

# MC770

## COMMERCIAL HORIZONTAL CLADDING

### DETAIL LIST

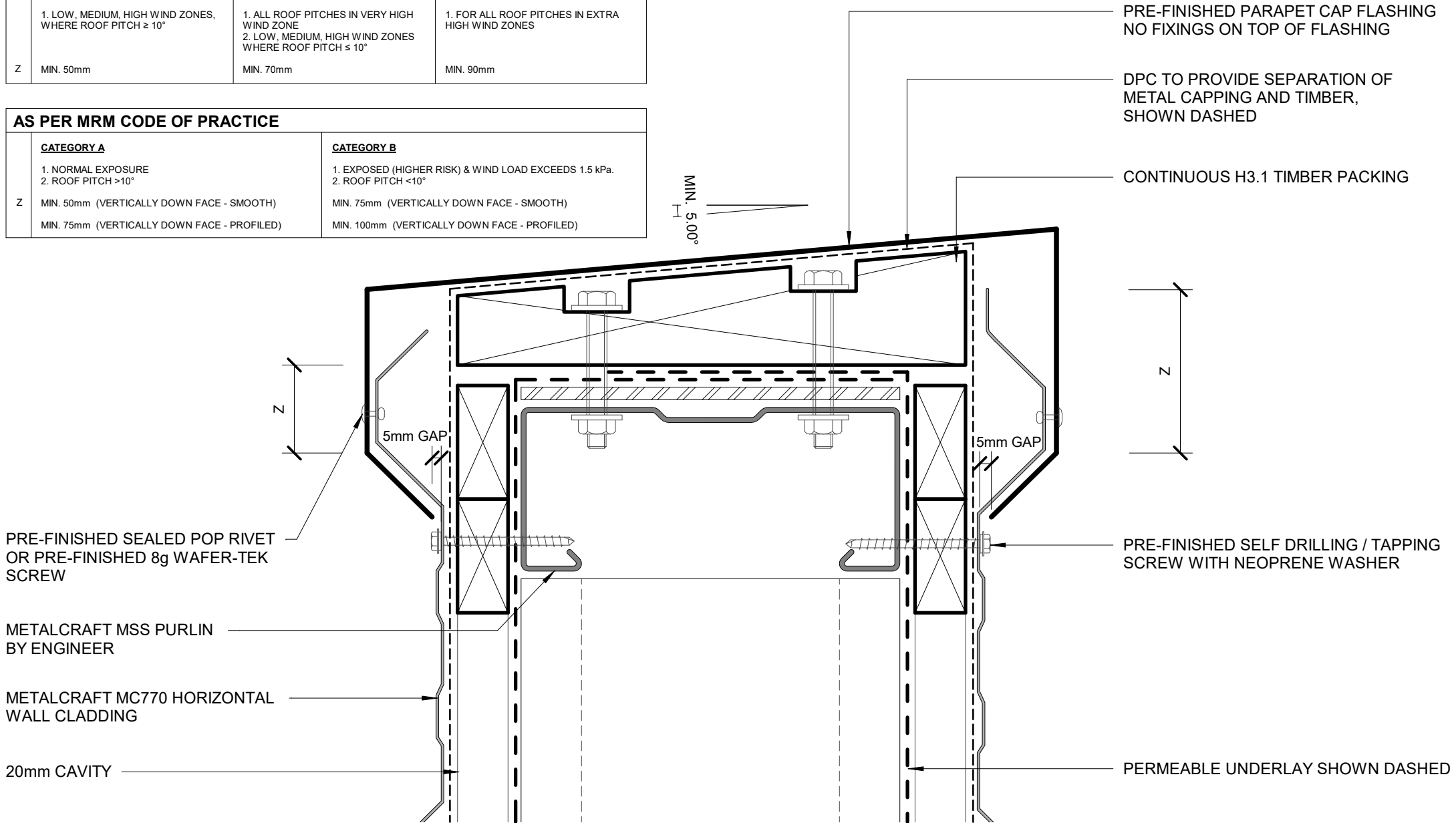
		<u>Revision</u>	<u>Date</u>
F 00 / 20	COVER SHEET		
F 01 / 20	PARAPET AND BALUSTRADE CAPPING	1.0	JAN 2023
F 02 / 20	SCUPPER W/ RAINWATER HEAD	1.0	JAN 2023
F 03 / 20	SOFFIT	1.0	JAN 2023
F 04 / 20	WINDOW HEAD	1.0	JAN 2023
F 05 / 20	WINDOW SILL	1.0	JAN 2023
F 06 / 20	WINDOW JAMB	1.0	JAN 2023
F 07 / 20	METERBOX HEAD	1.0	JAN 2023
F 08 / 20	METERBOX SILL	1.0	JAN 2023
F 09 / 20	METERBOX JAMB	1.0	JAN 2023
F 10 / 20	INTERNAL CORNER 01	1.0	JAN 2023
F 11 / 20	INTERNAL CORNER 02	1.0	JAN 2023
F 12 / 20	EXTERNAL CORNER 01	1.0	JAN 2023
F 13 / 20	EXTERNAL CORNER 02	1.0	JAN 2023
F 14 / 20	SOAKER FLASHING	1.0	JAN 2023
F 15 / 20	CHANGE IN CLADDING	1.0	JAN 2023
F 16 / 20	CLADDING ABUTMENT	1.0	JAN 2023
F 17 / 20	BOTTOM OF CLADDING (FLUSH)	1.0	JAN 2023
F 18 / 20	BOTTOM OF CLADDING (RECESSED)	1.0	JAN 2023
F 19 / 20	3D WINDOW FLASHINGS	1.0	JAN 2023
F 20 / 20	3D RAINWATER HEAD	1.0	JAN 2023

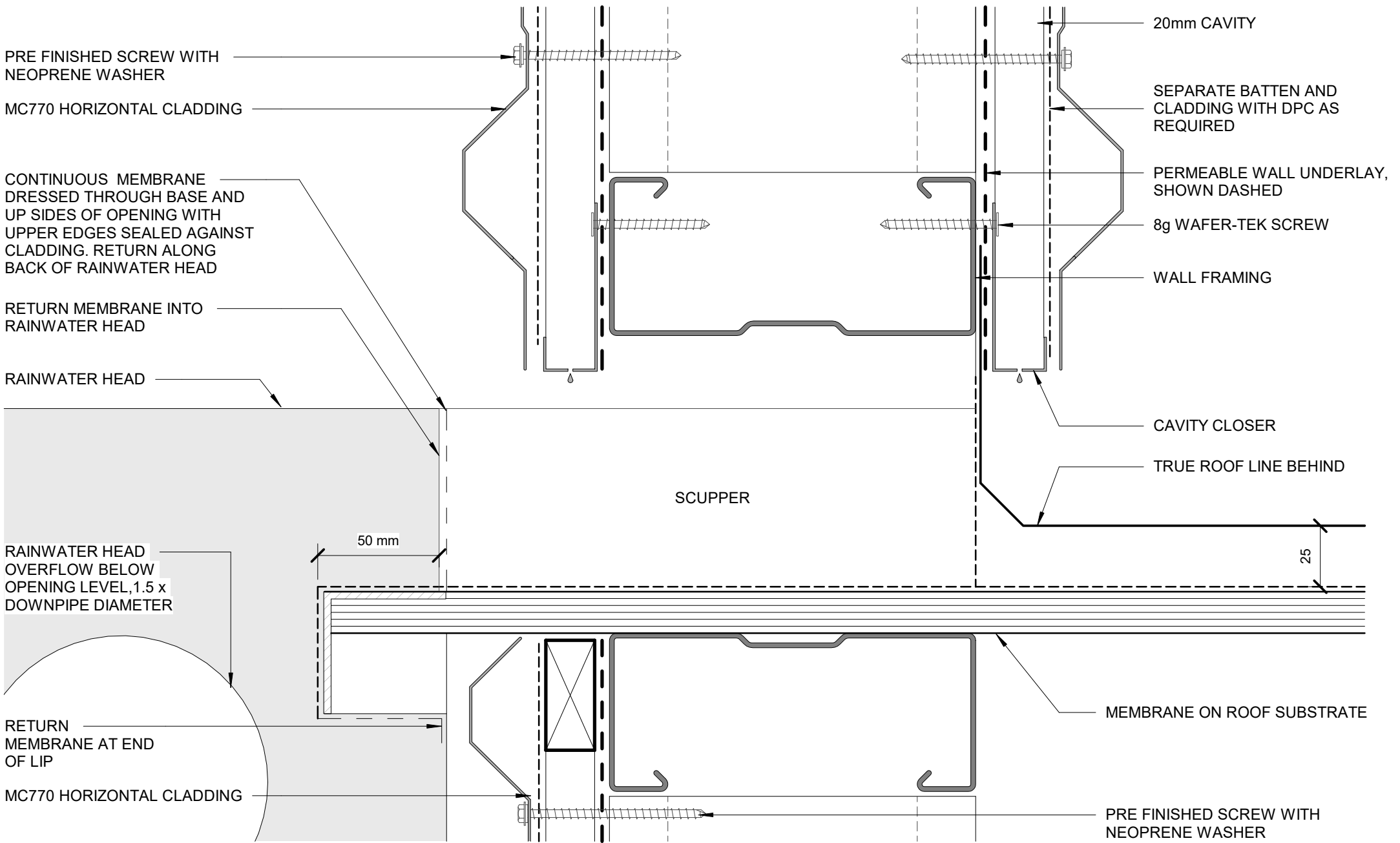
CHMC770

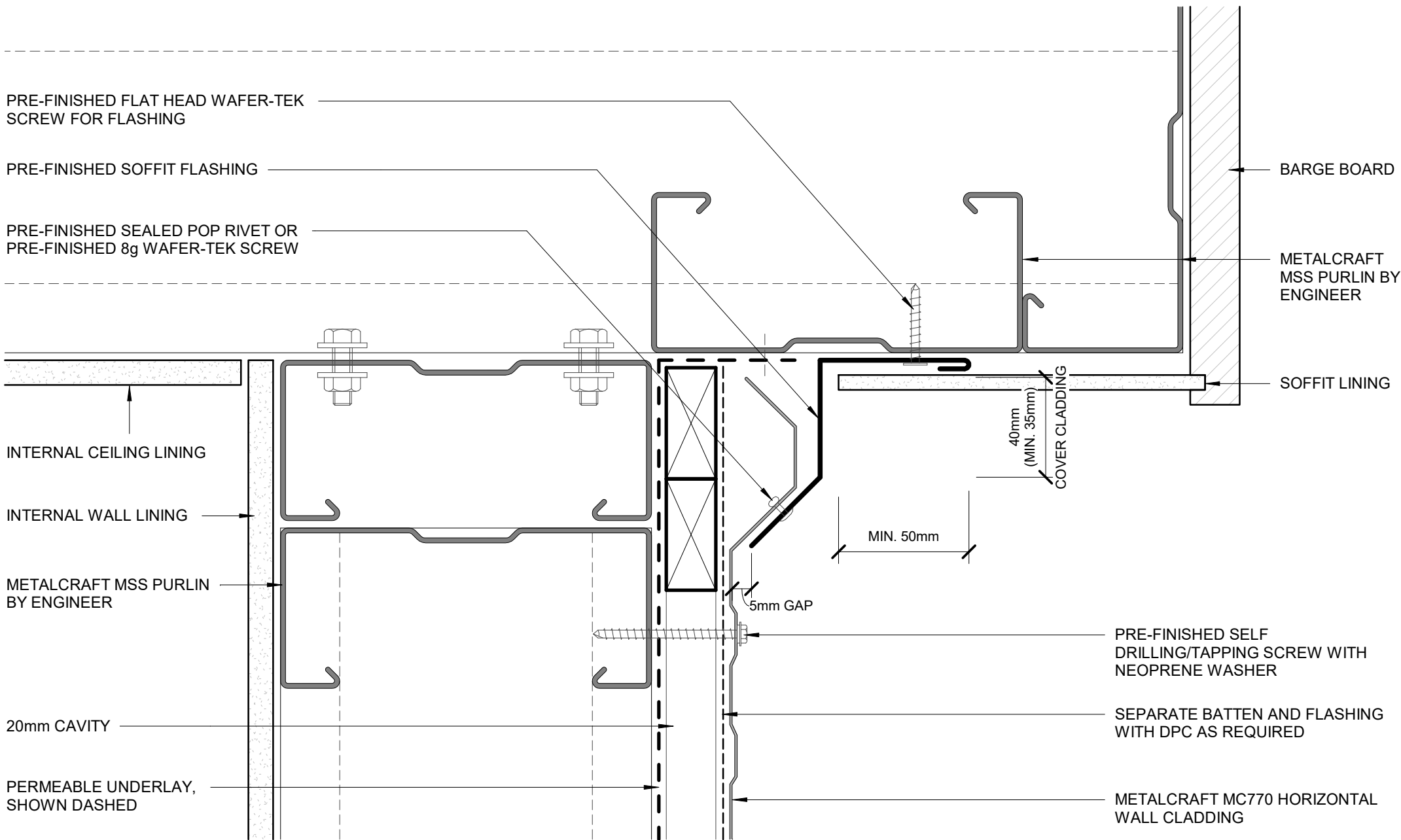
**Metalcraft**  
Roofing  
[www.metalcraftgroup.co.nz](http://www.metalcraftgroup.co.nz)

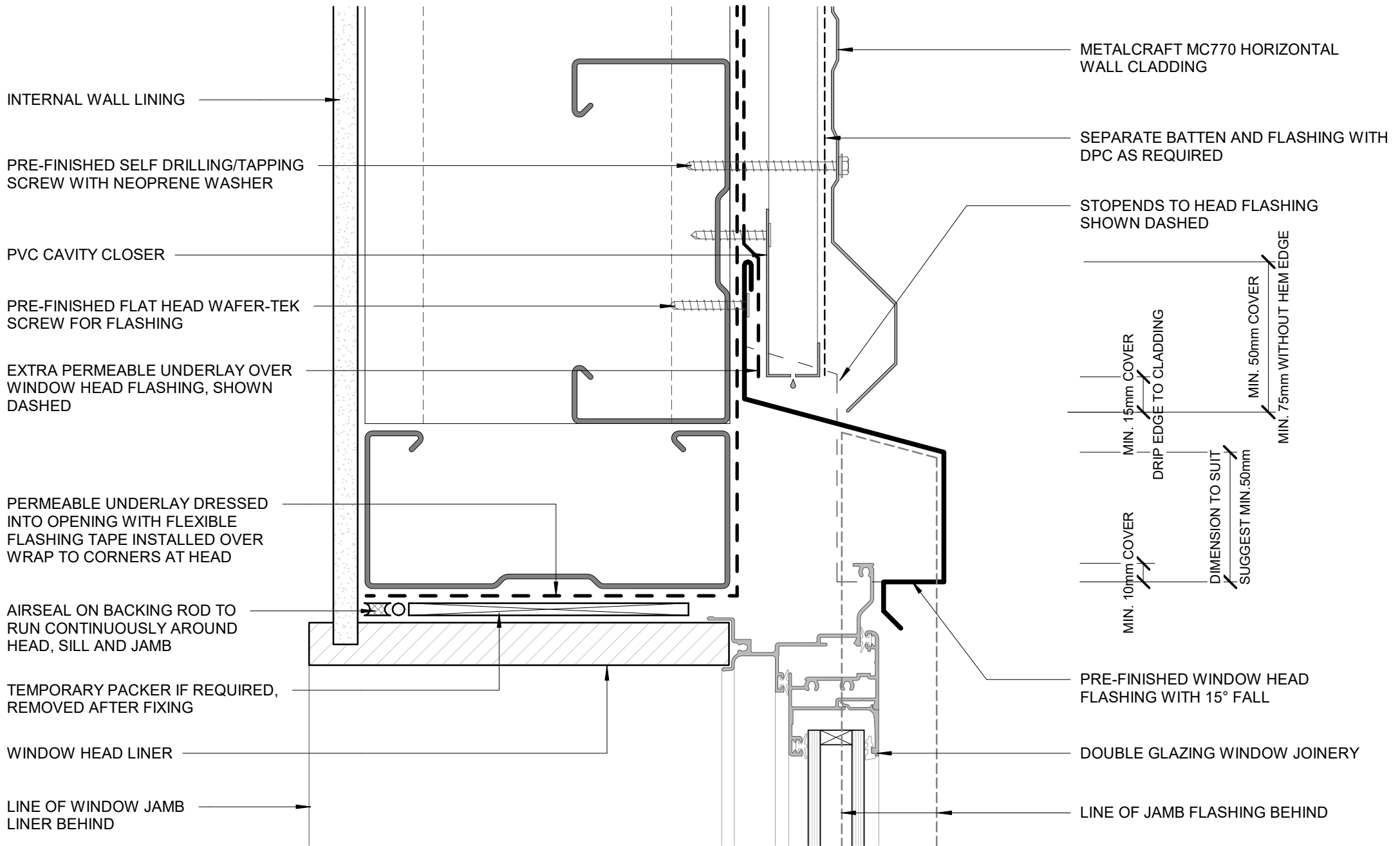
AS PER E2/ASI		
<b>SITUATION 1</b> 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	<b>SITUATION 2</b> 1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	<b>SITUATION 3</b> 1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
Z MIN. 50mm	MIN. 70mm	MIN. 90mm

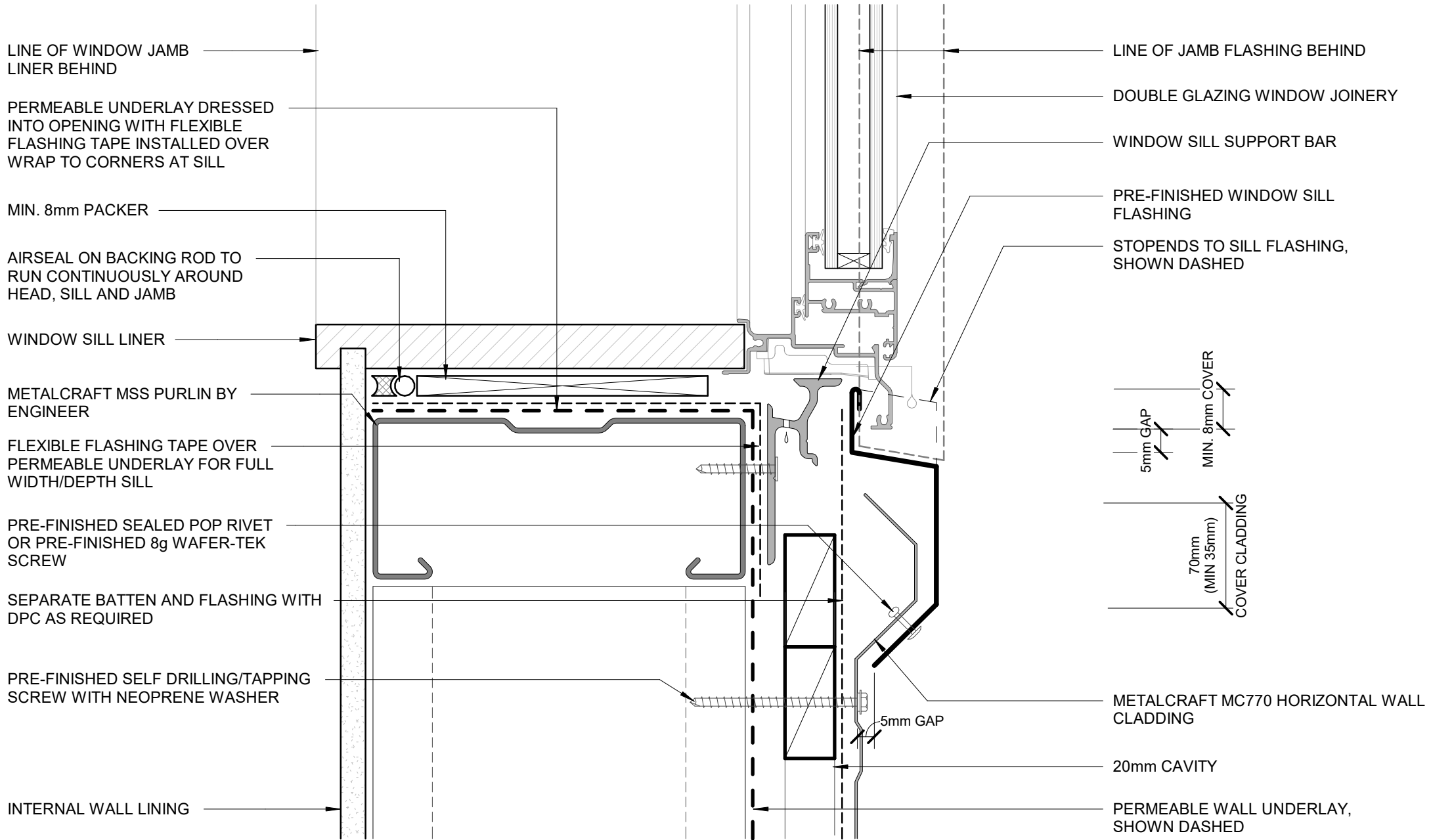
AS PER MRM CODE OF PRACTICE	
<b>CATEGORY A</b> 1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	<b>CATEGORY B</b> 1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
Z MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)

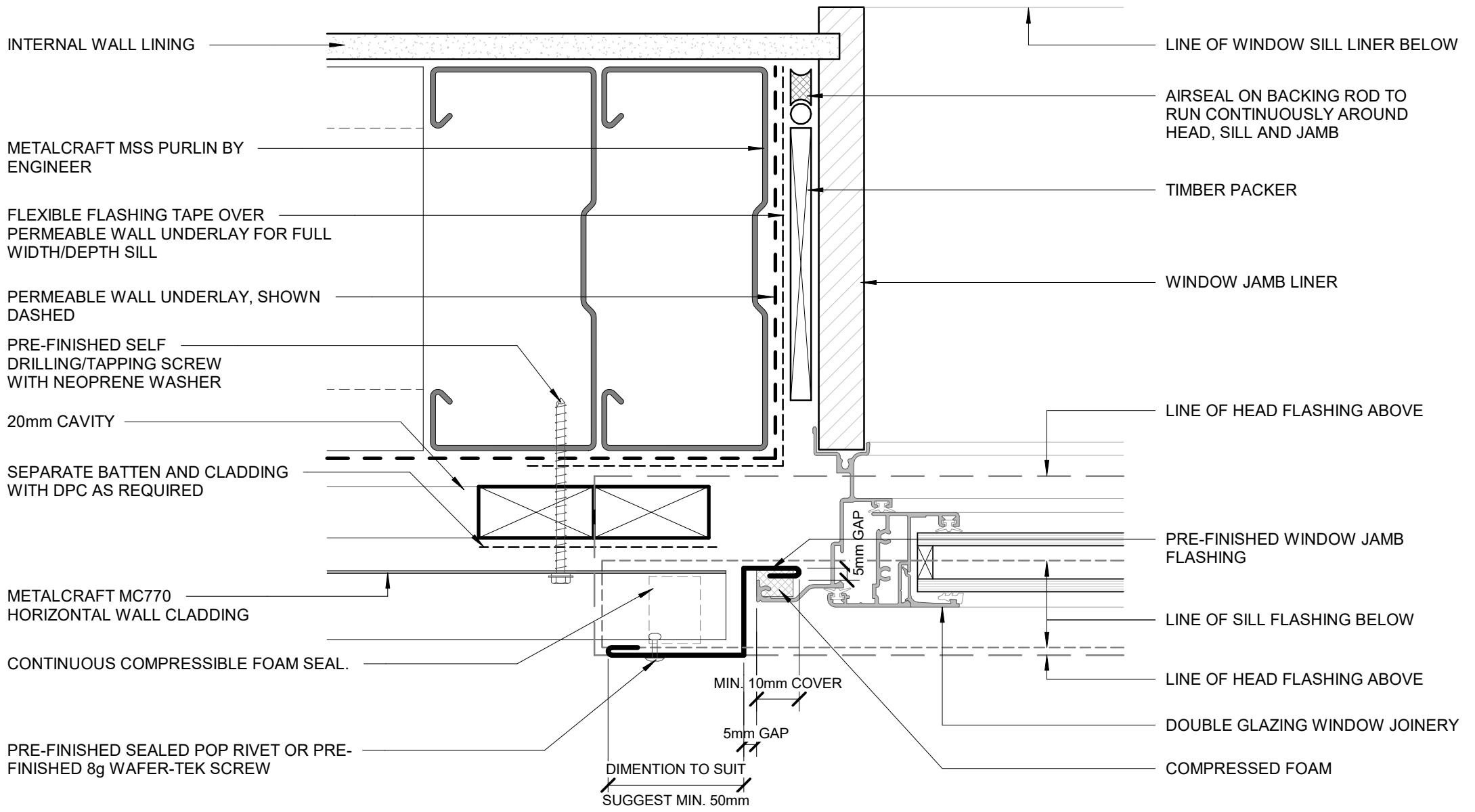


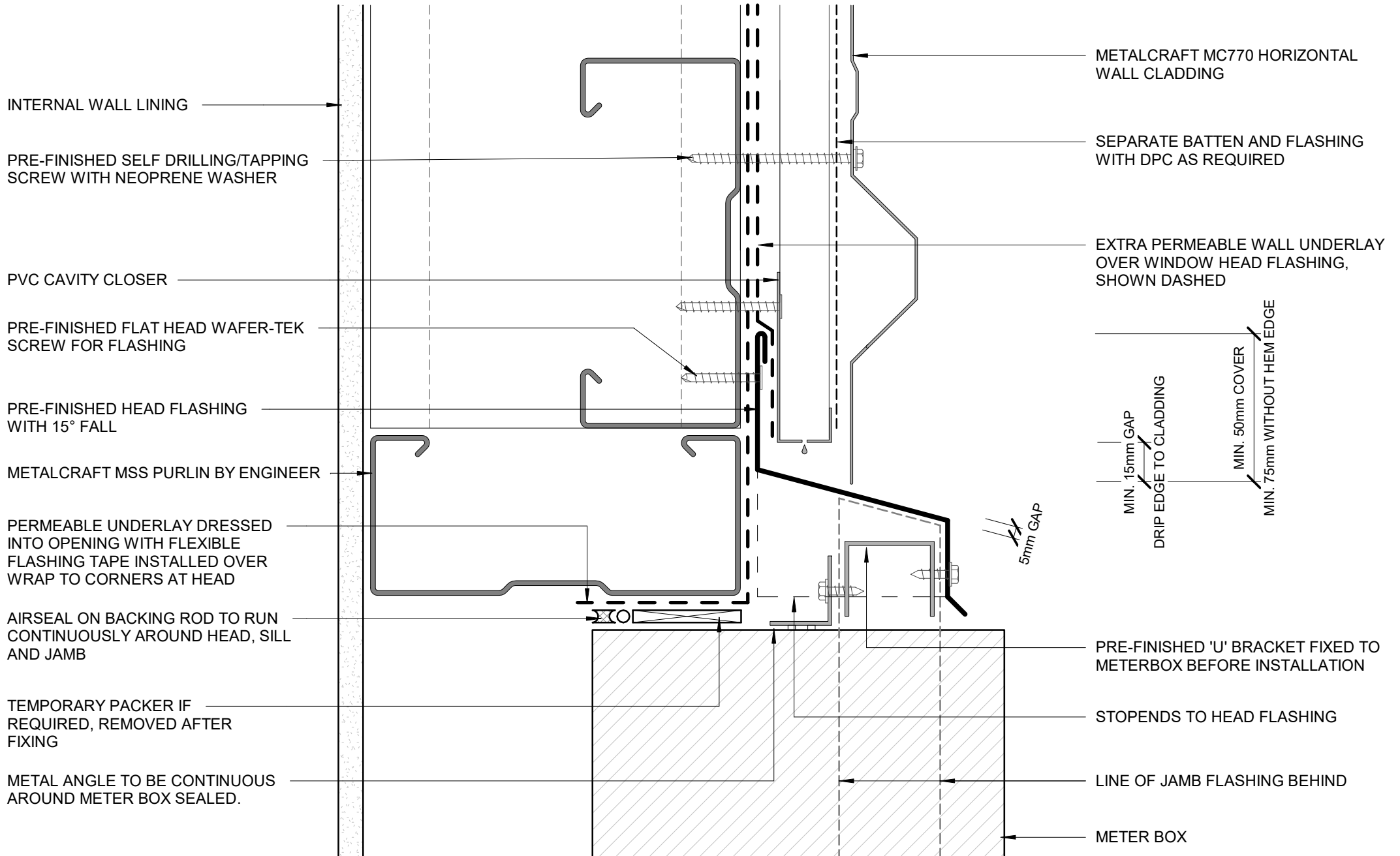












INTERNAL WALL LINING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

PVC CAVITY CLOSER

PRE-FINISHED FLAT HEAD WAFER-TEK SCREW FOR FLASHING

PRE-FINISHED HEAD FLASHING WITH 15° FALL

METALCRAFT MSS PURLIN BY ENGINEER

PERMEABLE UNDERLAY DRESSED INTO OPENING WITH FLEXIBLE FLASHING TAPE INSTALLED OVER WRAP TO CORNERS AT HEAD

AIRSEAL ON BACKING ROD TO RUN CONTINUOUSLY AROUND HEAD, SILL AND JAMB

TEMPORARY PACKER IF REQUIRED, REMOVED AFTER FIXING

METAL ANGLE TO BE CONTINUOUS AROUND METER BOX SEALED.

METALCRAFT MC770 HORIZONTAL WALL CLADDING

SEPARATE BATTEN AND FLASHING WITH DPC AS REQUIRED

EXTRA PERMEABLE WALL UNDERLAY OVER WINDOW HEAD FLASHING, SHOWN DASHED

MIN. 15mm GAP DRIP EDGE TO CLADDING

MIN. 50mm COVER

MIN. 75mm WITHOUT HEM EDGE

5mm GAP

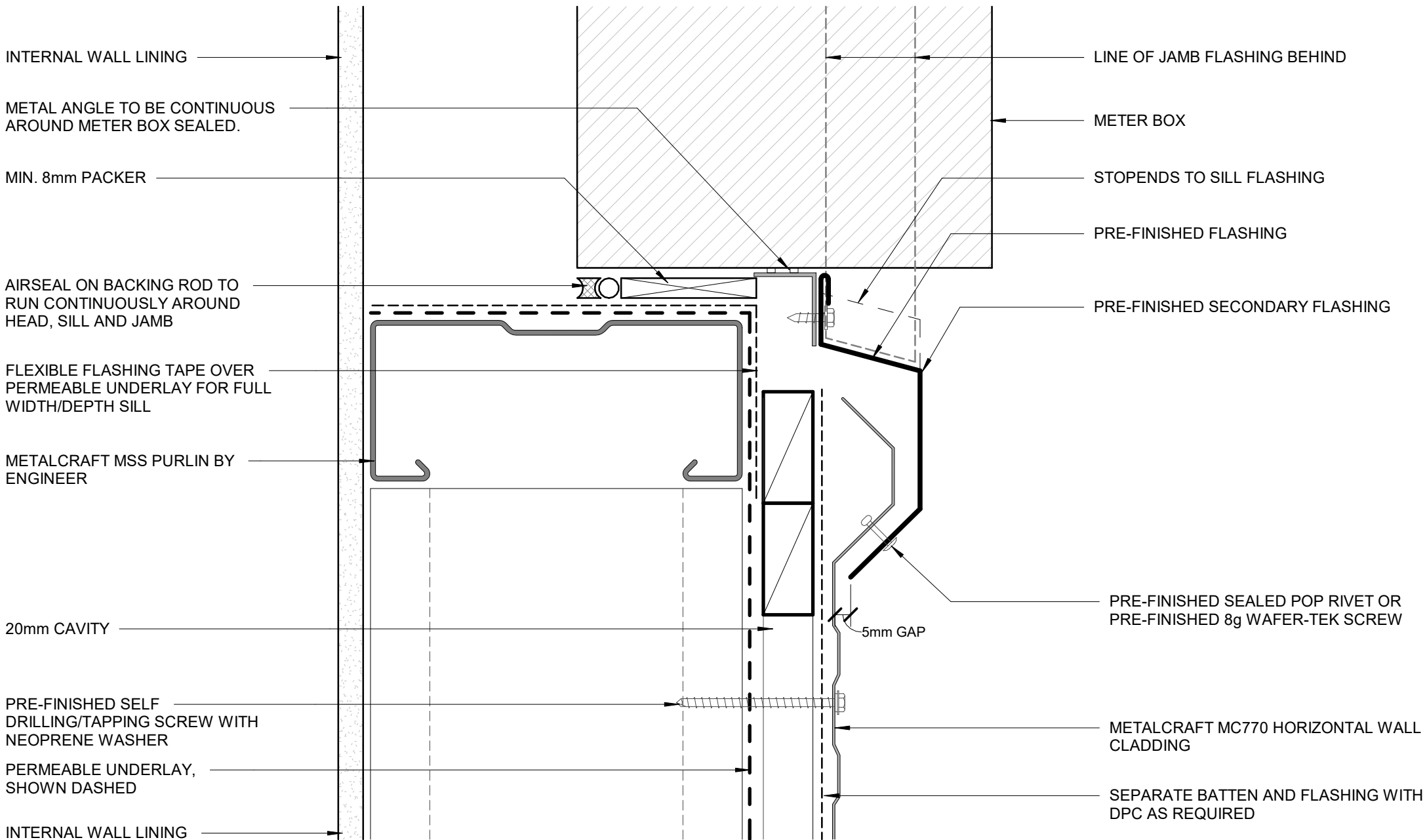
PRE-FINISHED 'U' BRACKET FIXED TO METERBOX BEFORE INSTALLATION

STOPENDS TO HEAD FLASHING

LINE OF JAMB FLASHING BEHIND

METER BOX

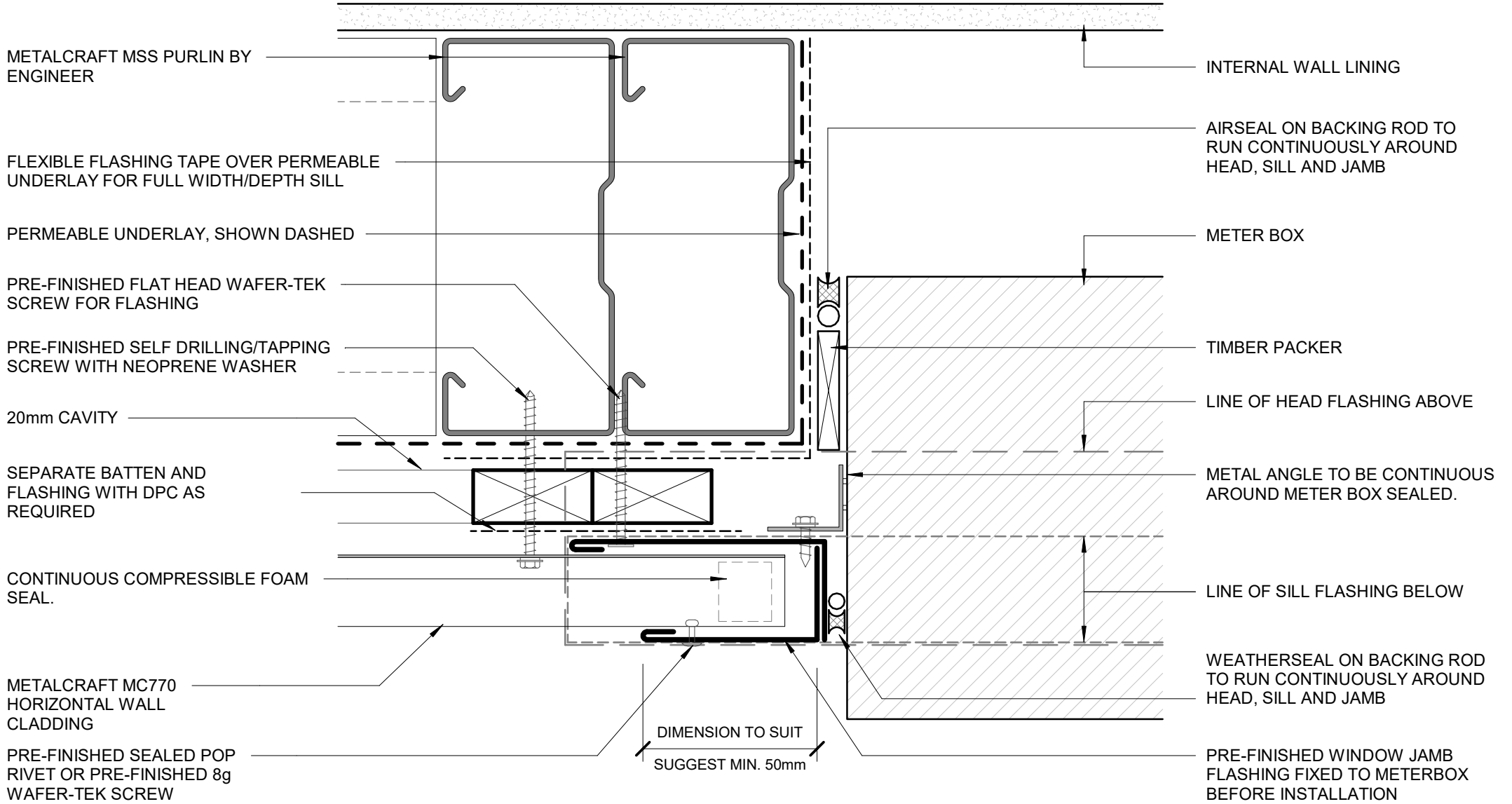


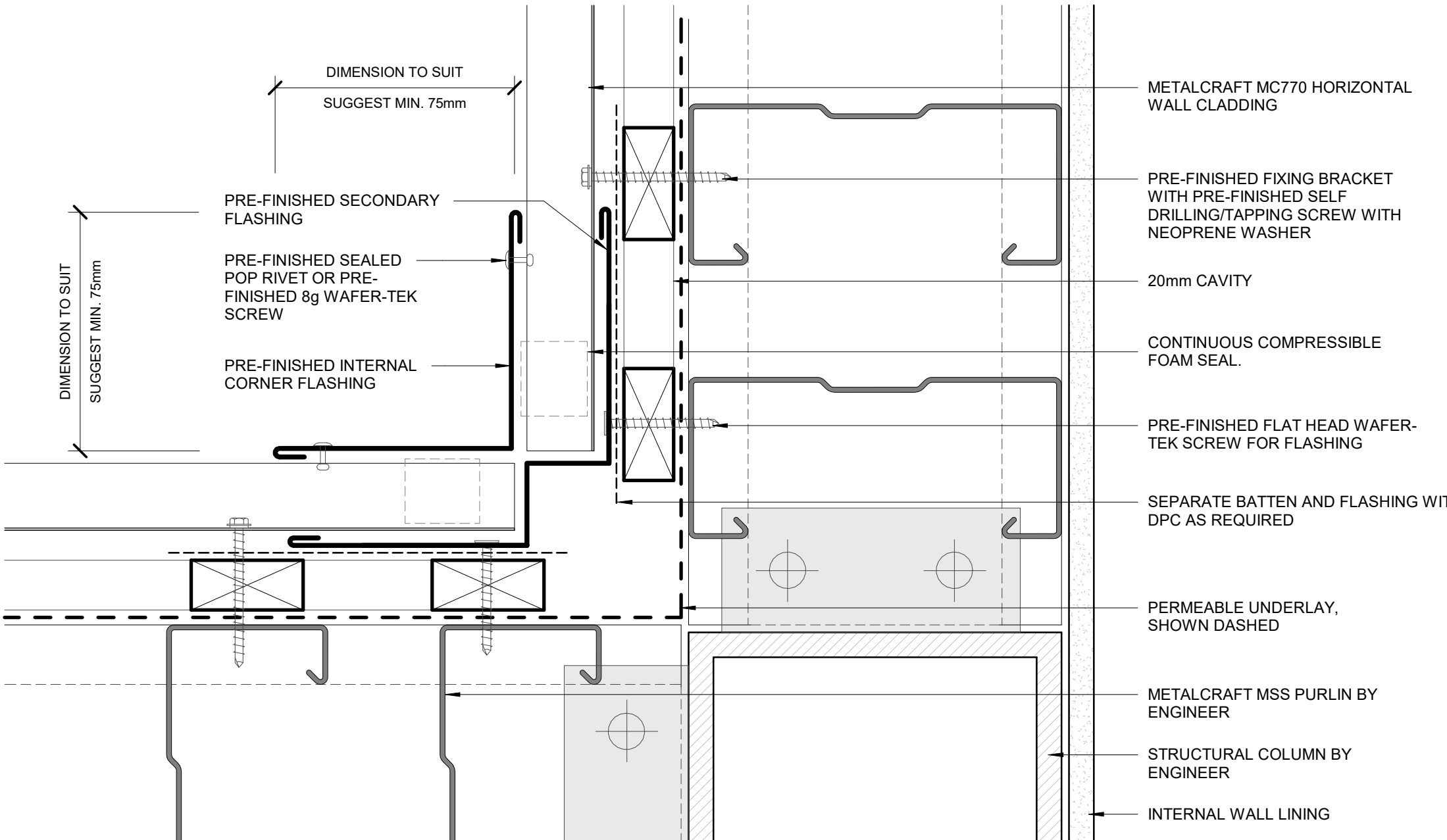


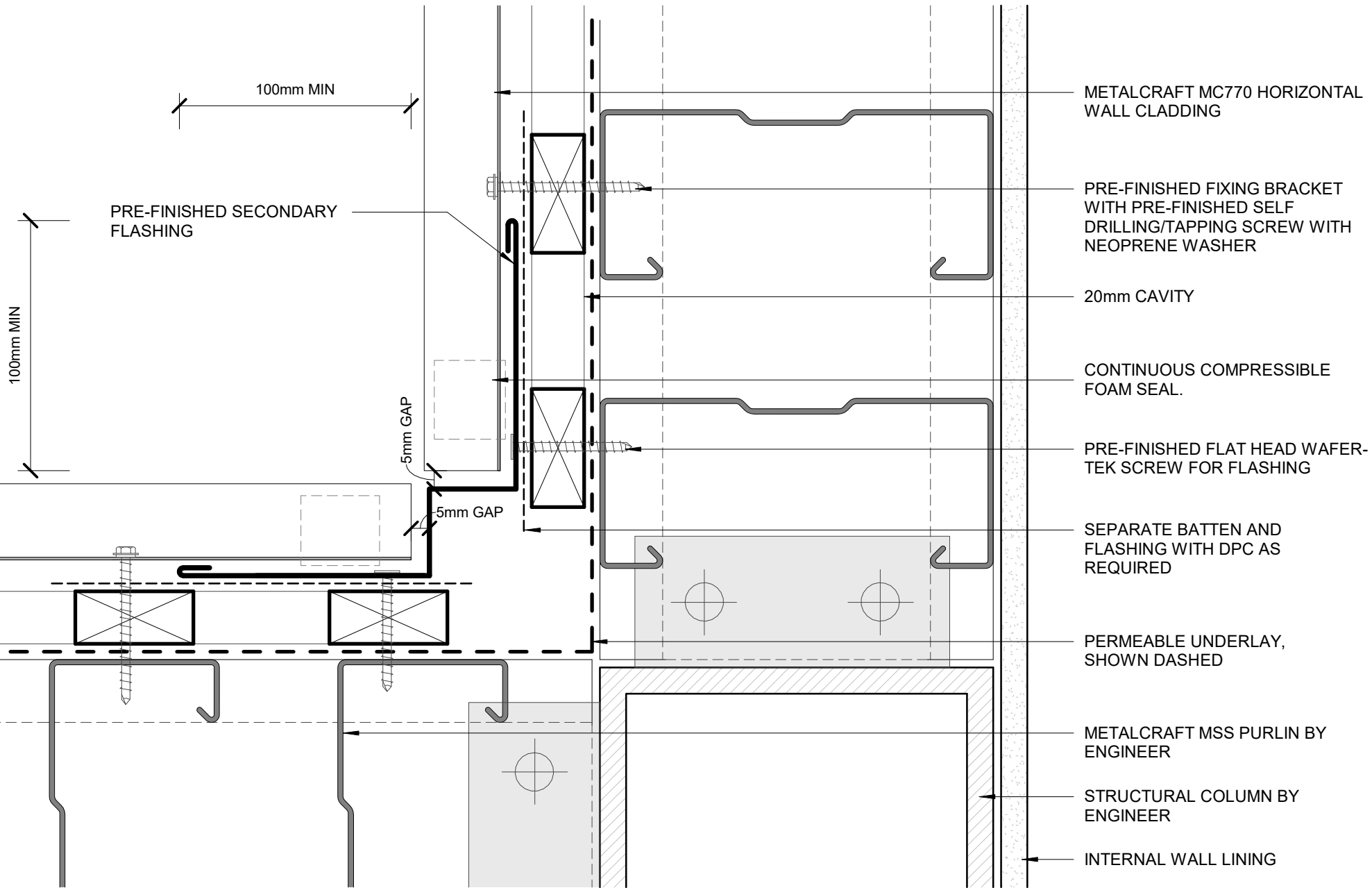
**METERBOX SILL**

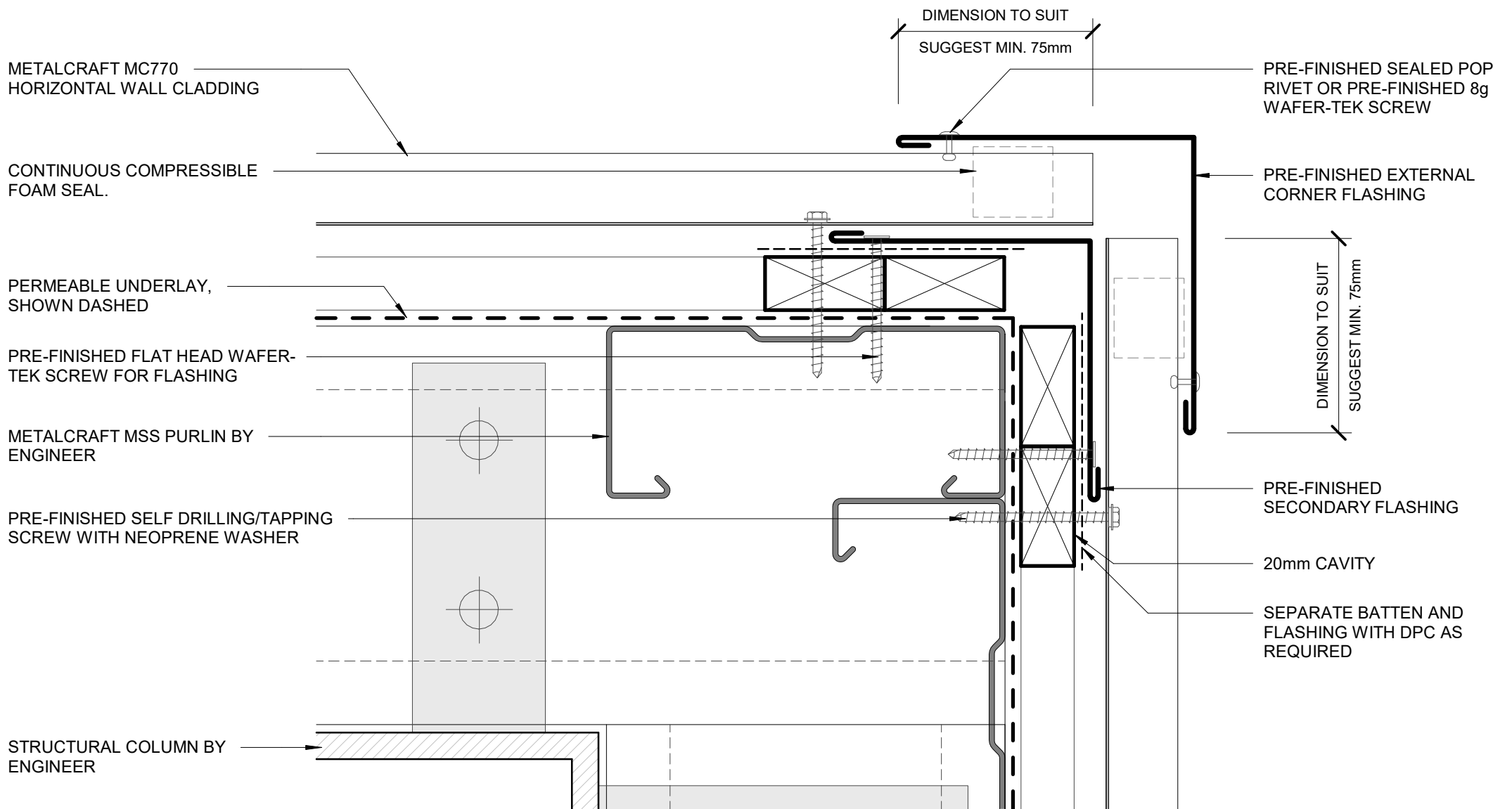
**COMMERCIAL HORIZONTAL CLADDING**

**DISCLAIMER:**  
 All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 3.0 / 2022, E2 and all other relevant building codes.  
 Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.









METALCRAFT MC770  
HORIZONTAL WALL CLADDING

CONTINUOUS COMPRESSIBLE  
FOAM SEAL.

PERMEABLE UNDERLAY,  
SHOWN DASHED

PRE-FINISHED FLAT HEAD WAFER-  
TEK SCREW FOR FLASHING

METALCRAFT MSS PURLIN BY  
ENGINEER

PRE-FINISHED SELF DRILLING/TAPPING  
SCREW WITH NEOPRENE WASHER

STRUCTURAL COLUMN BY  
ENGINEER

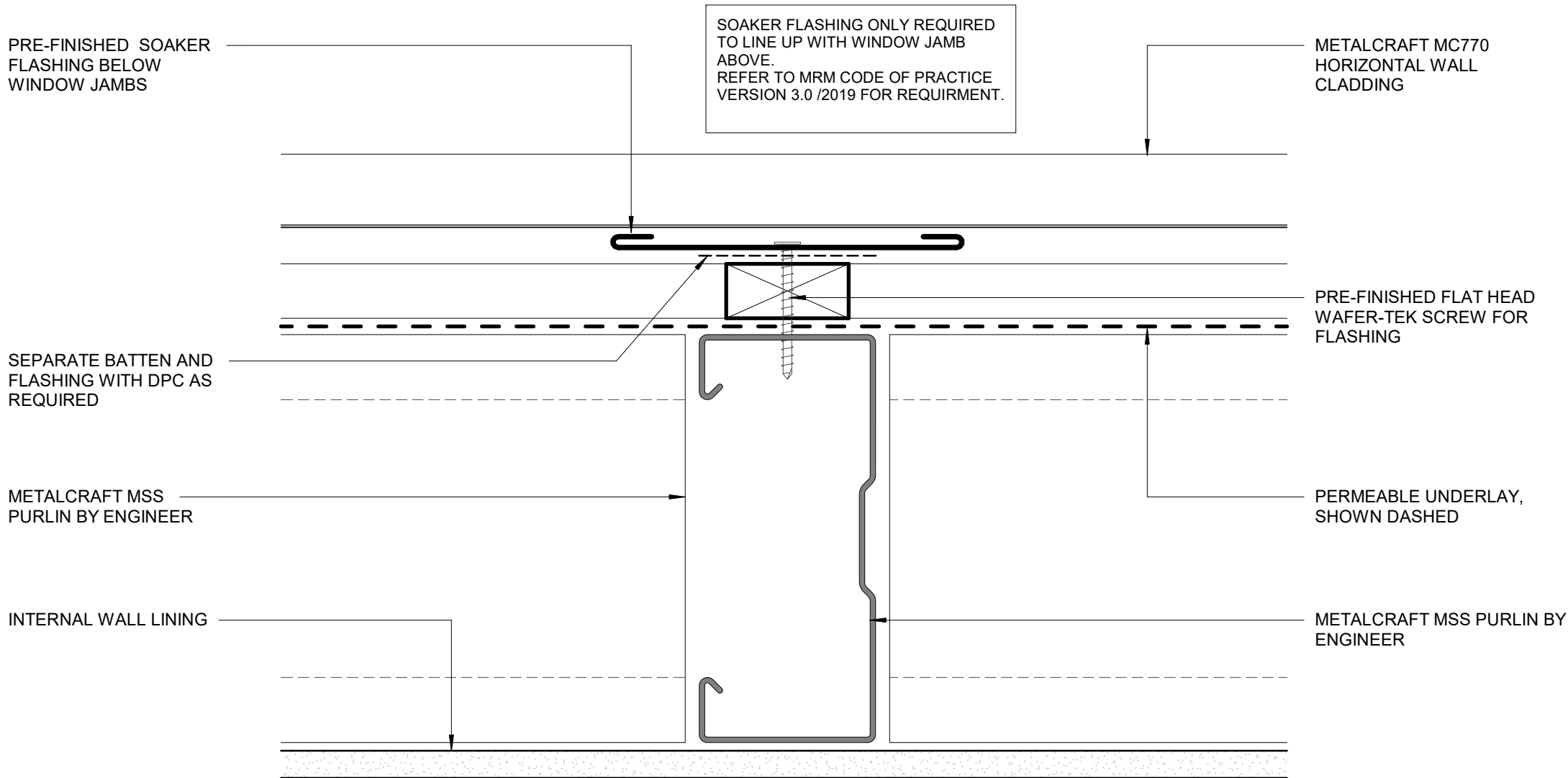
DIMENTION TO SUIT 10mm MAX  
SUGGEST MIN. 100mm

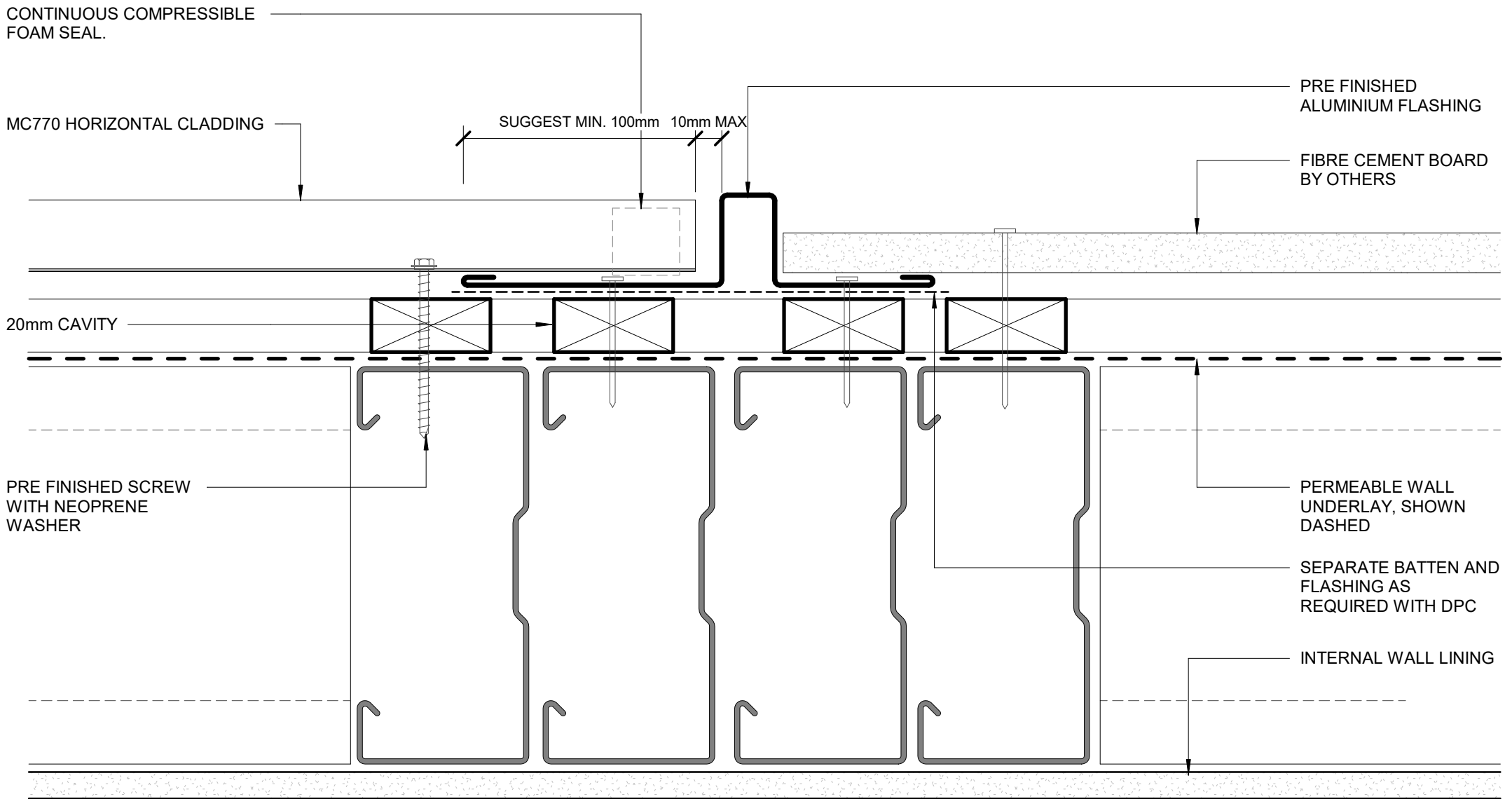
DIMENTION TO SUIT 10mm MAX  
SUGGEST MIN. 100mm

PRE-FINISHED  
SECONDARY FLASHING

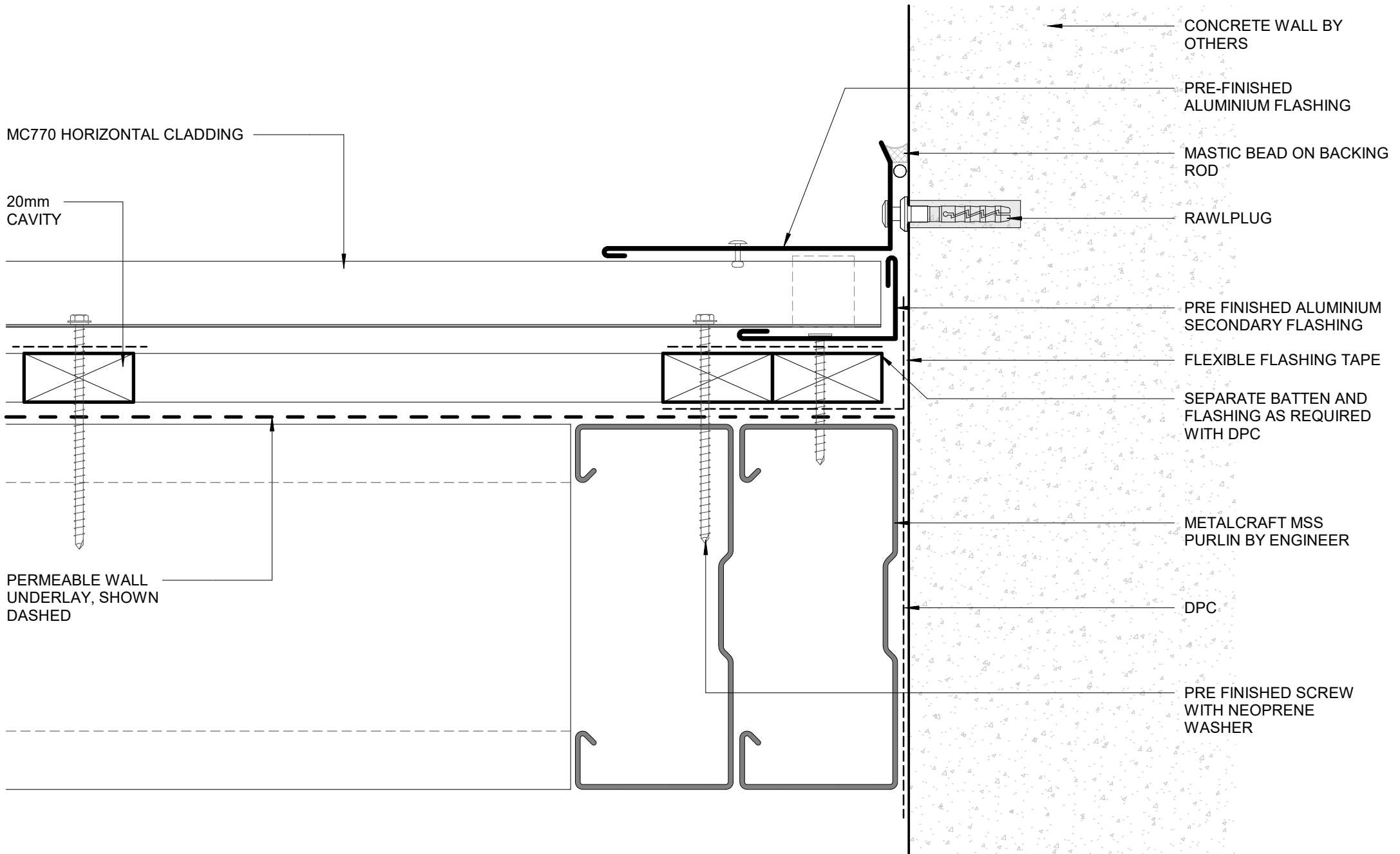
20mm CAVITY

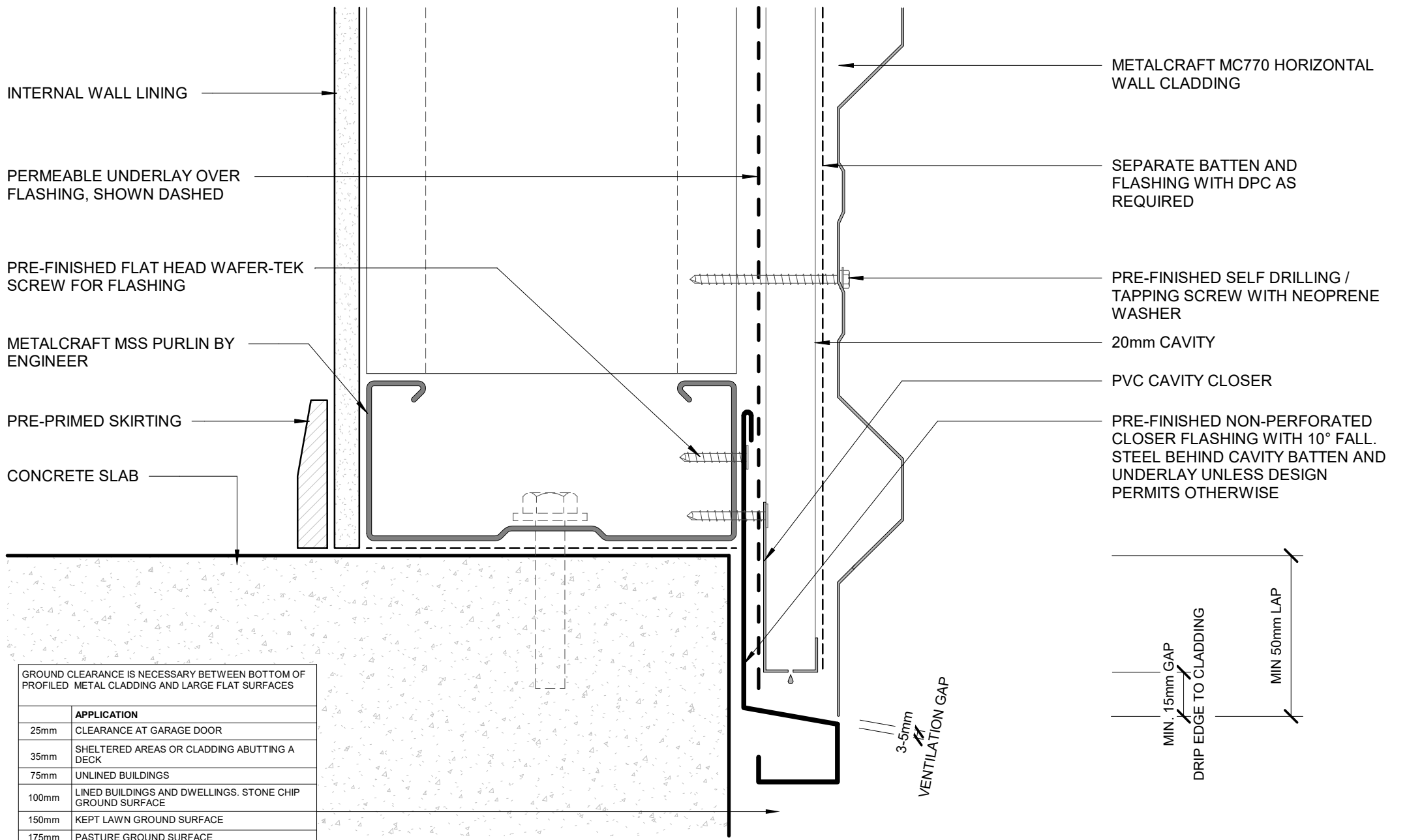
SEPARATE BATTEN AND  
FLASHING WITH DPC AS  
REQUIRED









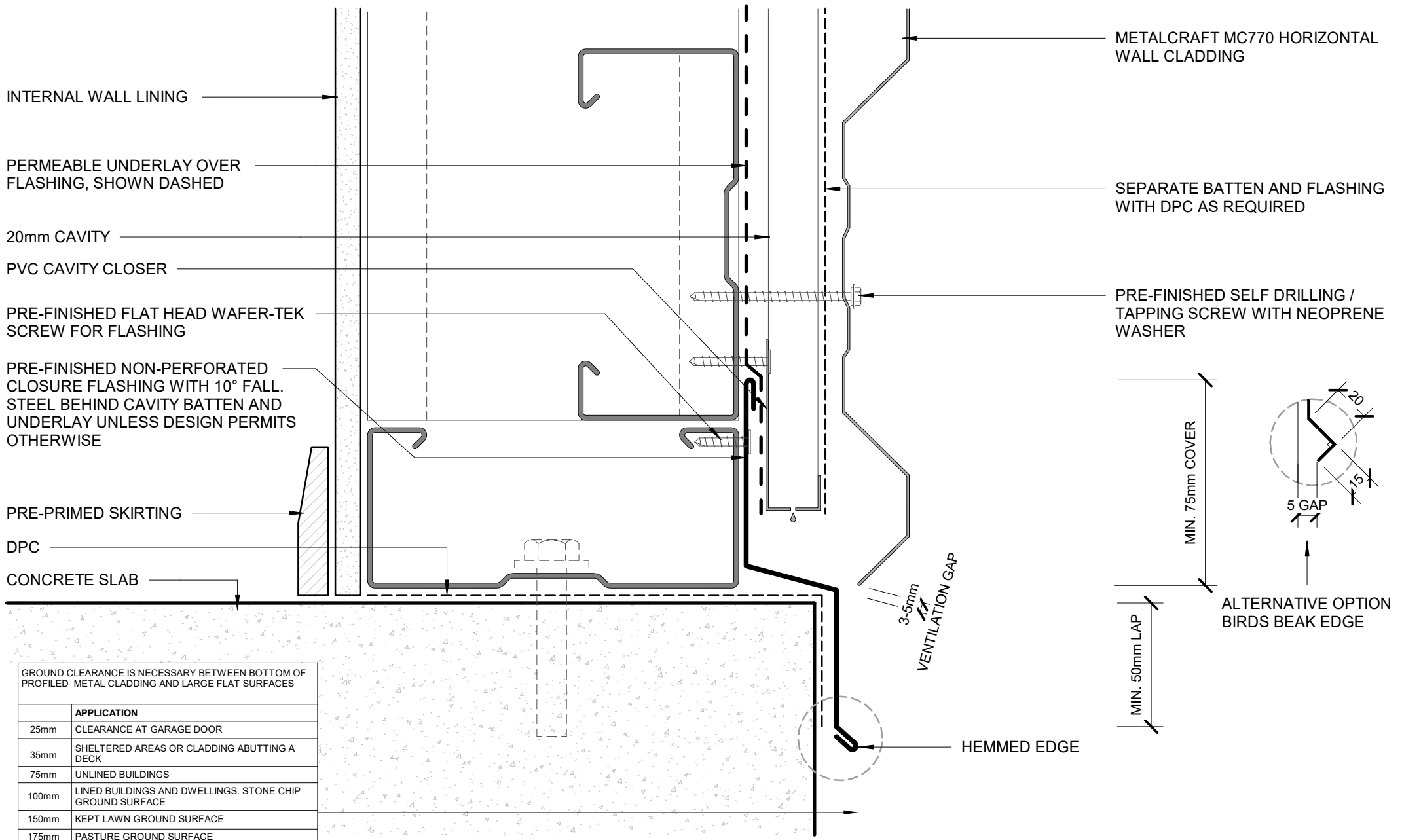


GROUND CLEARANCE IS NECESSARY BETWEEN BOTTOM OF PROFILED METAL CLADDING AND LARGE FLAT SURFACES

	APPLICATION
25mm	CLEARANCE AT GARAGE DOOR
35mm	SHELTERED AREAS OR CLADDING ABUTTING A DECK
75mm	UNLINED BUILDINGS
100mm	LINED BUILDINGS AND DWELLINGS. STONE CHIP GROUND SURFACE
150mm	KEPT LAWN GROUND SURFACE
175mm	PASTURE GROUND SURFACE

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**BOTTOM OF CLADDING (FLUSH)**  
**COMMERCIAL HORIZONTAL CLADDING**



INTERNAL WALL LINING

PERMEABLE UNDERLAY OVER FLASHING, SHOWN DASHED

20mm CAVITY

PVC CAVITY CLOSER

PRE-FINISHED FLAT HEAD WAFER-TEK SCREW FOR FLASHING

PRE-FINISHED NON-PERFORATED CLOSURE FLASHING WITH 10° FALL. STEEL BEHIND CAVITY BATTEN AND UNDERLAY UNLESS DESIGN PERMITS OTHERWISE

PRE-PRIMED SKIRTING

DPC

CONCRETE SLAB

METALCRAFT MC770 HORIZONTAL WALL CLADDING

SEPARATE BATTEN AND FLASHING WITH DPC AS REQUIRED

PRE-FINISHED SELF DRILLING / TAPPING SCREW WITH NEOPRENE WASHER

3-5mm VENTILATION GAP

HEMMED EDGE

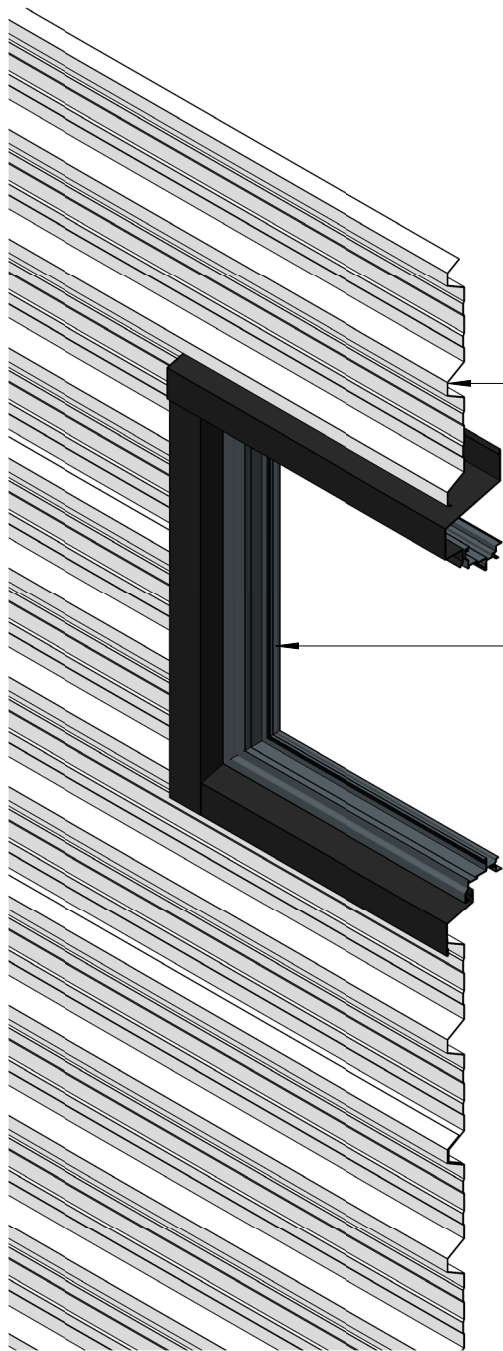
MIN. 75mm COVER

ALTERNATIVE OPTION BIRDS BEAK EDGE

MIN. 50mm LAP

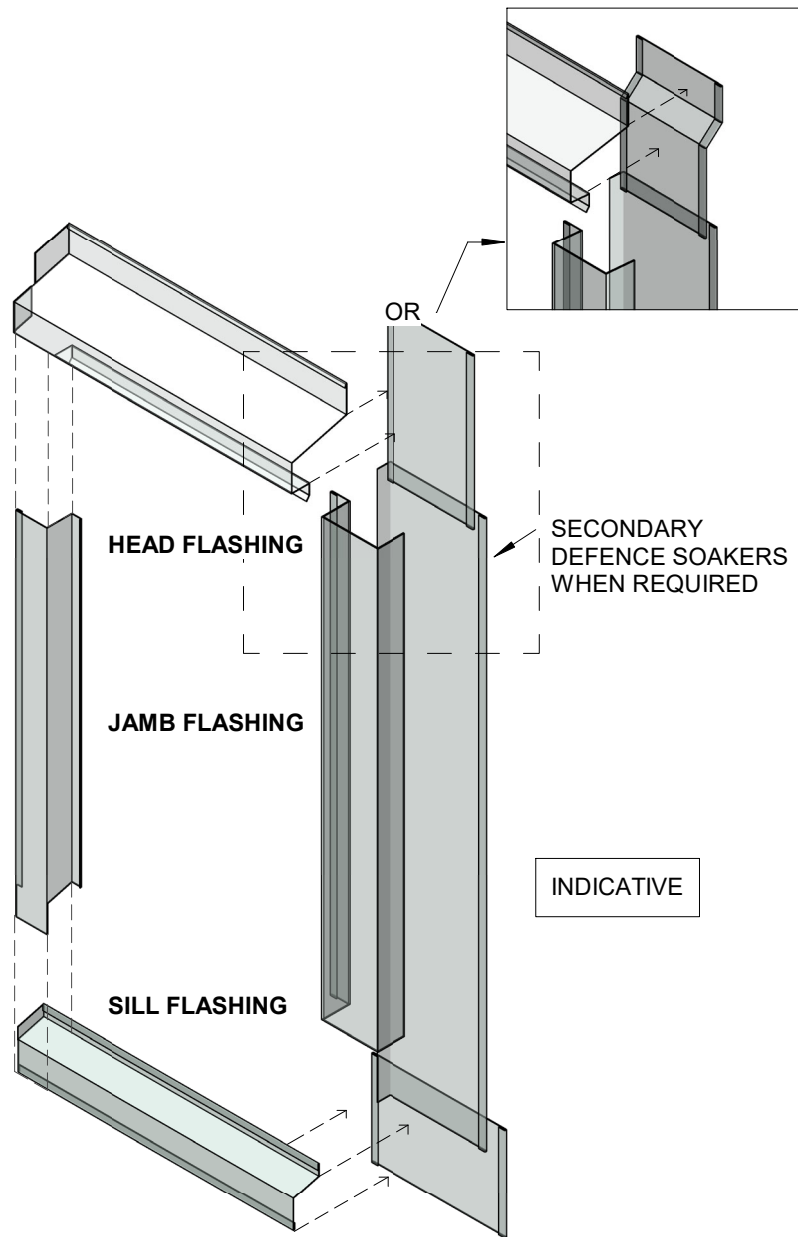
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METALCRAFT  
MC770  
HORIZONTAL  
CLADDING

ALUMINIUM  
WINDOW  
JOINERY



HEAD FLASHING

JAMB FLASHING

SILL FLASHING

OR

SECONDARY  
DEFENCE SOAKERS  
WHEN REQUIRED

INDICATIVE

