



# FIRST 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
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-  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
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-  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

**VIA** UNIVERSITY COLLEGE  
 SCHOOL OF TECHNOLOGY AND BUSINESS - Horsens

PROJECT: New Administration Building for NIELS NISSEN AVS SCALE: 1:100

SUBJECT: FIRE ANALYSIS

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BDS\_FL\_GF