

Penthouse

Work Specifications

Project specific specifications

1. Table of contents

2. Scope

- 2.1. General information
- 2.2. Building components
- 2.3. Designing
- 2.4. The building site
- 2.5. Health and safety
- 2.6. The surrounding environment
- 2.7. Quality assurance
 - 2.7.1. General information
 - 2.7.2. Quality control documentation
 - 2.7.3. O&M (operational and maintenance)-documentation
- 2.8. Scheduling the work
- 2.9. Tests and samples.

3. General specifications

- 3.1. Reference
 - 3.1.1. Norms and standards
 - 3.1.2. Directions
- 3.2. Materials and products
- 3.3. Execution of works
- 3.4. Control
- 3.5. Relation to other works
- 3.6. Work environment

4. Building component specifications

The building component-ID, title for the building component specifications

Each building component comprises the following points:

- Scope and location
- Reference to drawings
- Adjacent and adjoining components
- Design
- Materials and products
- Execution of works
- Surfaces
- Samples
- Control
- The work environment

Table of contents

2. Scope

The scope is to construct three new penthouses, included within the refurbishment and extension of the building located in Moldevej, 29-39, Vejle.

2.1. General information

The work comprises the building components and other services stated in point 2.2, which are described in more detail in the work specifications or in the drawings.

In addition, the work comprises the stipulations in the Case Specifications and any services required in tender forms, for example extra work or omissions that can be connected to the current works.

2.2. Building components

The work comprises all works and deliveries that are necessary for the full completion of building components.

The work encompasses the following building components:

- Steel structure:
 - HEB 200 Stiff frames
- External walls:
 - Prefabricated panels
- Internal walls:
 - Gypsum plasterboard
- Roof:
 - Plaster ceiling
 - C-profiles
 - Trapezoidal profile
 - Vapour barrier
 - Rockwool insulation
 - Building paper
 - Aluminium sheet

2.3. Design and detail design

No design work is going to be done by contractor.

2.4. The building site

See Case Specification and Building Site Plan

2.5 Health and Safety

See Case Specification

2.6 The surrounding environment

See Case Specification

Table of contents

2.7. Quality Assurance

2.7.1. General information

See Case Specification

2.7.2. Documentation of quality

See Tender Control Plan

2.7.3. O&M (Operation and Maintenance)-documentation

The following documentation for the work's quality must be delivered:

- Certificates of Blacksmiths standards and quality.
- Documentation for welding quality
- Documentation for each material received from walls, roof and floor.

2.8. Planning and scheduling of work

Contractor must be in cooperation with the contractor that make new roof construction

2.9. Samples

No requirements for samples

3. General Specifications

3.1. Reference

No references

3.1.1. Norms and standards

The norms and standards mentioned below, in their latest editions and with any enclosures are valid for the works - - with any amendments, additions and omissions that are stated in these work specifications and on the drawings.

The notes and directions, etc. stated in the references are to be construed as requirements that only can be deviated from if they are stated in these work specifications and/or on the drawings, or agreed with the project management.

3.1.2. Directions/instructions

Where the directions, reports and other documents in their latest edition, with any enclosures and together with the project documents, are made valid for the works, the stated recommendations, directions, procedures, advice, etc, must be construed as demands.

Table of contents

3.2 Materials and products

The required documentation for the materials and products used, for example in the form of product certificates, receipts, etc., must be presented for the project management for their approval.

The following materials and products must not be delivered onto the building site before the project management's documentation for them are available:

- Materials concerning new external walls.
- Materials concerning new roof.

Materials and products of specific brands can be prescribed for the works. Other product brands can be used if they are on the same footing as the ones prescribed. Documentation for this must be presented to the project management.

3.3 Execution of works

3.4.Control

The following Tender Control Plan must be worked into the contractor's Control Plan.

Table of contents

Building planning and management - Tender phase

Tender control plan

☐

Supervision plan

☒

Tender control plan

☐

Control plan

Case:	Refurbishment and extension	No. of case:	Date:01.12.2010	Rev: -	Page 1 of 2
Location:	Penthouse	Contract/building component:	Steel Structure		

Pos. No.:	Subject:	Method/How	Frequency:	Time:	Demands:	Demands to documentation:	Who/ Responsible:	Carried out / Reference:
	Stiff frame, welding	Visual check	All weldings	When receiving				
	Stiff frame, connection with original walls	Checking horizontal	All the frames	After connection				

Tender Control plan

☐

Supervision plan

☒

Tender control plan

☐

Control plan

Case:	Refurbishment and connection	No. of case:	Date: 01.12.2010	Rev:	Page 2 of 2
Location:	Penthouse	Contract/building component:	External wall		

Pos. No.:	Subject:	Method/How	Frequency:	Time:	Demands:	Demands to documentation:	Who/ Responsible:	Carried out / Reference:
	Erecting timberframe	Checking position, connection and verticality	All the frames	During and after erecting				
	Placing insulation, thickness	Visual	General view	During placement				
	Fixing Oriented Strand Board, connection	Visual	Each meter	After fixing				
	Fixing plastic windproof sheet, covering	Checking all the surface covered	All surface	After fixing				
	Fixing battens, connection	Checking connections are ok	Each batten	After fixing				
	Fixing wooden panels, connection	Check connection to battens, also horizontality	Each 5 m2	After fixing				
	Fixing vapour barrier, connection	Check connection to timberframe , covering all the surface	All the surface	After fixing				
	Fixing plasterboard	Check connection to timberframe , and verticality	Each piece	After fixing				

3.5 Relation to other works

3.6. Work environment

Table of contents

4. Building Component Specifications

4.1 Building Component ID, the title for the building component specifications:

- Steel Stiff frame: S1 , S2, S3
- Roof: A, B, C

4.2 Extent and location

See material quantity drawings

- **References to drawings**
- **Adjoining building components**
- **Design**
- **Materials and products**
- **Execution**
- **Surfaces**
- **Tests and samples**
- **Quality Control**
- **Work Environment**