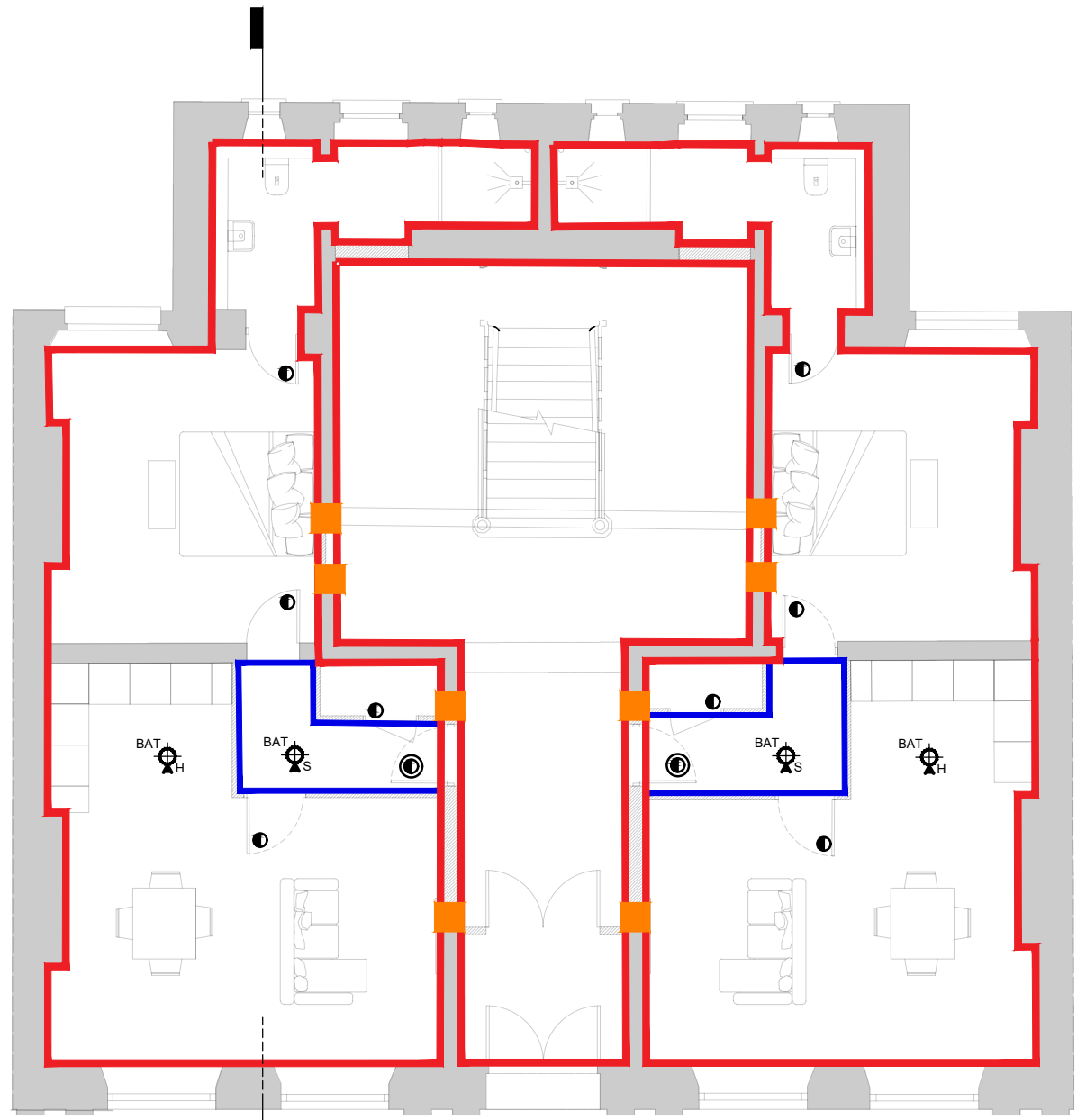
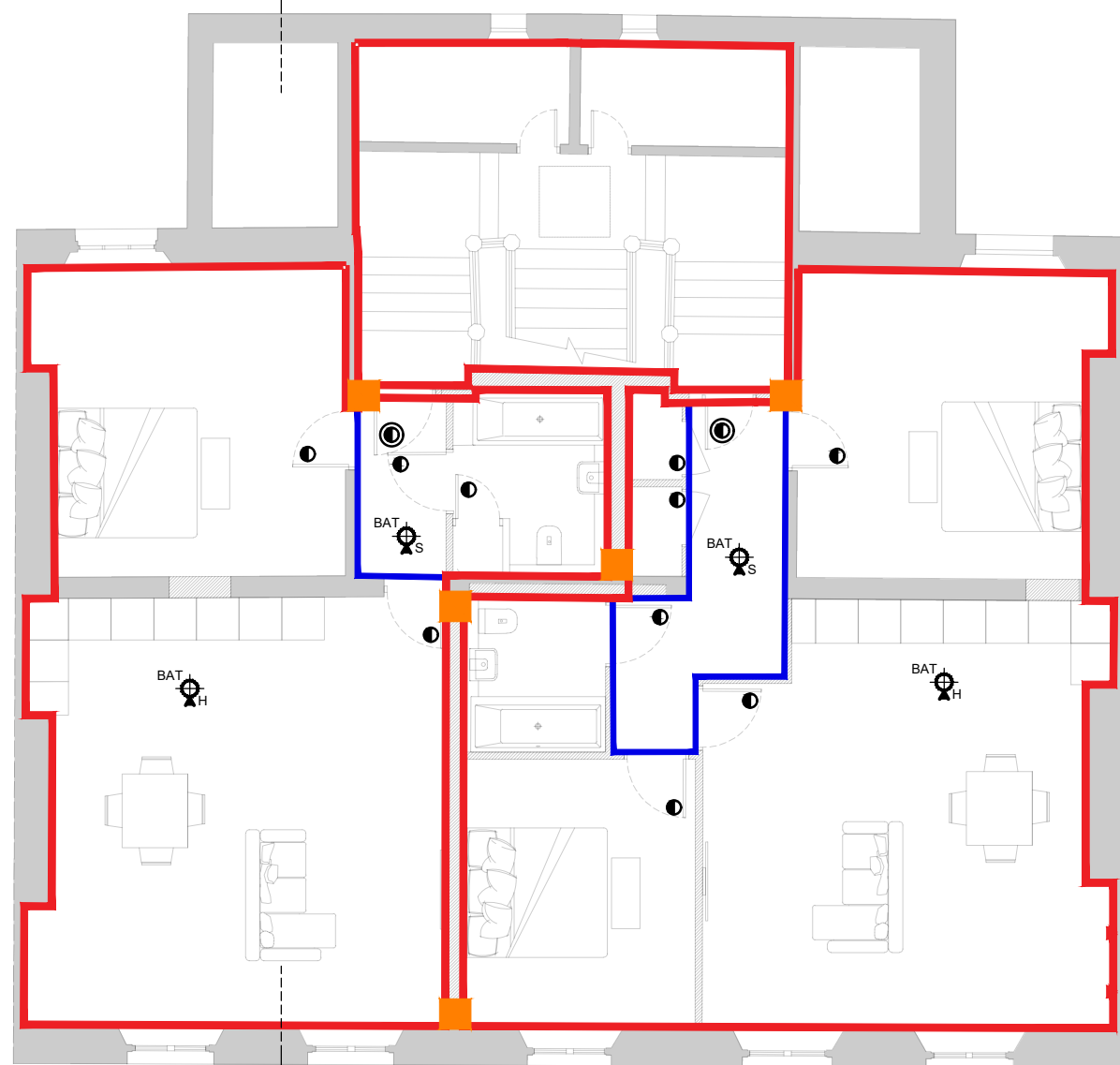




Ground Floor Plan - 1:100



First Floor Plan - 1:100

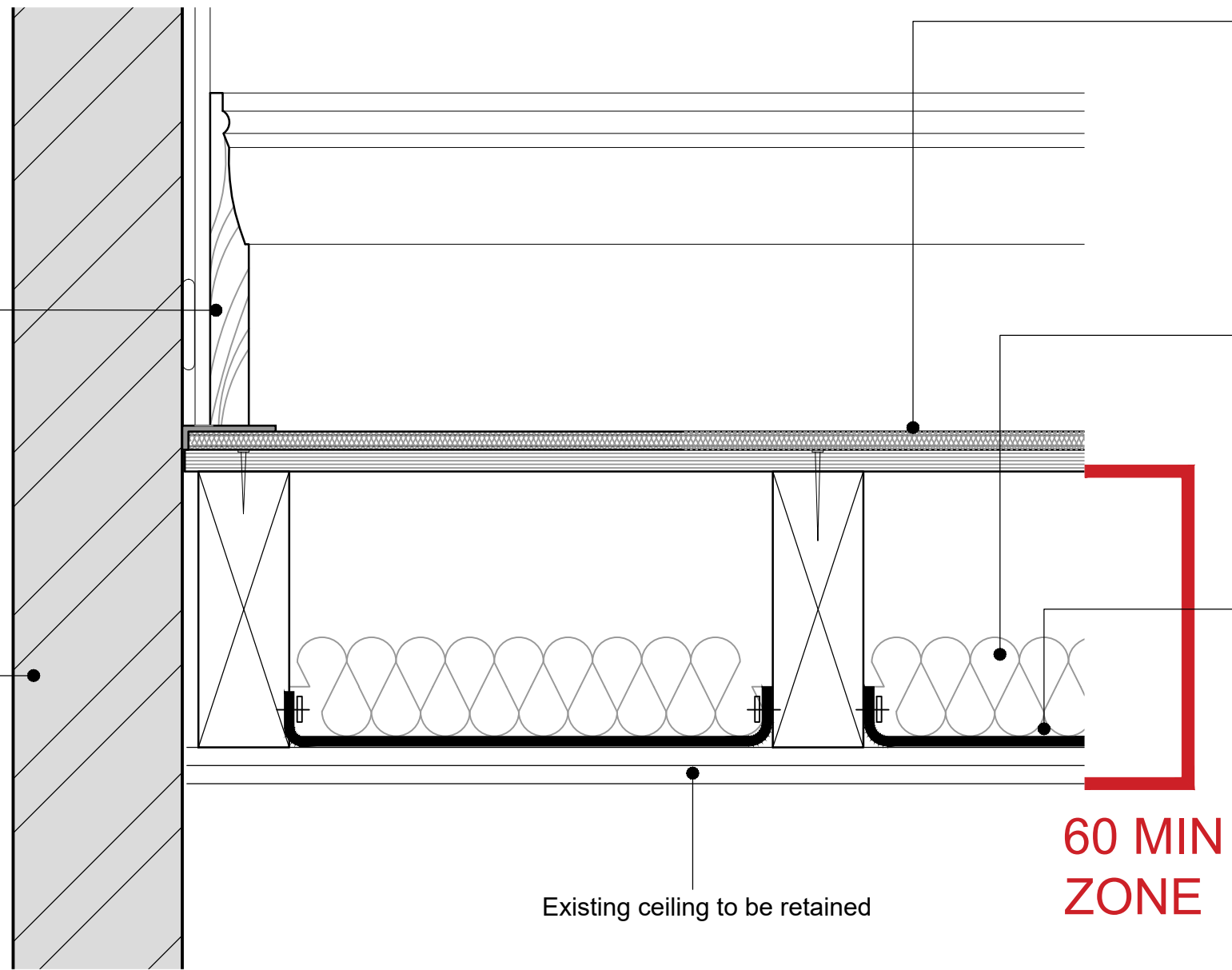


Second Floor Plan - 1:100

Where present, existing skirting boards are to be removed to allow acoustic floor to be installed and reattached to wall allowing 5mm thick acoustic flanking strip to isolate skirting from flooring

Existing exterior wall to be made good as required

Existing wall build up expected to achieve 60 min fire protection so no additional wall upgrades required



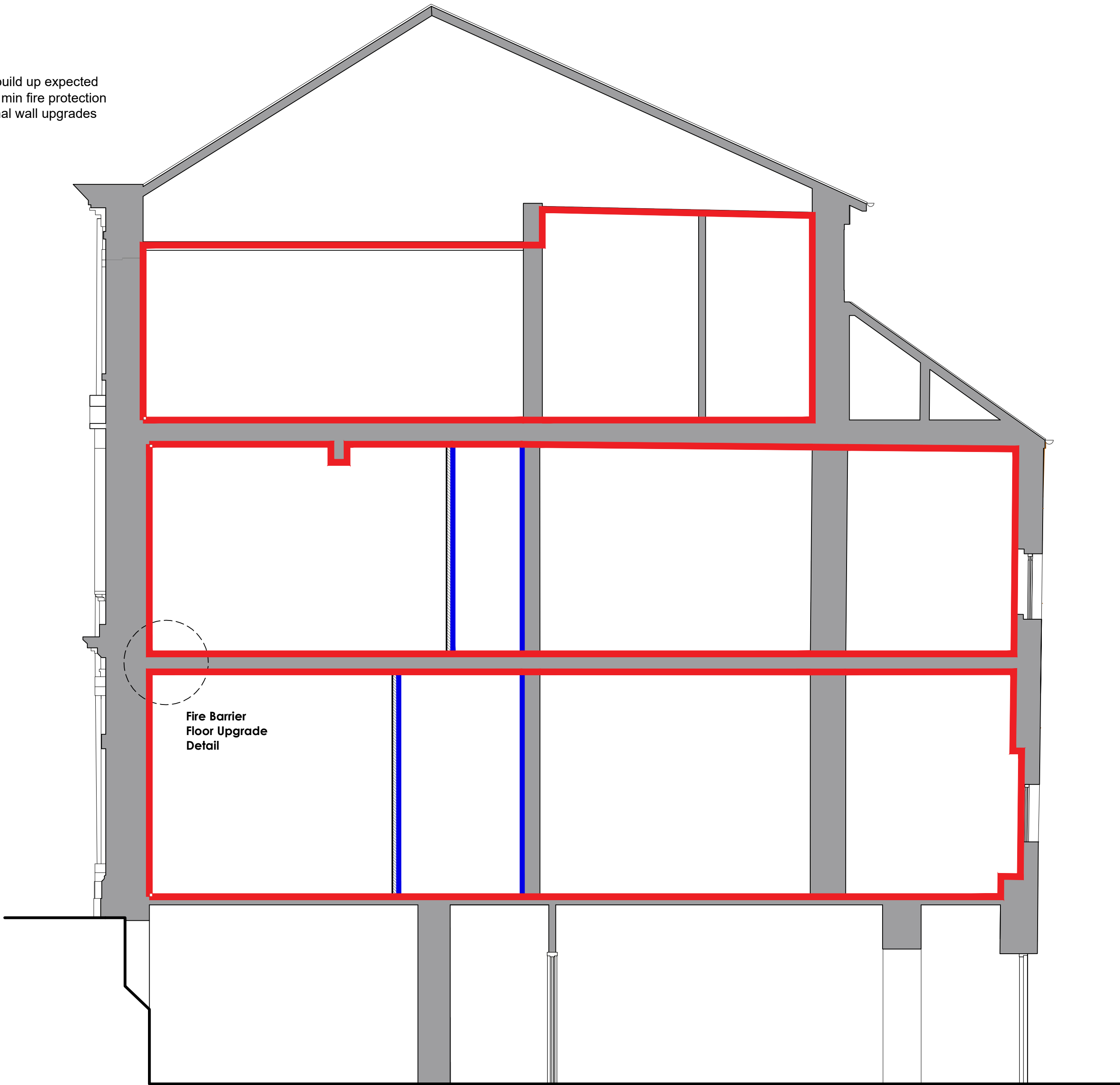
Fire Barrier Floor Upgrade - 1:5

Acoustic flooring treatment to comprise of Collecta DECKfon Ultramat 15 acoustic floating floor board over existing sealed floor boards. Install 5mm thick polyethylene foam strips (Celectra Yelofon ES₁₅) around edges of the floor, next to wall and skirtings.

100mm minimum mineral wool sound insulation (min density 45kg/m3) to be installed between joists

Envirograf Product 53 underfloor fire barrier over the ceiling, turned up a minimum of 50mm at joists and walls. Nail fire barrier to existing joists using metal fixing plates and fix the barrier to existing walls using metal fixing plates and 30mm galvanised large head clout nails. Installation to achieve a minimum 60-minute fire resistance rating

60 MIN ZONE



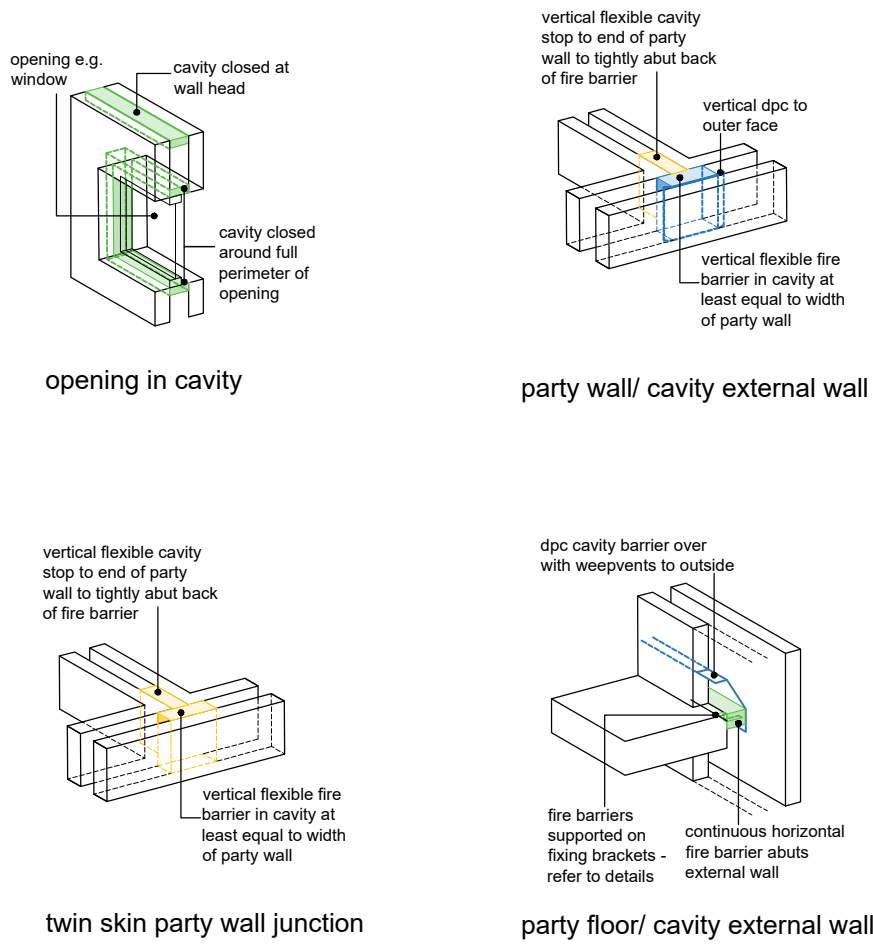
Section - 1:50

60 Min FIRE COMPARTMENTATION
1/2HR FIRE COMPARTMENTATION

To maintain the character of the building while improving fire protection, it is proposed that the existing period timber door be upgraded to provide 30 minutes of fire resistance (FD30 standard).

The proposed upgrade works are as follows:

1. The existing door will be carefully removed from its frame and inspected to ensure the timber is in sound condition and suitable for upgrading.
2. The door will be prepared and coated with an approved fire-retardant paint system (e.g., Timinox or equivalent) in accordance with the manufacturer's specifications to enhance the door's fire performance.
3. Intumescent fire seals will be installed by routing a continuous groove around the perimeter of the door or frame. These seals expand in the event of a fire to restrict the passage of flames and smoke.
4. A suitable self-closing device will be fitted to ensure the door closes fully after use, maintaining the fire compartmentation.
5. All ironmongery and fixings will be checked and upgraded if necessary to ensure compatibility with fire-resisting door requirements.



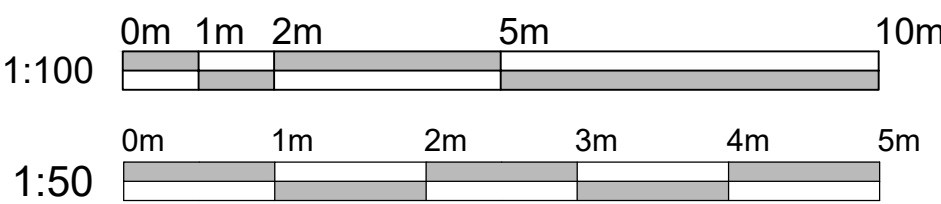
Vertical Fire Barrier

BAT S Fire alarm smoke detector with sounder base and battery back up (all flat hallways)

BAT H Fire alarm heat detector with sounder base and battery back up (all flat kitchen/living/dining area)

FD30 - 30 min fire rated door with accredited fire door lining set

FD30SC - 30 min fire rated door with self closer and int. smoke seals



Notes:

do not scale: detailed drawings and larger scale drawings take precedence. Figured dimensions only are to be taken from this drawing.

dimensions:

All building and site dimensions, levels and sewer invert levels at connection points are to be checked and verified on site by the contractor before the commencement of works. All dimensions are to be checked prior to the placement of orders for materials or the fabrication of work and any discrepancy, omission or error is to be reported to the Architect immediately for verification.

specification:

The Contractor is to comply with current Building Legislation, British Standard Specifications, Building Regulations etc. whether or not specifically stated on this drawing. This drawing must be checked against and read in conjunction with any structural or other relevant specialist and design documentation provided.

revisions:

client:

Mr C Jones

project:

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Newport
NP20 4SF

description:

Proposed Fire
Compartmentation Strategy

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drawn:

JDW

date:

Feb 26

job drwg. no:

jw1212-123

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