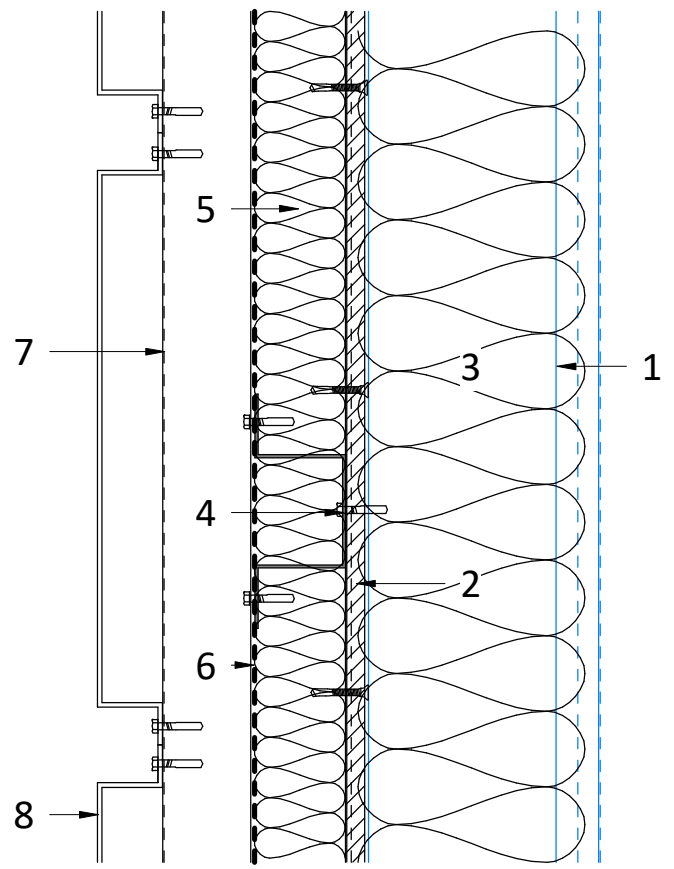


Proposed Rainscreen Build Up

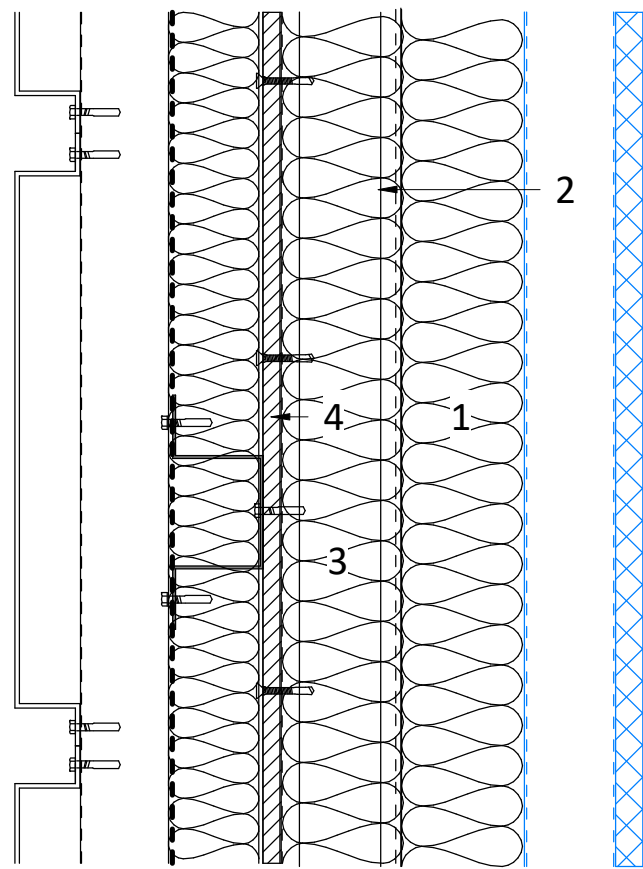
1 : 5



- 1- Existing Metsec stud framing system.
- 2 - New 12mm thick cementitious board. Fixed to Metsec stud framing at every stud.
- 3 - New 150mm thick mineral wool insulation quilt held in position with manufacturers recommended fixings.
- 4 - New horizontally laid 60mm deep aluminium top hats at manufacturers recommended vertical ctrs. fixed to stud framing at every stud.
- 5 - New 60mm thick mineral wool insulation slab. To be mechanically fixed to stud framing as manufacturers written instructions.
- 6 - New fire rated breather membrane. All endlaps and sidelaps to be lapped 150mm. Breather membrane to be lapped at floor levels to allow for 15mm deflection.
- 7 - New vertically laid 60mm deep aluminium top hats at module joints. Fixed to horizontal aluminium top hats as manufacturers written instructions.
- 8 - New aluminium cladding designed by contractor to A2 rating, refer to Wintech performance specification for details. Colour to match existing.

Levels 18 & 19 ONLY

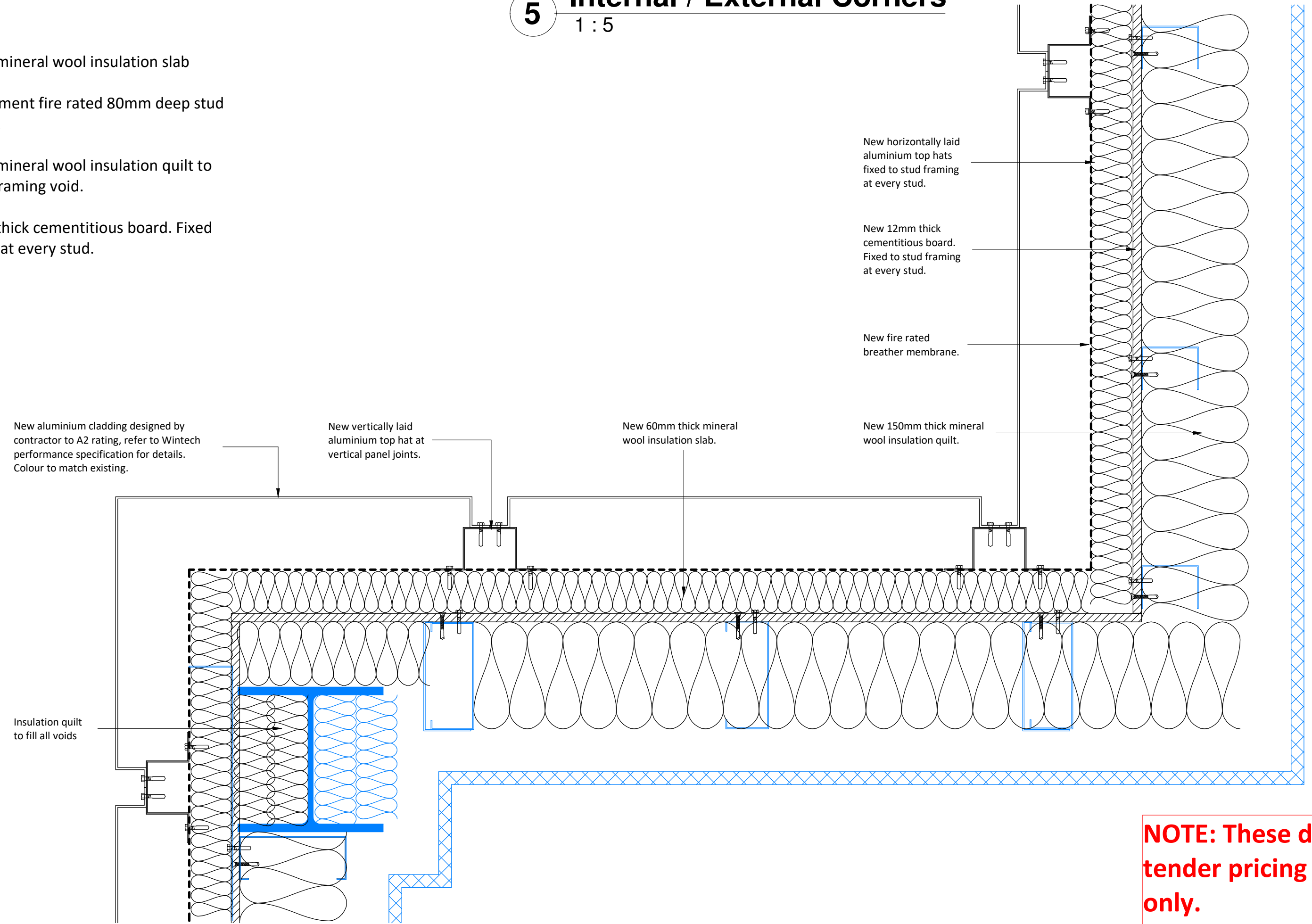
1 : 5



- 1 - New 80mm mineral wool insulation slab
- 2 - New replacement fire rated 80mm deep stud framing system.
- 3 - New 80mm mineral wool insulation quilt to completely fill framing void.
- 4 - New 12mm thick cementitious board. Fixed to stud framing at every stud.

5 Internal / External Corners

1 : 5



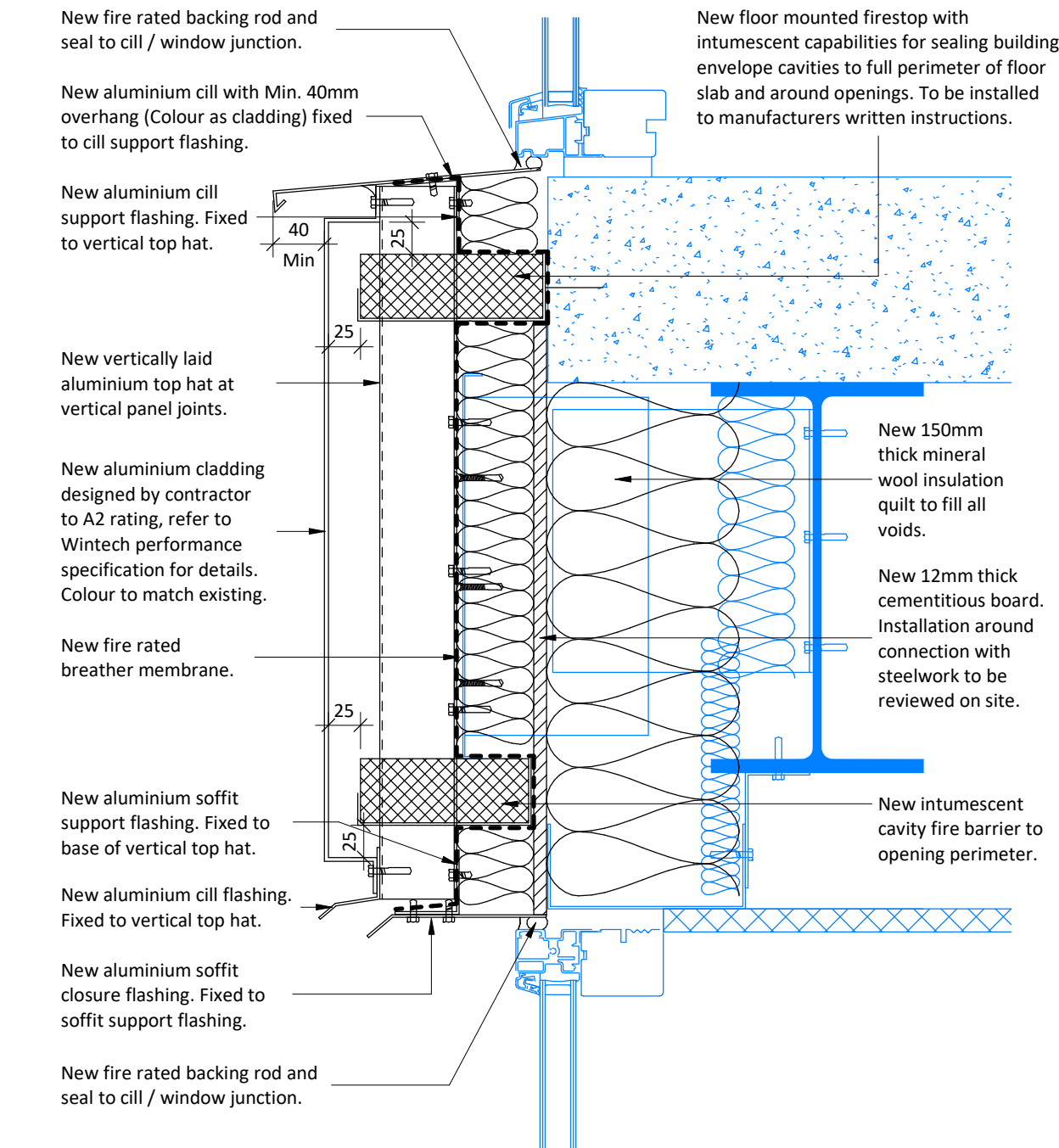
NOTE: These details are for tender pricing purposes only.

They are indicative and are to be confirmed by manufacturer, supplier and / or specialist. All fixings are to be specified by specialist.

Final details are to be contractors design.

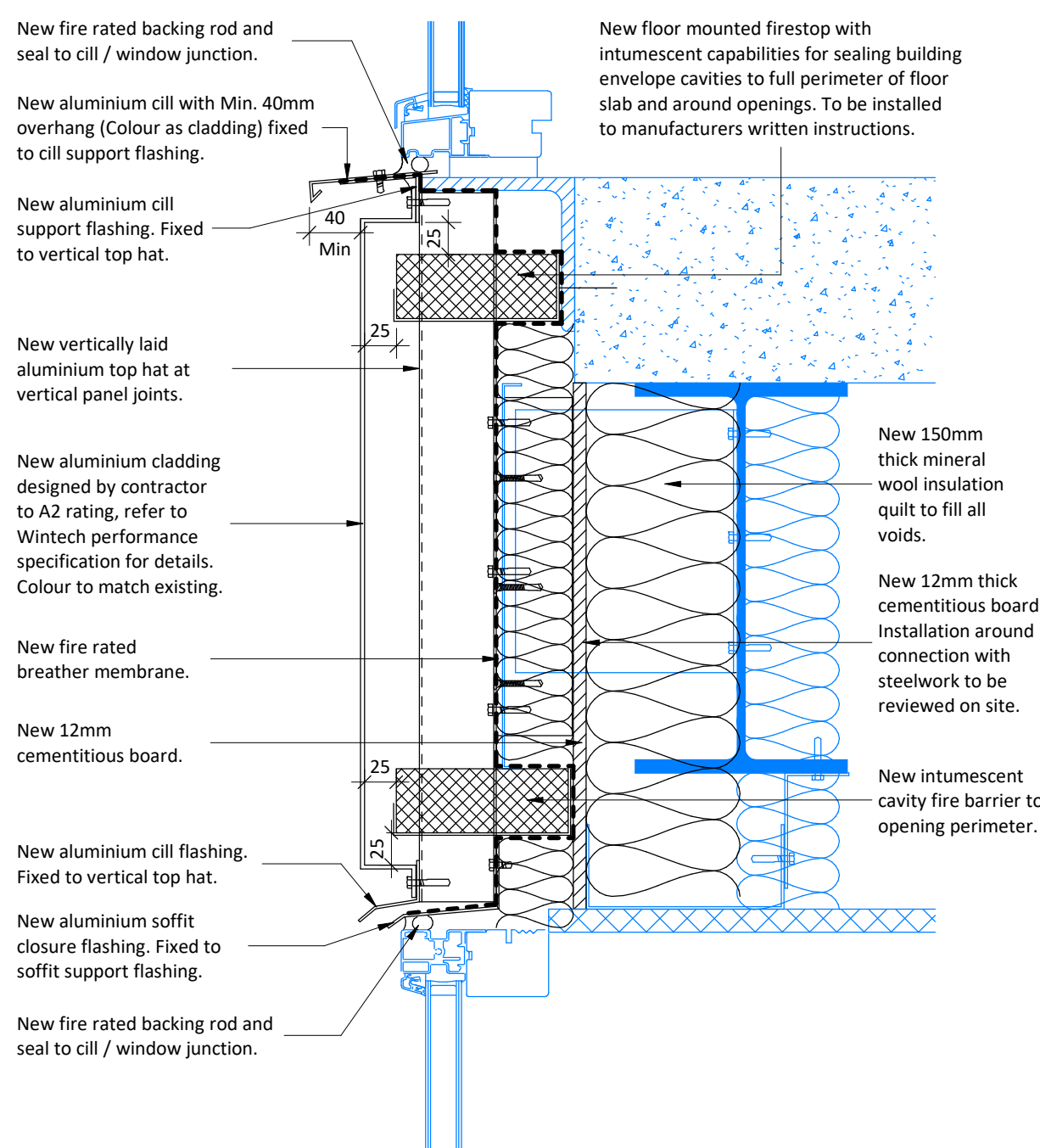
1 Typical Window Head / Cill

1 : 5



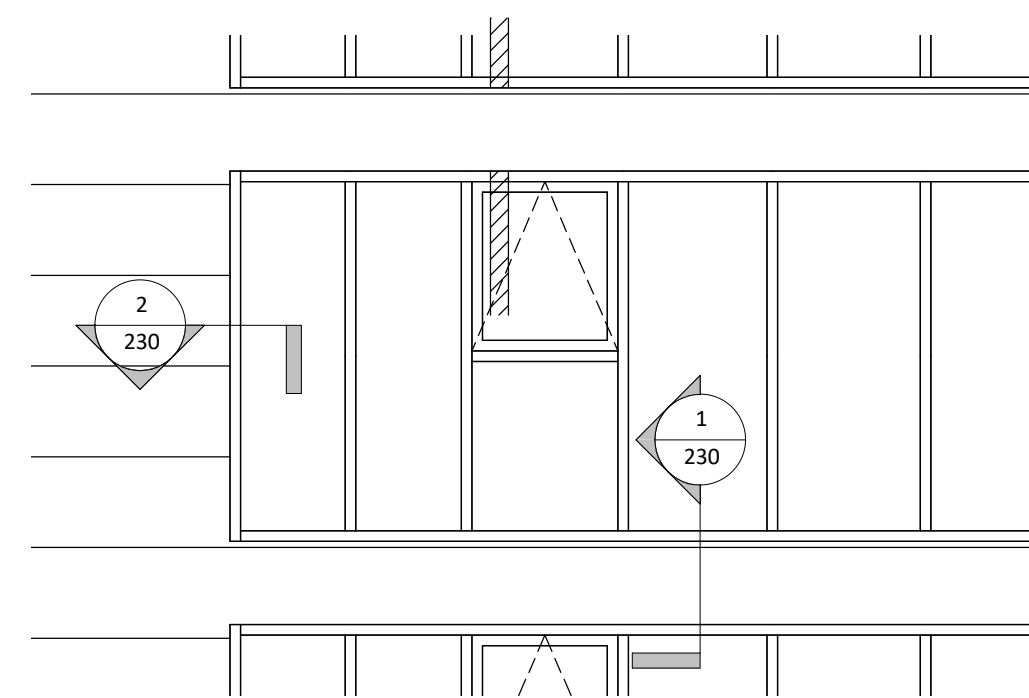
3 Facade Flush Window Head / Cill

1 : 5



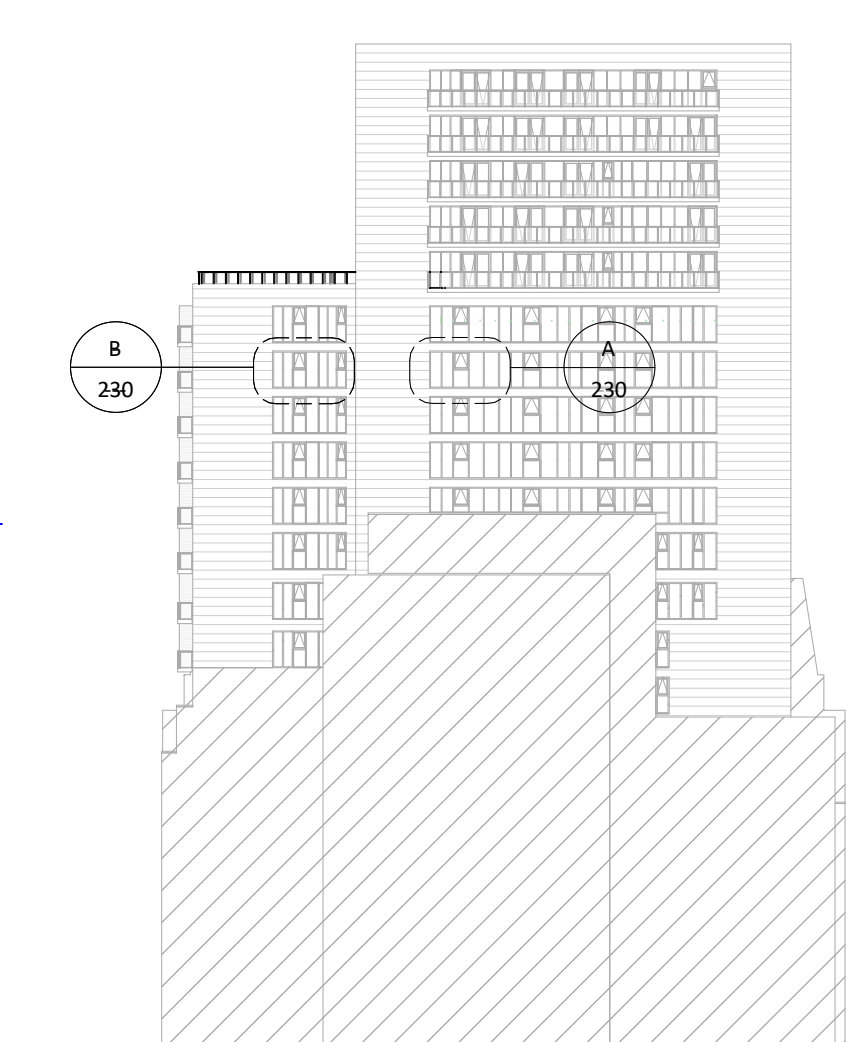
North Window Key A.

1 : 50



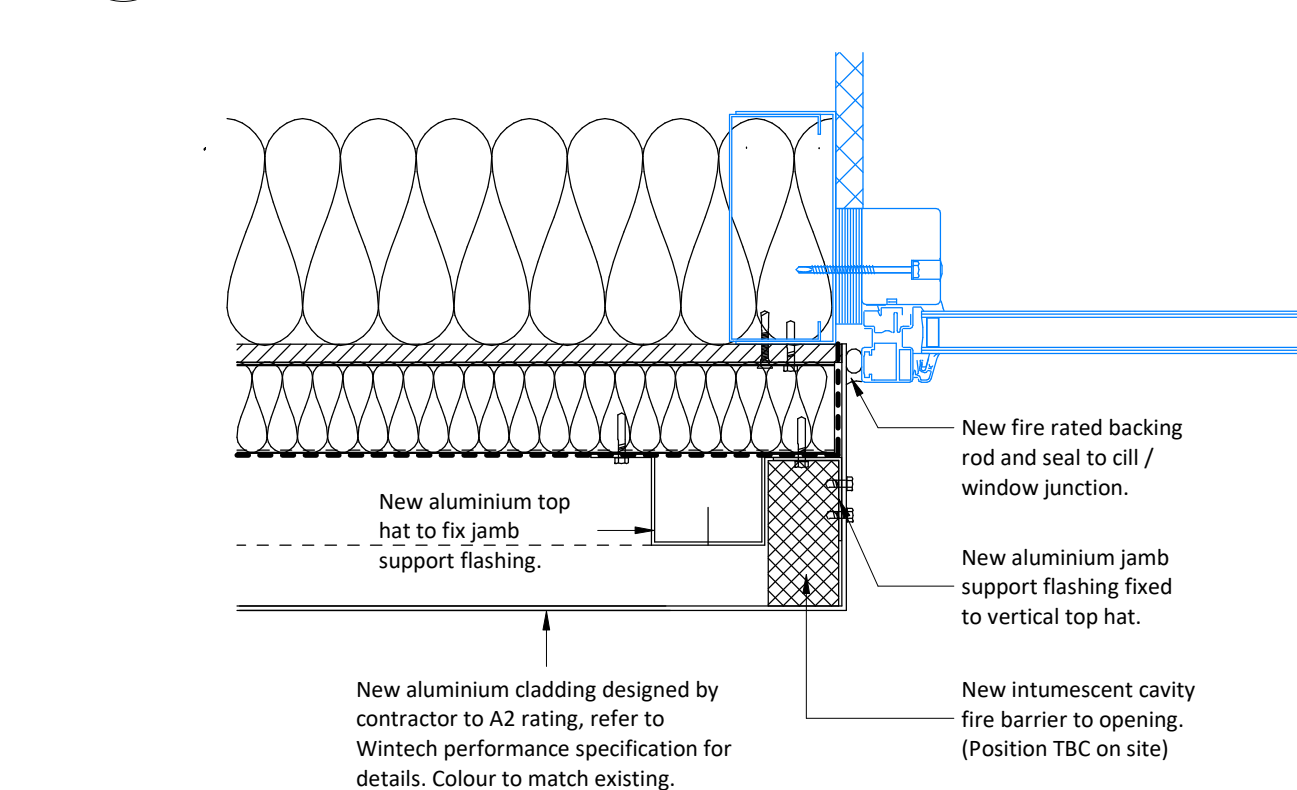
North Church Street Elevation

1 : 500



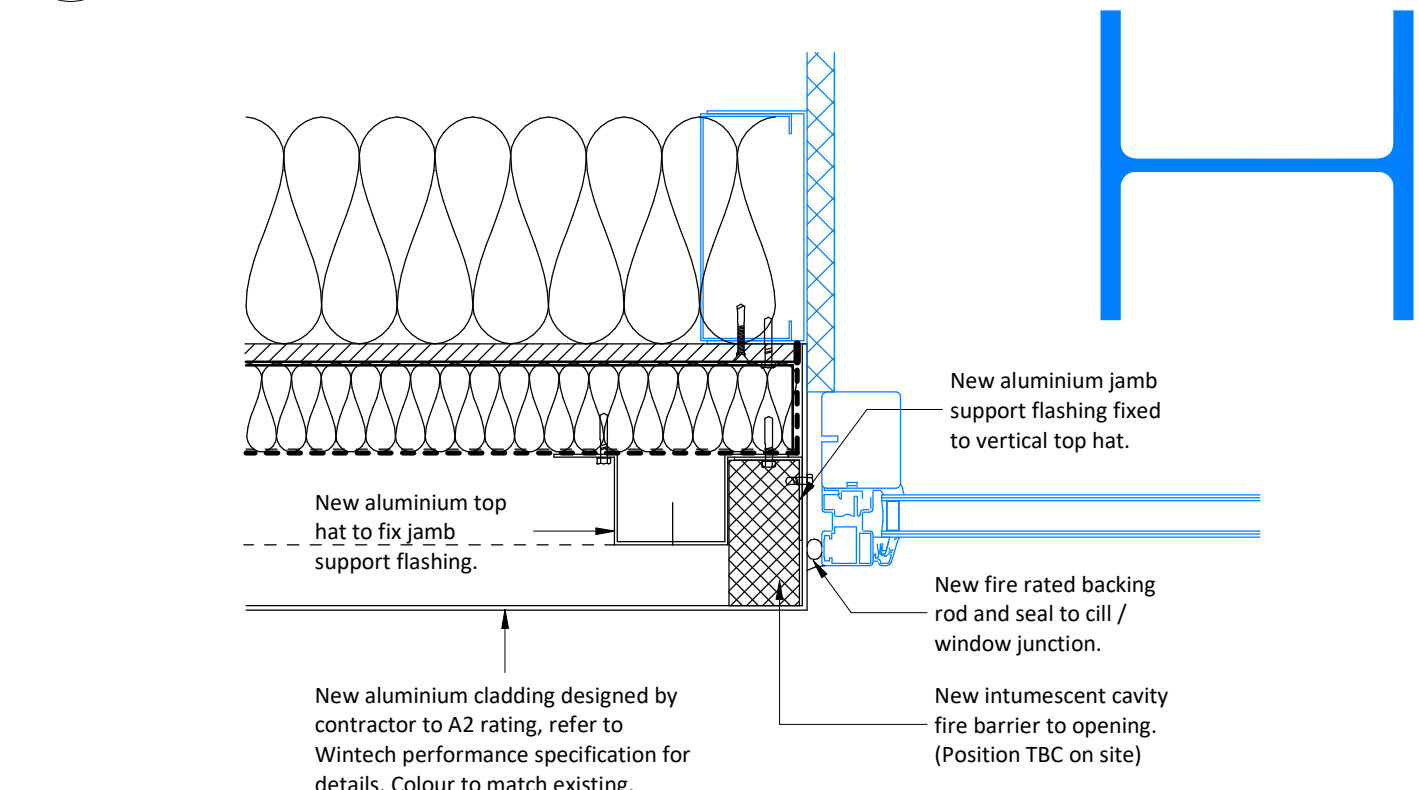
2 Typical Window Jamb

1 : 5



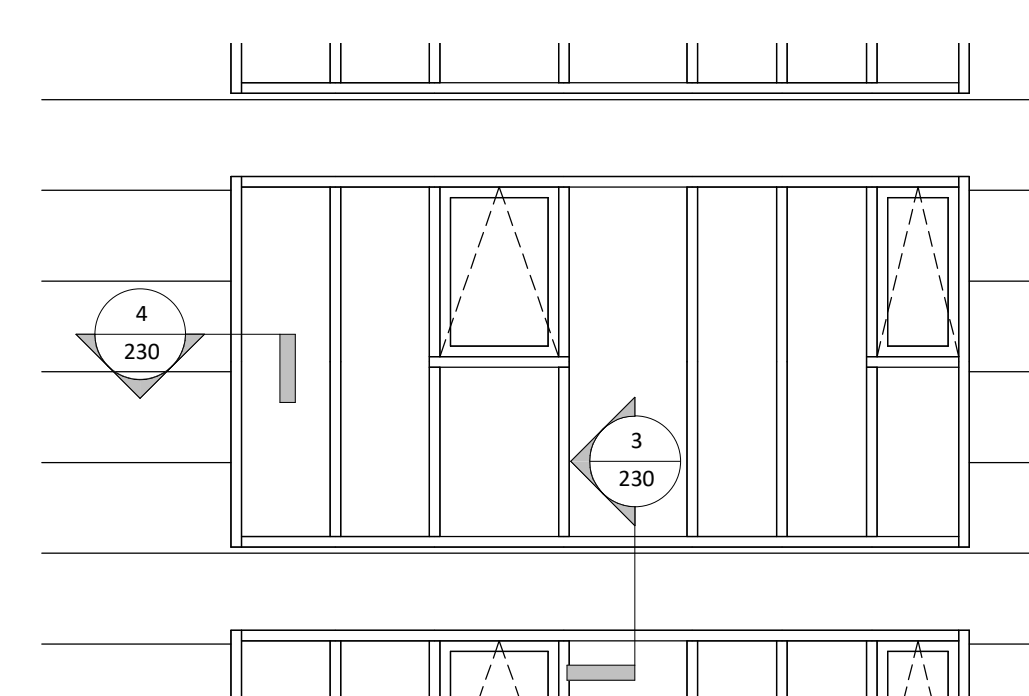
4 Facade Flush Window Jamb

1 : 5



North Window Key B.

1 : 50



1	16.11.20	AJ	Cavity fire barriers added above openings to details 1 & 3. Vertical joints to aluminium cladding adjacent to window jambs removed to details 2 & 4.
Rev	Date	Int	Description



Client:
BWP Projects

Project:
The Lighthouse, Manchester

Description:
Proposed Cladding Details

Purpose of Issue: Planning			
Drawn By:	Checked By:	Date:	Scale @ A1:
MP	VS	18/09/20	As indicated
Job No:	Status Code:	Drawing No:	Rev:
3746	S4	230	1
File Identifier: LH-BTP-02-D-DR-A-3746_230.1			