

Existing Fire Doors to Staircase

Floor Build-Up: FT-1 (TBA by MCC)
2.5 mm Amtico LVT being laid is to ensure the proposed adhesive is compatible with the latex levelling screed.
18mm T&G plyboard panels with resilient layer below separated at party wall locations.
18mm T&G plyboard panels screw fixed to joists to create diaphragmatic structure.
150 mm cavity containing new timber beam with Acoustic dampening fixings
30mm Rokwool Slab 60kg/m³
2 x 12mm Promat Supalux board to achieve 60min fire compartment floor

Existing perimeter timber joist picking up new floor build-up

The new compartment floor build ups are to be filled by a perimeter intumescent mastic fire seal by the fire stopping sub-contractor and is to achieve a fire rating of 60 minutes in accordance with NBS Clause P12 /338A. The fire stopping sub-contractor is to provide a Technical Submission for the products that they are proposing to utilise in accordance with NBS Clause P12/338A.

Existing Masonry Wall

Gaps between 10mm & 20mm must be tightly packed with mineral fibre or gaps up to 20mm filled with proprietary fire stopping product. Products must be tested for this application to BS 476: Part 22: 1987 or BS EN 1631-1

Existing Fire Doors to Staircase

Window Frame

41mm Knauf insulation acoustic roll - Glass mineral wool

1 | WALL HEAD SECTION DETAILS

5mm Collecta ES5 perimeter flanking strip as NBS Clause K11/115B, needs to be taken down to ensure the separation between the external wall and floor.

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The fire protection of the compartment floor is provided by a Fire Engineered Solution by means of a Thermoguard type paint due to the listed building condition.

2 | FLOOR TO WALL JUNCTION SECTION DETAIL

1:5

MH - 04 - FOURTH FLOOR
13860

Overlapping 175 x 50mm new timber joists to SE details and specification

100mm Knauf insulation omnifit® roll 34 to achieve a density of 45 Kg/m³ installed within the void of joists by friction fitting, prior to the ceiling channel being installed as NBS Clause K10 / 220A.

2 x 15mm Knauf Fire Panel fixed to the ceiling channel as NBS Clause K10 / 220B.

75 x 50mm timber joist to support new L&P ceiling to SE details and spec. Gyproc Sealant for optimum sound insulation

New lath and plaster ceiling to match existing as per specialist sub-contractor details and specification

New Lath & Plaster ceiling to match existing as per specialist sub-contractor details and specifications. Refer to drawing ref. 061_501B - Lath and Plaster Roof Details for arrangement.

Existing Masonry Wall

Existing Concrete Floor

Wall type 003 as per DWG. 013-MDB-BS-ZZ-DT-A-2201
Facings:
Room Side: 2 x 15mm Knauf Fire Panel
Shaft Side: 19mm Knauf Core Board
Framing:
60mm Knauf C-T Stud [0.92 gauge] at max. 600mm centres
Insulation:
1 x 25mm Knauf insulation acoustic roll - Glass mineral wool (Ecoose Technology)

Wall type 001 as per DWG. 013-MDB-BS-ZZ-DT-A-2201
Facings: 2 x 15mm Knauf Soundshield Plus Board, Twin frame - 50mm Knauf C Stud (refer to Kanuf details and specification for wall height restrictions)
Insulation: 2 x 50mm Knauf insulation acoustic roll - Glass mineral wool (Ecoose Technology) to each stud, separated by 25mm cavity.

Existing Masonry Wall

Existing door jamb detail

Existing Masonry Wall

Minimum 10mm depth of acrylic intumescent mastic, fire tested for this application to BS 476: Part22: 1987 or BS EN 1634-1

Gaps between 10mm & 20mm must be tightly packed with mineral fibre or gaps up to 20mm filled with proprietary fire stopping product. Products must be tested for this application to BS 476: Part 22: 1987 or BS EN 1631-1

Primed MDF architrave, 68mm wide x18mm thick with a 1.5mm arris to each long edge as NBS Clause P20/200B

Wall type 003 as per DWG. 013-MDB-BS-ZZ-DT-A-2201
Facings:
Room Side: 2 x 15mm Knauf Fire Panel
Shaft Side: 19mm Knauf Core Board
Framing:
60mm Knauf C-T Stud [0.92 gauge] at max. 600mm centres
Insulation:
1 x 25mm Knauf insulation acoustic roll - Glass mineral wool (Ecoose Technology)

Existing Fire Doors to Staircase

Proposed door to restrict access into existing stairwell

Wall Type 5 as per Knauf NBS Clause K10/175A

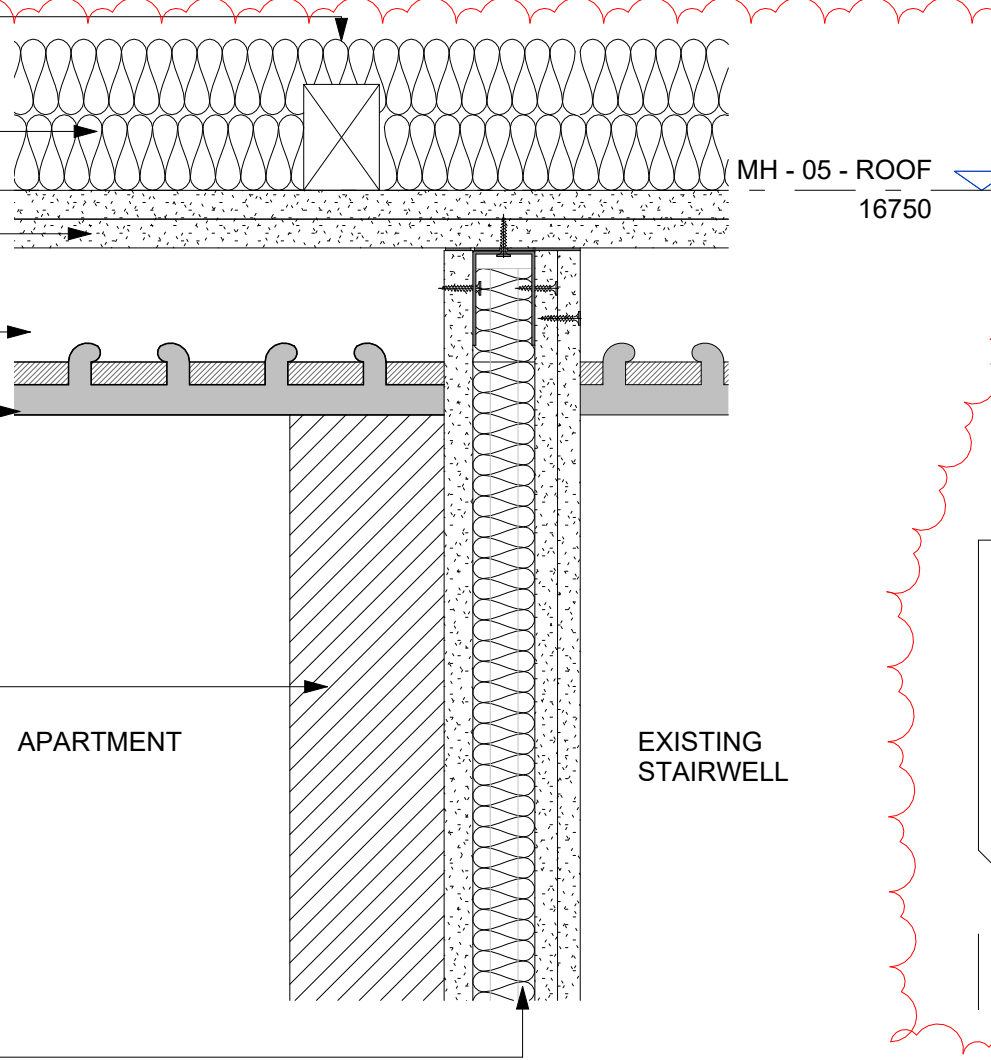
Minimum 10mm depth of acrylic intumescent mastic, fire tested for this application to BS 476: Part22: 1987 or BS EN 1634-1

Primed MDF architrave, 68mm wide x18mm thick with a 1.5mm arris to each long edge as NBS Clause P20/200B
Door frame as NBS Clause L20/420C

Gaps between 10mm & 20mm must be tightly packed with mineral fibre or gaps up to 20mm filled with proprietary fire stopping product. Products must be tested for this application to BS 476: Part 22: 1987 or BS EN 1631-1
140mm Core concrete blockwork

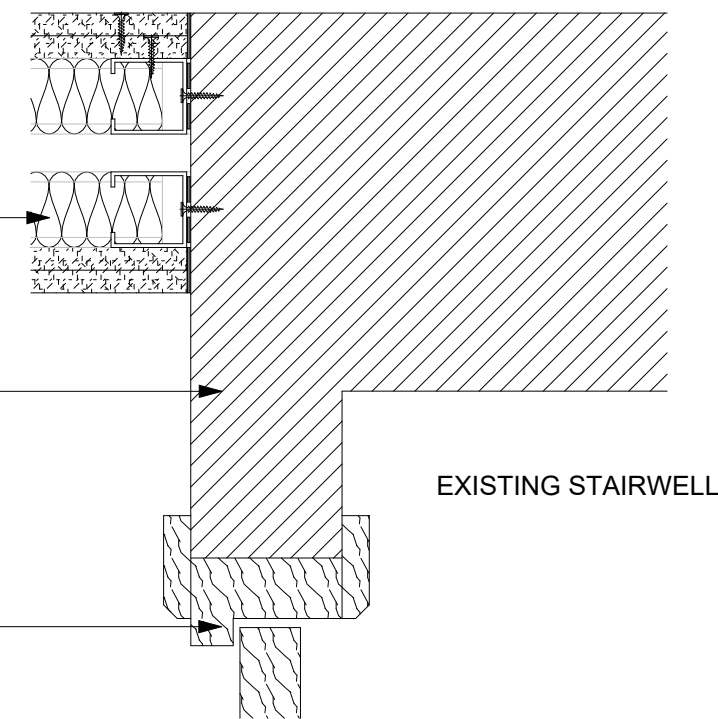
Door & Jamb details in accordance with door manufacturers details & Specyfication as NBS Clause L20/420C

Gypliner Frame



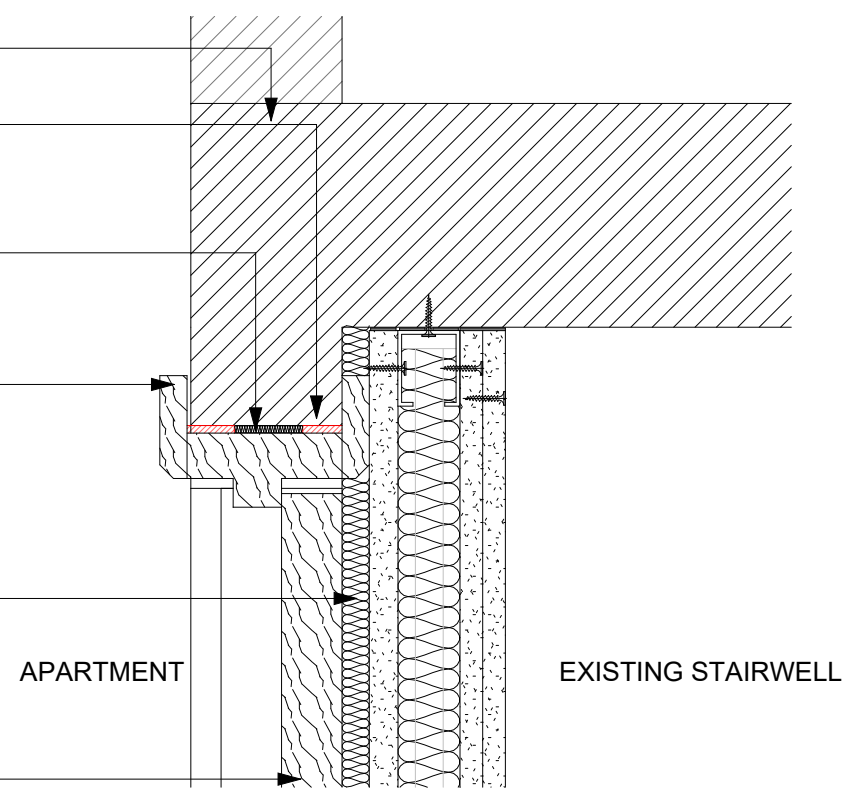
3 | 4TH FLOOR WALL TO CEILING ABUTMENT SECTION

1:5
DETAILS INDICATIVE ONLY, TO BE AGREED WITH MCC



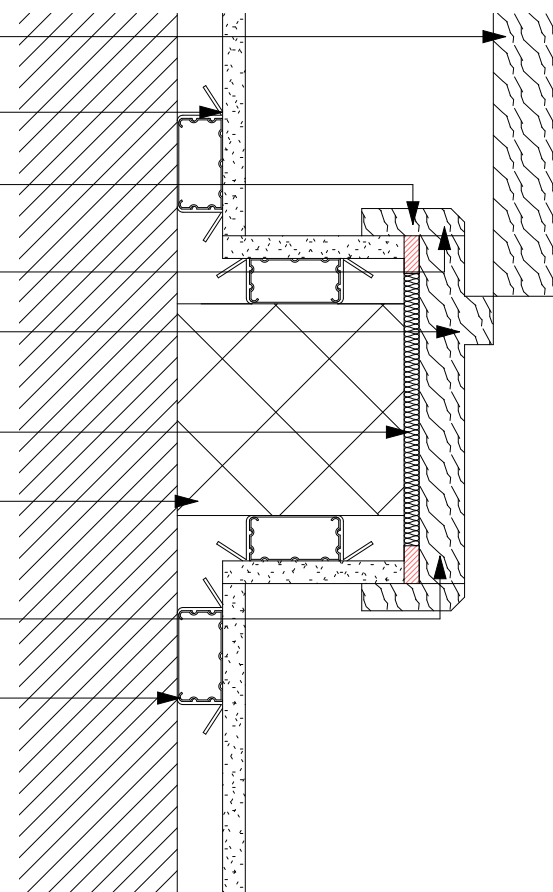
4 | GF EXISTING DOOR JAMB DETAIL

1:5



5 | BLOCKING UP OF EXISTING FIRE DOOR DETAIL

1:5



6 | PROPOSED DOOR JAMB DETAIL

1:5

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
2. ALL LEVELS ARE IN METRES UNLESS OTHERWISE STATED
3. DIMENSIONS ARE NOT TO BE SCALED FROM THE DRAWING
4. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT EDITION OF THE BUILDING REGULATIONS 1981 (INCLUDING AMENDMENTS) AND ALL RELEVANT BRITISH STANDARDS/CODES OF PRACTICE
5. CONTRACTOR IS RESPONSIBLE FOR THE CORRECT SETTING OUT OF THE WORKS ON SITE. ALL DIMENSIONS TO BE CHECKED PRIOR TO FABRICATION OF MATERIALS
6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND SPECIFICATIONS
7. THIS DRAWING SHALL NOT BE DUPLICATED WITHOUT THE EXPRESS WRITTEN PERMISSION OF BEECH DESIGN AND BUILD LIMITED

B ISSUED FOR APPROVAL NP 02.03.23
A ISSUED FOR INFORMATION NP 01.08.22

Rev Description By Date

MANCHESTER
design + build

CLIENT:

PICCADILLY WAREHOUSE

PROJECT:

REAR STAIR ENCLOSURE
DETAILS
MINDEL HOUSE

DRAWING TITLE:

PLANNING

DRAWING STATUS:

DRAWN: D. VARNAM | CHECKED: N. PATEL

SCALE @ A1: As indicated | DATE: 28/07/2022

013-MDB-MH-ZZ-DT-A-3201 | B

DRAWING NUMBER:

REV