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.25	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
377	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.590	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.656	CO1031	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.952	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO205	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	LC15	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.590	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.952	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.968	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.590	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.181	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.771	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1029	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.181	CO1032	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.952	CO1011	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1015	0.14	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.590	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.181	CO1002	0.22	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.885	CO1017	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
378	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.425	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.712	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO268	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.425	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.685	CO205	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC7	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.712	LC7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.425	LC7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.712	LC15	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	LC15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1002	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1002	0.22	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1011	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1002	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
379	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.313	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.855	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.385	CO523	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO523	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.964	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC18	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.964	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.891	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	CO898	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.964	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.469	CO1017	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.469	CO1032	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.771	CO1032	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.855	CO1008	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1021	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1002	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1032	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1032	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
380	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.805	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC16	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.805	CO268	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.902	CO259	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO259	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, z-direction
	2.854	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.854	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1015	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.805	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.476	CO1015	0.08	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1006	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.476	CO1017	0.55	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
381	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.954	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.442	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.419	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO268	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.419	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO259	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.908	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.954	LC2	0.10	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1018	0.23	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
382	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.909	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.636	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.364	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.727	LC18	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	6.364	CO205	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.728	CO1017	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO1017	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.091	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.909	CO1016	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO1031	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.091	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO1024	0.11	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	LC1	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1022	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1001	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1002	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1018	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1017	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
383	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.500	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO898	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO7	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
384	**Cross-section No. 3 - T-Rectangle 250/300**					
	0.000	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.156	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.385	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.180	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO259	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.963	CO1017	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.27	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.963	CO1017	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.27	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.969	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7.951	CO1015	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1028	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.565	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1030	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.45	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.48	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.565	CO1017	0.39	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.46	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
385	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.335	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.973	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.837	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.335	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.70	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.73	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.865	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
386	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO259	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.840	CO1026	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO205	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
387	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.609	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.413	CO898	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.804	CO268	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.016	CO1030	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.413	CO898	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.402	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.413	LC18	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	CO259	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.016	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	CO268	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.413	LC18	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.206	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.413	CO1030	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.402	CO1023	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.413	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.413	CO1021	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1021	0.27	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.413	CO1030	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1012	0.31	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.016	CO1007	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.18	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.206	CO1003	0.13	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1021	0.22	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	CO1023	0.40	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.815	CO1015	0.38	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.51	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.42	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
388	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	CO523	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.391	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.875	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
389	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.707	CO523	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.236	CO268	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.886	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.707	CO523	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.943	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
390	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.920	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	CO259	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.356	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.307	LC6	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.920	CO898	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
391	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.704	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.811	LC15	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1025	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.081	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
392	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.700	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC18	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.700	LC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO898	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC18	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.000	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1009	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
393	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	4.050	CO259	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.350	CO523	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1008	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
394	**Cross-section No. 14 - T-Rectangle 220/220**					
	4.050	LC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	LC18	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC6	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC18	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	CO268	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO883	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1004	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1023	0.00	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1023	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1015	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1023	0.07	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
395	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.320	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.200	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.660	LC18	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO268	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1015	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.100	LC14	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.100	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1032	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.320	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	CO259	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.100	CO205	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.660	CO268	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC7	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO268	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO205	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.100	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.310	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.660	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1029	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.660	CO1015	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1015	0.15	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO998	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1028	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1002	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.660	CO1023	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.300	CO1023	0.14	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.320	CO1032	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.660	CO1032	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1023	0.15	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
396	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.471	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.471	LC14	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC14	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.182	LC14	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.318	LC16	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.48	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.182	LC15	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.182	CO523	0.32	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.471	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.228	LC14	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.955	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1019	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						y-axis and tension acc. to 6.2.3
	2.864	CO1018	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1030	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1015	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
397	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.333	CO268	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.667	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.333	LC15	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	LC14	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC14	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.000	CO268	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.667	LC15	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.667	LC15	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	LC16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.111	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.111	CO1023	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1020	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1015	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
398	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.909	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.303	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.818	LC16	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1028	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO259	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.606	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.031	CO259	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	LC14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.031	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.121	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.818	CO1030	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.121	CO1030	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.031	CO1002	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1030	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1002	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
399	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.637	CO523	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.102	LC6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC6	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.637	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	CO523	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.909	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO991	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO259	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.546	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.14	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1029	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1004	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.2 - Buckling about both axes
	0.909	CO1022	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.32	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.24	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
400	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.771	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.361	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.952	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.771	LC15	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.361	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.952	CO259	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.066	CO7	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.984	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.361	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.361	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.771	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.181	CO1029	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.10	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC2	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1011	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.14	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.361	CO1002	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.771	CO1002	0.22	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1006	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.30	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
401	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO7	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO268	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO7	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	CO259	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.370	CO523	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	LC15	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.370	LC15	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.712	LC15	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	LC15	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	LC15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.712	CO1015	0.14	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1029	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.22	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1011	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO1015	0.28	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
402	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.698	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC16	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	LC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO205	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.891	LC15	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC15	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.891	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC15	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.927	CO883	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.891	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.927	CO1014	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1008	0.15	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1014	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
403	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.756	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.280	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.951	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.756	LC16	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	LC15	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.756	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.427	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.756	CO259	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.15	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO259	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO259	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.756	CO1002	0.10	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.902	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.951	CO1030	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1015	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1002	0.61	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO1023	0.50	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.64	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
404	**Cross-section No. 13 - T-Rectangle 260/260**					
	2.931	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.885	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.442	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.954	CO259	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.885	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.954	CO259	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.885	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.442	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.977	CO1029	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.931	LC2	0.10	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1014	0.27	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.40	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
405	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.909	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.728	CO268	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC15	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.273	CO259	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.455	LC18	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO268	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.455	CO1024	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1005	0.10	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1028	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1032	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.455	CO1005	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1003	0.17	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1024	0.12	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.28	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
406	**Cross-section No. 1 - T-Rectangle 360/360**					
	5.475	CO1001	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.738	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.110	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.920	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.460	LC15	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.388	LC16	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.475	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.388	CO523	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.475	CO268	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6.388	CO523	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.563	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.110	LC15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
407	**Cross-section No. 3 - T-Rectangle 250/300**					
	4.770	LC15	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.795	LC6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.590	CO898	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.969	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.951	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.963	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO898	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.590	CO7	0.28	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.29	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.590	CO1017	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.28	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.385	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.385	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.770	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.988	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1021	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.590	CO1003	0.43	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.46	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO1017	0.43	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.47	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.45	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
408	**Cross-section No. 2 - T-Rectangle 180/220**					
	2.919	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6.227	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.783	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO268	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC7	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO883	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.557	CO7	0.71	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.919	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.946	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
409	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.368	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	LC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.208	CO1020	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	3.680	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.680	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.680	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.208	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
410	**Cross-section No. 12 - T-Rectangle 220/240**					
	2.011	CO1022	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.005	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1017	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.206	LC15	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	CO996	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.804	CO1017	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1017	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.609	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.011	CO7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.005	CO7	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.815	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.016	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.609	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.011	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.804	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.609	CO1018	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.005	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1010	0.32	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1011	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.011	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.011	CO1015	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1021	0.37	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.413	CO1005	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.022	CO1008	0.32	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1018	0.36	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.815	LC1	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1031	0.22	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.413	CO1002	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1008	0.37	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.45	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.13	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
411	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC7	0.11	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.969	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1013	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC7	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	LC7	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	LC7	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.938	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	LC7	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.906	LC7	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	LC7	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
412	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.651	CO1032	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.472	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO259	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.358	CO268	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC17	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC14	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	LC7	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO1019	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO1018	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
413	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.307	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.356	CO1022	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.742	LC7	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.356	LC7	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.267	CO883	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.356	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.742	LC7	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.267	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.356	LC7	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.356	LC7	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.742	LC7	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
414	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.163	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.901	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.270	CO268	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1022	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO1030	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1017	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.270	LC17	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.270	LC17	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.901	LC14	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.622	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
415	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.700	CO259	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC17	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO523	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	LC8	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO7	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.200	LC15	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC17	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.200	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.000	CO1025	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1021	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1021	0.17	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1021	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
416	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.900	LC15	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO259	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.250	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.800	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO259	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.900	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.500	LC17	0.14	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.900	LC14	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.900	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC17	0.15	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO523	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.250	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.700	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.350	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1022	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.800	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.800	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.600	CO1015	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1015	0.26	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.500	CO1032	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
417	**Cross-section No. 7 - T-Rectangle 260/280**					
	1.100	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.650	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.980	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.980	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.650	CO523	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	LC8	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.650	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC6	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.650	LC16	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.200	LC14	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC16	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.650	LC16	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC16	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.100	CO883	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.980	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.980	CO1023	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.970	CO1030	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.14	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
418	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.061	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.546	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.228	LC7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.591	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1015	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.864	CO898	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.471	CO205	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.864	CO259	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.909	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO7	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.471	CO205	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.864	CO268	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.156	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.864	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.273	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1002	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.909	CO1024	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1006	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.11	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1003	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						y-axis and tension acc. to 6.2.3
	0.318	CO1011	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1017	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.273	CO1031	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.546	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.471	CO1007	0.01	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.273	CO1025	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.546	CO1025	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1016	0.11	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
419	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.334	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	LC7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC8	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	LC8	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	CO898	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.333	CO523	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC14	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	LC15	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.667	CO1025	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC14	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC15	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.667	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.258	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.334	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	CO1025	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO1023	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.753	CO1006	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.09	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1028	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO1016	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.667	CO1032	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.3 - Bending about y-axis
	2.000	CO1016	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.667	CO1032	0.03	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1016	0.08	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
420	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.684	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.684	CO259	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.010	LC15	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.053	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.031	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	LC8	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.401	LC6	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO259	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.053	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.401	CO1015	0.04	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.212	CO1030	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1003	0.07	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.425	CO1000	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1003	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.425	CO1006	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1017	0.15	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.09	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
421	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.364	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.10	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.455	CO205	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.364	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO898	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.20	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.546	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO7	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.637	CO991	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.546	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.30	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO205	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.080	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.818	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.818	CO1021	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.080	CO1024	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.546	LC2	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.091	CO1030	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO999	0.15	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.102	CO1015	0.31	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1014	0.24	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1015	0.28	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
422	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.885	LC15	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.295	CO259	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.885	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.476	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.590	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.885	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.968	LC15	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.885	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	LC15	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.771	LC8	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO205	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.771	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.476	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.295	CO259	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO523	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.968	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.590	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.295	CO1006	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.295	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.476	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1021	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.361	LC2	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1017	0.22	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1015	0.30	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.181	LC3	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.476	CO1017	0.24	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.2 - Buckling about both axes
	0.000	CO1017	0.46	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1015	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
423	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.283	CO7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.712	LC15	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.712	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.425	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO898	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	LC8	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.283	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.425	CO268	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO259	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.370	LC14	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.397	CO523	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.712	LC15	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.370	LC14	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.397	CO523	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.142	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.397	CO883	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.055	CO1015	0.12	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1030	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.425	CO1015	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.283	CO1004	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1015	0.17	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.50	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
424	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.469	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.698	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.542	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC13	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO205	0.21	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	CO268	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.698	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.855	CO898	0.15	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.313	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO205	0.20	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC6	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.313	LC15	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.20	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC18	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.313	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.891	CO883	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.156	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.927	CO1021	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.855	CO1003	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1030	0.05	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO1015	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.964	LC3	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC3	0.01	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.469	LC2	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.891	CO1030	0.22	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.56	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
425	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.902	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.902	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.280	CO268	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.280	LC6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	LC6	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC6	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.902	LC15	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.329	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.329	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.902	CO259	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.756	CO7	0.16	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.329	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.902	CO7	0.16	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.902	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.805	CO1002	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.280	CO1023	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1016	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1018	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.427	CO1030	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.15	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.280	CO1006	0.45	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO1002	0.55	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO1027	0.27	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.65	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
426	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.465	LC15	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.419	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.931	CO268	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.488	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.419	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC18	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.396	CO7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.488	CO205	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.931	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.396	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.488	CO205	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.954	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.908	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.931	CO1024	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.885	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.908	CO1002	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1013	0.11	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1015	0.13	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.419	CO1016	0.20	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.908	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1013	0.32	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
427	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.909	LC18	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.182	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6.364	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO898	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.818	CO1032	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.636	CO205	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO205	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.636	CO1022	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.727	CO7	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.091	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.636	CO1022	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.727	CO7	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.091	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.455	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.636	CO1024	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC1	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.455	CO1016	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO1023	0.09	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1024	0.16	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.455	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO1032	0.10	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1032	0.17	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.455	CO1003	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1030	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1006	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	4.455	LC2	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.455	CO1002	0.10	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1021	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1022	0.22	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
428	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.000	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.750	CO523	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO523	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO523	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO523	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
429	**Cross-section No. 3 - T-Rectangle 250/300**					
	2.981	LC15	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.951	CO7	0.09	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.951	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.361	CO898	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.180	LC16	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.981	LC15	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.988	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO898	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.361	CO7	0.28	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.951	CO7	0.29	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.180	CO205	0.22	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO259	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO259	0.29	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.565	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
	7.951	CO1015	0.06	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.180	CO1017	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.951	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.963	CO1017	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1021	0.05	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1015	0.52	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.54	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.385	CO1015	0.50	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.969	CO1015	0.52	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1015	0.53	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
430	**Cross-section No. 2 - T-Rectangle 180/220**					
	1.557	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.07	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.670	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7.783	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.227	CO7	0.71	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO523	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.74	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.63	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.670	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5.837	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
431	**Cross-section No. 12 - T-Rectangle 220/240**					
	1.472	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.680	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO259	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.472	CO1020	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO259	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	CO523	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.840	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.472	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
432	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.815	LC15	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.402	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.005	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO989	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1017	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.011	CO1030	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.815	LC15	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.402	LC17	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.413	CO883	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	CO259	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.413	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.402	LC18	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.413	LC18	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.206	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.413	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.016	CO1023	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.413	CO1018	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.011	CO1032	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.022	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1010	0.32	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO1011	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1021	0.37	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.609	CO1004	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1008	0.32	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1018	0.36	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.206	LC1	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1021	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.609	CO1003	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1008	0.37	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.45	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.28	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
433	**Cross-section No. 8 - T-Rectangle 200/120**					
	1.453	CO523	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.844	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.875	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1030	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.453	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	LC15	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.906	LC4	0.19	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	LC8	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	CO7	0.72	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.938	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
434	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.886	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.358	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.122	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1026	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1028	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.886	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.886	LC7	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.886	LC4	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
435	**Cross-section No. 9 - T-Rectangle 260/280**					
	4.356	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.089	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO7	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	CO259	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC16	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.356	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.089	LC17	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC16	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.089	CO523	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
436	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.541	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.704	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.811	LC15	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.704	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.704	LC13	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.704	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.23	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.704	LC7	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.704	CO7	0.20	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.802	LC14	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.081	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
437	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.000	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.800	LC15	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO883	0.18	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.800	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.300	CO205	0.21	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO205	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.800	LC8	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO7	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.800	LC15	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.300	CO205	0.21	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.800	CO1002	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1015	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.800	CO1002	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.600	CO1015	0.19	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.27	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.05	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
438	**Cross-section No. 7 - T-Rectangle 260/280**					
	4.500	CO7	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.150	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.700	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.600	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC16	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.500	LC7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.600	LC15	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC16	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC15	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.150	CO1002	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.700	CO1002	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.06	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
439	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.150	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC18	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO205	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO268	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	CO205	0.38	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO268	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.600	CO883	0.11	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.700	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1024	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1024	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.350	CO1001	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1024	0.63	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.500	CO1032	0.77	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
440	**Cross-section No. 7 - T-Rectangle 260/280**					
	2.200	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.650	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.330	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.650	CO268	0.13	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO259	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.650	CO523	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	CO523	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.650	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.990	CO898	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO898	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.650	LC16	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.300	LC7	0.21	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.300	CO259	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.300	CO7	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.650	LC16	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC7	0.24	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO268	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	LC18	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.200	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.100	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.650	CO1002	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.300	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1015	0.05	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO1015	0.03	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1023	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.650	CO1003	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.330	CO1030	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1015	0.40	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.300	CO1032	0.35	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.300	CO1015	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.300	CO1032	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
441	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.121	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO259	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.591	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.471	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC8	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO898	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.591	LC15	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.182	CO523	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.591	LC15	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO523	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO523	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.546	CO1014	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1002	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1017	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.156	CO1024	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO998	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.719	CO1017	0.09	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1017	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO1002	0.08	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
442	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.541	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	LC16	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.334	CO7	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC8	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.667	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	LC8	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.334	LC8	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO7	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.222	CO259	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO523	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.334	LC14	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.334	CO7	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO523	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC14	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	LC16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.333	CO1023	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1002	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1028	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1017	0.15	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1017	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
443	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.031	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.303	CO268	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.020	LC15	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC8	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.684	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.18	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.606	CO268	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.728	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.818	CO1030	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.606	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC2	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1028	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1017	0.09	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1002	0.07	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.728	CO1002	0.10	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO1017	0.10	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.15	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
444	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.182	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.10	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.818	CO259	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.273	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.080	CO523	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	LC14	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.20	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.909	CO259	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO991	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.30	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO259	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.18	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.416	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.818	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.637	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.10	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.102	CO1015	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC2	0.08	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.455	CO1030	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO999	0.15	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.273	CO1002	0.29	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1022	0.26	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.26	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
445	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.984	LC15	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.771	CO259	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.4
	2.066	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.476	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.066	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.984	LC15	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.066	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC15	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.181	LC8	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.771	CO205	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.771	CO259	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.361	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.361	CO1015	0.08	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.771	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.476	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.06	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.590	LC2	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.952	CO1017	0.22	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1030	0.30	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.476	LC3	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.476	CO1017	0.24	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1023	0.46	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.58	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
446	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.142	CO7	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.142	LC15	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO268	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO898	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.142	CO7	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.027	LC17	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.055	LC14	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.027	CO523	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.142	LC15	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.055	LC14	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.027	CO523	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.142	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.142	CO1004	0.09	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.425	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1015	0.07	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.06	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.142	CO1004	0.11	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	LC2	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.87	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
447	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.385	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.313	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.542	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO205	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.891	LC16	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC16	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.156	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.855	LC18	0.28	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.542	LC15	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.891	LC15	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.542	LC15	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.891	LC15	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.542	LC15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.891	CO883	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.698	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.927	CO1014	0.06	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1024	0.08	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.891	LC3	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.855	LC3	0.01	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.385	LC2	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.964	CO1030	0.22	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1015	0.90	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
448	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	LC15	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.854	CO7	0.12	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC8	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.329	LC8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.756	LC7	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.902	LC7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.854	LC15	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.427	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.427	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.854	CO259	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO259	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	0.000	CO7	0.16	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO7	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.854	CO259	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO259	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.854	CO883	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.951	CO1002	0.11	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1022	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.756	CO1002	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	CO1018	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.329	CO1030	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1015	0.18	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	LC2	0.18	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO1002	0.55	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO1032	0.38	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1015	0.76	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
449	**Cross-section No. 13 - T-Rectangle 260/260**					
	2.442	LC15	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.465	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.954	CO259	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.954	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.908	LC7	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC7	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.465	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.931	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.488	CO7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.885	LC18	0.15	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO259	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.954	CO259	0.07	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.488	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	LC18	0.16	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO259	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.954	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO883	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.977	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.954	CO1024	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.977	CO1002	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.465	CO1031	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1015	0.24	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.931	LC2	0.10	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.977	CO1002	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1019	0.25	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.885	CO1015	0.56	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
450	**Cross-section No. 13 - T-Rectangle 260/260**					
	5.728	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.728	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO205	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.728	LC17	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	LC17	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.364	LC15	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.091	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.728	CO205	0.15	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6.364	CO205	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.273	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.728	CO268	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO268	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.182	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.546	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.818	CO1003	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.637	CO1024	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.909	LC1	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.13	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.909	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1031	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	6.364	CO1031	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	LC2	0.03	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.818	CO1003	0.10	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1013	0.21	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1023	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
451	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.563	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.913	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.300	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO205	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.300	CO1012	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.110	CO523	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.913	CO259	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.920	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.913	CO268	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.380	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.738	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
452	**Cross-section No. 4 - T-Rectangle 360/300**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6.361	LC7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.795	CO7	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.46	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.988	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.770	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6.361	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.770	CO523	0.15	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.975	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.180	CO1021	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO1021	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.994	CO993	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.21	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.795	CO7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.963	CO7	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.14	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.981	CO883	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.975	CO883	0.38	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1016	0.08	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.385	CO1021	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1021	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.988	CO1017	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.17	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.590	CO1017	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.19	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.15	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
453	**Cross-section No. 2 - T-Rectangle 180/220**					
	5.837	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.837	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.670	CO1030	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.335	CO1025	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.783	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.448	CO523	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.810	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.892	CO259	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO268	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.946	CO7	0.40	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.44	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6.227	CO7	0.37	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.837	CO7	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.37	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.113	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.919	CO898	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
454	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.000	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC17	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.680	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC8	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.368	CO883	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.104	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.680	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.680	LC17	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.104	LC14	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.680	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.368	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.208	CO7	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.680	CO7	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.920	LC4	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.368	CO7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.208	CO7	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.576	CO898	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.208	LC8	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
455	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.609	LC18	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.402	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.022	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.011	CO898	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.005	LC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.022	CO898	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO205	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.804	LC15	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.022	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.005	LC8	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	LC8	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.016	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO523	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.022	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.005	LC8	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	LC8	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.413	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.016	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.413	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.815	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1031	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1032	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.217	CO1013	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.022	CO1013	0.12	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.217	CO1007	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.413	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.022	CO1025	0.12	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.609	CO1030	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.402	CO1011	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.022	CO1021	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.815	CO1002	0.05	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1032	0.08	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	1.609	CO1021	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.402	CO1026	0.08	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1017	0.14	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.06	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
456	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.938	LC17	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.453	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC7	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.844	CO1031	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.875	CO1025	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO268	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.844	LC8	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.938	LC7	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	LC7	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1002	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.453	CO7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.938	LC4	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.844	LC4	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.453	CO7	0.33	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.32	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.391	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	LC7	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
457	**Cross-section No. 14 - T-Rectangle 220/220**					
	1.651	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.651	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC4	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	LC7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.358	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.358	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1028	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.358	CO1007	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.358	CO1012	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.651	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.358	LC7	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.358	LC4	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.179	CO268	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.358	CO268	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.472	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.358	LC4	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.179	CO268	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	LC7	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	LC7	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
458	**Cross-section No. 9 - T-Rectangle 260/280**					
	3.485	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.356	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.356	LC17	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.356	CO7	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC7	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.356	CO268	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.049	CO259	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.920	CO259	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.356	CO7	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.871	CO7	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.356	LC7	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.049	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.742	LC7	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.920	CO205	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.356	CO7	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.356	LC7	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.049	CO523	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.742	LC7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.742	LC7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	LC7	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
459	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.704	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.704	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.270	LC17	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.163	CO268	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.811	LC7	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1022	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.901	LC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.704	CO268	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.704	CO1021	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.270	LC7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.811	LC14	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.704	CO523	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.270	LC7	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.811	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.704	CO523	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.622	CO898	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.622	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
460	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	LC7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC16	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.000	LC16	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	LC15	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	LC15	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO523	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.200	CO883	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.700	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.900	CO1017	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1025	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1003	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.000	CO1021	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1021	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1021	0.05	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
461	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.500	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.250	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC6	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.800	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.450	CO259	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO259	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.900	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC17	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.500	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.900	LC15	0.00	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.800	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.700	CO898	0.13	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.450	CO1017	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1032	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	CO1002	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.450	CO1022	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1022	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1022	0.05	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
462	**Cross-section No. 7 - T-Rectangle 260/280**					
	3.300	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.300	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.660	CO259	0.16	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.200	CO205	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	CO1030	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO993	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC14	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.100	LC7	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.100	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.660	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.320	CO1023	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.640	CO1025	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1004	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC1	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1002	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.980	CO1023	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.17	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1021	0.11	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
463	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.546	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.182	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.228	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.591	LC8	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1023	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.546	CO1024	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.864	LC16	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.318	CO268	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.156	CO259	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO523	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.318	CO268	0.11	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.156	CO268	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.273	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.719	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.318	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.228	CO1021	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1025	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.182	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1016	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.228	CO1022	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.04	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO1002	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1011	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1030	0.07	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.228	CO1025	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.719	CO1025	0.01	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1023	0.04	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1025	0.03	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.228	CO1025	0.01	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.719	CO1025	0.02	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.00	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
464	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.753	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO268	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.111	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1016	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	CO1032	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.667	CO523	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO7	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	CO268	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.334	LC17	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.334	CO268	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.222	LC7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	CO268	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.334	LC7	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.334	CO268	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	CO883	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.541	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.667	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.667	CO1021	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.333	CO1025	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.334	CO1023	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.333	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.667	CO1023	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.667	CO1023	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1015	0.03	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1017	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1029	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.04	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.667	CO1025	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.333	CO1025	0.00	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.334	CO1025	0.01	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1002	0.03	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.667	CO1025	0.01	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.333	CO1025	0.01	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.334	CO1025	0.01	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1025	0.00	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
465	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.425	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.684	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.606	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.031	LC17	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.684	LC17	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.909	CO523	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.121	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.031	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.515	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.031	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.121	CO883	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO523	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.515	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.606	CO268	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.515	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.020	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.303	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1023	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1030	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.031	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.031	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.031	CO1027	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1003	0.03	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.684	CO1023	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	LC3	0.00	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1002	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.425	CO1017	0.02	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1003	0.04	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
466	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.909	LC15	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO7	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO205	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.909	LC15	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.080	CO898	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.546	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.637	CO1021	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.546	CO7	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.637	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO523	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO7	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.728	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.909	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.546	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.546	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.546	CO1002	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.637	CO1021	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.546	CO1017	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.637	CO1002	0.04	≤ 1	803)	Fire resistance - Compression member with axial compression acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						to 6.3.2 - Buckling about both axes
	4.546	LC3	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO1002	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.637	CO1017	0.05	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1017	0.09	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.546	CO1002	0.05	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
467	**Cross-section No. 14 - T-Rectangle 220/220**					
	2.066	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.181	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.181	CO7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.771	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.181	CO898	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO205	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.885	LC14	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC18	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.968	CO883	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.952	LC1	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.295	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.181	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	LC1	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.181	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.181	CO898	0.11	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.476	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.181	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1024	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1026	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.952	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.771	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.656	CO1020	0.03	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1024	0.16	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.181	LC2	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.476	CO1017	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1017	0.07	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.18	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.08	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
468	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.055	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.712	LC7	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.740	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.425	CO883	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.712	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.283	CO993	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO7	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.027	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.425	CO523	0.27	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.425	LC16	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.142	LC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.027	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.425	CO523	0.29	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.425	LC16	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.425	CO1017	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.425	CO1030	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.425	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.425	CO1017	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.055	CO1029	0.05	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.425	CO1021	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.425	CO1030	0.11	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
469	**Cross-section No. 14 - T-Rectangle 220/220**					
	3.084	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.313	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.542	LC18	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.855	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.469	LC4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.469	CO523	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.313	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.469	CO898	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.313	LC7	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO205	0.16	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.855	LC16	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.313	LC7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.18	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.855	LC16	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.964	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.964	CO883	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.385	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.927	CO1017	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.855	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.855	CO1030	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO1016	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.855	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.855	CO1026	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.698	CO1030	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO1021	0.16	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	CO1030	0.12	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
470	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC7	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.951	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.329	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.756	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.378	LC7	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.951	CO523	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.951	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.280	CO7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.902	CO7	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO7	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.854	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.427	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.427	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1006	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.378	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.427	CO1002	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.280	CO1015	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1021	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.902	CO1002	0.25	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.427	CO1002	0.26	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.280	CO1015	0.20	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.25	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
471	**Cross-section No. 13 - T-Rectangle 260/260**					
	4.396	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.954	LC7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.442	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.465	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC13	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.931	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.908	LC17	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.465	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.885	CO523	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.885	CO1019	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO993	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO7	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.419	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.442	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO993	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.442	LC1	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.442	CO883	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.908	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1002	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.885	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.885	CO1030	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.954	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.885	CO1015	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.419	CO1015	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.885	CO1017	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.908	CO1030	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.465	CO1017	0.15	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1002	0.18	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.14	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
472	**Cross-section No. 13 - T-Rectangle 260/260**					
	6.364	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.818	LC18	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.909	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.364	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.182	CO205	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.364	CO1027	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.273	CO523	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO523	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.728	CO1025	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.273	CO205	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.727	CO205	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.273	CO898	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.818	CO898	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO1017	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.273	CO898	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.818	CO898	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.727	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.727	CO883	0.22	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6.364	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.728	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.909	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	6.364	CO1022	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.364	CO1030	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.727	CO1020	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.909	CO1024	0.02	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6.364	CO1030	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.728	CO1032	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO1025	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6.364	CO1025	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6.364	CO1028	0.06	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1030	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and compression acc. to 6.2.3
	6.364	CO1012	0.08	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.727	CO1024	0.04	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	6.364	CO1018	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1021	0.06	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1021	0.11	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.05	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
473	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	CO523	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC15	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.500	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.250	CO268	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.500	CO268	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO7	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
474	**Cross-section No. 4 - T-Rectangle 360/300**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.180	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.156	CO7	0.05	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO523	0.38	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.951	CO523	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.963	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.180	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.951	LC8	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.963	LC15	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.180	CO523	0.15	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.951	CO523	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.975	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.770	CO259	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.951	CO259	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6.957	CO993	0.06	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO523	0.21	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	7.156	CO7	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.988	CO7	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO7	0.14	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	5.565	LC16	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.975	CO898	0.37	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	7.951	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.951	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.951	CO1021	0.07	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.951	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7.951	LC1	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.565	CO1021	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	7.951	CO1021	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.963	CO1017	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1002	0.17	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6.361	CO1017	0.15	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.19	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.951	CO1017	0.15	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
475	**Cross-section No. 2 - T-Rectangle 180/220**					
	1.946	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.946	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.783	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.783	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.783	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.113	CO1030	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7.005	CO205	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.783	CO205	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.335	CO523	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.973	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.783	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.783	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7.005	CO259	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.783	CO268	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.837	CO7	0.40	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7.783	CO7	0.44	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.557	CO7	0.37	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.946	CO7	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7.783	CO7	0.37	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.670	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.865	CO898	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
476	**Cross-section No. 12 - T-Rectangle 220/240**					
	3.680	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.576	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.680	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC8	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.680	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.680	CO259	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.576	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.312	LC18	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.576	LC14	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.312	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.472	CO7	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.472	LC4	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.312	CO7	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.472	CO7	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.680	CO7	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.104	CO898	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.472	LC8	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
477	**Cross-section No. 12 - T-Rectangle 220/240**					
	0.804	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.011	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.217	CO268	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.011	CO898	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.016	LC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.011	CO523	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.217	LC15	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.217	CO205	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.022	CO259	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.005	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.217	CO268	0.17	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO268	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.609	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.016	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.022	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.619	CO1014	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.022	CO1021	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1021	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.022	CO1021	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1032	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.619	CO1031	0.07	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1021	0.12	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.804	CO1024	0.10	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.619	CO1014	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.20	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.022	CO1023	0.14	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
478	**Cross-section No. 8 - T-Rectangle 200/120**					
	0.969	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.906	LC15	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.391	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.844	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.844	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.844	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1029	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.422	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC8	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.906	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.844	CO523	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.844	CO1002	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.391	CO7	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.844	CO7	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.906	LC4	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO523	0.06	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC4	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.391	CO7	0.33	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO7	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.844	CO7	0.32	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.938	CO883	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.906	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
479	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.707	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.707	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC4	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.358	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.358	CO1025	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1025	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1012	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.707	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC4	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.358	CO268	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.651	LC4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC4	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.358	CO259	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.179	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.179	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
480	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.178	CO205	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.307	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.614	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC5	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.356	LC17	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC17	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.356	CO7	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.485	CO7	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC7	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.307	CO523	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.356	LC18	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.307	CO523	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.178	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.178	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
481	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.352	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.893	LC16	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.704	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC8	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC7	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.704	LC6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.802	LC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO898	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.704	CO7	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO259	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.704	LC7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.893	LC14	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.704	CO7	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.704	LC7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.893	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.081	CO898	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.081	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
482	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.100	LC17	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO268	0.19	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.800	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO883	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.000	CO268	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.800	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO523	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.100	LC17	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.700	CO205	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.000	CO205	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.100	CO205	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.100	LC17	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.700	CO205	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.000	CO205	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	LC16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.700	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.100	CO1017	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.000	CO1015	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.8
	0.000	CO1002	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1006	0.05	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.000	CO1015	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1023	0.06	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
483	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.500	CO7	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO205	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.250	LC6	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	LC6	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.700	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO523	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.250	CO259	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.600	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.250	LC17	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.500	LC18	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.600	LC15	0.00	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.250	LC7	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC7	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	LC7	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.700	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.800	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.050	CO1017	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1004	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.500	CO1023	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1025	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.900	CO1021	0.06	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.250	CO1015	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.250	CO1015	0.04	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
484	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO7	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.250	LC18	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC13	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.27	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.500	CO205	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO898	0.18	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC16	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC7	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC16	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.350	LC18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.700	CO883	0.23	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.700	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1002	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1025	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	LC2	0.00	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.350	CO1023	0.02	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1030	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1025	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.12	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
485	**Cross-section No. 7 - T-Rectangle 260/280**					
	0.000	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.650	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.330	CO205	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO7	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO259	0.26	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.300	CO1015	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO993	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.300	LC14	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.330	CO205	0.20	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.300	CO259	0.54	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.300	CO7	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.330	CO205	0.22	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO268	0.56	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO205	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.200	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.990	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.640	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.320	CO1021	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.990	CO1032	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.300	CO1017	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.300	CO1015	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.300	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.300	CO1004	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.300	LC1	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.300	CO1002	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.320	CO1021	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.300	CO1021	0.17	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.990	CO1032	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.300	CO1015	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	3.300	CO1021	0.11	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.990	CO1032	0.05	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1015	0.22	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.300	CO1032	0.03	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
486	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.636	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.955	CO259	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO523	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	1.909	LC8	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.182	LC15	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.636	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.182	CO523	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.909	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.156	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.864	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.955	CO1023	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.182	CO1021	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.182	CO1011	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.182	CO1030	0.07	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1015	0.04	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
487	**Cross-section No. 9 - T-Rectangle 260/280**					
	0.667	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.667	CO268	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO7	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	CO259	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.333	CO205	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO7	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.541	LC16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.541	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.541	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.111	CO1023	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.334	CO1002	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1022	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.334	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.334	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.334	CO1017	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1029	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.334	CO1015	0.05	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1015	0.03	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
488	**Cross-section No. 9 - T-Rectangle 260/280**					
	2.425	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.121	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.425	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO7	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.909	CO259	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3.031	CO1030	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.053	LC16	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.909	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO523	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.515	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO1029	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3.031	CO7	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.606	CO993	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO259	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.515	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.684	CO7	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO7	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.401	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.010	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.728	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.031	CO1002	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.031	CO1002	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3.031	CO1030	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.909	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.031	CO1002	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1027	0.01	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	3.031	CO1016	0.03	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.606	CO1002	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC3	0.00	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.031	CO1002	0.04	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.606	CO1017	0.02	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1018	0.04	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.031	CO1002	0.02	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
489	**Cross-section No. 9 - T-Rectangle 260/280**					
	1.026	LC16	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.546	CO7	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO205	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.182	CO883	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.909	CO883	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO883	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.080	LC7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.026	LC16	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.546	CO7	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.909	CO1015	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO7	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.909	CO993	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.546	CO7	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO7	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.102	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.818	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.026	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.546	CO1002	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.546	CO1023	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.546	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.909	CO1015	0.02	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1015	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.909	CO1002	0.04	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC3	0.01	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1002	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.909	CO1017	0.05	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.09	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1002	0.05	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
490	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.885	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.476	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.771	CO7	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.952	CO523	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO205	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.952	LC8	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.771	CO898	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.952	CO898	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.066	LC14	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.771	CO523	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.952	CO523	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.771	CO7	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.181	CO205	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.952	CO205	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.885	CO883	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.771	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.181	CO259	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO259	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.984	LC16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.771	CO898	0.11	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.952	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.476	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.771	CO1030	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.952	CO1031	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.952	CO1016	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.476	CO1017	0.02	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1015	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	2.952	CO1031	0.14	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.476	LC2	0.02	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.476	CO1017	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.09	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.952	CO1015	0.18	≤ 1	833)	Fire resistance - Member with biaxial bending and compression a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.3.2 - Buckling about both axes
	2.952	CO1015	0.08	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
491	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.370	CO7	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.027	LC16	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3.425	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO259	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.342	LC6	0.15	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC6	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.712	CO7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO259	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.397	LC15	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO523	0.27	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC18	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.283	LC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.397	LC15	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.29	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC18	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.283	CO883	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.283	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	CO1017	0.05	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.425	CO1017	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1025	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1023	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1017	0.10	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.370	CO1029	0.05	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1016	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.15	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
492	**Cross-section No. 14 - T-Rectangle 220/220**					
	0.771	LC5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.927	CO268	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.313	LC16	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.855	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.385	LC4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.385	CO523	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.542	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.25	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3.855	CO268	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.855	LC16	0.14	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC16	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.855	LC16	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC16	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.927	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.891	CO883	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.469	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.542	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear f

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						force Vz acc. to 6.1.7
	0.000	CO1025	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.01	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1026	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.927	CO1015	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1016	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1025	0.15	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
493	**Cross-section No. 13 - T-Rectangle 260/260**					
	1.427	CO523	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.805	CO7	0.08	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO523	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.427	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.756	LC8	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.805	LC7	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.805	CO523	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.756	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.805	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.951	CO259	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.756	CO268	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.854	CO7	0.10	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.805	CO7	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.951	CO259	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO7	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.675	CO883	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.902	CO883	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.329	CO1002	0.05	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	4.756	CO1015	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.756	CO1030	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.378	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.675	CO1015	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.476	CO1015	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	4.756	CO1021	0.11	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	2.854	CO1002	0.25	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.329	CO1002	0.26	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.476	CO1015	0.25	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1017	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.756	CO1002	0.25	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
494	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.954	LC16	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.442	CO7	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.419	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.885	LC17	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.885	LC18	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.908	LC15	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.419	CO523	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.885	LC7	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1019	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.885	CO205	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.885	CO259	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.465	CO993	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.442	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO205	0.20	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO259	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.442	LC1	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.931	CO883	0.16	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.977	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.885	CO1015	0.03	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1002	0.01	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1025	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.931	CO1029	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC3	0.00	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1027	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.885	CO1015	0.05	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1016	0.07	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.977	CO1030	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.419	CO1017	0.15	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1015	0.17	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1015	0.20	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.885	CO1015	0.14	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
495	**Cross-section No. 13 - T-Rectangle 260/260**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.455	CO268	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.637	CO205	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1027	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.091	CO523	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.182	CO7	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.455	CO205	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO205	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.818	LC7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3.182	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO268	0.18	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.637	CO883	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.637	CO883	0.20	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.455	CO1023	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1023	0.02	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1025	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.637	CO1020	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1030	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1028	0.06	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.455	CO1031	0.04	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						z-axis and compression acc. to 6.2.3
	0.000	CO1025	0.10	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1030	0.03	≤ 1	816)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	0.000	CO1018	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.455	CO1023	0.12	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1023	0.17	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6.364	CO1023	0.10	≤ 1	846)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
496	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.500	CO1022	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	CO523	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.585	LC8	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC7	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.000	CO523	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.32	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
497	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC17	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO268	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.585	LC7	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
498	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1010	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC17	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO898	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.415	LC7	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
499	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	CO1021	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC17	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO259	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.585	LC7	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
500	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1010	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	LC7	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO898	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.415	LC7	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
501	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1001	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC17	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO259	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.585	LC7	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
502	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	LC7	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC14	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.415	LC7	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
503	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC17	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC15	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.585	LC7	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
504	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	CO1011	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	LC7	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC17	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO268	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.415	LC7	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
505	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.585	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.000	CO523	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC15	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.826	LC7	0.29	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.826	LC7	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
506	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.500	CO1014	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	LC8	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO205	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	LC8	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC14	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.400	CO898	0.39	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
507	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.651	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.15	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO268	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	LC15	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
508	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1017	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO523	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC17	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1019	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
509	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO523	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO268	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	LC15	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	CO268	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
510	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	CO1015	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO268	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC17	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC16	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.000	CO259	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	CO268	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
511	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	CO1015	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO268	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO523	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO259	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO259	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	CO268	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
512	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO268	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC17	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO523	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO205	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.000	CO259	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	CO268	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO259	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
513	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	CO1015	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC17	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO523	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
514	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.349	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC17	0.15	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
515	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1014	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	LC15	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.826	LC7	0.22	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
516	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.000	CO1013	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1027	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO523	0.43	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.16	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.349	CO1029	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1030	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1021	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1005	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1027	0.44	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1030	0.48	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	CO1029	0.18	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1029	0.48	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.18	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
517	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.500	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	LC7	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.26	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.000	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1030	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1005	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.590	CO1030	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.39	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1020	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
518	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.651	LC7	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.651	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.35	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.651	CO1007	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO1022	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1016	0.11	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
519	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.000	LC7	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear f

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						force Vy acc. to 6.1.7
	2.500	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.590	CO1030	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.000	CO1025	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.37	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
520	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.590	CO1015	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC14	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.651	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1022	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.35	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.651	CO1013	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.38	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
521	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.410	CO1015	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1022	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.8
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1028	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	CO1013	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.34	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
522	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	LC7	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.31	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO1025	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.36	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
523	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC9	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	LC7	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.590	CO1021	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	5.000	CO1020	0.31	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	CO1007	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.35	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
524	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	LC7	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC8	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.000	LC7	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1005	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1028	0.02	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.37	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1021	0.39	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
525	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.000	CO1013	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.349	CO523	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1005	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.34	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1020	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
526	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.000	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC7	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.000	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1019	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.400	LC8	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.400	CO898	0.26	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO1023	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO1019	0.20	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1021	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1020	0.43	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1030	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
527	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1002	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC9	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO259	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.000	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC9	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.000	LC8	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.000	LC8	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1015	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1028	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC1	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1030	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.32	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1028	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.000	CO1019	0.17	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.37	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1024	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	CO1028	0.45	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO1019	0.60	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.82	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.46	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
528	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.590	LC14	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.590	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.590	LC14	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1015	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.590	CO1029	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1029	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1016	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.33	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.500	CO1017	0.25	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.39	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1030	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1026	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO1026	0.59	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.73	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.37	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
529	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.666	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.590	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1029	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1015	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.32	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1017	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1026	0.28	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1029	0.41	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.64	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.29	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
530	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.666	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1017	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1020	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.000	CO1015	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.33	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.39	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1026	0.21	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1029	0.34	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.21	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
531	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.666	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.000	CO1015	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.33	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	CO1026	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1029	0.26	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1026	0.49	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
532	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.666	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1015	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1017	0.13	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.34	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.37	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1017	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	CO1029	0.19	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
533	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.500	CO1021	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1020	0.13	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.34	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1017	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
534	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1002	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO259	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1009	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1026	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC17	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC9	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.41	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.500	CO1021	0.03	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC1	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.15	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1026	0.35	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
535	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	LC7	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1009	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC7	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO898	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.000	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	CO898	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						Buckling about both axes
	0.000	CO523	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.000	LC8	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1030	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1011	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1023	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1029	0.11	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.37	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1030	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1030	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1008	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1029	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1030	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1030	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1026	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1030	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
536	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.500	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC15	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO205	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO523	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	LC9	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	LC9	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.400	CO898	0.26	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.000	CO1025	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1019	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1001	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC1	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1024	0.12	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.000	CO1016	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.30	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1028	0.07	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1024	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.334	CO1028	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
537	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC18	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC8	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	LC15	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	LC15	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO999	0.05	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.666	CO1012	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1018	0.24	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1029	0.28	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5.000	CO1018	0.32	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
538	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC8	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC15	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC15	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1029	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1024	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.500	CO1022	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.666	CO1018	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1030	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.666	CO1018	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
539	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.485	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO1031	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1017	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.10	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.2 - Buckling about both axes
	5.000	CO1017	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.09	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
540	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC17	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO205	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1031	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.666	CO1027	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.666	CO1027	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
541	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC17	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO205	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.28	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.666	CO1031	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.34	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.06	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
542	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC8	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.500	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1017	0.29	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1031	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
543	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO1030	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1017	0.09	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.29	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1024	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO1021	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1017	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
544	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC7	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	LC18	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.334	CO1030	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1019	0.25	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.31	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1030	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.30	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
545	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1025	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC8	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1025	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1024	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1011	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1001	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1011	0.20	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.30	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1024	0.12	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1016	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.29	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1024	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
546	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.485	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	LC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.22	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1032	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.485	LC18	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC9	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.000	LC15	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.000	LC9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC15	0.29	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC15	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.728	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.485	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	CO1005	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1021	0.23	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1025	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.272	CO1025	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1024	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1027	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1011	0.16	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.36	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1024	0.18	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.3 - Bending about y-axis
	3.000	CO1027	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.29	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.49	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.17	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
547	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.515	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.728	LC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1019	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO259	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC17	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC9	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.000	LC15	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	LC9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC15	0.16	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.728	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.728	CO1018	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1004	0.05	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.515	CO1032	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO1025	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1021	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	CO1027	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.000	CO1019	0.16	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1029	0.23	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.728	CO1018	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1019	0.30	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.15	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
548	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.485	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.728	LC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC17	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	LC18	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	LC14	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	LC15	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.500	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1018	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1029	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1004	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1032	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1025	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1018	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1030	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO1018	0.24	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.13	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
549	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.272	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1020	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	LC17	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO205	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.272	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC15	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.272	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO1031	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1017	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1009	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.21	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO1009	0.22	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
550	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.272	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	LC7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO205	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.728	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC15	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO1031	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1027	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.2 - Buckling about both axes
	4.500	CO1027	0.19	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.28	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
551	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.272	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	LC7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO205	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.272	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC15	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.272	LC8	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1027	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1011	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO1031	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1008	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1018	0.06	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.21	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1011	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1018	0.11	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.26	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.06	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
552	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.500	LC17	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.500	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1003	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1018	0.13	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.22	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO1013	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
553	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.515	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO898	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC18	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.500	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1004	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1018	0.06	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1029	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1032	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1025	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
554	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.728	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	CO259	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.485	LC16	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC15	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.500	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.272	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1030	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1027	0.06	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.24	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.485	CO1032	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1012	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.28	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1021	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
555	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.515	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.728	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1032	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.728	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC15	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.272	CO1031	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1024	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1005	0.04	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1018	0.14	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1029	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1025	0.08	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.728	CO1025	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.31	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1024	0.18	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
556	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.585	CO205	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC17	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1020	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.38	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO205	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	LC15	0.34	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.000	LC15	0.35	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC15	0.33	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.400	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.2
	0.000	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.08	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1031	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC1	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.20	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.400	CO1025	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1024	0.32	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1020	0.26	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.500	CO1020	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1024	0.30	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5.000	CO1020	0.32	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.22	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
557	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.485	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.400	LC18	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	LC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.22	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1029	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.500	LC17	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.728	LC6	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO205	0.43	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	LC9	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.000	LC15	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.000	LC9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	LC15	0.29	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC15	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.728	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.07	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1002	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1021	0.23	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.272	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1024	0.31	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.000	CO1027	0.05	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.000	CO1011	0.16	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.36	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1031	0.29	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.000	CO1027	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.29	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.49	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.17	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
558	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1031	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC15	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO259	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO523	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	LC9	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	LC9	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.400	CO898	0.26	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	3.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.000	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	3.000	CO1019	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC1	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.400	CO1025	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.30	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.334	CO1028	0.07	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1031	0.19	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.334	CO1028	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1017	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
559	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.000	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.400	LC8	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO205	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	LC18	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1019	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.400	LC8	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	LC6	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO268	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO205	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	LC17	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC6	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO268	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO205	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.400	CO898	0.26	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1017	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.410	CO1032	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO1019	0.20	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1021	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1020	0.43	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1024	0.06	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1030	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1024	0.11	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1024	0.06	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
560	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.000	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO268	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO523	0.43	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.16	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.349	CO1029	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1030	0.06	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1021	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1004	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1027	0.44	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1030	0.48	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	CO1029	0.18	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1029	0.48	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.18	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
561	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.349	CO1010	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	LC8	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.500	LC7	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1028	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC8	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC14	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.400	CO898	0.39	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
562	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.500	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	CO523	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.826	LC8	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO205	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.000	CO523	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.32	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
563	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1017	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	LC7	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC18	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.33	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.500	LC18	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC7	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	LC15	0.17	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.000	LC9	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC15	0.19	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	LC18	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.728	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.500	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.18	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.500	CO1025	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1016	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.09	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	3.500	CO1017	0.17	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1021	0.18	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5.000	CO1017	0.23	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.18	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
564	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.728	LC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1019	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO259	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC7	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC9	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.000	LC15	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	LC9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO883	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.728	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.2
	2.728	CO1018	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1005	0.05	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO1015	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.485	CO1025	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1016	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	CO1027	0.04	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.000	CO1019	0.16	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1029	0.23	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1016	0.17	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.728	CO1018	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1019	0.30	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.15	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
565	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1021	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC18	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC8	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	LC15	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	LC15	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO999	0.05	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	CO1015	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.666	CO1012	0.07	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1018	0.24	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1029	0.28	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5.000	CO1018	0.32	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.000	CO1017	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
566	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1002	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO259	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC9	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO259	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO268	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.000	LC8	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC9	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.000	LC8	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.000	LC8	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1028	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC1	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1030	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.32	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1028	0.01	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.000	CO1019	0.17	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.37	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	LC1	0.08	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1028	0.45	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO1019	0.60	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.82	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.46	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
567	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.590	CO1022	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.349	CO523	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO883	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO523	0.26	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.000	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1030	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.590	CO1030	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.39	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1020	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
568	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.651	CO1030	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC7	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO268	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	LC15	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	LC7	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
569	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC9	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO205	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.826	LC7	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
570	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO205	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.728	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC17	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.28	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	LC7	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.21	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.728	LC8	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.22	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	LC17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO1030	0.12	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1015	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.13	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	2.000	CO1019	0.14	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1030	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1020	0.22	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.16	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
571	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.485	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.728	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.728	LC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	LC14	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.728	LC15	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.500	CO1018	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1029	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1004	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1002	0.07	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO1031	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1018	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1015	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.14	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO1018	0.24	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.13	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
572	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.334	LC7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC8	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	LC15	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.485	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1029	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	CO1031	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1023	0.05	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.666	CO1018	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1030	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.666	CO1018	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.38	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
573	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO259	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.590	LC14	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO259	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO1021	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.590	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.590	LC14	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.590	CO1029	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1029	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1023	0.05	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.33	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	0.500	CO1017	0.25	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.39	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1030	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1026	0.36	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO1026	0.59	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.73	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.37	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
574	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.000	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	LC18	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	CO523	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.35	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.000	CO1016	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.410	CO1023	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1025	0.08	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.13	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
575	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.174	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO523	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	LC7	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1019	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	4.000	LC15	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
576	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1010	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC16	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO898	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
577	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.728	CO1010	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC18	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.28	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO205	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC7	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.18	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.272	LC8	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	LC18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.12	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO1031	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1024	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1018	0.11	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1021	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1020	0.19	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.13	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
578	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.272	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1020	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC18	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.272	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC15	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.272	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	CO1032	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1017	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1009	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.21	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.11	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO1009	0.22	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.31	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
579	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.485	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	LC18	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	LC17	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1032	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1017	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.10	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.37	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.09	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
580	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.666	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO259	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC18	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1029	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1015	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.32	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1017	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1026	0.28	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1029	0.41	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.64	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.29	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
581	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.000	CO1015	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.349	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.590	CO1030	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	CO1022	0.02	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.37	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
582	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO523	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC18	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC7	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	LC15	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
583	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	CO1021	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC14	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
584	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	CO205	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	LC18	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.28	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.000	LC17	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	LC7	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.18	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.415	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	LC18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.12	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1024	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1018	0.09	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1021	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1020	0.16	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.10	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
585	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	LC7	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.728	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC15	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC8	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1032	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1027	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.22	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.500	CO1027	0.19	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.28	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
586	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.485	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.666	CO1032	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.666	CO1027	0.08	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.09	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.09	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.666	CO1027	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
587	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO259	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1017	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	LC7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1020	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1030	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1015	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.33	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.39	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1026	0.21	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1029	0.34	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.57	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.21	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
588	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.410	CO1022	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC14	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.651	LC18	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.8
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.35	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.651	CO1022	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.38	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
589	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.174	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC18	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC16	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC16	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO523	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
590	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1010	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO898	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
591	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO205	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC18	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.28	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	LC17	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC7	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC15	0.18	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.272	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	LC18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.12	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.000	CO1024	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.11	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	4.500	CO1018	0.06	≤ 1	803)	Fire resistance - Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1020	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.08	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
592	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.272	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	LC7	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.728	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.272	LC8	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.728	LC15	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.272	LC8	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1027	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1011	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1032	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.20	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1008	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1018	0.06	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.21	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1011	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1018	0.11	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1020	0.26	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.06	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
593	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC18	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.500	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	CO1017	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.28	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.334	CO1032	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.24	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.000	CO1017	0.29	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1017	0.08	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.34	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1017	0.06	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
594	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO259	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.500	LC7	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.000	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.01	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1015	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.33	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	CO1026	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1017	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1021	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	CO1026	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1029	0.26	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1026	0.49	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.14	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
595	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.590	CO1022	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	LC18	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO1028	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.349	CO1022	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.11	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.34	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
596	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.826	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	LC18	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO523	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
597	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC14	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
598	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.728	CO1028	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	LC18	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.18	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.28	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO205	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	LC7	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	LC18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1020	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.12	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1031	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1024	0.10	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
599	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO523	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.500	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1018	0.13	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.22	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.000	CO1032	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
600	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	LC18	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	LC17	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC8	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC8	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1017	0.29	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.05	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1032	0.04	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.25	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
601	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.666	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	LC14	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1020	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO259	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	LC14	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC15	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.500	LC8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	LC14	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1029	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	3.500	CO1017	0.13	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1015	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.34	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO1020	0.13	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1020	0.37	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1017	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	CO1029	0.19	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1029	0.43	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
602	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.000	CO1015	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC15	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.500	LC7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO883	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.651	CO1016	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.31	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO1022	0.02	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.36	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
603	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC18	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO523	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
604	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.500	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC14	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	5.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
605	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.000	CO1008	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO205	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	LC17	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.18	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO523	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	LC7	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	LC17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	CO1027	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.000	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1020	0.12	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1021	0.13	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1015	0.13	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
606	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.515	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.272	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO898	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO205	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1004	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1018	0.06	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1029	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	CO1031	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO1032	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.18	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
607	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1005	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.666	LC7	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO259	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.500	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1017	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1017	0.09	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.29	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	CO1031	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO1021	0.16	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1030	0.22	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1017	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
608	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO259	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.000	CO259	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.500	CO1021	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.000	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1020	0.13	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1024	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.14	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.34	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1017	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
609	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.000	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.000	LC8	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC9	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.651	LC18	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.349	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.000	CO523	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.590	CO1021	0.00	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.31	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.35	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO1016	0.01	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.590	CO1021	0.12	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.35	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
610	**Cross-section No. 11 - T-Rectangle 220/220**					
	2.826	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.500	LC7	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO523	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
611	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	CO1029	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	LC7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC15	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
612	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO523	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	LC18	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO523	0.36	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	LC18	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	LC7	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO883	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	LC18	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.272	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.500	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1021	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1029	0.11	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1021	0.18	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1025	0.02	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1016	0.19	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.000	CO1021	0.18	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
613	**Cross-section No. 11 - T-Rectangle 220/220**					
	5.000	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	CO205	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.728	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	CO259	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.485	LC16	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO883	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	LC15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.272	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1032	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1027	0.06	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.24	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	CO1015	0.07	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.515	CO1025	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.28	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1016	0.17	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
614	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO268	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	LC14	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1030	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO883	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1015	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1020	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1019	0.25	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.31	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.666	CO1015	0.04	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1030	0.08	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1021	0.30	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1016	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
615	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1002	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO259	0.10	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1009	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1026	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO259	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.000	CO268	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.41	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1029	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC1	0.08	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO1015	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO1021	0.15	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO1026	0.35	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1029	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
616	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.410	CO1022	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	LC15	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO883	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC8	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	LC15	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1030	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO1023	0.03	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.37	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1021	0.39	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1020	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
617	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.349	CO1002	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC7	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
618	**Cross-section No. 11 - T-Rectangle 220/220**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.000	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	CO205	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
619	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1019	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	LC17	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO523	0.50	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO205	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.500	CO883	0.20	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.000	CO883	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	4.500	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.585	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1024	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1031	0.00	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1026	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1030	0.26	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.585	CO1025	0.01	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO1024	0.32	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1024	0.30	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
620	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.515	CO1004	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.728	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	LC1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.728	CO523	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	LC16	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.44	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.500	CO883	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.272	CO1032	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1024	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO1002	0.03	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1018	0.14	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1029	0.21	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.728	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1030	0.31	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.29	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
621	**Cross-section No. 11 - T-Rectangle 220/220**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.500	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1031	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	LC8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC8	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.666	CO259	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1025	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1031	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1011	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1002	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1011	0.20	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.30	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.000	CO1025	0.03	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1030	0.29	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1031	0.19	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
622	**Cross-section No. 11 - T-Rectangle 220/220**					
	3.000	CO1007	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO205	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	LC15	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1009	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC15	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO898	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3.000	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.000	LC17	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO898	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.000	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.000	LC8	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1030	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO1030	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1011	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.590	CO1032	0.02	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1029	0.11	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1020	0.37	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1030	0.03	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	1.500	CO1030	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	5.000	CO1008	0.38	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1029	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.3.3 - Bending about y-axis
	2.500	CO1030	0.07	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO1030	0.14	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1026	0.44	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1030	0.07	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
623	**Cross-section No. 11 - T-Rectangle 220/220**					
	4.000	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.349	CO523	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO898	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1020	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.04	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO1021	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1004	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1020	0.34	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1017	0.38	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1020	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
624	**Cross-section No. 11 - T-Rectangle 220/220**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC15	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	LC15	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.20	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
625	**Cross-section No. 11 - T-Rectangle 220/220**					
	1.500	CO1008	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO523	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.000	CO523	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC15	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.500	CO898	0.16	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.500	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
626	**Cross-section No. 5 - T-Rectangle 180/200**					
	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.35	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1005	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	CO523	0.30	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.69	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.500	CO268	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.000	CO259	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	LC14	0.16	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC14	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	LC15	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.500	CO898	0.60	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
627	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.500	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.250	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.10	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	LC14	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1016	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.500	CO523	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO883	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.250	LC7	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC18	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.250	LC7	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.250	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
628	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	CO993	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	CO523	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO523	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO205	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO268	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.750	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
629	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.23	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO993	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1030	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						tension acc. to 6.2.3
	0.000	LC18	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.000	CO898	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	LC16	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO7	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.000	LC16	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC16	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.53	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.23	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
630	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	CO898	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO898	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO1023	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
631	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.24	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1021	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	LC18	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.54	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.28	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
632	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.250	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1010	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.500	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO268	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.750	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
633	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.22	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1030	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1021	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	LC14	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	LC16	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.45	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO7	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	LC14	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC16	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.47	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.26	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
634	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	CO898	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	CO523	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO898	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO1023	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO898	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
635	**Cross-section No. 5 - T-Rectangle 180/200**					
	5.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO898	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.24	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1021	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC16	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.56	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.33	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
636	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.500	CO523	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO268	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
637	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1030	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.000	CO523	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	LC16	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO7	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.000	CO523	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC16	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO523	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.19	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
638	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.500	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	CO1023	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
639	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO898	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.19	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1030	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.500	LC8	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	LC18	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.46	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.22	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
640	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.250	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	LC14	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.500	CO523	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO268	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
641	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	LC16	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.36	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	LC18	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC14	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.21	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
642	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.750	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.500	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	CO1023	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.750	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
643	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	4.000	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.19	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO993	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	LC8	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	LC18	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.48	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.22	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
644	**Cross-section No. 1 - T-Rectangle 360/360**					
	0.000	CO993	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	CO523	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	LC15	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.500	LC16	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO268	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	CO523	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO268	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO268	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.500	CO523	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC8	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
645	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO268	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1005	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC14	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.500	LC16	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO259	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	CO883	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.500	CO898	0.29	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
646	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.500	LC1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.250	LC7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.500	CO523	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.750	CO523	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.250	LC15	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO883	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.250	LC7	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO259	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC18	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.250	LC7	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.250	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
647	**Cross-section No. 5 - T-Rectangle 180/200**					
	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	LC17	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.35	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO1005	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.000	CO523	0.30	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO523	0.69	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.000	LC17	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO205	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	LC14	0.16	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC14	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	LC15	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.500	CO898	0.60	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
648	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.920	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.825	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.380	CO523	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.840	CO259	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.300	CO259	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.380	LC16	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.388	LC18	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.300	LC15	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.300	CO1030	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6.388	CO1008	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.300	CO1029	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	4.380	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7.300	CO7	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	6.388	CO1008	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.300	CO1011	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.738	CO898	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	LC15	0.10	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
649	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.190	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.380	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.300	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.380	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.913	CO523	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.460	CO268	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.380	CO523	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.460	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.380	CO523	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.460	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.738	CO898	0.22	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.190	CO898	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
650	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.23	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO993	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1030	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1030	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO7	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC6	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.000	CO898	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	LC16	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO7	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.000	LC16	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC16	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.53	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.23	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
651	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.380	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.920	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.300	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.110	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO268	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.110	CO523	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.825	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.825	CO523	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.920	CO898	0.31	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
652	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO898	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.24	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC17	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO883	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC16	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.54	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.28	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
653	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.738	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.570	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.110	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.913	CO523	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.460	CO268	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.110	CO523	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.460	CO523	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.460	CO523	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.920	CO898	0.21	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
654	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.22	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC17	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO883	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO259	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	LC14	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	LC16	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.45	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	5.000	CO7	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	LC14	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC16	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.47	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.26	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
655	**Cross-section No. 1 - T-Rectangle 360/360**					
	5.475	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.300	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.110	LC16	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO268	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.110	CO523	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.460	CO523	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.460	CO523	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.650	CO898	0.31	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
656	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO898	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.24	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC17	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO268	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC16	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.56	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.33	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
657	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.738	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.110	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.300	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.110	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.913	CO523	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.460	CO268	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.110	CO523	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.190	CO523	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	2.190	CO523	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.920	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
658	**Cross-section No. 5 - T-Rectangle 180/200**					
	5.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	LC15	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC17	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO268	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.000	CO523	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.500	LC16	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO523	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO7	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.000	CO523	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.500	LC16	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO523	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO523	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.19	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
659	**Cross-section No. 1 - T-Rectangle 360/360**					
	5.475	CO1031	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.300	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.110	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	LC8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO268	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.110	CO523	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.825	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.825	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.920	CO898	0.25	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
660	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO898	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.19	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC17	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO883	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.500	LC8	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.500	LC16	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.46	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.22	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
661	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.738	CO1024	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6.388	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.110	LC16	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.913	CO523	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.460	CO268	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.110	CO523	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.190	CO523	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.190	CO523	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.920	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
662	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO259	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.500	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.500	LC16	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.36	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO259	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO259	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.500	LC8	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC14	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.500	LC15	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.000	CO898	0.21	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
663	**Cross-section No. 1 - T-Rectangle 360/360**					
	4.380	CO1023	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.730	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7.300	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.110	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6.388	LC14	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO268	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.110	CO523	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.190	CO523	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.110	CO523	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about both axes
	2.190	CO523	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.920	CO898	0.25	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.738	CO898	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
664	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.000	CO898	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO523	0.19	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO993	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1032	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.500	LC8	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.500	LC16	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.48	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.500	CO898	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.000	CO898	0.22	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
665	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.190	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7.300	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7.300	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	4.563	CO523	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.190	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.380	LC16	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.840	LC15	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.913	LC16	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.460	CO268	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.380	CO523	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.913	CO523	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7.300	CO7	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.380	CO523	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.913	CO523	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.738	CO898	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.190	LC15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
666	**Cross-section No. 5 - T-Rectangle 180/200**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	LC16	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1005	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1028	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC14	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO7	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3.500	LC16	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	LC14	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	2.500	CO898	0.29	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
667	**Cross-section No. 1 - T-Rectangle 360/360**					
	2.920	CO1003	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.825	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.190	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	7.300	CO523	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.300	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.825	CO883	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.840	CO259	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7.300	CO259	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.825	CO268	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6.388	LC18	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7.300	LC18	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.190	CO523	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.840	CO898	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7.300	CO523	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3.650	CO7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.190	CO523	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.840	CO898	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7.300	CO523	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.920	CO898	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.563	CO898	0.17	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
668	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO259	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.20	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.654	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	CO7	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	CO1030	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC6	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO259	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.079	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.29	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.47	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC15	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO205	0.16	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	7.079	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.30	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.48	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.309	CO523	0.24	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.93	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
669	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.309	CO996	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	CO1021	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.23	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC18	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO268	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO268	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.33	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC18	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO268	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.539	CO268	0.06	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.69	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
670	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.079	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	LC6	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.424	CO268	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.22	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8.848	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO268	0.17	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.23	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.15	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.70	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
671	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.194	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	CO1021	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.23	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC18	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO268	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO268	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.33	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC18	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO268	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.539	CO268	0.05	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.69	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
672	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.079	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.539	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	LC6	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.654	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.24	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8.848	CO523	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC6	0.11	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.24	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.16	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.74	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
673	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO268	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.309	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	LC6	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.424	CO1021	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC18	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO268	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO268	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.26	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC18	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO268	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.539	CO268	0.04	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.55	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
674	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.079	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.654	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	CO1016	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.2.4
	8.848	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO1016	0.02	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.11	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.56	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
675	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	LC6	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.424	CO268	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.770	CO268	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.26	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.770	CO268	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.770	CO268	0.02	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.55	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
676	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.963	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.539	CO996	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.654	CO1031	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8.848	CO523	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2.654	CO1031	0.01	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.12	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.56	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
677	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	CO7	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.654	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.770	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.26	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	1.770	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.54	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
678	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO268	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	LC15	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.20	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.654	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	CO7	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	CO1030	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC6	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO268	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7.079	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.29	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.47	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	LC15	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO205	0.08	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	7.079	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.30	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.48	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.309	CO523	0.24	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.93	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
679	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.309	CO996	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	LC17	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.424	CO259	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.23	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.33	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.69	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						span, y-direction
680	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO205	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8.848	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.079	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.654	CO1012	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC18	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO205	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.22	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8.848	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO259	0.08	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.23	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.15	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.70	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
681	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6.194	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.539	CO259	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.23	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.33	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.69	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
682	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8.848	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.079	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.539	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	CO883	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC18	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO205	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.24	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8.848	CO523	0.03	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO259	0.08	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.24	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.16	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.74	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
683	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5.309	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	CO883	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO7	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.26	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.55	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
684	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8.848	CO523	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.079	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.654	LC1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.309	CO259	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC18	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO205	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8.848	CO523	0.04	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO259	0.08	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.11	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.56	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
685	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	LC1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	4.424	CO1021	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.26	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.55	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
686	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC13	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC18	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8.848	CO523	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8.848	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8.848	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7.963	CO523	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.539	CO996	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.424	LC17	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	4.424	CO259	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC18	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.885	CO205	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.424	CO7	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	4.424	LC16	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	4.424	CO523	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8.848	CO523	0.05	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO259	0.08	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	4.424	CO7	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	LC16	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.12	≤ 1	346)	Flexural member with compression force acc. to 6.3.3 - Bending about z-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.56	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
687	**Cross-section No. 6 - T-Rectangle 340/300**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8.848	CO523	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO7	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO7	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.770	CO523	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	4.424	CO7	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.654	CO1030	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	4.424	LC16	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	4.424	CO523	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.770	CO7	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	4.424	CO523	0.26	≤ 1	316)	Flexural member without compression force acc. to 6.3.3 - Bending about z-axis
	1.770	CO7	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.424	CO883	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.424	CO898	0.54	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
688	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	CO205	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC15	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO259	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	LC14	0.15	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO883	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.500	LC15	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1025	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC1	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1029	0.08	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1029	0.33	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1017	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
689	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.839	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.322	CO259	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.226	LC14	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.806	CO205	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.806	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.742	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.903	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.161	CO205	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.064	LC17	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.806	CO523	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.903	CO1028	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.226	LC14	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO205	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.903	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.226	LC14	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.322	CO883	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.064	CO898	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.226	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.645	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.645	CO1020	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.806	CO1025	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.903	CO1029	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.322	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1005	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.226	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1002	0.09	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.935	CO1024	0.13	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.645	CO1025	0.03	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.806	CO1030	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.645	CO1027	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1026	0.23	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and c

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						compression acc. to 6.2.3
	5.806	CO1030	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.645	CO1011	0.32	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.49	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.27	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
690	**Cross-section No. 10 - T-Rectangle 260/280**					
	0.500	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	LC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO205	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO523	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC14	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.000	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC15	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO205	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	LC9	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1024	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO1030	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1012	0.11	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.41	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1024	0.15	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
691	**Cross-section No. 10 - T-Rectangle 260/280**					
	1.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO205	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO259	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO259	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	LC8	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO205	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.000	LC15	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1011	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1032	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1015	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						acc. to 6.1.8
	3.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1002	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1030	0.13	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1015	0.36	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO1011	0.14	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1029	0.30	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1024	0.20	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO1011	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.500	CO1020	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
692	**Cross-section No. 10 - T-Rectangle 260/280**					
	0.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	LC15	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO205	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO523	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1025	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1031	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO205	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	LC15	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	LC15	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO205	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5.000	LC15	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.500	LC17	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	3.000	CO1029	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1032	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.000	CO1030	0.09	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1031	0.30	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3.500	CO1020	0.12	≤ 1	671)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.3
	5.000	CO1024	0.21	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.500	CO1020	0.13	≤ 1	823)	Fire resistance - Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3.500	CO1020	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
693	**Cross-section No. 10 - T-Rectangle 260/280**					
	1.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.000	LC8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO205	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	LC15	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO898	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO205	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	LC8	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC15	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO205	0.29	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	LC8	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.000	CO883	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	LC15	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	1.000	CO1011	0.00	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO1024	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO1029	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	CO1003	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1030	0.13	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1015	0.43	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO1011	0.14	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1029	0.30	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.000	CO1024	0.33	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO1011	0.16	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.33	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3.500	CO1020	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
694	**Cross-section No. 10 - T-Rectangle 260/280**					
	0.500	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.000	LC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO205	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO268	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO523	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO523	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	LC14	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC6	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO268	0.49	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.000	LC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	5.000	LC15	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5.000	CO205	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.000	LC9	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	LC15	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.000	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.000	CO883	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1022	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1024	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO1030	0.07	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1012	0.11	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1029	0.41	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1025	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1015	0.55	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1024	0.32	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
695	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	3.500	CO883	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO205	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO268	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.500	LC14	0.15	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.500	CO883	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO523	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.500	CO883	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.500	LC15	0.07	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1025	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1029	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC1	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1029	0.08	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1029	0.33	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1015	0.33	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	0.000	CO1017	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5.000	CO1015	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1015	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
696	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.839	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.871	CO268	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.226	LC14	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.806	CO205	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.806	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.226	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.903	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1030	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.871	CO268	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	4.645	CO883	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO268	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.903	CO1028	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5.226	LC14	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	LC8	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO205	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.903	CO1029	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5.226	LC14	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	LC15	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.322	CO883	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.935	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.226	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.839	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	4.645	CO1020	0.02	≤ 1	602)	Fire resistance - Cross-section resistance - Compression along the g

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						grain acc. to 6.1.4
	5.806	CO1030	0.03	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.903	CO1029	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.871	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO999	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.226	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1002	0.09	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.871	CO1024	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1015	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.806	CO1030	0.21	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	4.645	CO1027	0.09	≤ 1	672)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.3
	0.000	CO1026	0.23	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	5.806	CO1030	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	4.645	CO1011	0.32	≤ 1	828)	Fire resistance - Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1029	0.49	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1020	0.27	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
697	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.500	CO883	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5.000	CO205	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.500	CO268	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC9	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.500	CO883	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO268	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO523	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3.500	CO883	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO268	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1025	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1017	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC1	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1021	0.34	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1015	0.33	≤ 1	673)	Fire resistance - Cross-section resistance - Biaxial bending and compression acc. to 6.2.3
	1.500	CO1030	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5.000	CO1015	0.36	≤ 1	833)	Fire resistance - Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5.000	CO1015	0.04	≤ 1	841)	Fire resistance - Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
698	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.839	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	3.871	CO268	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.806	CO523	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.226	CO259	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.903	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.226	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
						6.1.6
	0.000	CO7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.903	CO523	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.322	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.935	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.226	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.839	CO1015	0.04	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.806	CO1030	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.806	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.871	CO1015	0.02	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO999	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.226	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1002	0.09	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	3.871	CO1024	0.09	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1015	0.13	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.806	CO1021	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.806	CO1030	0.10	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
699	**Cross-section No. 10 - T-Rectangle 260/280**					
	0.500	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO205	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO205	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO268	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC15	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC8	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC6	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.500	LC16	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO268	0.49	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO205	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.000	CO883	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	2.500	CO1022	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1024	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	4.000	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1017	0.29	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	CO1025	0.06	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1015	0.55	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1024	0.32	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
700	**Cross-section No. 10 - T-Rectangle 260/280**					
	1.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO898	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO205	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	LC15	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	LC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC8	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	LC8	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO205	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO205	0.29	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	4.000	CO883	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1024	0.06	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1011	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1020	0.17	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1015	0.43	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1024	0.33	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
701	**Cross-section No. 10 - T-Rectangle 260/280**					
	2.000	LC15	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO523	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO205	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO205	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1025	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1031	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO523	0.14	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO205	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO205	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.500	LC17	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.500	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	0.000	CO1021	0.01	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO1032	0.05	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1031	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	LC1	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	CO1030	0.16	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5.000	CO1031	0.30	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1024	0.21	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
702	**Cross-section No. 10 - T-Rectangle 260/280**					
	1.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	CO898	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO205	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.500	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	LC15	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	LC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC8	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	LC8	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO205	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	3.500	LC18	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO883	0.06	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1030	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	5.000	CO1021	0.02	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO1015	0.00	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	CO1002	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1011	0.12	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1020	0.17	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1021	0.37	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1024	0.20	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
703	**Cross-section No. 10 - T-Rectangle 260/280**					
	0.500	LC2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.500	LC16	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.000	CO523	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO523	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO259	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC15	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO259	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.500	LC16	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.000	CO523	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO523	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO898	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO898	0.08	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1030	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1021	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.000	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.500	LC1	0.06	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3.500	CO1013	0.07	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1017	0.29	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1021	0.44	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.000	CO1030	0.17	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
704	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.000	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5.000	CO205	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.000	CO523	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	4.500	CO7	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.000	CO259	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	LC9	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO523	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO205	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.000	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3.500	CO898	0.09	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.000	LC2	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	5.000	CO1025	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.000	CO1017	0.03	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3.000	CO1017	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3.000	LC1	0.05	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.000	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5.000	CO1021	0.34	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	5.000	CO1031	0.12	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
705	**Cross-section No. 10 - T-Rectangle 260/280**					
	4.839	LC4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.903	CO523	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.806	CO205	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	0.000	CO523	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5.806	CO523	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.903	CO7	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.226	CO1018	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.161	CO205	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	LC8	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO523	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO523	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	LC1	0.00	≤ 1	400)	Serviceability - Negligible deformations
	2.322	CO898	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	4.645	LC8	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5.226	LC3	0.00	≤ 1	600)	Fire resistance - Negligible internal forces
	4.645	CO1025	0.02	≤ 1	601)	Fire resistance - Cross-section resistance - Tension along the grain acc. to 6.1.2
	5.806	CO1025	0.04	≤ 1	611)	Fire resistance - Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5.806	CO1017	0.01	≤ 1	612)	Fire resistance - Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.322	CO1015	0.01	≤ 1	621)	Fire resistance - Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1005	0.08	≤ 1	651)	Fire resistance - Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5.226	LC2	0.01	≤ 1	652)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1002	0.09	≤ 1	653)	Fire resistance - Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.935	CO1024	0.13	≤ 1	661)	Fire resistance - Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.968	CO1026	0.10	≤ 1	662)	Fire resistance - Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	5.806	CO1021	0.23	≤ 1	663)	Fire resistance - Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5.806	CO1025	0.11	≤ 1	811)	Fire resistance - Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

STRUCTURAL ANALYSIS

PROJECT

Estructura singular con madera de derribo revalorizada para un espacio polivalente en la Avenida de la Justicia en el barrio de Los Dolores (Murcia)

CLIENT

CREATED BY

Roberto Mansilla Ruiz

1.1 GLOBAL DATA

	Activities	☒ Modal analysis (eigenvectors) ☒ Mass combinations ☒ Forced vibrations ☒ Response spectra ☐ Accelerograms ☐ Time diagrams ☐ Equivalent static force analysis	
	Setting	Gravity acceleration	: 10.00 m/s²

1.2.1 MASS CASES - GENERAL

No.	Mass Case Description	Parameters	
MC1	peso propio framing + cerramientos	Mass Case Type Masses	: Permanent ☒ : From self-weight of structure : Manually define additional masses at ☒ Nodes
MC2	cargas muertas cubierta	Mass Case Type Masses	: Permanent ☒ : From force components of Load Case LC2-Peso cubierta
MC3	scu	Mass Case Type Masses	: Imposed - category C (roofs p=1.0) ☒ : From force components of Load Case LC4-SCU1

MC1
peso propio framing + cerramientos

1.2.2 MASS CASES - ADDITIONAL NODAL MASSES

No.	List of Nodes with Masses	Mass m [kg]	Mass Moments I_X [kg.m²]	I_Y [kg.m²]	I_Z [kg.m²]	Comment
1	21,38,49,62,73,86,97,110, 121,134,145,158,169,182,193, 206,217,230	2102.400	0.000	0.000	0.000	
2	1,14,241,254	9889.920	0.000	0.000	0.000	

1.3.1 MASS COMBINATIONS - GENERAL

No.	Mass Combination Description	Parameters		
MCO1	1.00*MC1 + 1.00*MC2	Mass Cases	: 1.00 1.00	MC1 - peso propio framing + cerramientos MC2 - cargas muertas cubierta
		Comment	:	

1.4.1 NATURAL VIBRATION CASE - GENERAL

NVC Case	Natural Vibration Case Description	Parameters	
NVC1	MCO1	Number of Smallest Eigenvalues Acting Masses Masses considered in	: 45 : MCO1 : ☒ X-direction ☒ Y-direction

1.4.2 NATURAL VIBRATION CASE - CALCULATION PARAMETERS

NVC Case	Natural Vibration Case Description	Calculation Parameters		
NVC1	MC1 - peso propio framing + cerramientos	Type of Mass Matrix Scaling Vibration Mode Shapes Method for Solving Eigenvalues	: Diagonal matrix : Max $\{u_j\}^T [M] \{u_j\} = 1$: Subspace iteration	

1.5.1 RESPONSE SPECTRA - GENERAL

RS Case	Response Spectra Description	Definition Type	Comment
RS1		According to Standard: NCSE-02 - Spain National Annex: NCSE-02	

1.5.2 RESPONSE SPECTRA - STANDARD PARAMETERS

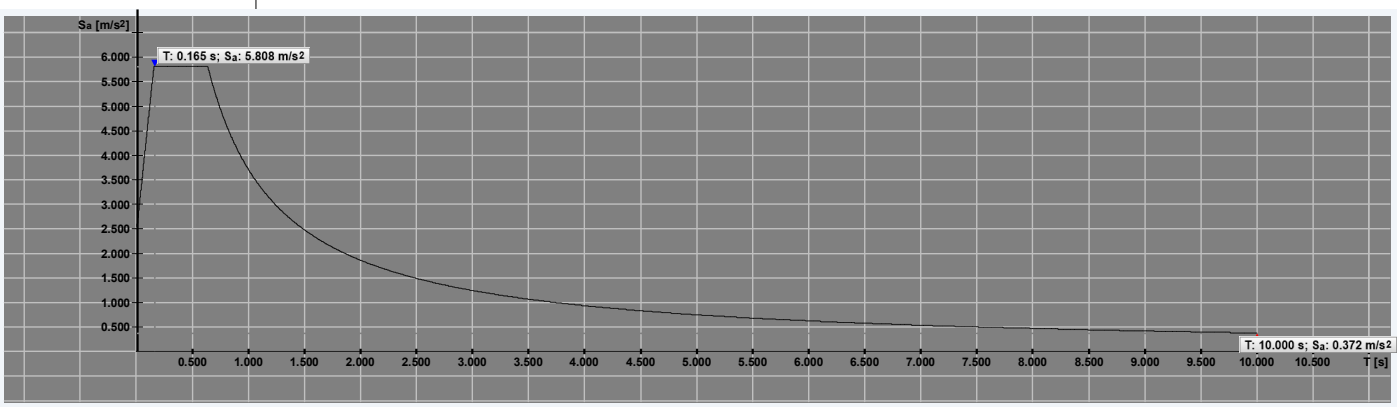
No.	Response Spectrum Description	Mass Case Parameters			
RS1		Type of Spectrum Type of Spectrum Spectrum direction		: Elastic response spectrum : Horizontal spectrum	
		Ground acceleration Definition of "Basic seismic acceleration" Basic seismic acceleration Nondimensional risk factor, referencing the probability of exceedance of a_c in the projected life period of the construction	a_b/g a_b ρ	: 0.1500 : 1.5000 : 1.3	

1.5.2 RESPONSE SPECTRA - STANDARD PARAMETERS

No.	Response Spectrum Description	Mass Case Parameters			
		Seismic design acceleration	a_c	:	2.3233
		Ground parameters			
		Ground type		:	III
		Soil factor	C	:	1.6000
		Soil amplification factor	S	:	1.1914
		Parameter for the description of response spectra			
		Contribution factor	K	:	1.0000
		Spectrum characteristic period	T_A	:	0.1600
		Spectrum characteristic period	T_B	:	0.6400
		Coefficients			

1.5.3.1 RESPONSE SPECTRA - GRAPH

RS1



1.8.1 DYNAMIC LOAD CASES - GENERAL

DLC Case	Dynamic Load Cases Description	Parameters		
DLC1		Method Type	:	Response spectrum analysis (response spectrum required)
		Assign Natural Vibration	:	Natural Vibration Case: NVC1

1.8.2.1 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS

DLC Case	Dynamic Load Cases Description	Parameters
DLC1		Assign Response Spectrum - Supports ☒ On all supports identically Assign response spectrum: Response Spectrum in Direction — Multiplication factor ☒ x: RS1 - 1.000 ☒ y: RS1 - 1.000 ☒ z: RS1 - 1.000 Rotate a_X a_Y about Z: α = 0.00 [°]
		Combination Rules: Modal response combination rule: ☒ SRSS ☐ CQC Combination of directional components: ☒ SRSS ☐ 100 / 30 % ☐ 100 / 40 % Options ☒ Use equivalent linear combination
		Generate: ☒ Create result combination Number of first generated result combination: 1

1.8.2.2 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS - MODE SHAPES TO GENERATE

DLC Case	Dynamic Load Cases Description	Mode No.	To generat	Frequency ω [rad/s]	Frequency f [Hz]	Period T [s]	Acceleration S_a [m/s²]
DLC1		1	☒	9.309	1.482	0.675	5.508
		2	☐	17.692	2.816	0.355	5.808
		3	☒	18.536	2.950	0.339	5.808
		4	☐	18.608	2.962	0.338	5.808
		5	☐	20.817	3.313	0.302	5.808
		6	☐	21.417	3.409	0.293	5.808
		7	☐	22.219	3.536	0.283	5.808
		8	☐	22.989	3.659	0.273	5.808
		9	☐	23.703	3.772	0.265	5.808
		10	☐	24.112	3.838	0.261	5.808
		11	☐	25.957	4.131	0.242	5.808
		12	☒	28.986	4.613	0.217	5.808
		13	☒	31.692	5.044	0.198	5.808
		14	☐	32.127	5.113	0.196	5.808
		15	☐	32.231	5.130	0.195	5.808
		16	☐	32.692	5.203	0.192	5.808
		17	☒	33.042	5.259	0.190	5.808
		18	☐	33.430	5.320	0.188	5.808
		19	☐	34.068	5.422	0.184	5.808
		20	☐	34.073	5.423	0.184	5.808
		21	☐	35.245	5.609	0.178	5.808
		22	☐	35.276	5.614	0.178	5.808
		23	☐	36.347	5.785	0.173	5.808
		24	☐	37.043	5.896	0.170	5.808
		25	☐	37.646	5.992	0.167	5.808
		26	☐	38.086	6.062	0.165	5.808
		27	☐	39.387	6.269	0.160	5.798
		28	☐	40.265	6.408	0.156	5.722
		29	☐	41.582	6.618	0.151	5.614
		30	☐	42.580	6.777	0.148	5.537
		31	☐	44.115	7.021	0.142	5.426
		32	☒	44.631	7.103	0.141	5.390
		33	☐	45.506	7.243	0.138	5.331
		34	☐	45.966	7.316	0.137	5.301
		35	☐	46.218	7.356	0.136	5.284
		36	☐	46.707	7.434	0.135	5.253
		37	☐	46.848	7.456	0.134	5.245
		38	☐	47.369	7.539	0.133	5.212
		39	☐	47.939	7.630	0.131	5.178
		40	☐	48.508	7.720	0.130	5.145
		41	☐	48.626	7.739	0.129	5.138
		42	☐	49.391	7.861	0.127	5.094
		43	☐	53.318	8.486	0.118	4.890
		44	☐	53.496	8.514	0.117	4.882
		45	☐	54.082	8.607	0.116	4.854

NVC1

5.1 NATURAL FREQUENCIES

NVC1

Mode No.	Eigenvalue λ [1/s²]	Angular frequency ω [rad/s]	Natural Frequency f [Hz]	Natural Period T [s]	
1	86.661	9.309	1.482	0.675	
2	312.996	17.692	2.816	0.355	
3	343.597	18.536	2.950	0.339	
4	346.269	18.608	2.962	0.338	
5	433.361	20.817	3.313	0.302	
6	458.684	21.417	3.409	0.293	
7	493.676	22.219	3.536	0.283	
8	528.487	22.989	3.659	0.273	
9	561.833	23.703	3.772	0.265	
10	581.388	24.112	3.838	0.261	
11	673.743	25.957	4.131	0.242	
12	840.207	28.986	4.613	0.217	
13	1004.392	31.692	5.044	0.198	
14	1032.169	32.127	5.113	0.196	
15	1038.810	32.231	5.130	0.195	
16	1068.738	32.692	5.203	0.192	
17	1091.790	33.042	5.259	0.190	
18	1117.535	33.430	5.320	0.188	
19	1160.641	34.068	5.422	0.184	
20	1160.949	34.073	5.423	0.184	
21	1242.216	35.245	5.609	0.178	
22	1244.413	35.276	5.614	0.178	
23	1321.124	36.347	5.785	0.173	
24	1372.149	37.043	5.896	0.170	
25	1417.237	37.646	5.992	0.167	
26	1450.555	38.086	6.062	0.165	
27	1551.330	39.387	6.269	0.160	
28	1621.257	40.265	6.408	0.156	
29	1729.083	41.582	6.618	0.151	
30	1813.083	42.580	6.777	0.148	
31	1946.098	44.115	7.021	0.142	
32	1991.932	44.631	7.103	0.141	
33	2070.807	45.506	7.243	0.138	
34	2112.828	45.966	7.316	0.137	
35	2136.146	46.218	7.356	0.136	
36	2181.529	46.707	7.434	0.135	
37	2194.775	46.848	7.456	0.134	
38	2243.840	47.369	7.539	0.133	
39	2298.150	47.939	7.630	0.131	
40	2353.036	48.508	7.720	0.130	

5.1 NATURAL FREQUENCIES

NVC1

Mode No.	Eigenvalue λ [1/s^2]	Angular frequency ω [rad/s]	Natural Frequency f [Hz]	Natural Period T [s]	
41	2364.445	48.626	7.739	0.129	
42	2439.472	49.391	7.861	0.127	
43	2842.809	53.318	8.486	0.118	
44	2861.773	53.496	8.514	0.117	
45	2924.860	54.082	8.607	0.116	

NVC1

5.7 EFFECTIVE MODAL MASS FACTORS

NVC1

Mode	Modal Mas	Effective Modal Mass						Effective Modal Mass Factor		
No.	M_i [kg]	m_{eX} [kg]	m_{eY} [kg]	m_{eZ} [kg]	$m_{\varphi X}$ [kg.m^2]	$m_{\varphi Y}$ [kg.m^2]	$m_{\varphi Z}$ [kg.m^2]	f_{meX} [-]	f_{meY} [-]	f_{meZ} [-]
1	1.00	0.00	66208.94	0.00	64715.10	0.00	0.00	0.000	0.466	0.000
2	1.00	0.00	0.00	0.00	0.00	0.00	22028.48	0.000	0.000	0.000
3	1.00	0.00	29564.00	0.00	2533.64	0.00	0.73	0.000	0.208	0.000
4	1.00	0.00	0.00	0.00	0.00	0.00	14940298.17	0.000	0.000	0.000
5	1.00	0.00	1.32	0.00	42.92	0.00	0.00	0.000	0.000	0.000
6	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
7	1.00	0.00	7.85	0.00	350.79	0.00	0.00	0.000	0.000	0.000
8	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
9	1.00	0.00	6.58	0.00	589.25	0.00	0.00	0.000	0.000	0.000
10	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
11	1.00	0.00	28.11	0.00	71843.81	0.00	0.00	0.000	0.000	0.000
12	1.00	0.00	12625.94	0.00	14512.81	0.00	0.00	0.000	0.089	0.000
13	1.00	120598.96	0.00	0.00	0.00	11788.73	0.00	0.848	0.000	0.000
14	1.00	0.00	0.00	0.00	0.00	0.00	628571.38	0.000	0.000	0.000
15	1.00	0.00	0.00	0.00	0.00	0.00	23577675.58	0.000	0.000	0.000
16	1.00	2.98	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
17	1.00	12193.87	0.00	0.00	0.00	127.68	0.00	0.086	0.000	0.000
18	1.00	0.00	0.00	0.00	0.00	0.00	75977.51	0.000	0.000	0.000
19	1.00	0.00	0.00	0.00	0.00	0.00	3449751.98	0.000	0.000	0.000
20	1.00	188.52	0.00	0.00	0.00	0.20	0.00	0.001	0.000	0.000
21	1.00	0.00	0.00	0.00	0.00	0.00	1141257.32	0.000	0.000	0.000
22	1.00	454.16	0.00	0.00	0.00	8.83	0.00	0.003	0.000	0.000
23	1.00	2679.83	0.00	0.00	0.00	123.74	0.00	0.019	0.000	0.000
24	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
25	1.00	0.00	0.00	0.00	0.00	0.00	1078627.46	0.000	0.000	0.000
26	1.00	0.00	0.00	0.00	0.00	0.00	511859.19	0.000	0.000	0.000
27	1.00	0.00	548.30	0.00	56241.84	0.00	0.00	0.000	0.004	0.000
28	1.00	742.31	0.00	0.00	0.00	77.69	0.00	0.005	0.000	0.000
29	1.00	0.00	0.00	0.00	0.00	0.00	3633420.02	0.000	0.000	0.000
30	1.00	0.00	0.00	0.00	0.00	0.00	453.21	0.000	0.000	0.000
31	1.00	571.84	0.00	0.00	0.00	5.50	0.00	0.004	0.000	0.000
32	1.00	0.00	11284.40	0.00	1136.28	0.00	0.00	0.000	0.079	0.000
33	1.00	285.31	0.00	0.00	0.00	2022.43	0.00	0.002	0.000	0.000
34	1.00	0.00	0.00	0.00	0.00	0.00	320230.53	0.000	0.000	0.000
35	1.00	0.00	9.33	0.00	26.85	0.00	0.00	0.000	0.000	0.000
36	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
37	1.00	0.00	0.00	0.00	0.00	0.00	252646.05	0.000	0.000	0.000
38	1.00	0.00	7.45	0.00	148.30	0.00	0.00	0.000	0.000	0.000
39	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
40	1.00	0.00	5.09	0.00	178.79	0.00	0.00	0.000	0.000	0.000
41	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
42	1.00	0.00	519.27	0.00	15439.16	0.00	0.00	0.000	0.004	0.000
43	1.00	0.00	21.49	0.00	16187.39	0.00	0.00	0.000	0.000	0.000
44	1.00	82.00	0.00	0.00	0.00	516.19	0.00	0.001	0.000	0.000
45	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
Sum	45.00	137799.79	120838.08	0.00	243946.90	14671.01	49632797.60	0.969	0.850	0.000