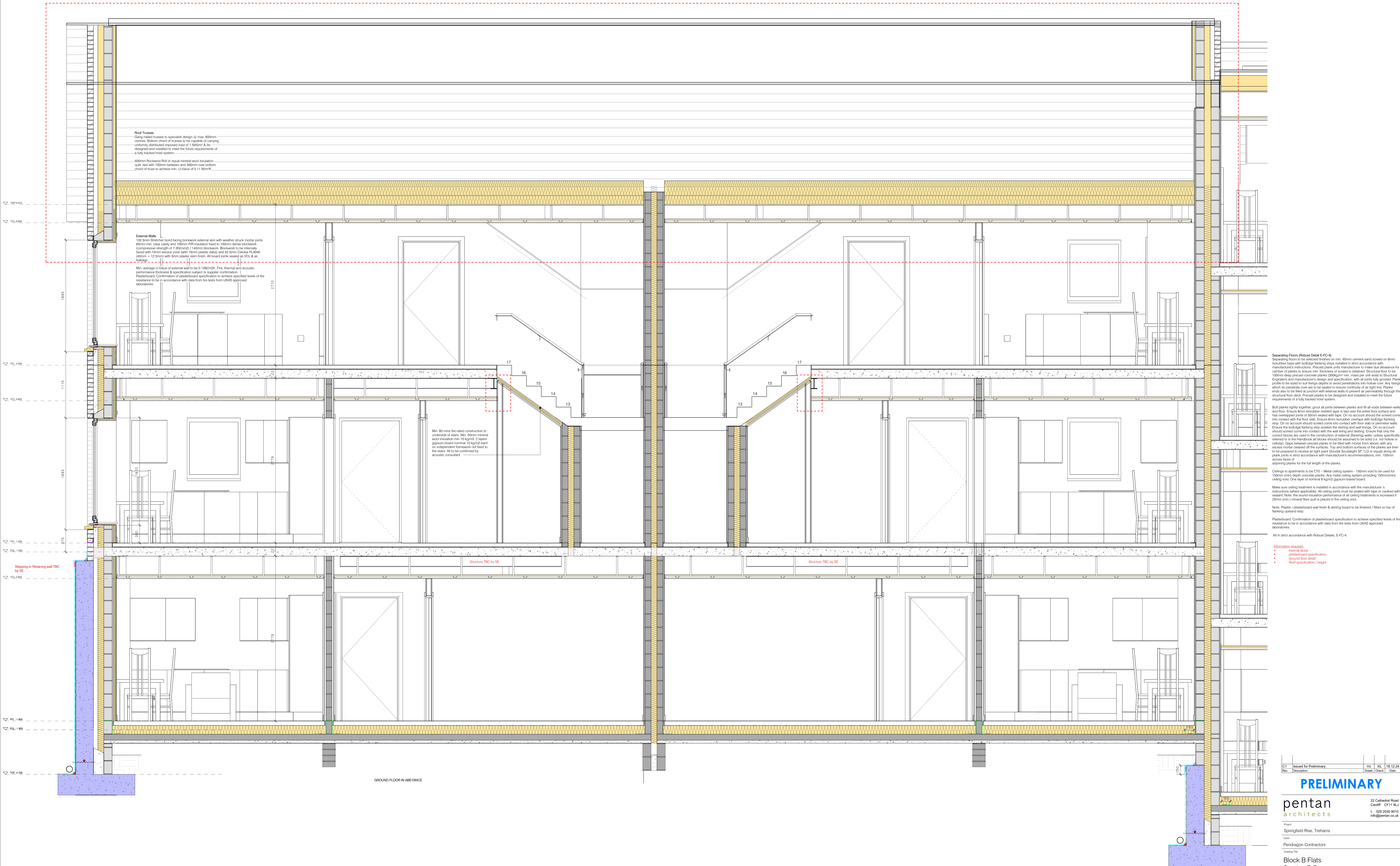


- Notes:
1. Drawings must not be scaled and any discrepancies must be reported immediately.
 2. The drawing is to be read in conjunction with all other relevant project drawings and schedules.
 3. Dimensions indicated are structural.
 4. Drawing must be printed in colour to ensure all elements are clearly identified.



All in strict accordance with Robust Details, E-FC-4.

Plasterboard: Confirmation of plasterboard specification to achieve specified levels of fire resistance to be in accordance with data from tests from UKAS approved laboratories.

Note: Plaster / plasterboard wall finish & skirting board to be finished / fitted on top of banking upward step.

Make sure ceiling treatment is installed in accordance with the manufacturer's instructions (where applicable). All ceiling joints must be sealed with tape or caulked with sealant. Note: the sound insulation performance of all ceiling treatments is increased if 25mm (min.) mineral fibre quilt is placed in the ceiling void.

Ceilings to apartments to be CTO - Metal ceiling system - 150mm void to be used for 150mm (min) depth concrete planks. Any metal ceiling system providing 150mm (min) ceiling void. One layer of nominal 8 kg/m² gypsum-based board.

Ensure the ionomizer resilient layer is laid over the entire floor surface and has overlapped joints of 50mm sealed with tape. On no account should the screed come into contact with the floor slab. Ensure 6mm ionomizer overlaps with 100mm flanking strip. On no account should screed come into contact with floor slab or perimeter walls.

Ensure the 100mm flanking strip isolates the skirting and wall linings. On no account should screed come into contact with the wall lining and skirting. Ensure that only the correct blocks are used in the construction of external (flanking) walls, unless specifically referred to in the Handbook all blocks should be assumed to be solid (i.e. not hollow or cellular). Gaps between precast planks to be filled with mortar from above, with any excess mortar cleaned off the surfaces. Top and bottom surfaces of the planks are then to be prepared to receive air tight joint (Should Straighten SP / LO in equal along all plank joints in strict accordance with manufacturer's recommendations, min. 150mm across faces of adjoining planks for the full length of the planks.

Butt planks tightly together, grout all joints between planks and fill all voids between walls and floor. Ensure 6mm ionomizer resilient layer is laid over the entire floor surface and has overlapped joints of 50mm sealed with tape. On no account should the screed come into contact with the floor slab. Ensure 6mm ionomizer overlaps with 100mm flanking strip. On no account should screed come into contact with floor slab or perimeter walls.

Separating Floor (Robust Detail E-FC-4)
Separating floors to be selected in accordance with min. 60mm cement sand screed on 6mm ionomizer base with 100mm flanking strips installed in strict accordance with manufacturer's instructions. Precast plank with manufacturer to make due allowance for center of planks to ensure min. thickness of screed is obtained. Structural floor to be 150mm deep precast concrete planks (200kg/m³ min. mass per unit area) to Structural Engineers and manufacturer's design and specification, with all joints fully grouted. Plank profiles to be fixed to wall lengths to prevent penetration into hollow core. Any hinges which do penetrate core are to be sealed to ensure continuity of air tight line. Planks ends also to be fixed at junction with external walls to prevent air permeability through the structural floor deck. Precast planks to be designed and installed to meet the future requirements of a fully tracked hoist system.

Min. average U-Value of external wall to be 0.13W/m²K. Fire, thermal and acoustic performance thickness & specification subject to supplier confirmation. Plasterboard: Confirmation of plasterboard specification to achieve specified levels of fire resistance to be in accordance with data from tests from UKAS approved laboratories.

External Walls
102.5mm breacher board facing brickwork external skin with weather churr mortar joints, 80mm min. clear cavity and 100mm PIR insulation fixed to 100mm dense blockwork compressive strength of 24N/mm², 1.00mm blockwork, Blockwork to be internally faced with 15mm service zone (with 15mm plaster dab) and 52.5mm Celotex FL4040 (40mm + 12.5mm) with 3mm plaster skim finish. All board joints sealed as VOC & air tight.

Roof Trusses
Gang nailed trusses to specialist design @ max. 600mm centres. Bottom chord of trusses to be capable of carrying uniformly distributed imposed load of 1.5kN/m² & be designed and installed to meet the future requirements of a fully tracked hoist system.

Notes:

1. Drawings must not be scaled and any discrepancies must be reported immediately.
2. The drawing is to be read in conjunction with all other relevant project drawings and schedules.
3. Dimensions indicated are structural.
4. Drawing must be printed in colour to ensure all elements are clearly identified.

C1	Issued for Preliminary	HJ	KL	18.12.24
Rev.	Description	Drawn	Check	Date

PRELIMINARY

pentan
architects

22 Cathedral Road
Cardiff, CF11 6LJ
t. 029 2030 9010
info@pentan.co.uk

Project
Springfield Rise, Trehamis

Client
Pendragon Contractors

Drawing Title
Block B Flats
Section F-F

Job No.	Orig	Zone	Level	Type	Role	Description	Status	Rev.
4159	PEN	ZZ	ZZ	DR	A	2421	S3	C1

Scale
1 : 20

Date
Dec 24

NOTES: Do not scale. All dimensions are in millimetres unless stated otherwise.