

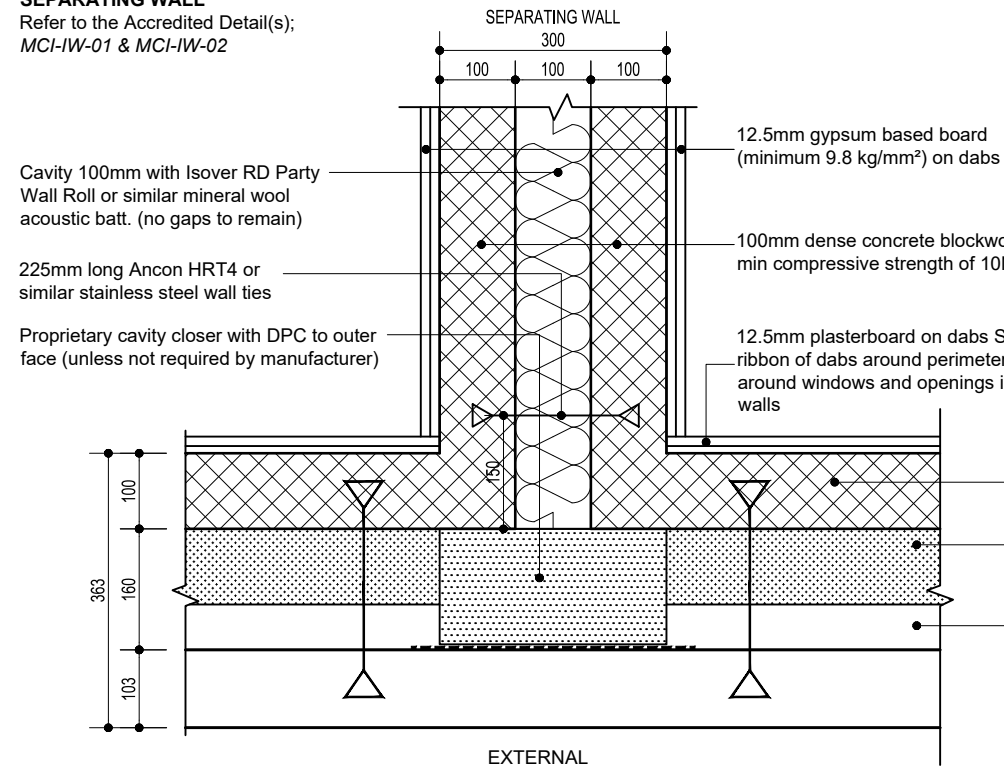
# APARTMENT DETAILS

ENSURE MORTAR COMPLETELY FILLS EACH JOINT

**ACCREDITED DETAILS**

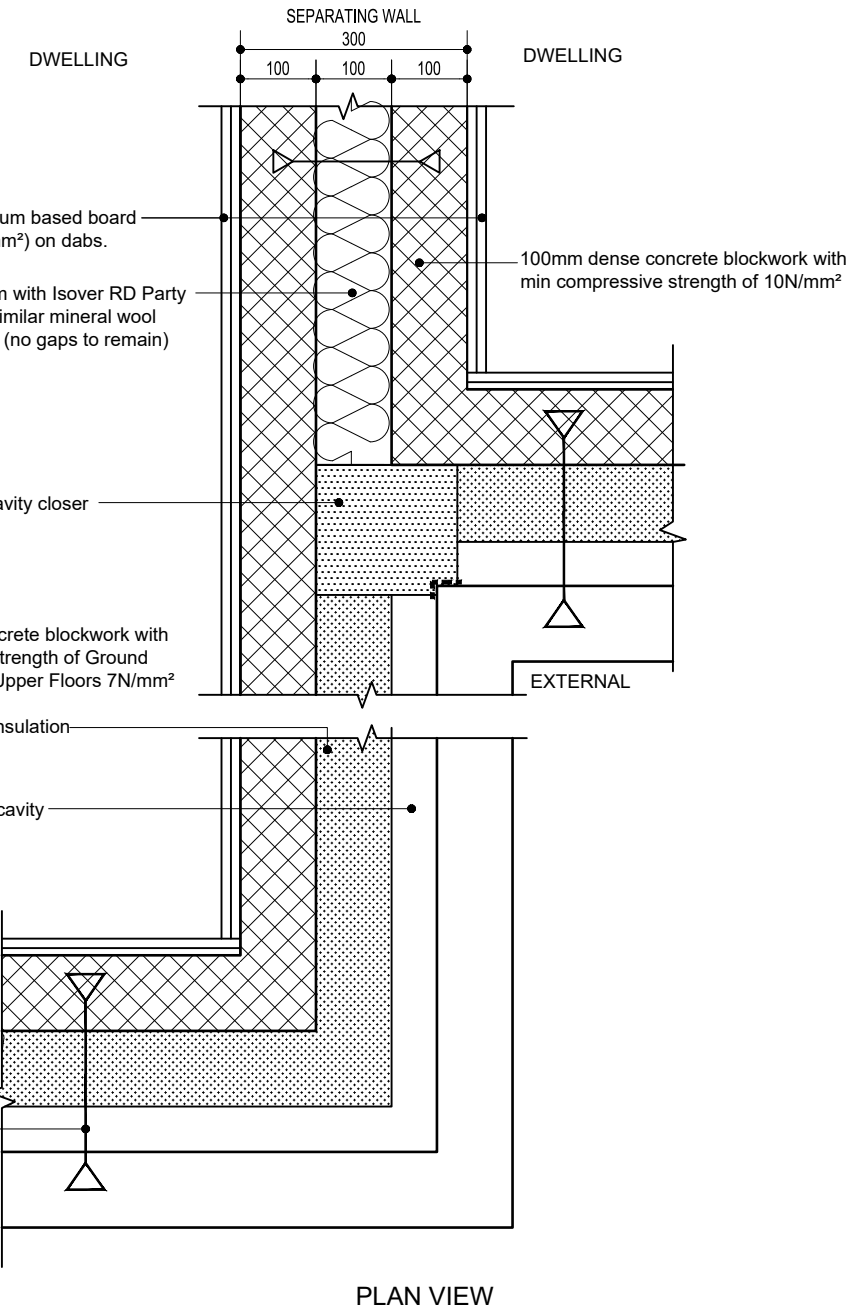
**SEPARATING WALL**

Refer to the Accredited Detail(s);  
MCI-IW-01 & MCI-IW-02



**PLAN VIEW**

**NOTE.**  
Compressible movement joint material to be either flexible monocellular polyethylene, monocellular polyurethane, or monocellular foam rubber. All to be installed and jointed in accordance with the manufacturer's instructions. The use of impregnated fibre board is NOT acceptable as a joint filler.



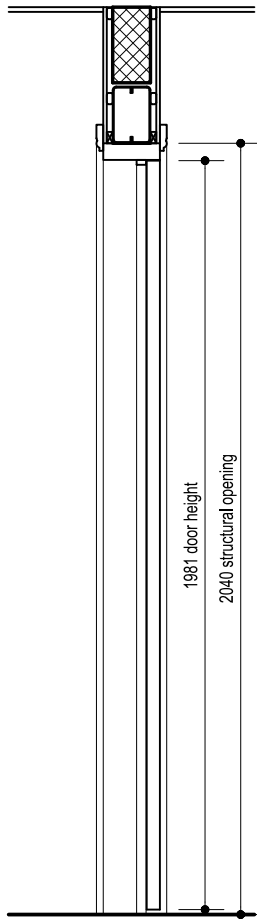
**PLAN VIEW**



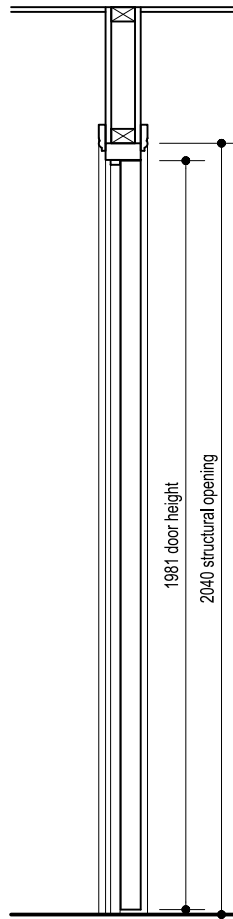
Project No. 1839

HERBERT ROAD, NEWPORT

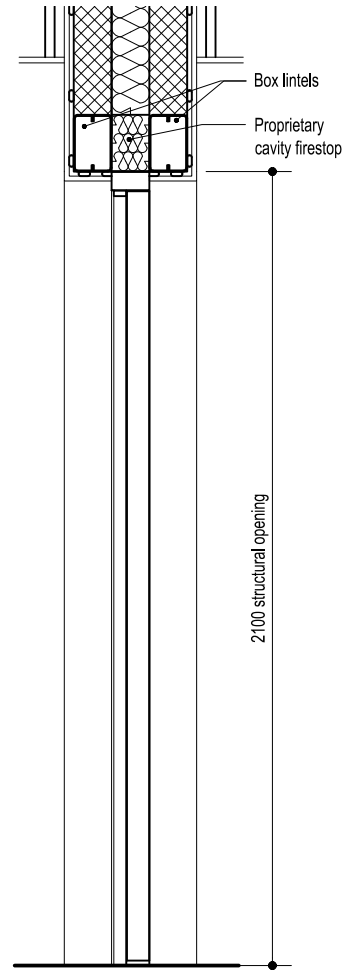
# APARTMENT DETAILS



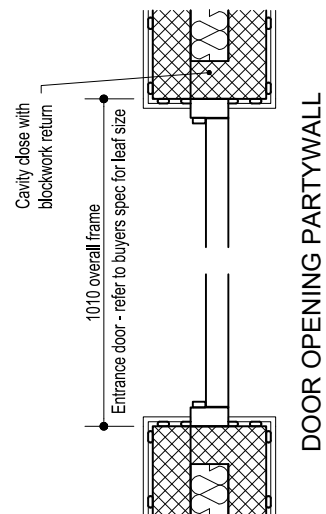
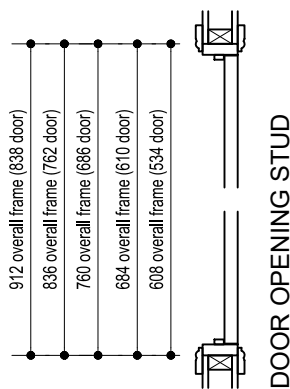
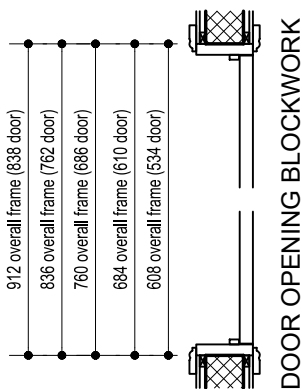
DOOR SECTION  
100mm BLOCKWORK



DOOR SECTION  
63mm STUD



DOOR SECTION  
300mm PARTYWALL



## A-C1: INTERNAL DOOR SIZES

Issue: November 2018

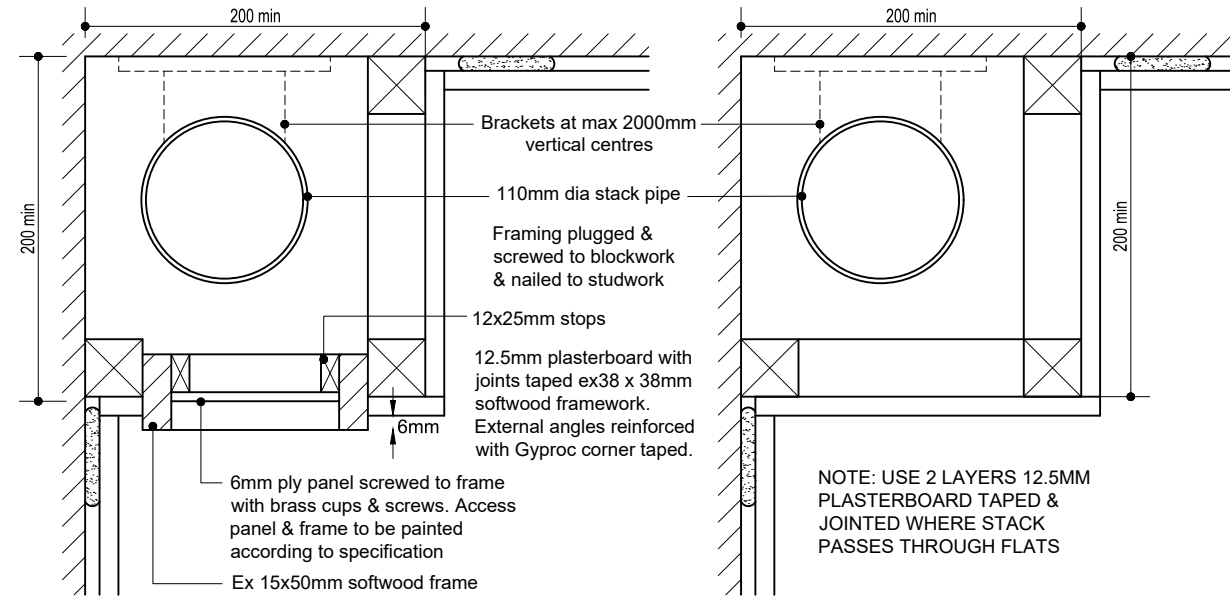
Revision: A

Scale - 1:20

Project No. 1839

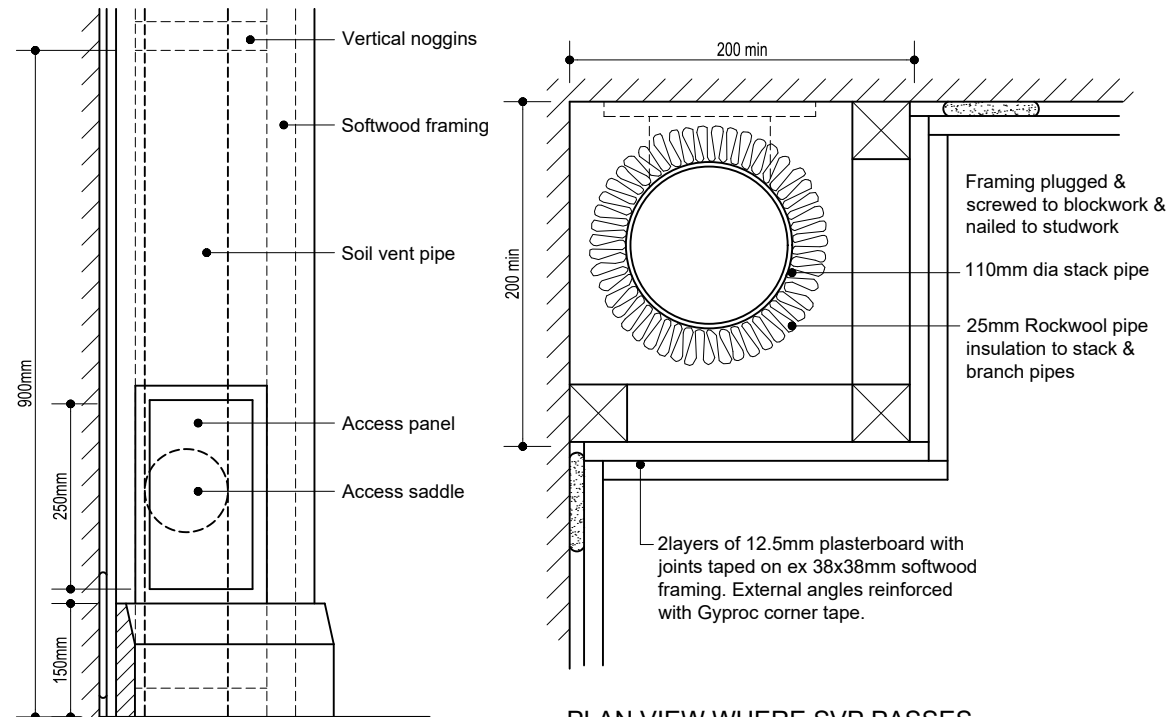
HERBERT ROAD, NEWPORT

# APARTMENT DETAILS



ACCESS PANEL WHERE SPECIFIED

PLAN VIEW WHERE SVP PASSES THROUGH KITCHEN OR BATHROOM



TYPICAL ELEVATION

PLAN VIEW WHERE SVP PASSES THROUGH LIVING ROOM OR BEDROOM



## A-C2: SVP BOXING

Issue: November 2018

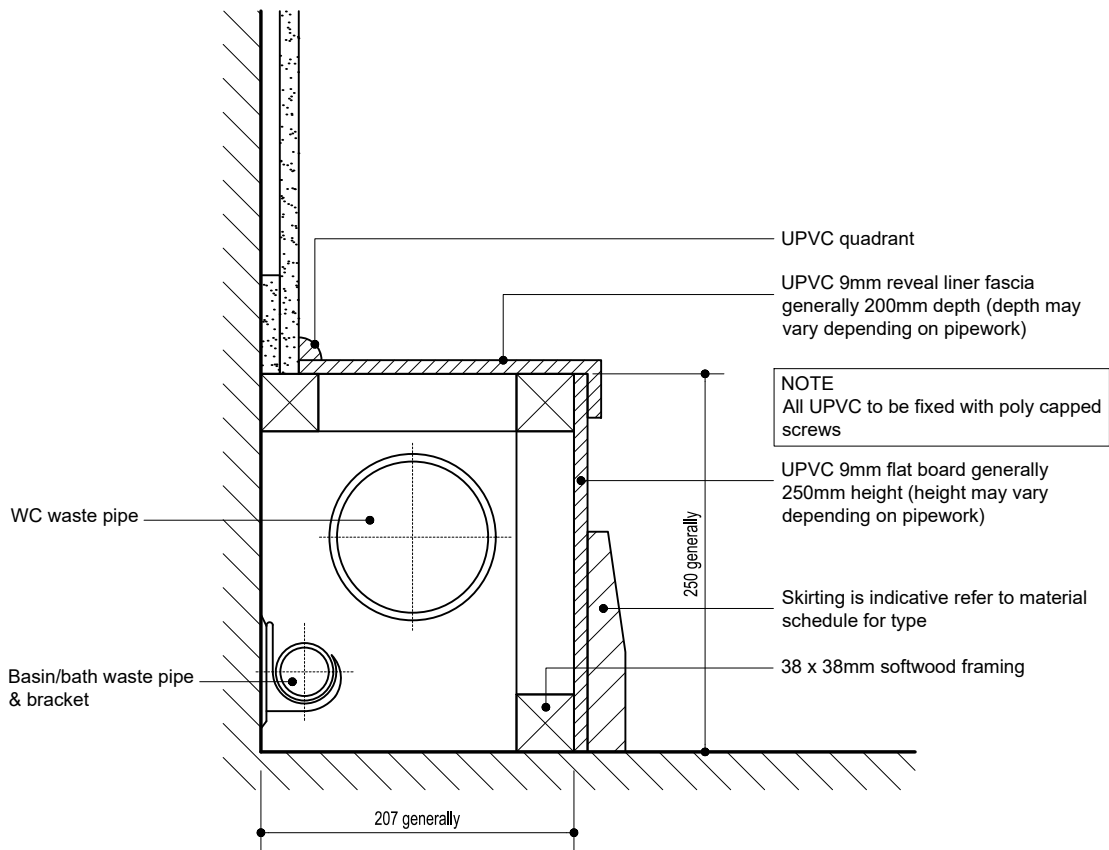
Revision: .

Scale - 1:5

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HERBERT ROAD, NEWPORT

# APARTMENT DETAILS



## A-C3: LOW LEVEL BOXING

Issue: November 2018

Revision: .

Scale - 1:5

# APARTMENT DETAILS



DRAWING TO BE READ IN CONJUNCTION WITH APPROVED DOCUMENT N1 (WALES ) AND K4 (ENGLAND)

**SAFETY GLAZING**

Safety glazing to be provided to critical locations which can:  
 - if broken on impact, break so that the dangers of injury are minimised (i.e. break safely)  
 - resist impact without breaking  
 - be protected or shielded from impact

**CRITICAL LOCATION**

Locations considered critical in terms of safety are;  
 a) between finished floor level and 800mm above that level in internal, external walls and partitions  
 b) between finished floor level and 1500mm above the level in a door or side panel, within 300mm of either edge of the door.

**POSSIBLE SOLUTIONS**

Safety Breakage  
 From BS 6206: 1981- *Specification for impact performance requirements for flat safety glass and safety plastics for use in*

*buildings* - Clause 5.3, based on an impact test carried out resulting with the test material to remain unbroken or limited to one of the following:  
 a) a small clear opening, with limited size of detached particles; or  
 b) disintegration, providing the detached particles are of small size; or  
 c) breakage resulting in small particles which are not sharp or pointed.

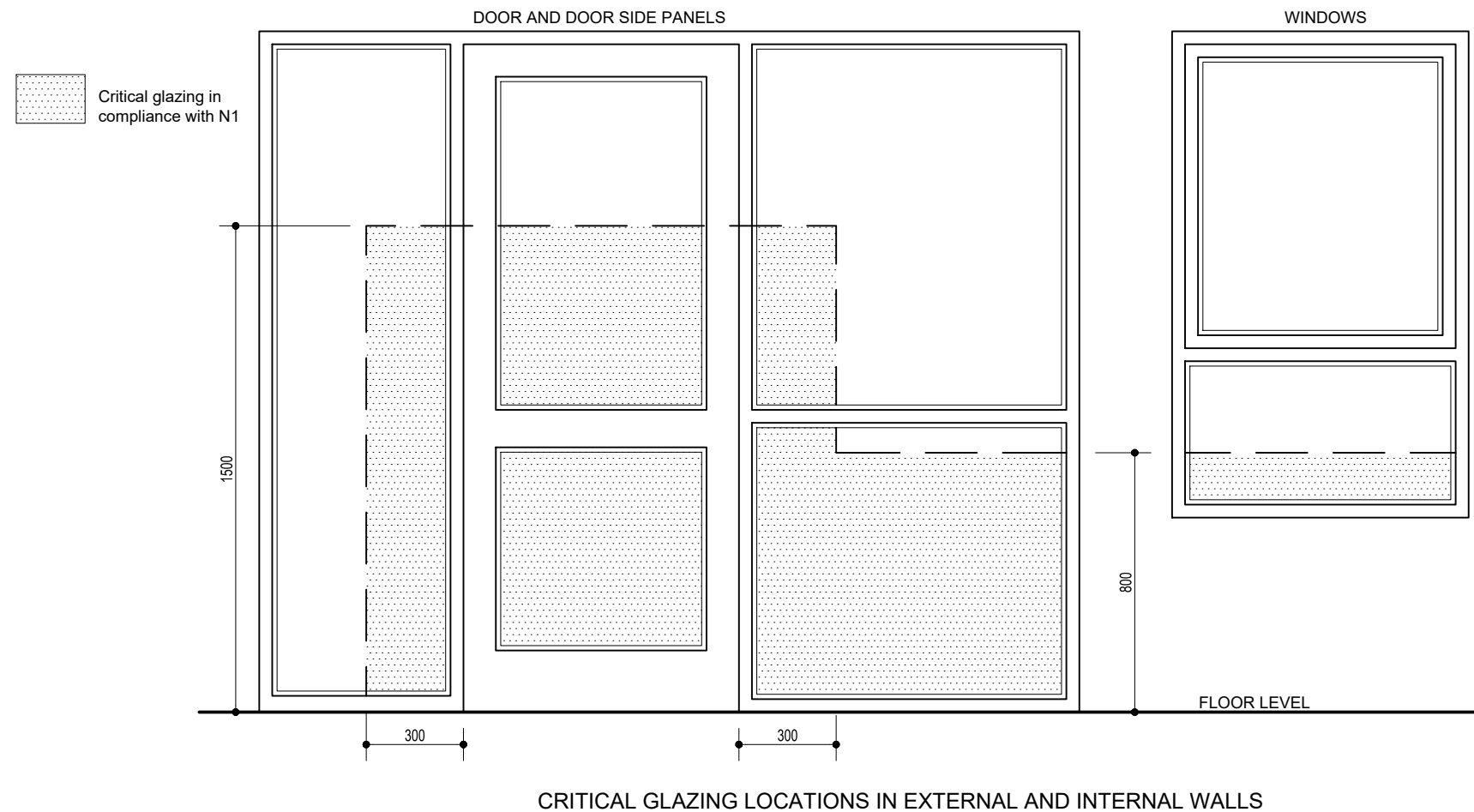
For Safe Breakage, a glazing material suitable for installation in a Critical Location would satisfy the Requirements of Class C of BS 6206 or, if it is installed in a door or in a door side panel and has a pane width exceeding 900mm, the Requirements of Class B of BS 6206.

**Robust Glazing**

Robustness relates to the strength of the glazing material. Annealed glass, gains strength through thickness; others such as polycarbonates or glass blocks are inherently strong. Refer to Wales AD N1 Dia 2 or England AD K4 Dia 5.2 for dimensions of glazed areas and required thickness, in annealed glass for use in large areas to shop fronts, showrooms, offices, factories and public buildings.

**Small panes**

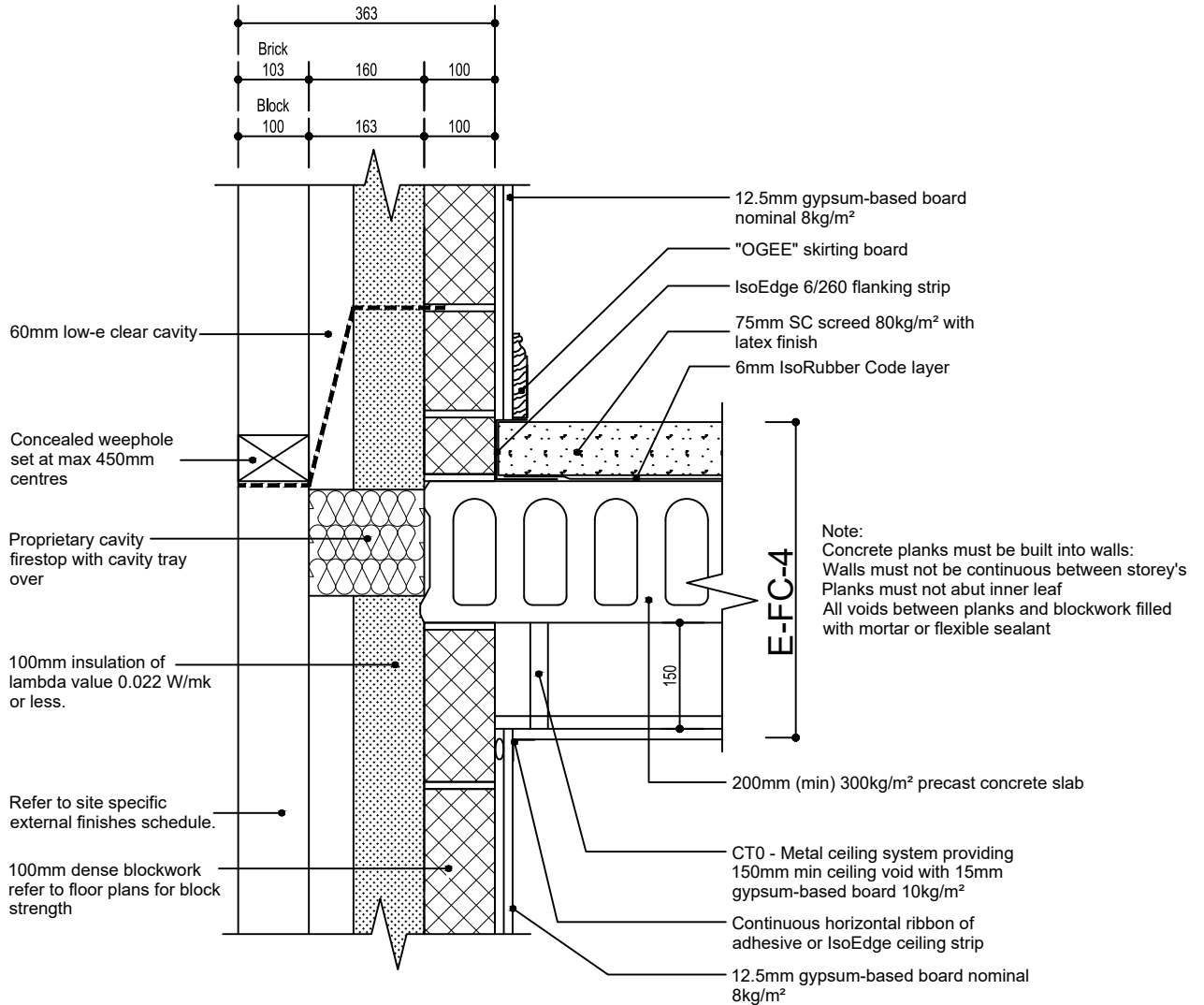
- Maximum area for a single pane in 0.5m<sup>2</sup>.
- Small panes of annealed glass to be not less than 6mm thick.
- Small panes should have a max width of 250mm



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# APARTMENT DETAILS



## A-F1: SEPARATING FLOOR / EXTERNAL WALL

Issue: November 2018

Revision: .

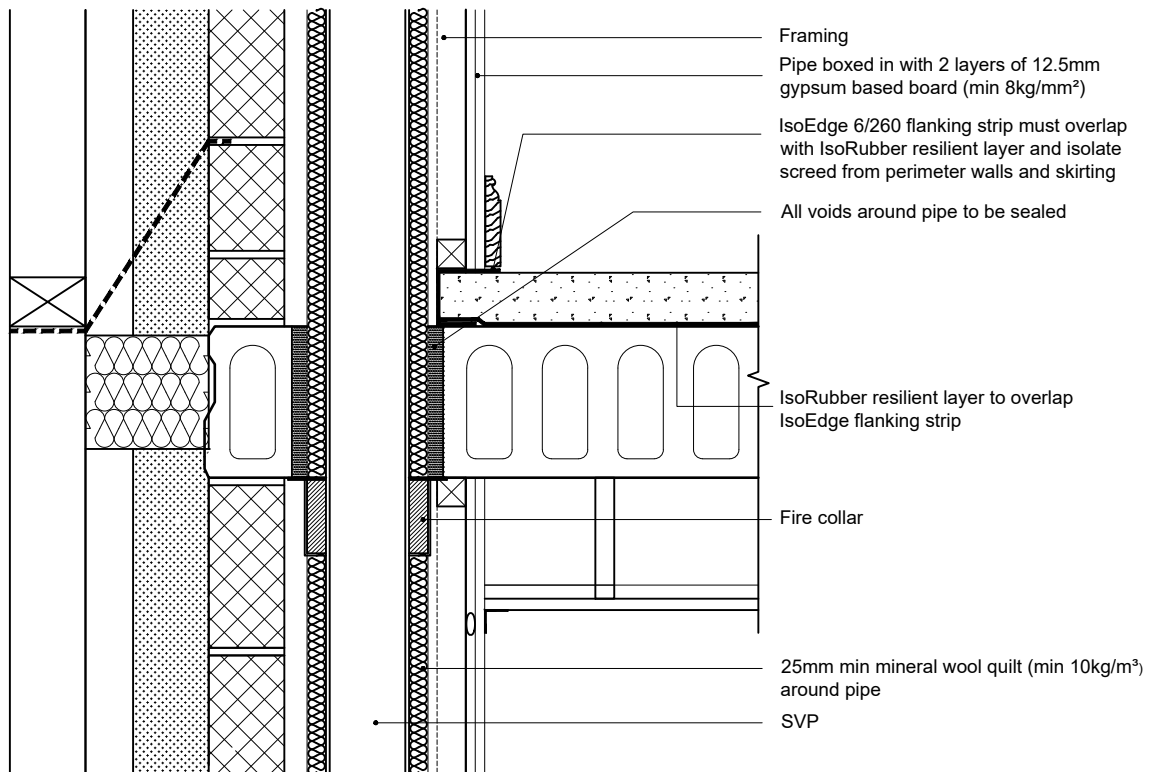
Scale - 1:10



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# APARTMENT DETAILS



## **A-F3: SERVICE PIPES THROUGH SEPARATING FLOOR**

Issue: November 2018

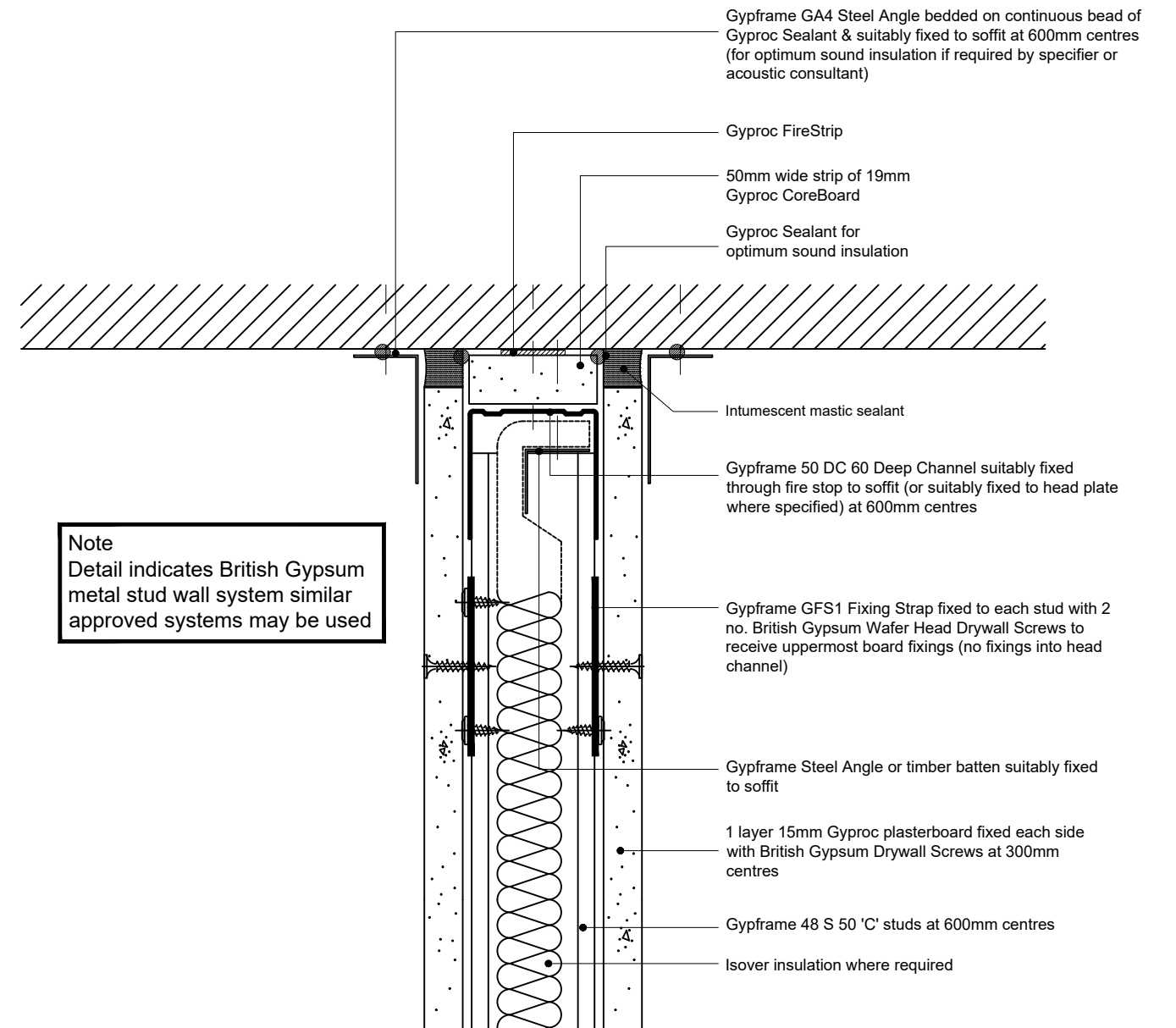
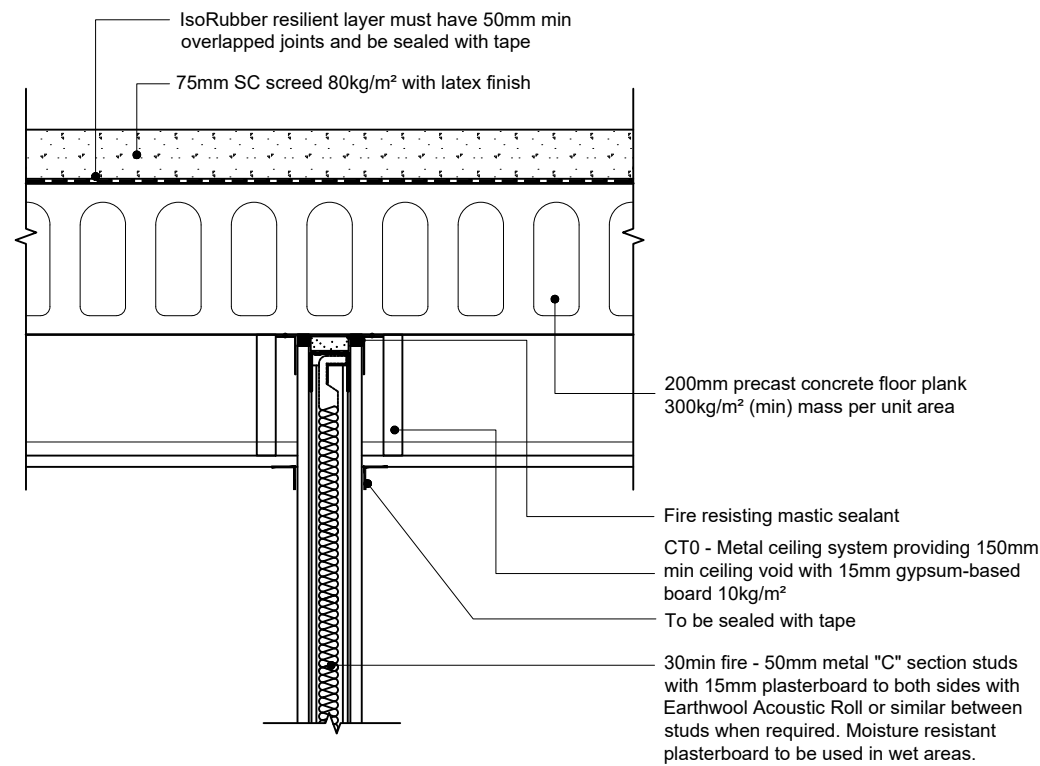
Revision: .

**Scale - 1:10**

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# APARTMENT DETAILS



Note  
Detail indicates British Gypsum metal stud wall system similar approved systems may be used

## Deflection Head

15mm Downward Movement & 30 or 60 Minutes Fire Resistance (Subject to Plasterboard Type)



## A-F4: NON LOAD BEARING WALL / SEPARATING FLOOR JUNCTION

Issue: November 2018

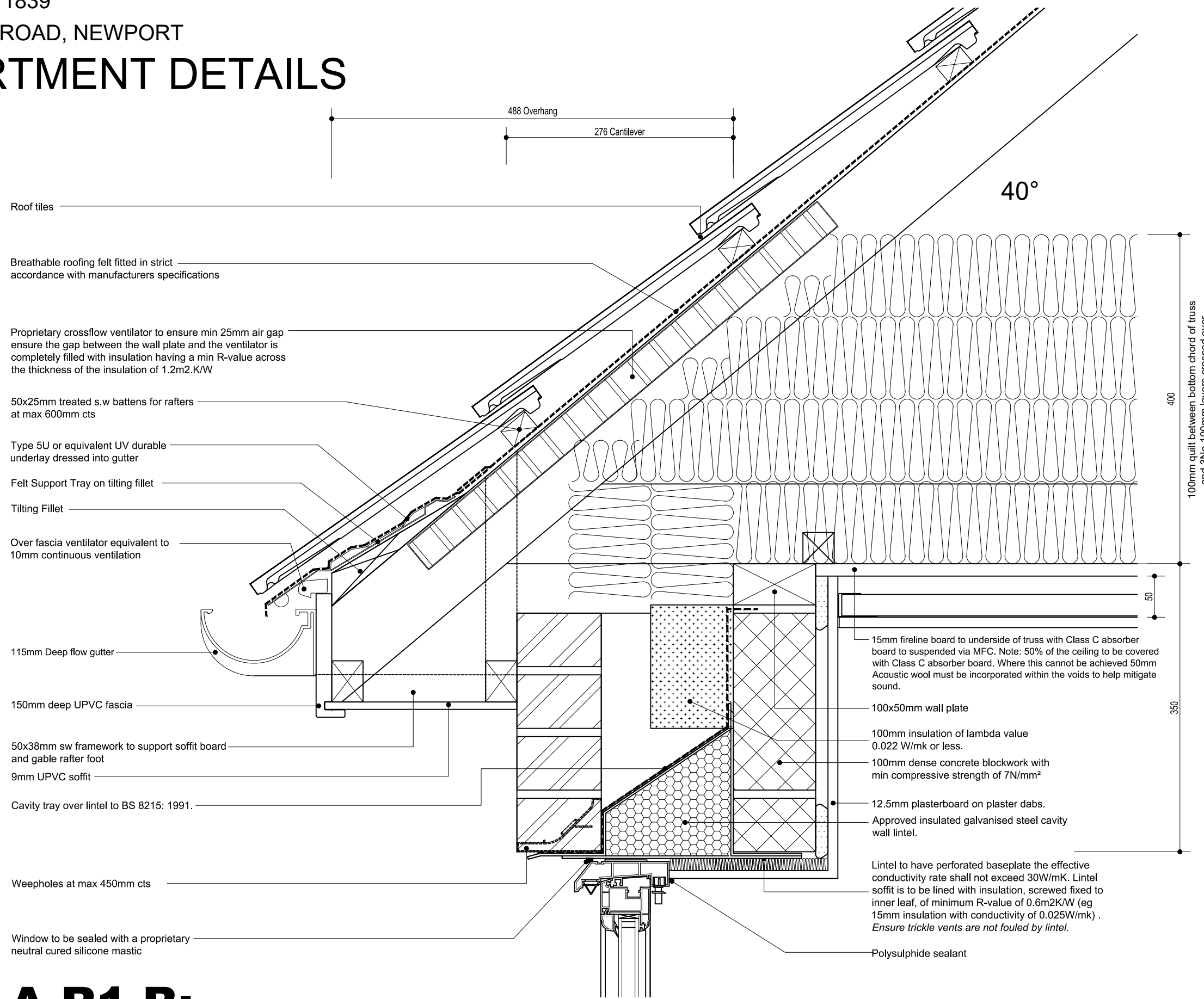
Revision: .

Scale - 1:5 & 10

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# APARTMENT DETAILS



Roof tiles

Breathable roofing felt fitted in strict accordance with manufacturers specifications

Proprietary crossflow ventilator to ensure min 25mm air gap ensure the gap between the wall plate and the ventilator is completely filled with insulation having a min R-value across the thickness of the insulation of 1.2m².K/W

50x25mm treated s.w battens for rafters at max 600mm cts

Type 5U or equivalent UV durable underlay dressed into gutter

Felt Support Tray on tilting fillet

Tilting Fillet

Over fascia ventilator equivalent to 10mm continuous ventilation

115mm Deep flow gutter

150mm deep UPVC fascia

50x38mm sw framework to support soffit board and gable rafter foot

9mm UPVC soffit

Cavity tray over lintel to BS 8215: 1991.

Weepholes at max 450mm cts

Window to be sealed with a proprietary neutral cured silicone mastic

40°

100mm quilt between bottom chord of truss and 3No. 100mm layers crossed over.

50

350

15mm fireline board to underside of truss with Class C absorber board to suspended via MFC. Note: 50% of the ceiling to be covered with Class C absorber board. Where this cannot be achieved 50mm Acoustic wool must be incorporated within the voids to help mitigate sound.

100x50mm wall plate

100mm insulation of lambda value 0.022 W/mk or less.

100mm dense concrete blockwork with min compressive strength of 7N/mm²

12.5mm plasterboard on plaster dabs.

Approved insulated galvanised steel cavity wall lintel.

Lintel to have perforated baseplate the effective conductivity rate shall not exceed 30W/mK. Lintel soffit is to be lined with insulation, screwed fixed to inner leaf, of minimum R-value of 0.6m²K/W (eg 15mm insulation with conductivity of 0.025W/mk). Ensure trickle vents are not fouled by lintel.

Polysulphide sealant



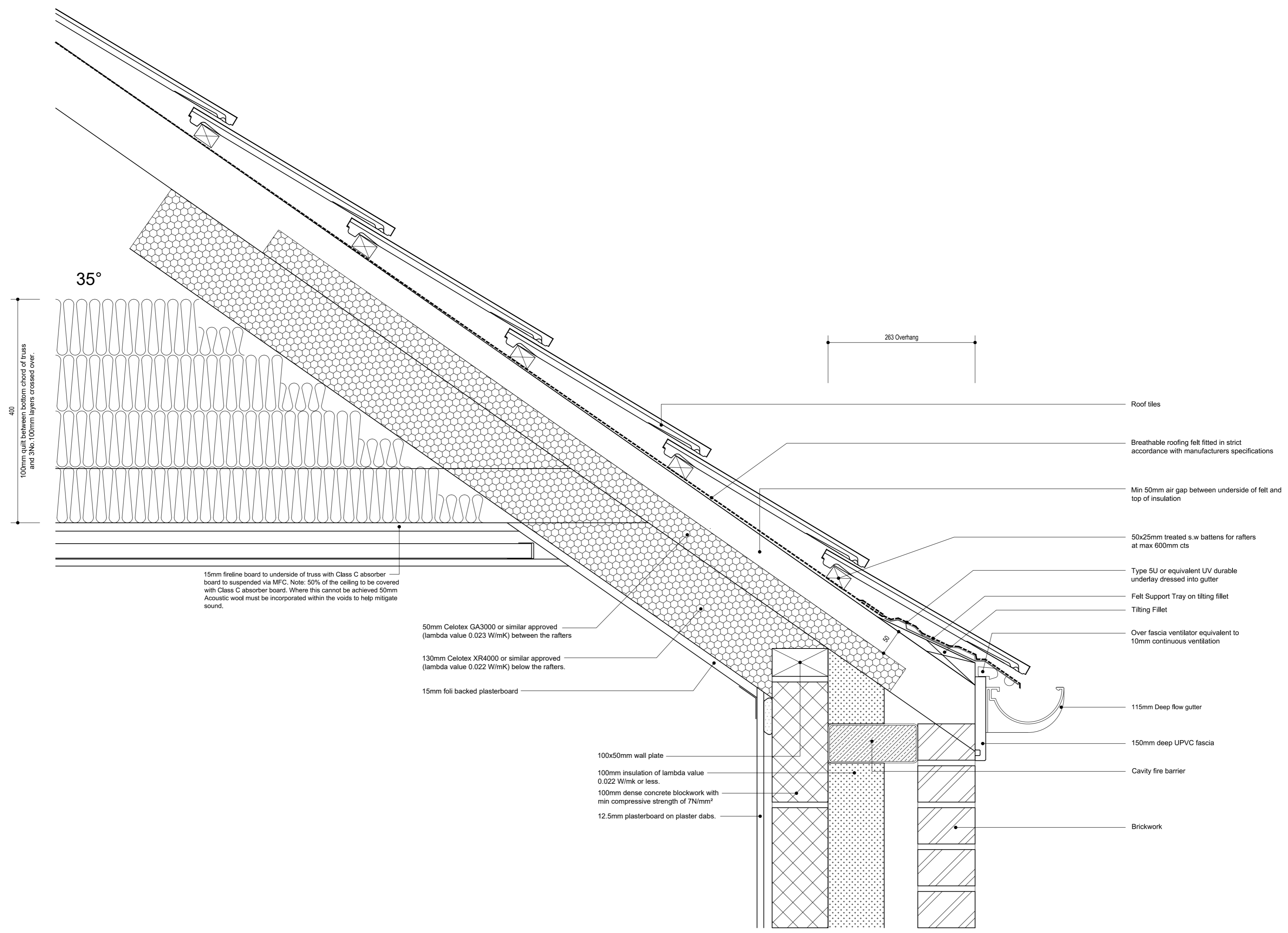
## A-R1-B: 40 DEG BOXED EAVES - BRICKWORK

Issue: November 2018

Revision: .

Scale - 1:5





15mm fireline board to underside of truss with Class C absorber board to suspended via MFC. Note: 50% of the ceiling to be covered with Class C absorber board. Where this cannot be achieved 50mm Acoustic wool must be incorporated within the voids to help mitigate sound.

50mm Celotex GA3000 or similar approved (lambda value 0.023 W/mK) between the rafters

130mm Celotex XR4000 or similar approved (lambda value 0.022 W/mK) below the rafters.

15mm foil backed plasterboard

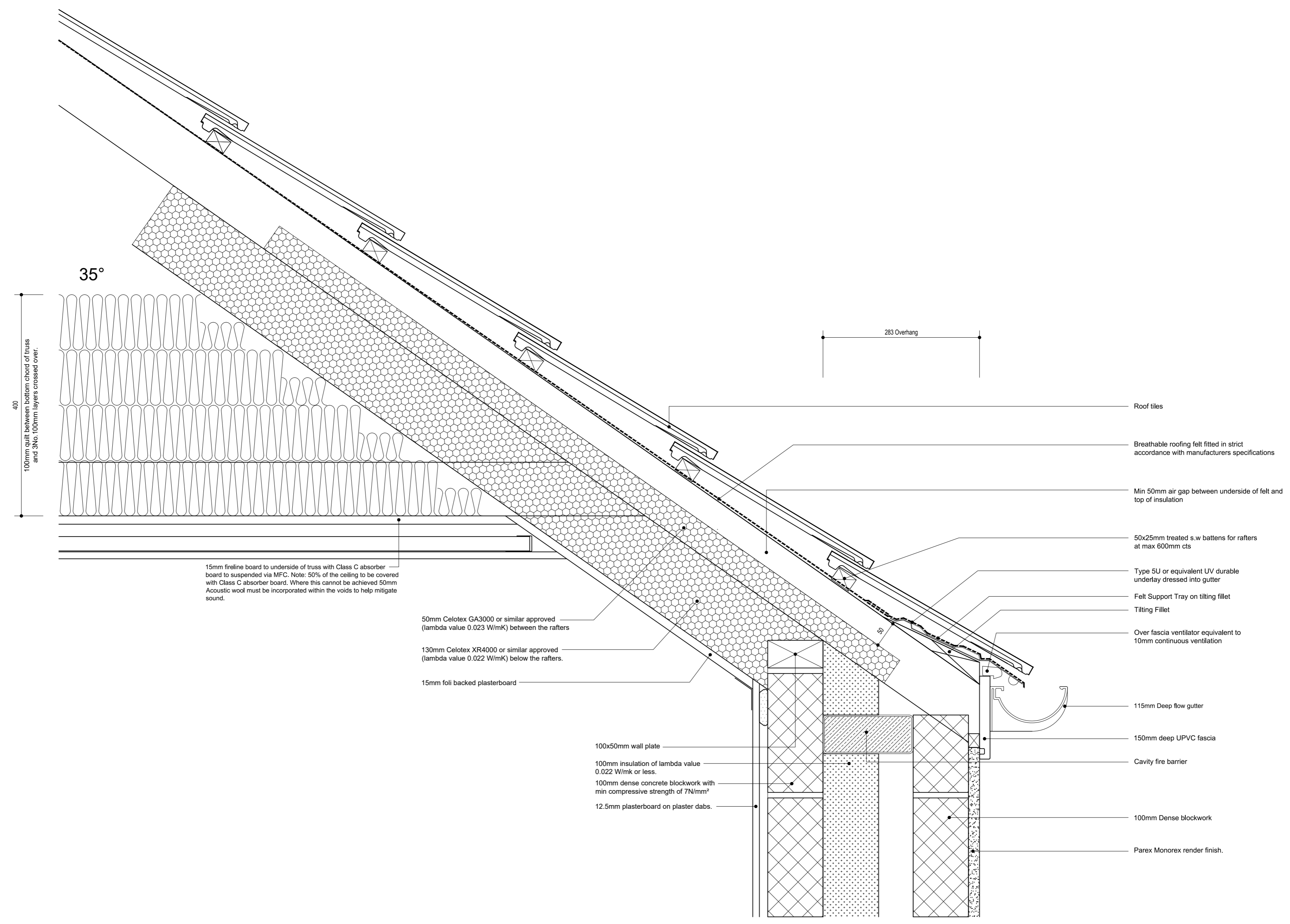
100x50mm wall plate

100mm insulation of lambda value 0.022 W/mk or less.

100mm dense concrete blockwork with min compressive strength of 7N/mm<sup>2</sup>

12.5mm plasterboard on plaster dabs.

- Roof tiles
- Breathable roofing felt fitted in strict accordance with manufacturers specifications
- Min 50mm air gap between underside of felt and top of insulation
- 50x25mm treated s.w battens for rafters at max 600mm cts
- Type 5U or equivalent UV durable underlay dressed into gutter
- Felt Support Tray on tilting fillet
- Tilting Fillet
- Over fascia ventilator equivalent to 10mm continuous ventilation
- 115mm Deep flow gutter
- 150mm deep UPVC fascia
- Cavity fire barrier
- Brickwork



400  
 100mm quilt between bottom chord of truss and 3No. 100mm layers crossed over.

35°

283 Overhang

15mm fireline board to underside of truss with Class C absorber board to suspended via MFC. Note: 50% of the ceiling to be covered with Class C absorber board. Where this cannot be achieved 50mm Acoustic wool must be incorporated within the voids to help mitigate sound.

50mm Celotex GA3000 or similar approved (lambda value 0.023 W/mK) between the rafters  
 130mm Celotex XR4000 or similar approved (lambda value 0.022 W/mK) below the rafters.  
 15mm foli backed plasterboard

100x50mm wall plate  
 100mm insulation of lambda value 0.022 W/mk or less.  
 100mm dense concrete blockwork with min compressive strength of 7N/mm<sup>2</sup>  
 12.5mm plasterboard on plaster dabs.

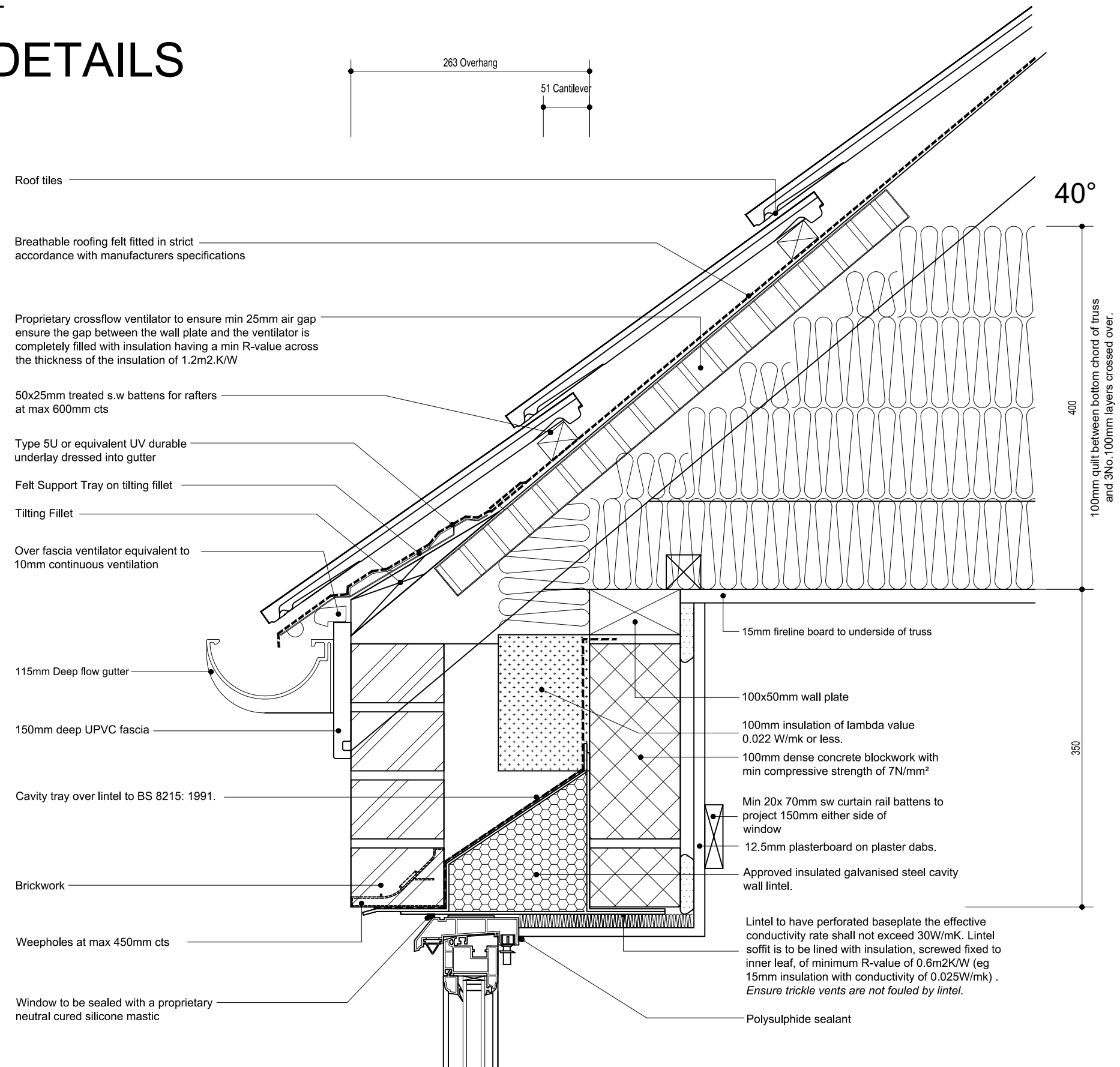
Roof tiles  
 Breathable roofing felt fitted in strict accordance with manufacturers specifications  
 Min 50mm air gap between underside of felt and top of insulation  
 50x25mm treated s.w battens for rafters at max 600mm cts  
 Type 5U or equivalent UV durable underlay dressed into gutter  
 Felt Support Tray on tilting fillet  
 Tilting Fillet  
 Over fascia ventilator equivalent to 10mm continuous ventilation  
 115mm Deep flow gutter  
 150mm deep UPVC fascia  
 Cavity fire barrier  
 100mm Dense blockwork  
 Parex Monorex render finish.



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# APARTMENT DETAILS



## A-R3-B: 40 DEG CLIPPED EAVES - BRICKWORK

Issue: November 2018

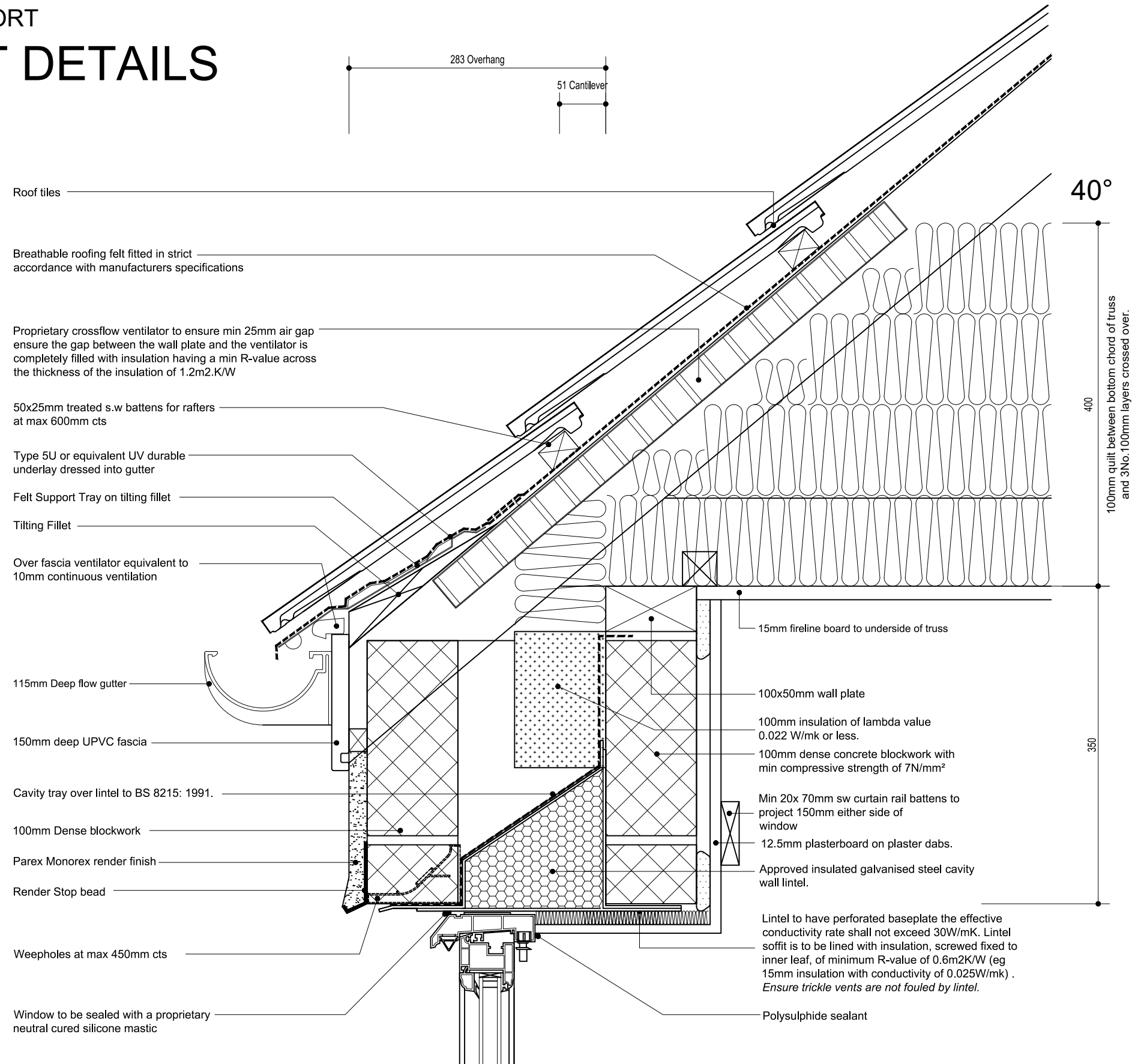
Revision: .

Scale - 1:5

Project No. 1839

HERBERT ROAD, NEWPORT

# APARTMENT DETAILS



## A-R3-R: 40 DEG CLIPPED EAVES - RENDER

Issue: November 2018

Revision: .

Scale - 1:5