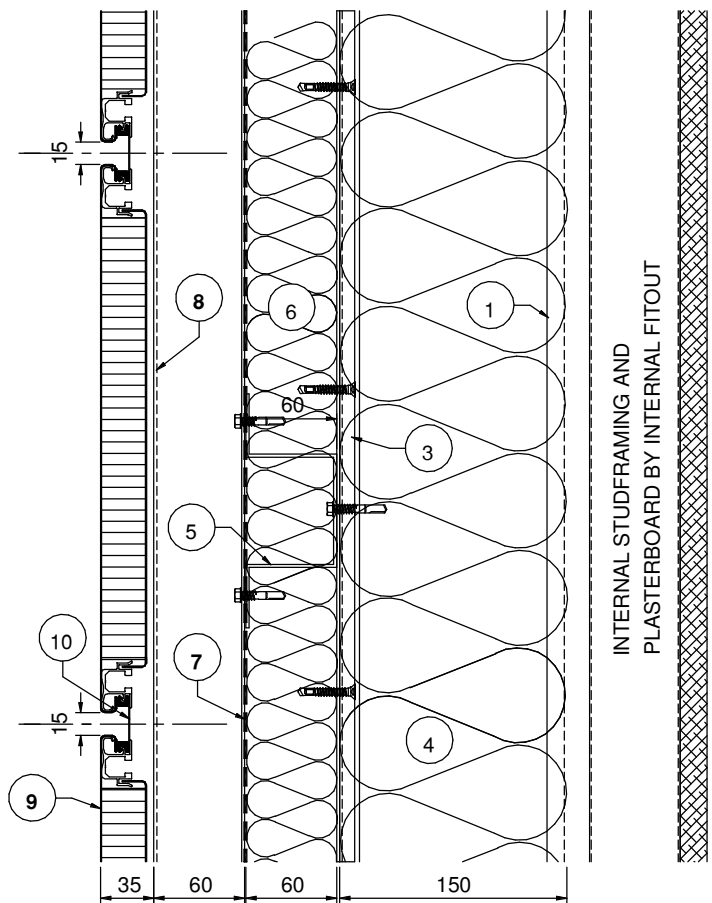
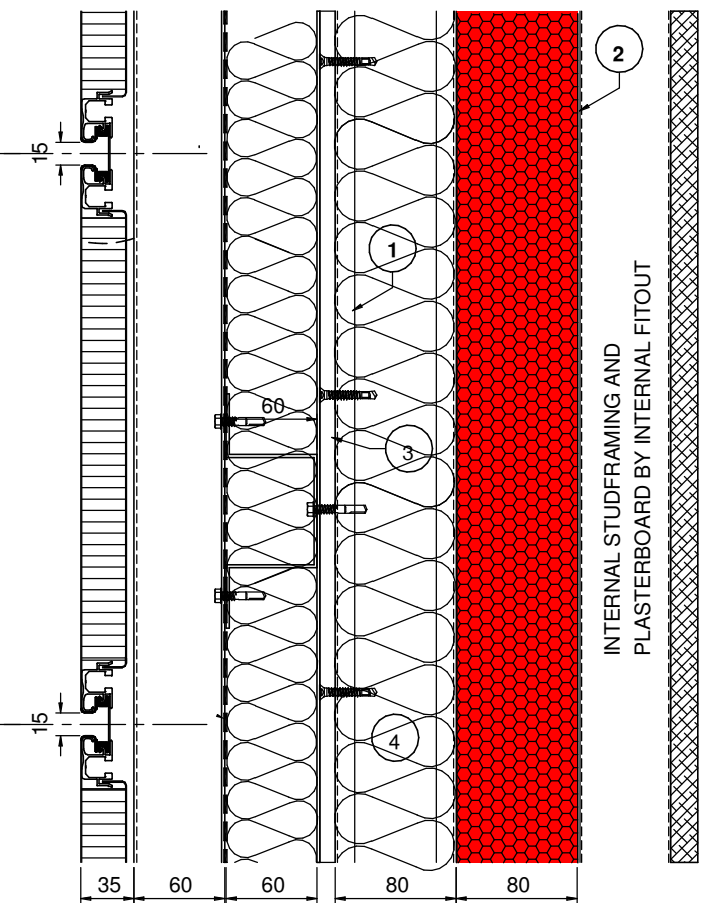


Typical Rainscreen Build Up
1 : 5



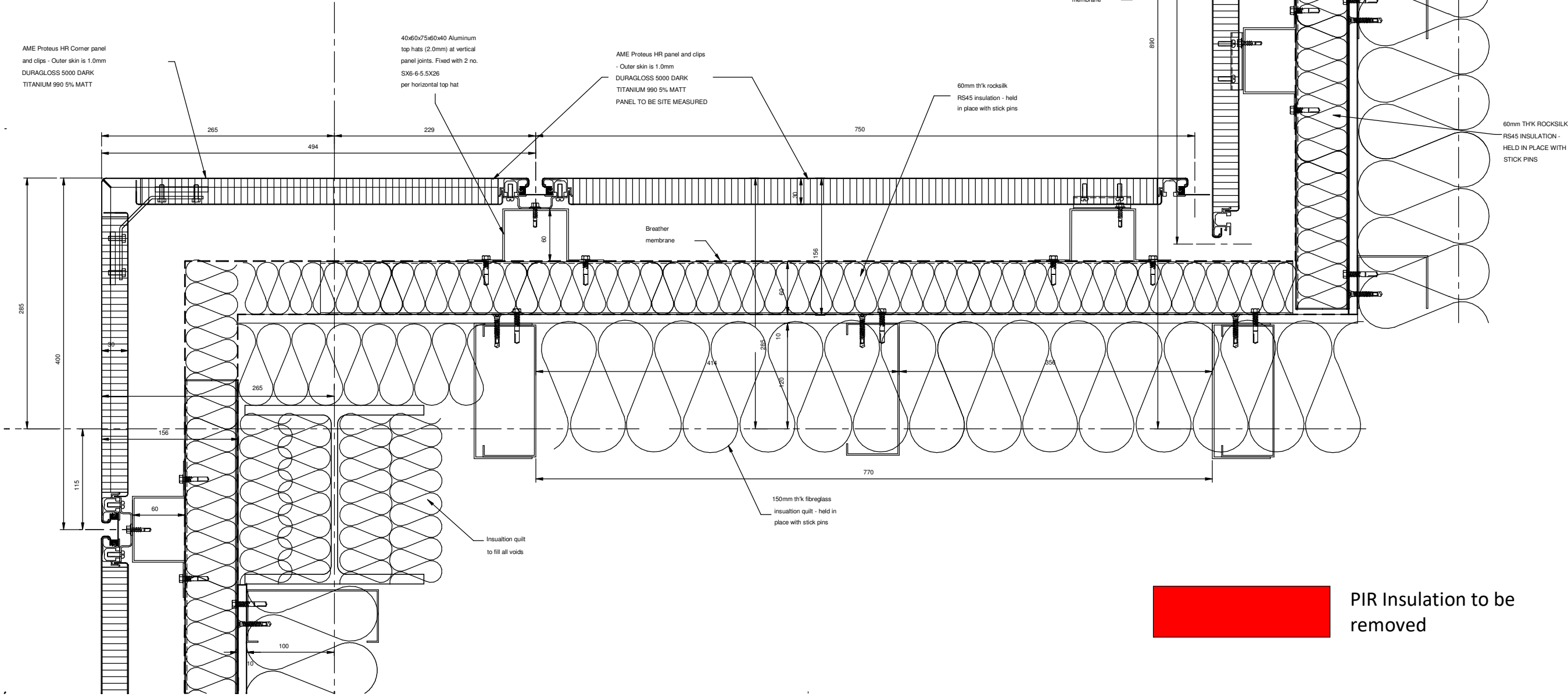
- 1- Metsec Stud Framing System.
- 2 - 2mm thick 140mm wide galvanised fixing plate fixed to face of studs with 2 rows of 4.8mm diameter pop rivets @ 400mm ctrs.
- 3 - 10mm thick cementitious board.
- 4 - 150mm thick fibreglass insulation quilt held in place with 160mm stickpins & friction washers.
- 5- Horizontally laid 60mm deep galvanised tophat @ 1200mm vertical ctrs. fixed to stud framing with SX6/14-5.5x32 at every stud.
- 6 - 60mm thick Rocksilk RS45 Insulation slab (1200 x 600 board size) - Mechanically fixed with 2 no 90mm stickpins & friction washer per board. Stickpin to be mechanically fixed to stud framing with SX6/14-5.5x32.
- 7 - TYVEK Supro Breather Membrane - All endlaps and sidelaps to be lapped 150mm. Breather membrane to be lapped at floor levels to allow for 15mm deflection.
- 8 - Vertically laid 60mm Deep - 2mm thick aluminium Tophat @ module joints. Fixed to horizontal galvanised Tophat with 1 no SX6-5.5x26 per leg.
- 9. AME Proteus HR Rainscreen Cladding Panel - Fixed via brackets at all 4 corners of panels, to vertical Tophats with SX3/12-5.5x28 - 1 fixing per bracket.
- 10 - 'AME' Continuous 37mm Wide Black PVC Baffle to vertical and horizontal joints - held in place with 100mm Long Wedge Gasket at 1000mm CTRS.

Levels 18 & 19 ONLY
1 : 5



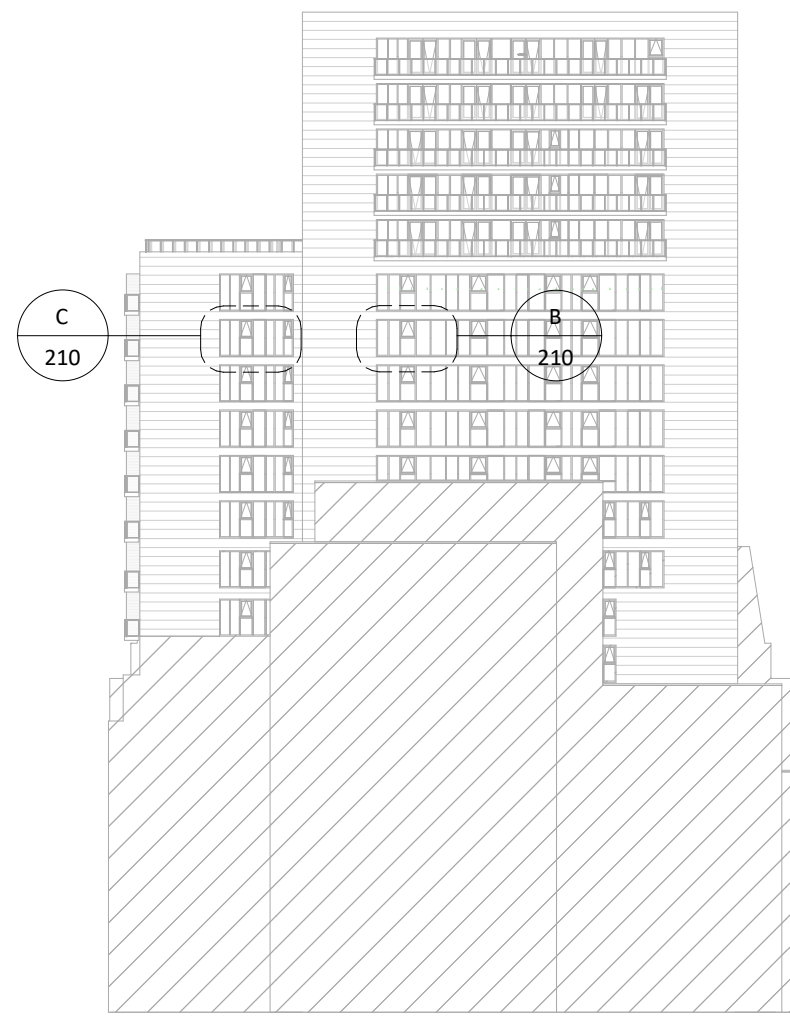
- 1. 80 x 60 Galvanised (2mm) Stud framing system at 450mm max ctrs.
- 2. 80 mm thick PIR foil face insulation mechanically fixed to stud framing. All joints to be fully taped with 50mm wide foil tape.
- 3. 10mm thick cementitious board.
- 4. Fibreglass insulation quilt to completely fill framing void.

Typical Internal / External Corners
1 : 5

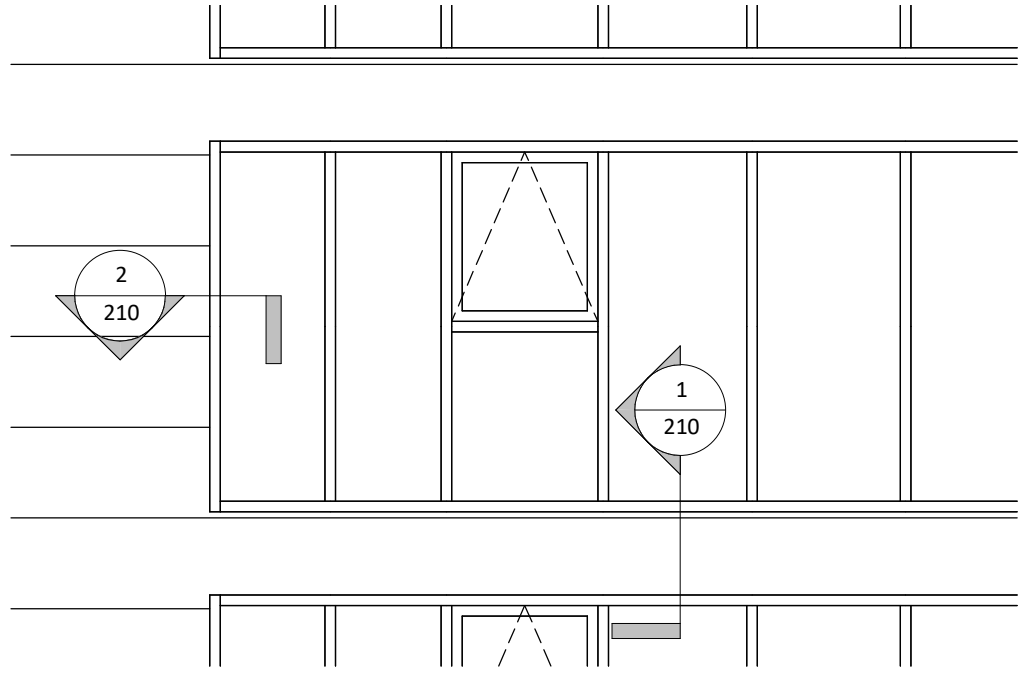


PIR Insulation to be removed

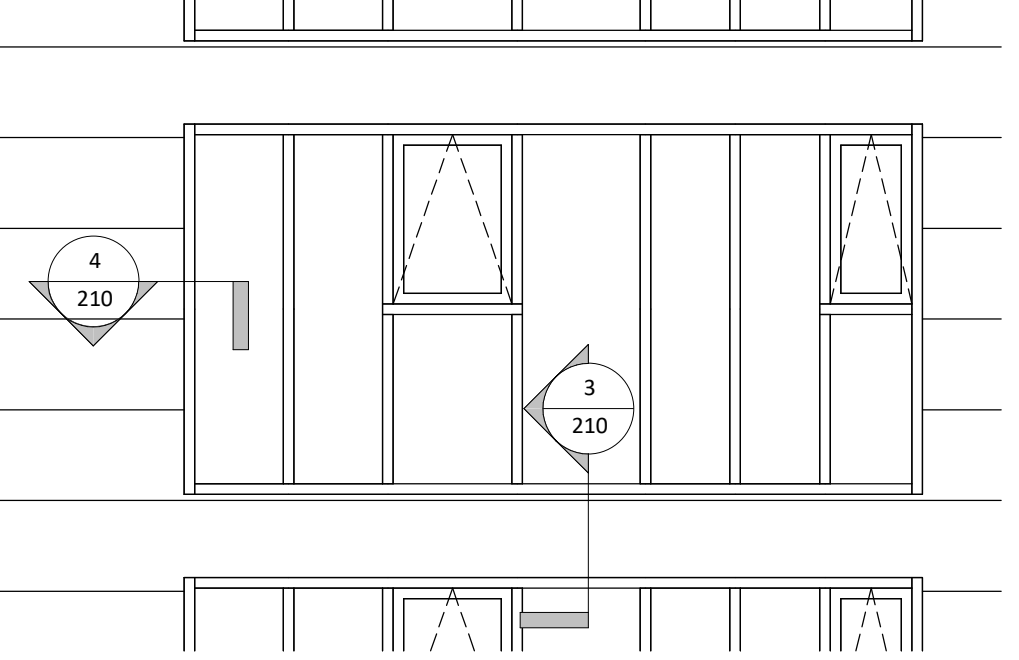
North Church Street Elevation
1 : 500



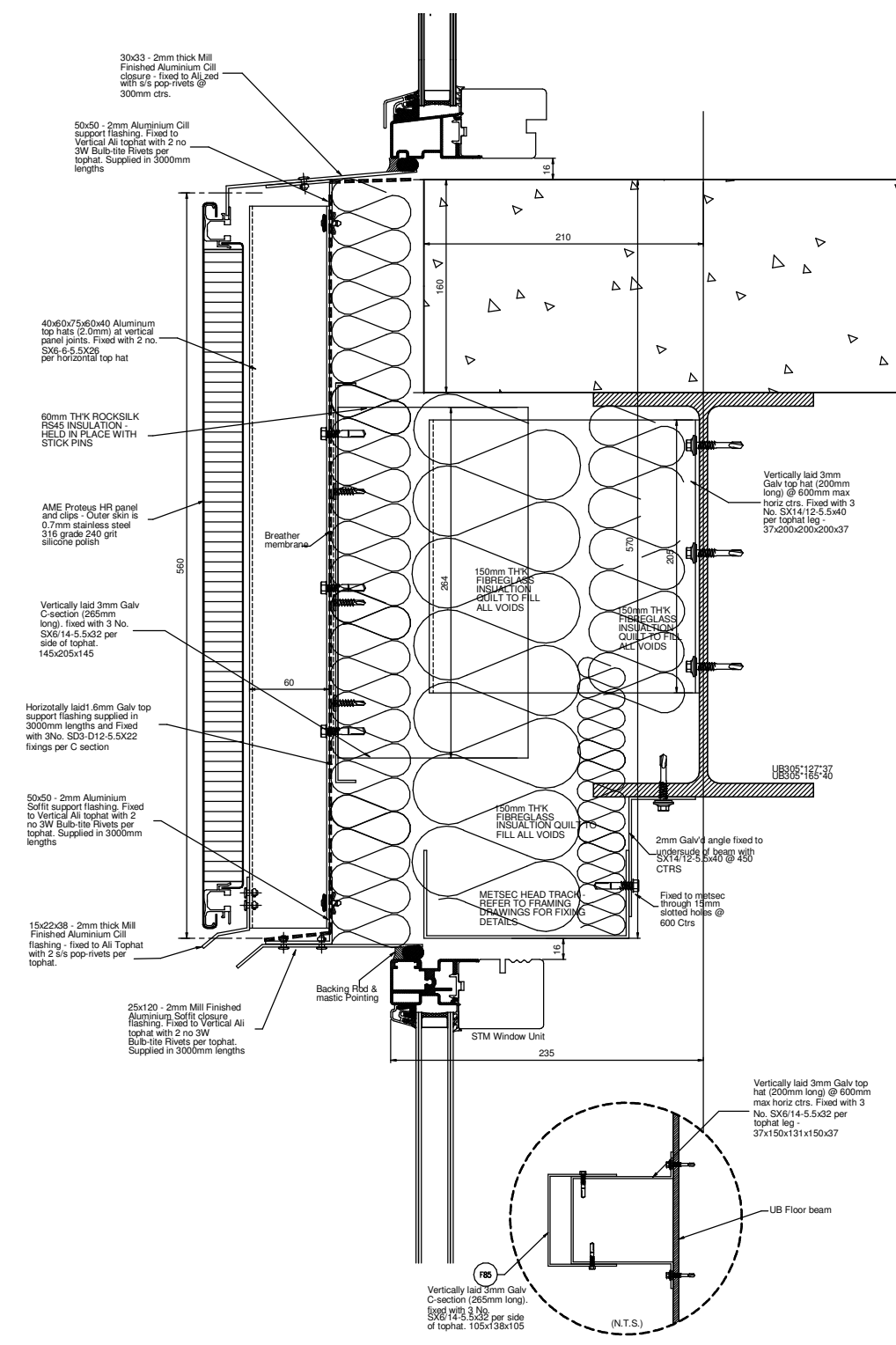
North Window Key A
1 : 50



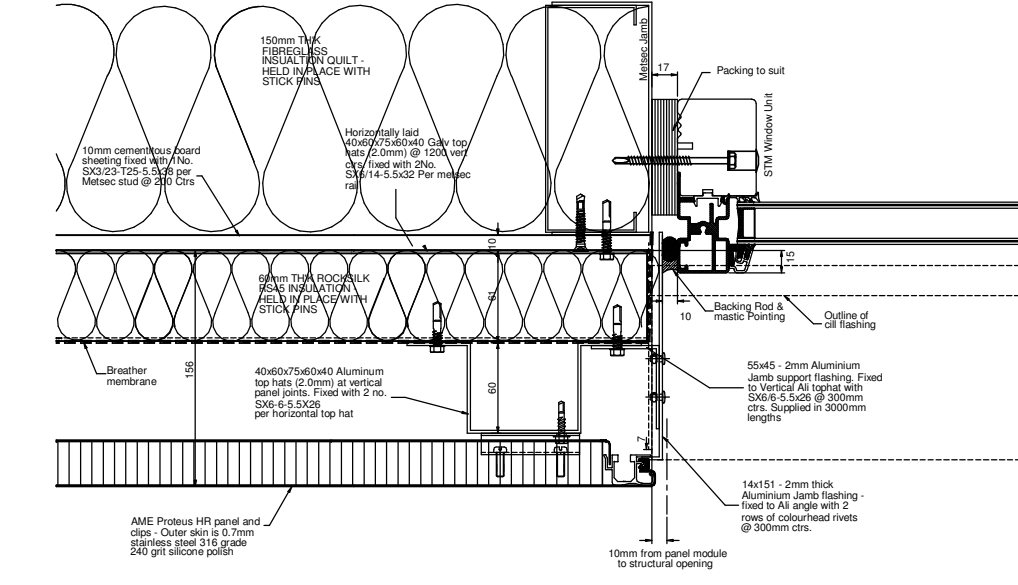
North Window Key B
1 : 50



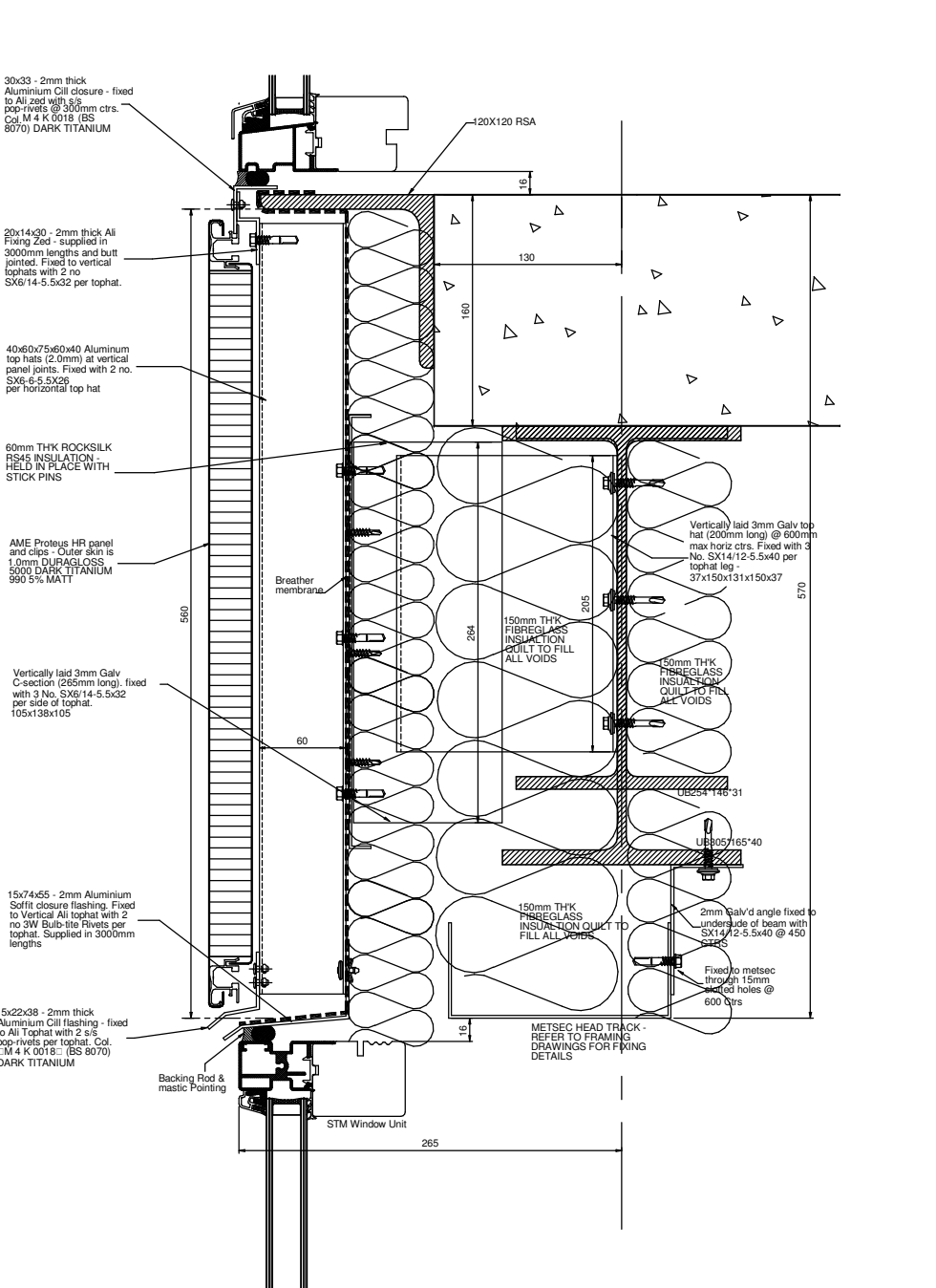
1 Typical Window Head
1 : 5



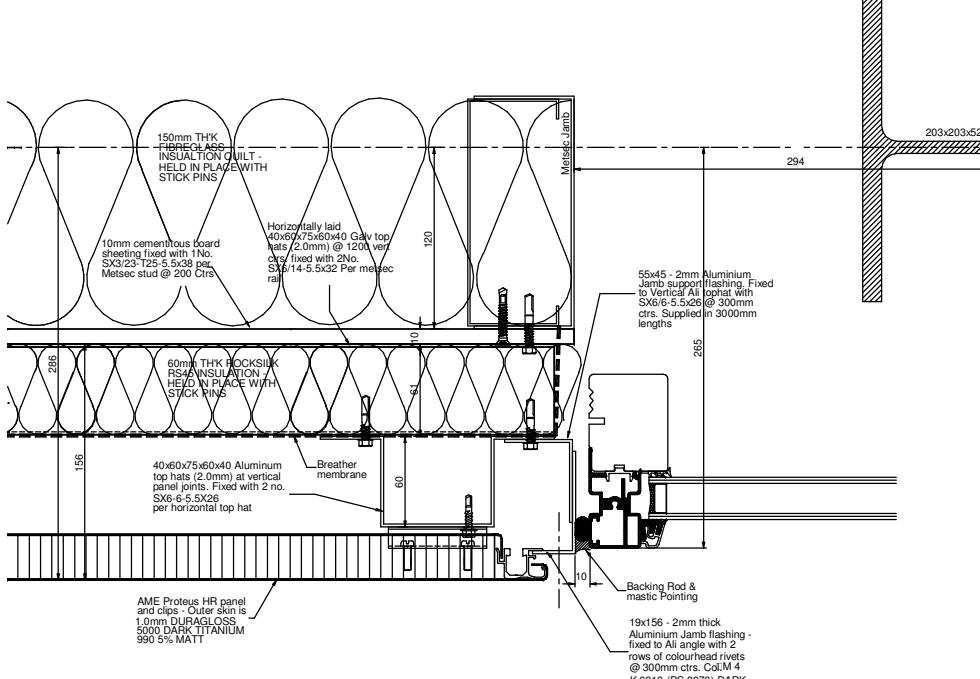
2 Typical Window Jamb
1 : 5



3 Facade Flush Window Head
1 : 5



4 Facade Flush Window Jamb
1 : 5



DO NOT SCALE FROM THIS DRAWING
ALL DIMENSIONS MUST BE CHECKED ON SITE BY CONTRACTOR
PRIOR TO CONSTRUCTION

Rev Date Int Description

btp ARCHITECTS

RIBA Chartered Practice

Client:
BWP Projects

Project:
The Lighthouse, Manchester

Description:
Existing Cladding Details

Purpose of Issue:
Planning

Drawn By: **AJ** Checked By: **VS** Date: **18/09/20** Scale @ **A1:** **As indicated**

Job No: **3746** Status Code: **S4** Drawing No: **210** Rev:

File Identifier:
LH-BTP-01-D-DR-A-3746_210.

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