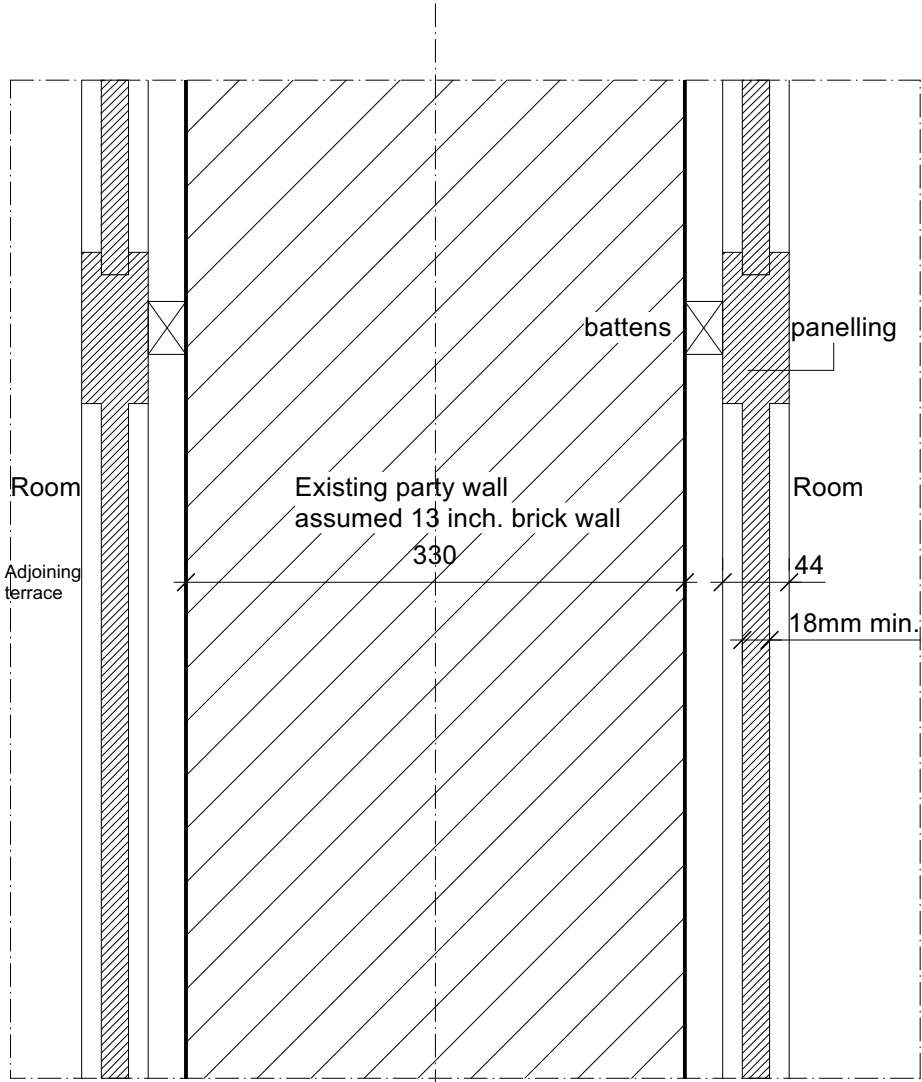


EXISTING WALLS & PARTITIONS



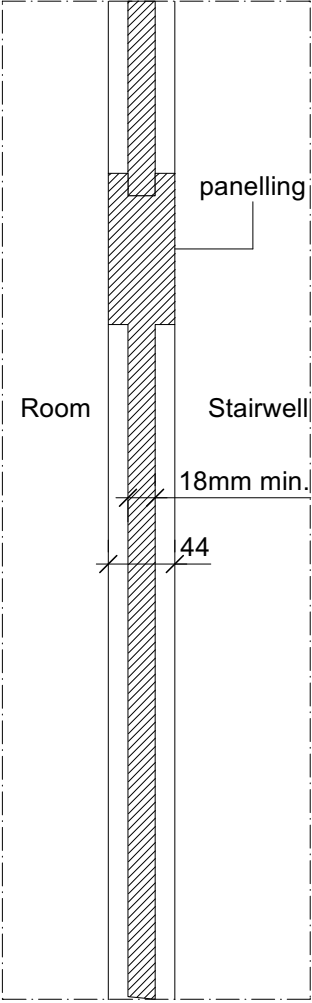
01
002 Proposed Detail 1
1:5@A3

Case 1
Requirement: 60min FR
Panelling surface flame spread: expected Class C
(existing, assumed is class D)

NO ACTION
Build up achieves the requirement.

ADDITIONAL ACTION
If required by Building Control allow for treating panelling with Envirograf Q/VFR/C intumescent coating to achieve surface spread of flame protection to either Class 0/1 or Classification B/C

44mm thick panelled partition.
Exact construction to be investigated.

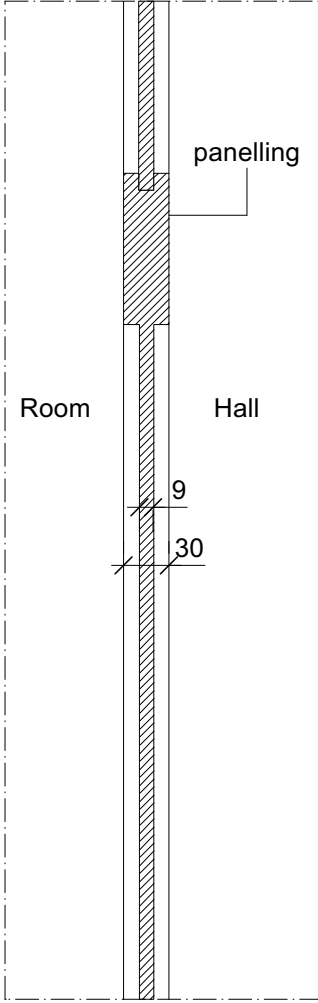


02
002 Proposed Detail 2
1:5@A3

Case 2
Requirement: 30min FR
(circulation/escape)
Panelling surface flame spread: expected Class B

ACTION
Apply Envirograf intumescent ply veneer on panels, intumescent coating on the rest of the panelling. On room side only.

30mm thick panelled partition.
Exact construction to be investigated.



03
002 Proposed Detail 3
1:5@A3

Case 3
Requirement: 30min FR
(circulation/escape)
Panelling surface flame spread: expected Class B

ACTION
Apply Envirograf intumescent ply veneer on panels, intumescent coating on the rest of the panelling. On room side only.

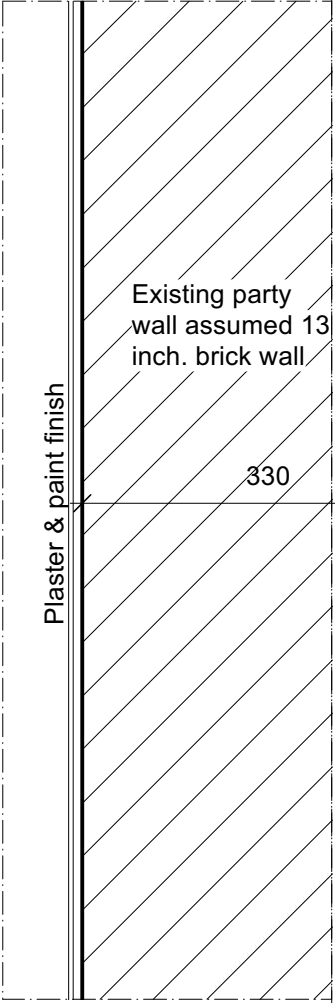


04
002 Proposed Detail 4
1:5@A3

Case 4
Requirement: 30min FR

ACTION
Lath & plaster walls and ceilings are generally accepted as offering about 20 minutes fire integrity untreated. To achieve the full 30FR required the plaster should be treated with Envirograf intumescent coating (1 x coat EP/CP/P primer or 1 x coat Stabond sealer +2 x coats EP/CP intumescent + 1 x coat HW AEC acrylic emulsion protective topcoat).

Notes



05
002 Proposed Detail 5
1:5@A3

Case 5
Requirement: 60min FR

NO ACTION
Build up achieves the requirement.

0 50 100 150 200 250 mm

Revisions		
PLANNING		
45 Great Ormond Street London, WC1N 3HZ		
Details - Proposed wall types		
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