

Wall ties to be provided to Structural Engineers specification and spacings and to be fixed through insulation, with non combustible compression sleeve, and into steel studs in accordance with EOS SFS requirements (any insulation retention clips etc. are to meet the requirements of European Class A2-s1, d0 or Class A1)

CARE IS TO BE TAKEN ON SITE TO ENSURE THAT INSULATION DIRECTLY ABOVE AND BELOW THE G-TRAY CAVITY TRAY SYSTEM IS INSTALLED FULLY TO AVOID THE RISK OF COLD BRIDGES.

ALL WALLS TO MEET THE REQUIREMENTS OF BUILDING REGULATIONS REGARDING ACOUSTICS, FIRE RESISTANCE ETC. ALL CONSTRUCTED IN STRICT ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. EXTERNAL WALLS TO COMPLY WITH NHBC STANDARDS CHAPTER 6.1 & 6.10 FLOORS TO COMPLY WITH NHBC STANDARDS CHAPTER 6.4 INTERNAL WALLS TO COMPLY WITH NHBC STANDARDS CHAPTER 6.3.

100mm EOS SFS steel studs, shown indicatively only, to be installed to specialist manufacturers design fully filled with 100mm Rockwool RWA45 slabs.

Proctor Procheck FR 200 fire retardant VCL (EuroClass B-s1, d0) fitted between metal studs & plasterboard, in strict accordance with manufacturer's instructions.

Plasterboard linings:
3 storey block - 2 layers 12.5mm GTEC db board.
9 storey block - Inner layer (room side) to 15mm GTEC Fire board, outer layer (EOS SFS side) to be 15mm GTEC db board.
All joints to be taped and staggered.

skirting to Client's specification

GTEC intumescent acoustic sealant

3mm IsoRubber Top bonded to insitu concrete slab with IsoBond adhesive.

12.5mm Siniat Weather Defence sheathing board (sheathing board to be adequately protected from weather during construction, in accordance with NHBC requirements) fixed in strict accordance to manufacturer's recommendations. 2-5mm gap to be provided around all boards, filled with GTEC Fire Rated silicone sealant.

125mm Rockwool Duo slab insulation with Tyvek FireCurd Housewrap flame retardant breather membrane (EuroClass B-s1, d0) behind.

G-Tray stainless steel cavity tray system with weep holes (weephole - 10mm dia. hole left open) at 900 centres maximum. Joints between cavity trays to be sealed with fire retardant mastic. Cavity tray and sealant to be installed in strict accordance of cavity tray manufacturer's instructions. Wall ties to be provided above and below stainless steel cavity trays in strict accordance with Structural Engineer's requirements.

Cortex 0500FR fire retardant membrane (EuroClass B-s3, d0) at junction between sheathing board and concrete, bonded in place with Cortex 0771FR paste adhesive.

75mm Rockwool SP60 Firestop system with Rockwool SP fixing bracket. 60 mins FR. Cortex 0500FR membrane (EuroClass B-s3, d0) to be installed between firestop and brickwork, held in place by compression of Firestop against brickwork. Care is to be taken to ensure that the membrane fully protects the fire barrier from moisture from the brickwork and cavity above. ACS brick support angle can penetrate SP Firestop to max. 50%.

Brick support angle to Structural Engineer's details and specification.

Weep holes (weepholes - 10mm dia hole left open) at 900 centres maximum above brick support angle.

10mm soft joint formed with closed cell foam and sealed with polysulphide mastic sealant, colour to match mortar colour.

MVHR intake/outlet vent, where applicable, shown dotted for clarity. Refer to drawing 690 for further details.

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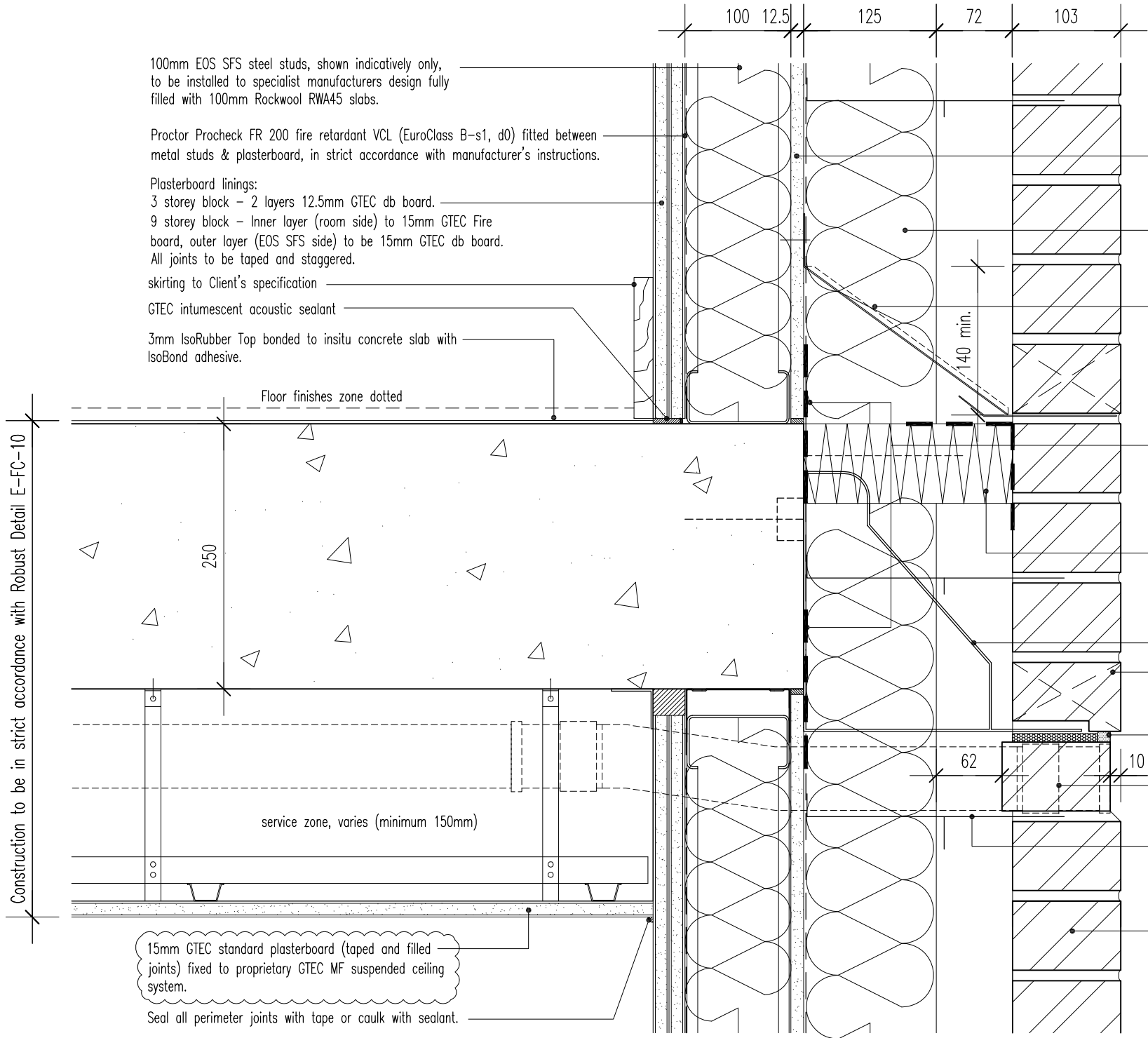
103mm facing brickwork as specified. Refer to client's materials schedule and elevations for different colours of brickwork.

NOTE:
This drawing is subject to full consultant team comments, NHBC approval, sub-contractor comments and Client approval. Any works carried out on site based on the information shown is subject to BHNH's own risk.

Bellway

FURTHER TO THE NOVEMBER 2018 AMENDMENTS TO 'APPROVED DOCUMENT B: FIRE SAFETY, VOLUME 2 - BUILDINGS OTHER THAN DWELLINGHOUSES', ALL MATERIALS WHICH BECOME PART OF AN EXTERNAL WALL, OR SPECIFIED ATTACHMENT, OF A RELEVANT BUILDING ARE TO MEET THE REQUIREMENTS OF EUROPEAN CLASSIFICATION A2-s1, d0 OR CLASS A1 UNLESS SPECIFICALLY NOTED AS EXEMPT WITHIN SAID AMENDMENT TO THE APPROVED DOCUMENT, OR WRITTEN APPROVAL HAS BEEN RECEIVED FROM NHBC FOR THEIR USE.

CONSTRUCTION TO BE FULLY IN ACCORDANCE WITH ALL CURRENT RELEVANT 'ACCREDITED CONSTRUCTION DETAILS' AND SIGNED OFF ON SITE BY SITE MANAGER/SUPERVISOR TO CONFIRM IT HAS BEEN CONSTRUCTED AS SUCH.



C1	17.02.20	JC	MPL	Ceiling spec updated to GTEC. Issued for construction.
T5	05.12.19	JC	MPL	Product specific information added for approval by NHBC.
T4	26.09.19	JC	MPL	Sheathing & plasterboard spec revised. Ductwork shown dotted.
T3	21.08.19	JC	MPL	Cavity tray and fire barriers amended.
T2	28.03.19	JC	MPL	Updated to latest client information

REV DATE AMEN APP REVISION

DRG. NO. 452-18012-604C1

SCALE. 1:5@A3 DATE. DEC 2018

DRAWN. MSC APPROVED. MPL
(APARTMENTS)

CLIENT. BELLWAY HOMES NORTH LONDON

PROJECT. BLUENOTE APARTMENTS
BLYTH ROAD, HAYES

DRAWING. WORKING DETAILS - SEPARATING FLOOR/
EXTERNAL WALL JUNCTION - WITH BRICK SUPPORT

A r c h i t e c t u s

A r c h i t e c t u r a l D e s i g n a n d T e c h n o l o g y

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