



GROUND FLOOR

- Load bearing wall REI 60 A2-s1 , d0
- Load bearing wall R60
- Load bearing wall R30
- Fire division wall REI 60 A2-s1, d0  
According to BPS 116: Walls and ceilings must be BS building component 60. Walls surfaces must be class 1, but existing wall panels of 22m massiv wood to a height of 1.5, can be retained
- Wall EI 60 fire compartment,  
Non load bearing wall

EI 30-C/F-door 30)  
Side-hinged wooden doors made in accordance with DS 1064,10

Door without fire resilience requirement

EI 30-C (BD-door 30)  
Side-hinged doors made in accordance with DS 1064,10

EI 60-E  
Side-hinged doors made in accordance with DS 1064,10

Escape route area

Smoke Alarm

R: for load carrying, non separating building components,  
REI: for load carrying, separating components  
EI: non load carrying, separating building components.  
30, 60, 120: number of minutes

PROJECT: New Administration Building for NIELS NISSEN A/S	SCALE:1:100	BDS_FL_GF
SUBJECT: FIRE ANALYSIS	CLASS: CAHS 72	
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