

Detail to meet 120 minute fire rating, integrity and insulation in accordance with the criteria of BS 476: Part 22: 1987.

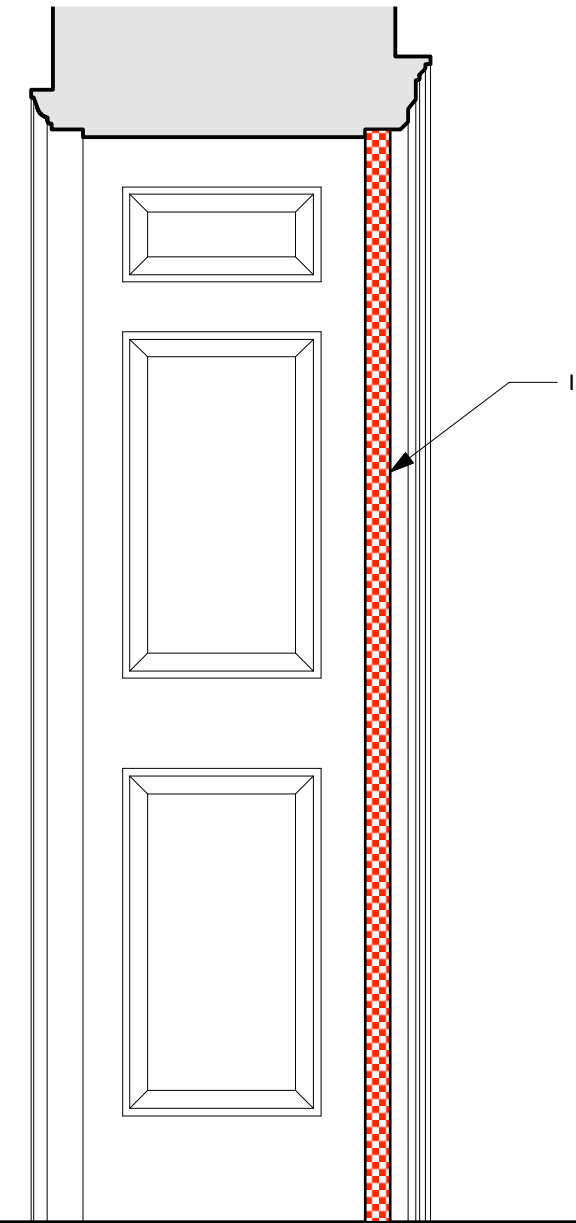
Drawing based upon Promat Supalux Internal Partition Certified Details.

Notes

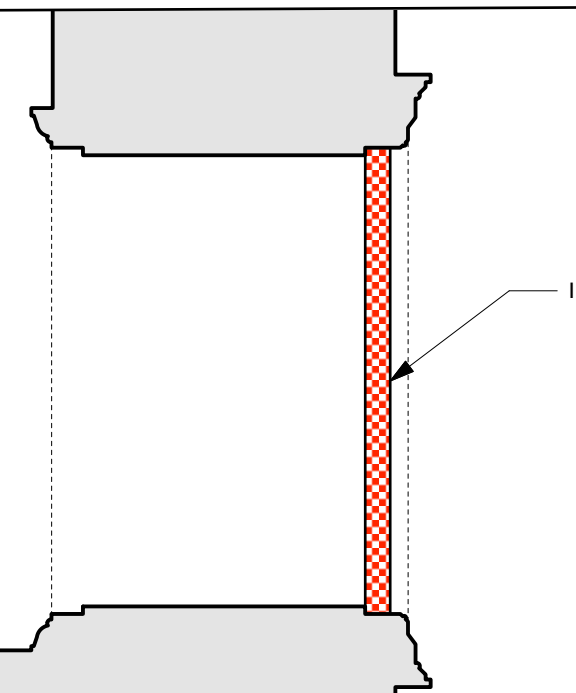
1. New Fire Resistant Partition fixed within an existing door opening, note that there is currently no door.
2. Existing architrave; it is not proposed to remove these to fire proof behind because of the impact this would have upon the fabric.
3. Existing door frame, joinery detailing assumed.
4. Existing door lining, joinery detailing assumed.
5. Existing floorboards
6. Existing lath & plaster ceiling, plaster assumed to be haired lime putty 3 coat plaster
7. Existing masonry wall, assumed to be London stock brick laid in lime mortar.
8. Existing wall plaster, assumed to be lime putty 3 coat haired plaster
9. Fibre reinforced calcium silicate board (15 mm); screw boards as indicated to timber grounds & metal angles with steel screws. Once installed, plaster skim using gypsum plaster and decorate.
10. Indicative timber ground.
11. M6 steel anchor bolt screwed into masonry at nominal 500 mm centres
12. Timber stud, 89 x 50 mm at maximum 610 mm centres.
13. Promat PROMASEAL Intumescent Sealant.
14. Promat SUPALUX boards; 3no 20, 15 & 15 mm. Stagger all joints by at least 600 mm, between layers. Sandwich the perimeter angle between the 20 & 15 mm boards. First layer 20 mm; fixed to perimeter angle using M4 screws at 300 mm centres. Second layer 15 mm; fix to first layer using M4 x 30 mm screws at 300 mm centres around the perimeter and on both sides of each joint. Third layer 15 mm, fix to first two layers using M4 x 45 mm screws at 300 mm centres around the perimeter and down the centre of each panel. Take care not to over tighten screws.
15. Promat SUPALUX boards; each side 15 mm thick. Boards can be either butt jointed or flush jointed.
16. Rock wool seal or intumescent sealant.
17. Rock wool, minimum 80 mm thick x 100 kg per metre cubed applied in 2 layers of 40 mm thickness with all joints staggered by a minimum of 150 mm between layers.
18. Steel angle frame, minimum 30 x 30 x 1 mm bedded on Promat PROMASEAL Intumescent Sealant.
19. Void behind panelling; it is proposed to not access this void. A decision upon this will be made onsite when the floor is opened up to accommodate the lift.

DO NOT SCALE THIS DRAWING USE DIMENSIONS ONLY
 VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR SHOP DRAWINGS
 INFORM THE ARCHITECT BEFORE ANY WORK STARTS IF THIS DRAWING EXCEEDS THE QUANTITIES IN ANY WAY

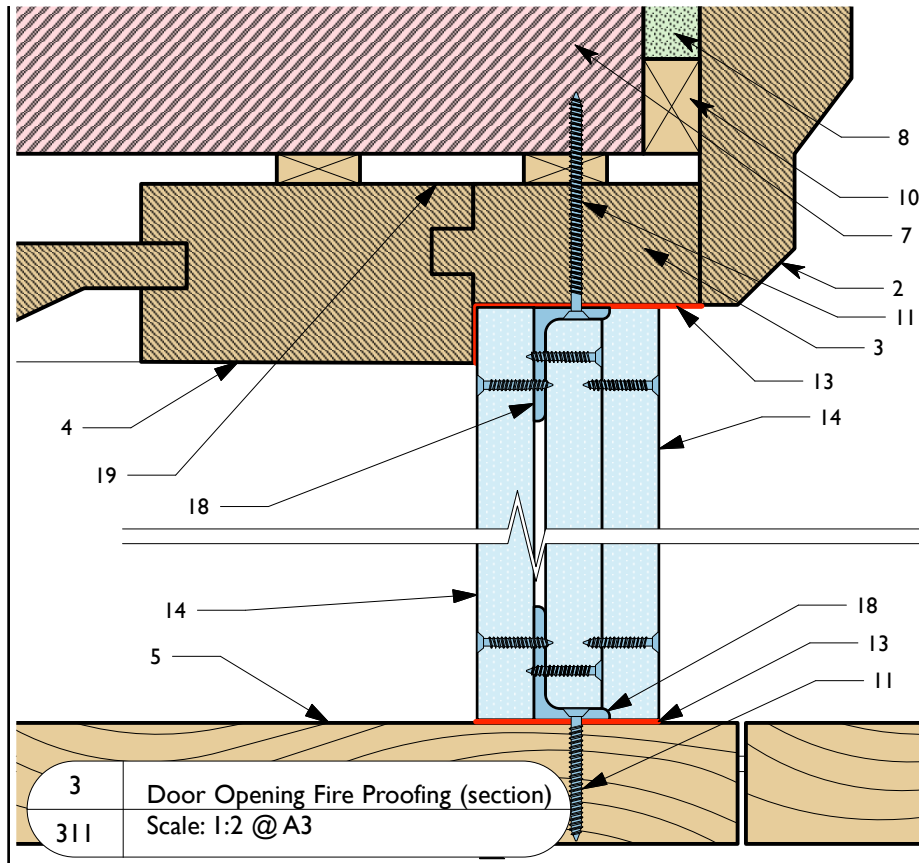
Revision	Date	Notes
A	5 th September 2017	Notes amended for planning submission



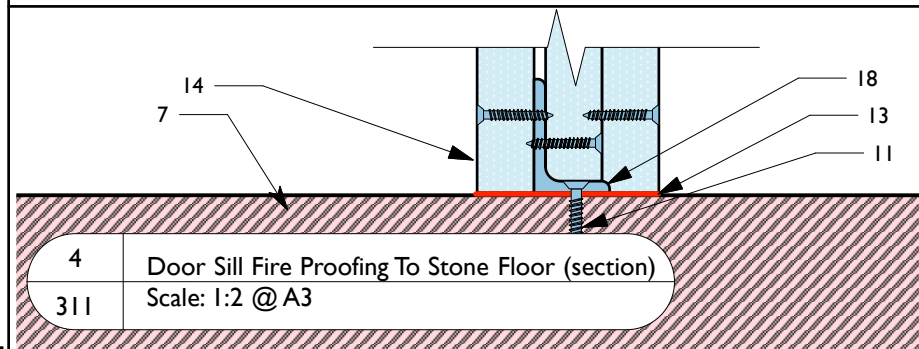
1 Section Through Door Opening
 311 Scale: 1:15 @ A3



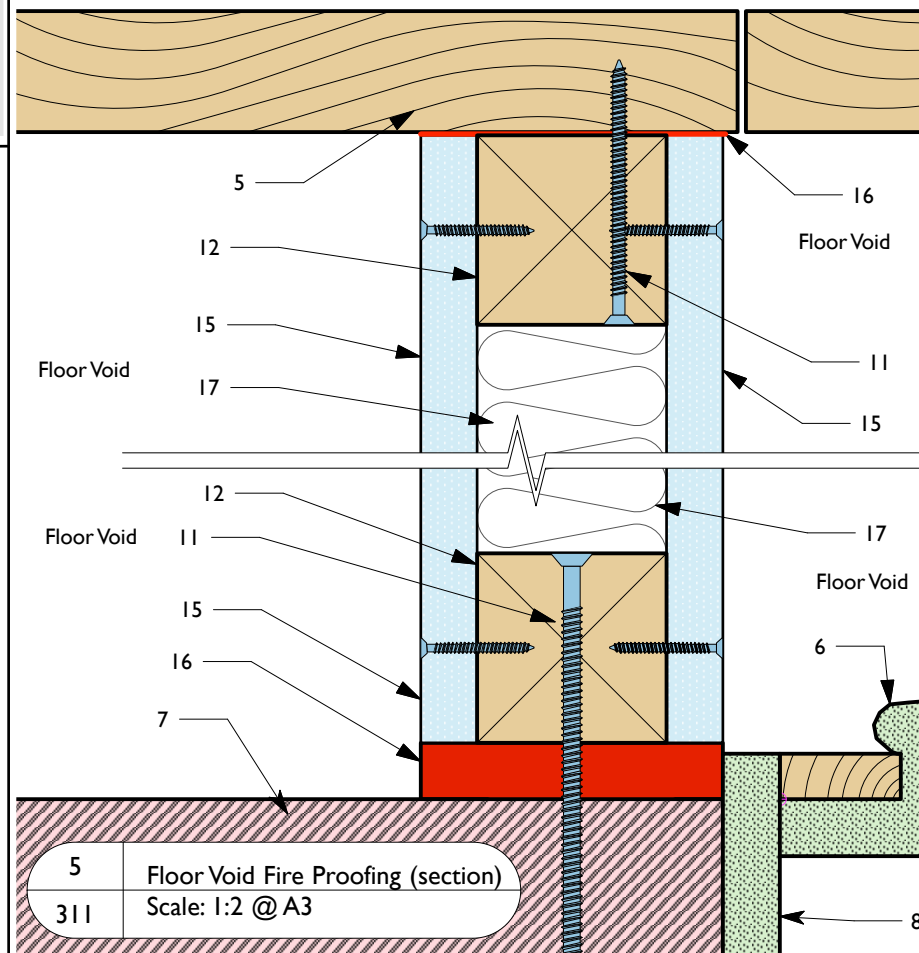
2 Plan Section Through Door Opening
 311 Scale: 1:15 @ A3



3 Door Opening Fire Proofing (section)
 311 Scale: 1:2 @ A3



4 Door Sill Fire Proofing To Stone Floor (section)
 311 Scale: 1:2 @ A3



5 Floor Void Fire Proofing (section)
 311 Scale: 1:2 @ A3

DRAWING ISSUE STATUS	REVISION N°	DATE	SIGNED
RISK ASSESSMENT UNDERTAKEN			
PLANNING APPLICATION N° 1			
PLANNING APPLICATION N° 2			
PLANNING CONSENT			
LISTED BLDG APPLICATION			
LISTED BLDG CONSENT			
DAC APPROVAL			
BLDG CONTROL APPLICATION			
BLDG CONTROL APPROVAL			
TENDER DOCUMENT			
CONTRACT DOCUMENT			

CLIENT
 English Heritage

PROJECT
 Marble Hill House

TITLE
 Main House:
 Fire Resistant Partition to Sensitive
 Historic Panelled Opening

SCALE
 Various @ A3

DATE
 December 2016

JOB N°
 16_132

DRAWN
 HS

DRAWING N°
 311A

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