

Espan 340[®] / 470[®]

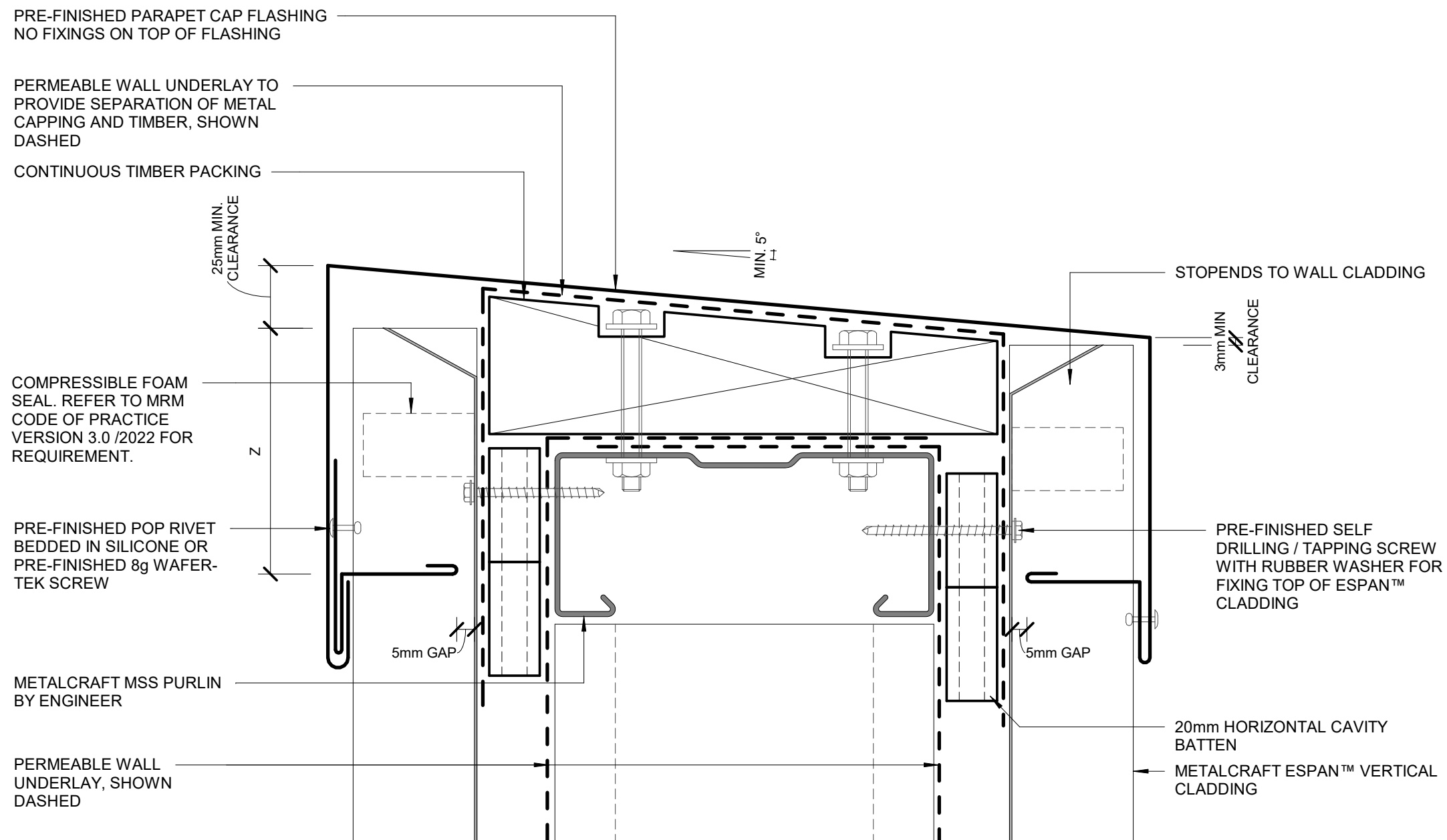
COMMERCIAL VERTICAL CLADDING

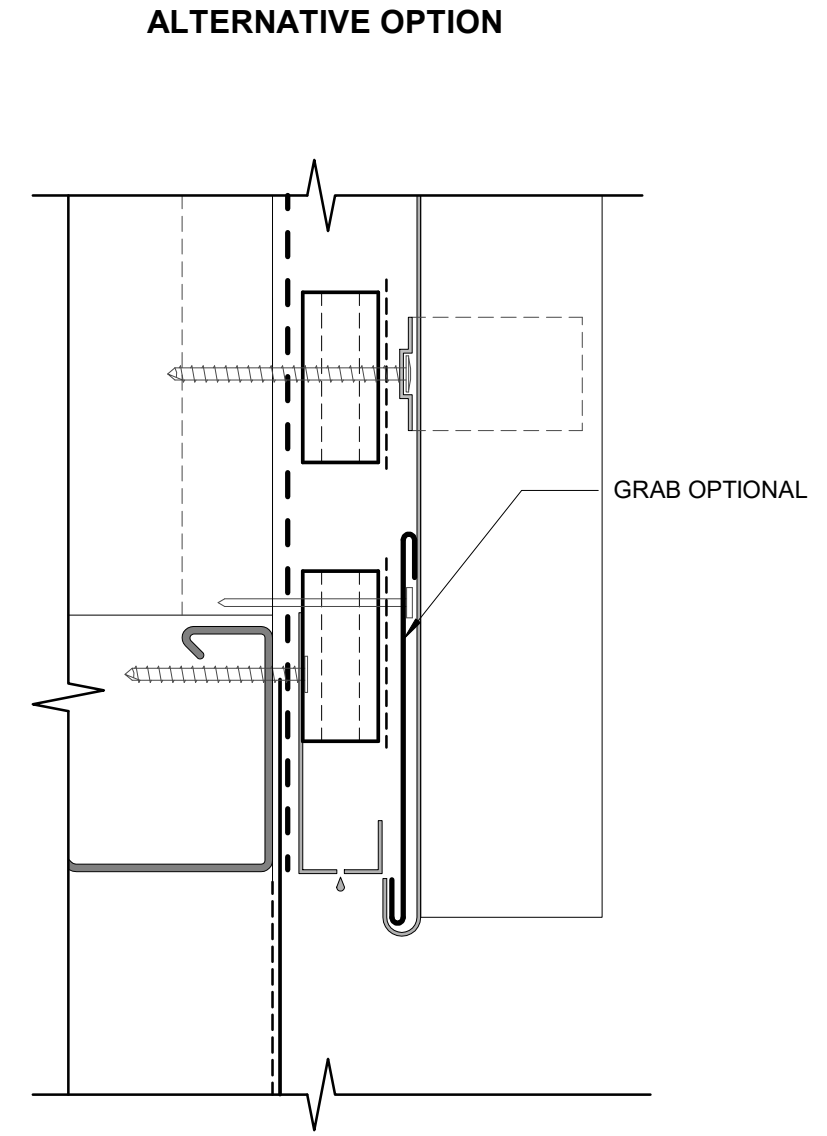
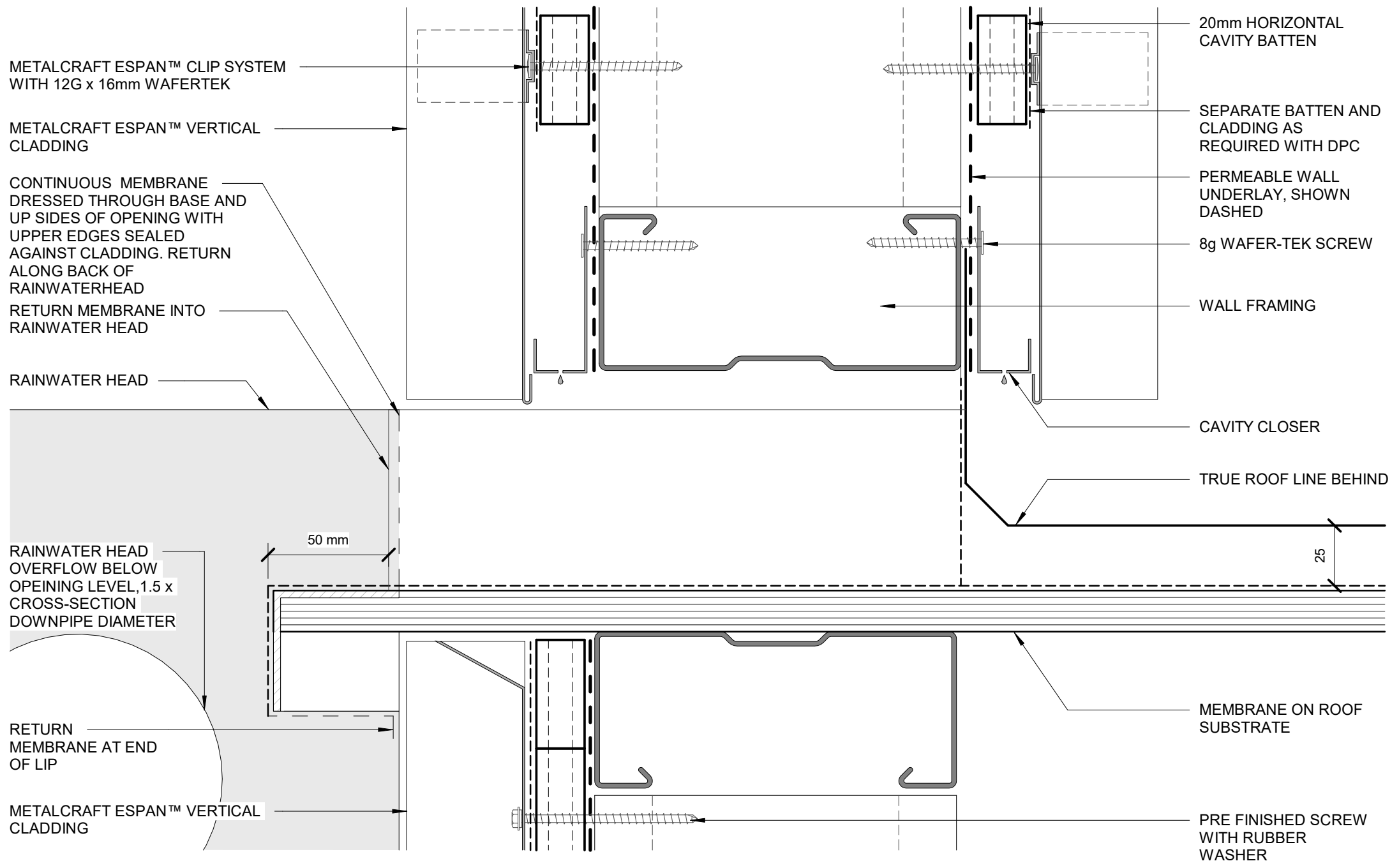
DETAIL LIST

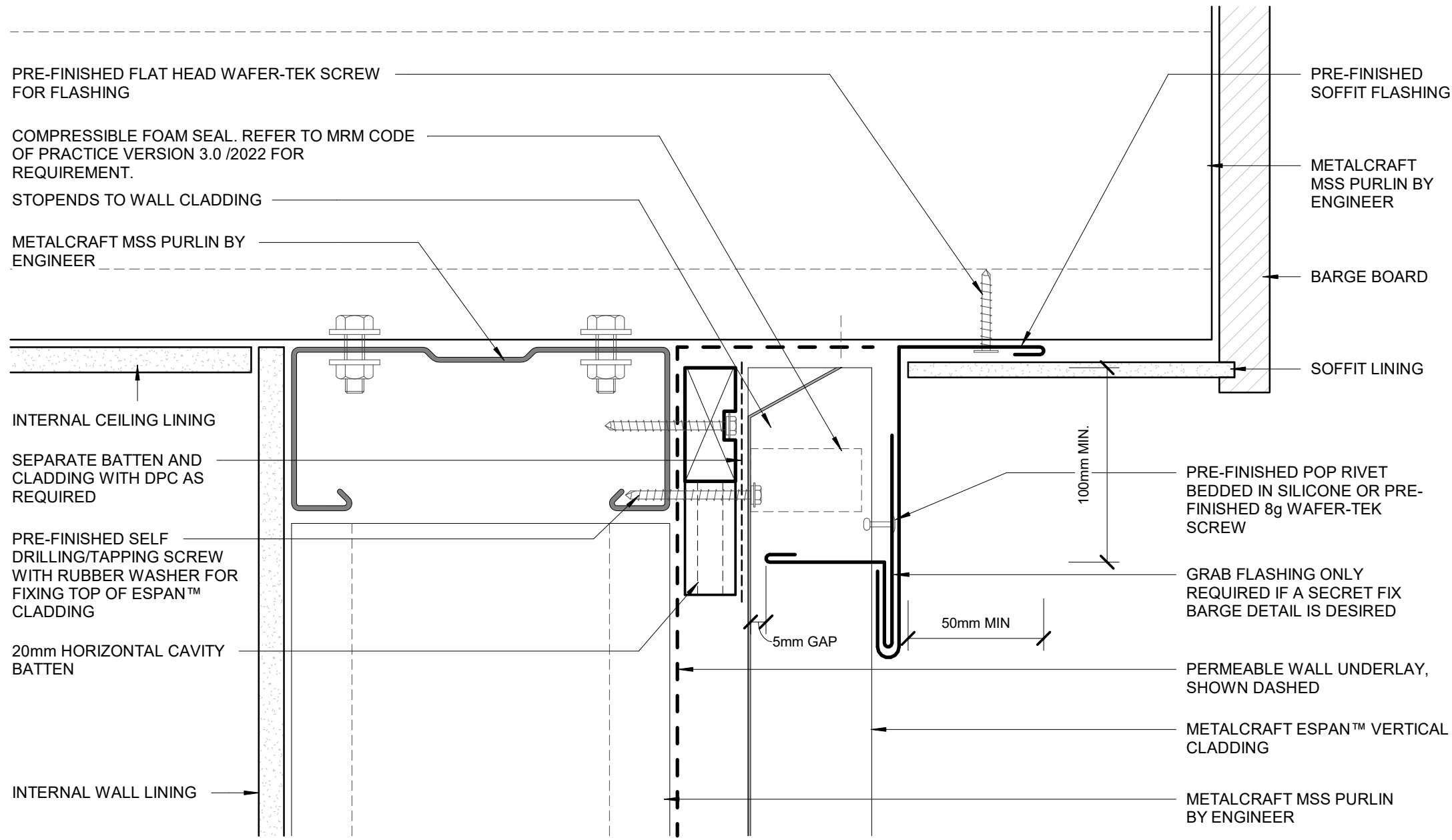
		<u>Revision</u>	<u>Date</u>
E 01	PARAPET AND BALUSTRADE CAPPING	2.0	JAN 2023
E 02	SCUPPER W/ RAINWATER HEAD	2.0	JAN 2023
E 03	SOFFIT	2.0	JAN 2023
E 04	BUTT WINDOW HEAD	2.0	JAN 2023
E 05	BUTT WINDOW SILL	2.0	JAN 2023
E 06	BUTT WINDOW JAMB	2.0	JAN 2023
E 07	RECESSED WINDOW HEAD	2.0	JAN 2023
E 08	RECESSED WINDOW SILL	2.0	JAN 2023
E 09	RECESSED WINDOW JAMB	2.0	JAN 2023
E 10	METERBOX HEAD	2.0	JAN 2023
E 11	METERBOX SILL	2.0	JAN 2023
E 12	METERBOX JAMB	2.0	JAN 2023
E 13	INTERNAL CORNER	2.0	JAN 2023
E 14	EXTERNAL CORNER	2.0	JAN 2023
E 15	SOAKER FLASHING	2.0	JAN 2023
E 16	CHANGE IN CLADDING	2.0	JAN 2023
E 17	CLADDING ABUTMENT	2.0	JAN 2023
E 18	BOTTOM OF CLADDING (FLUSH)	2.0	JAN 2023
E 19	BOTTOM OF CLADDING (RECESSED)	2.0	JAN 2023
E 20	3D WINDOW FLASHINGS	2.0	JAN 2023
E 21	3D RAINWATER HEAD	2.0	JAN 2023

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

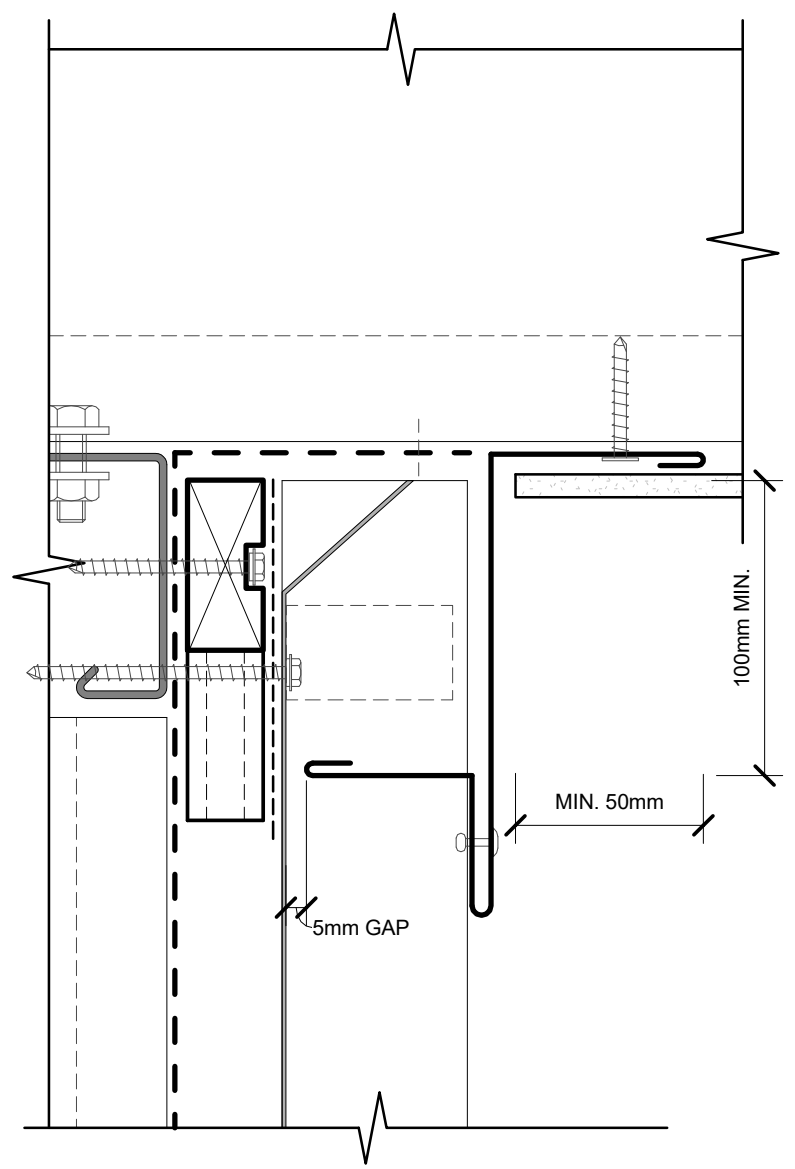
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE	
CATEGORY A 1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	CATEGORY B 1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
Z MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY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

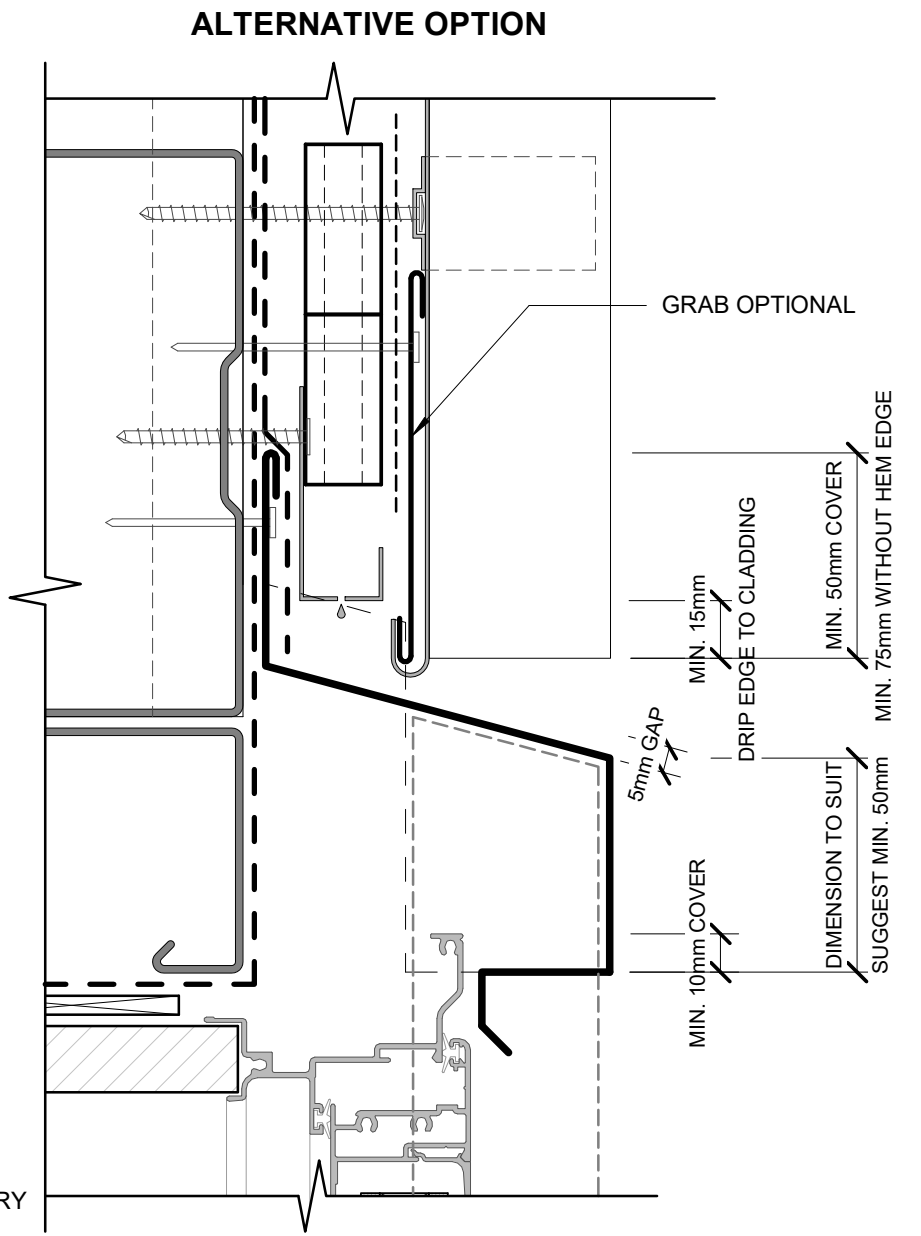
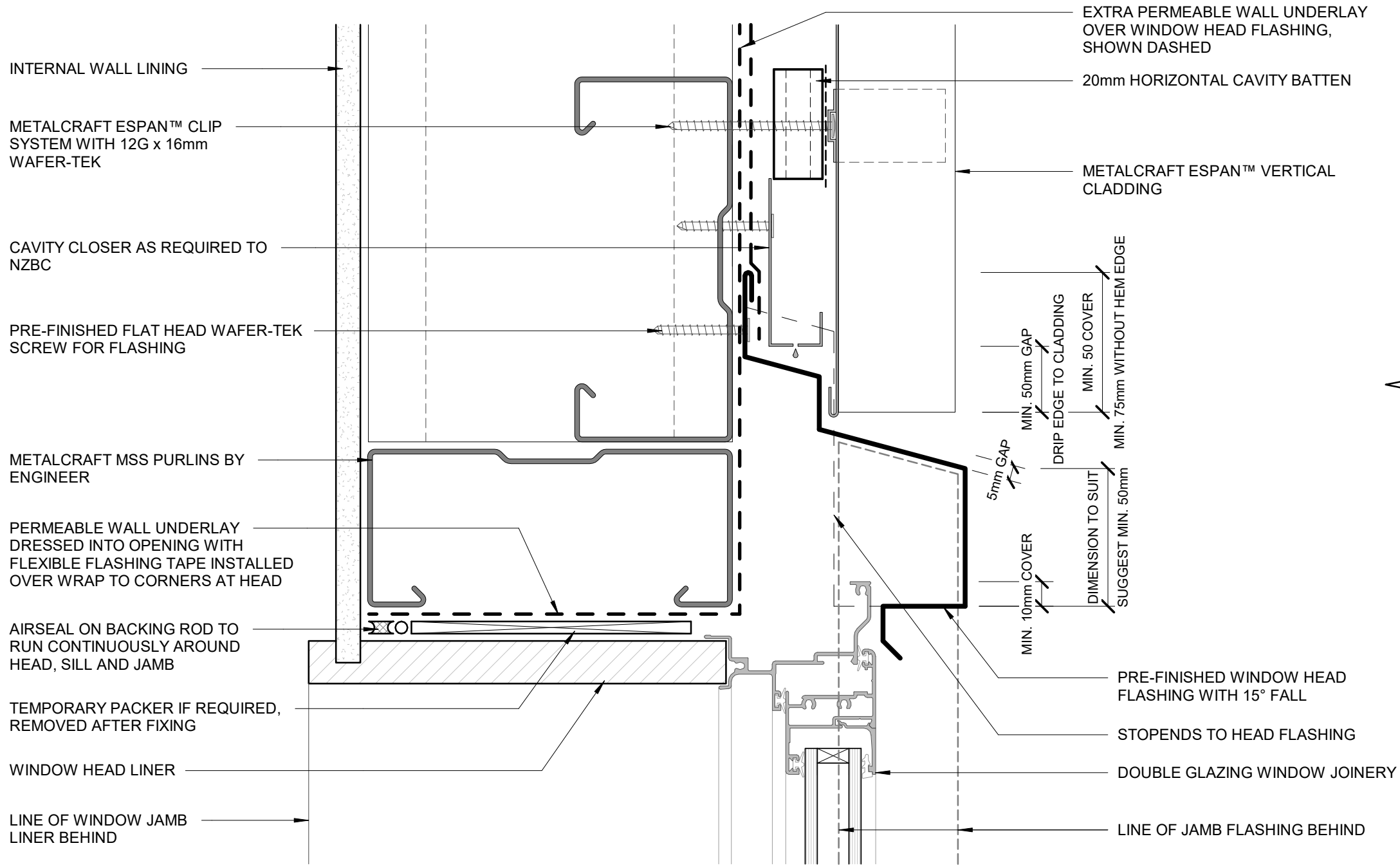


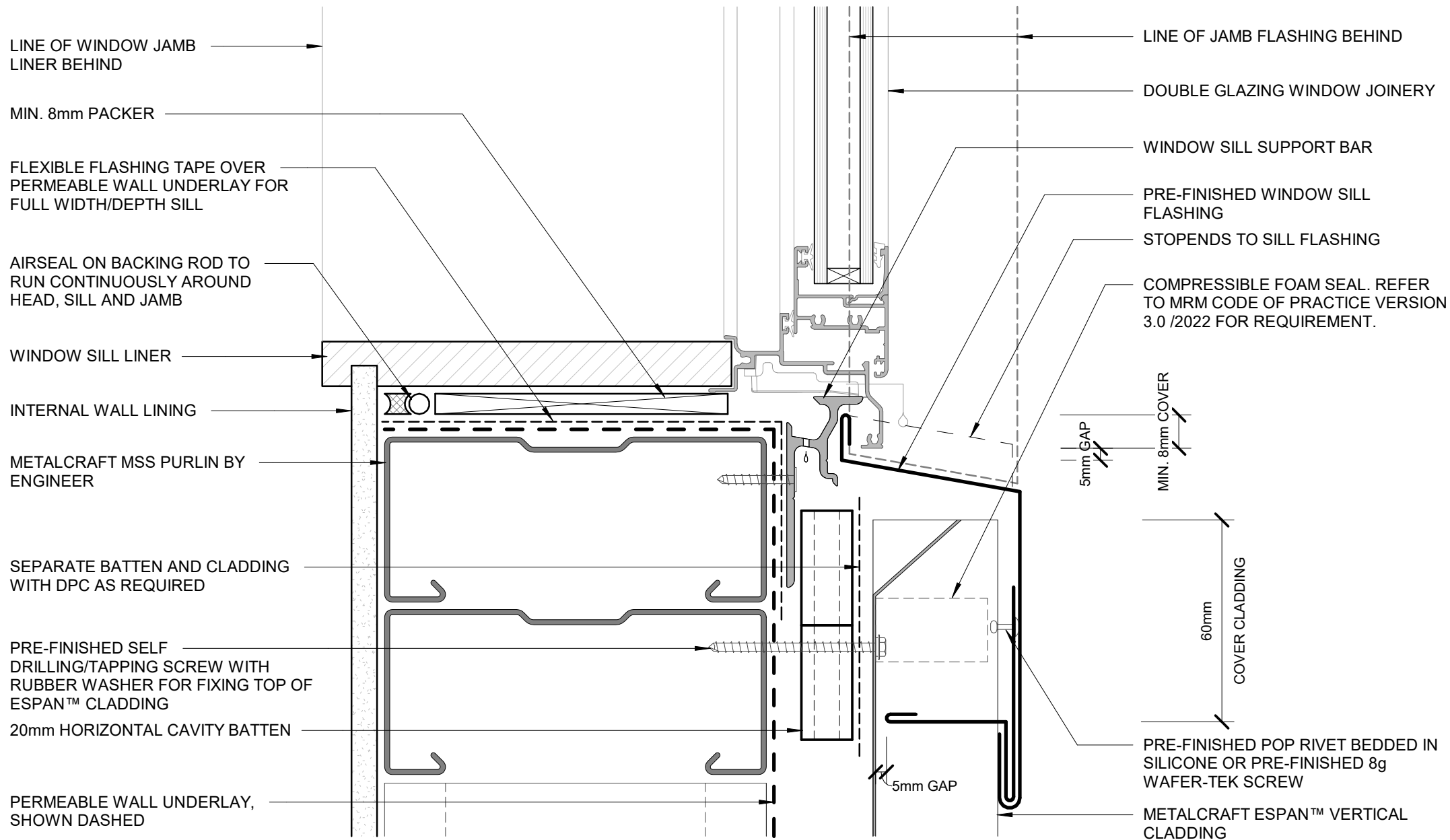




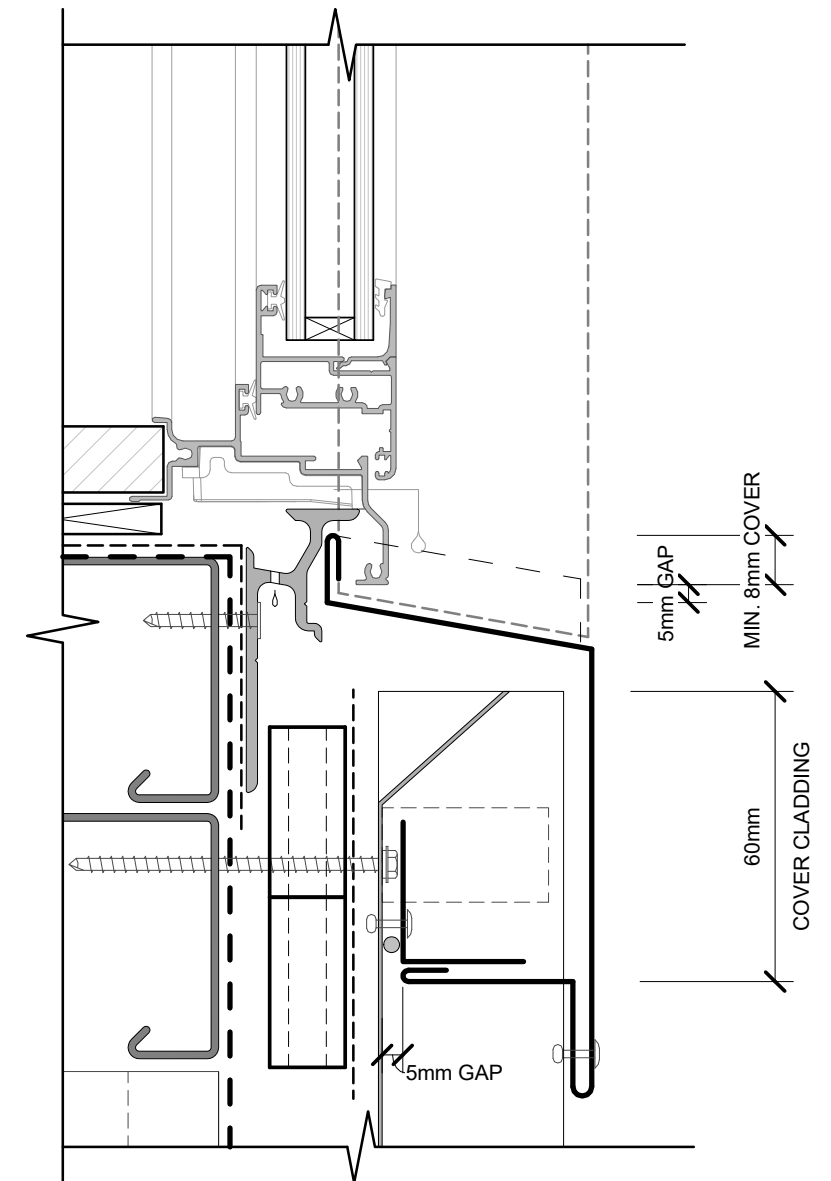
ALTERNATIVE OPTION

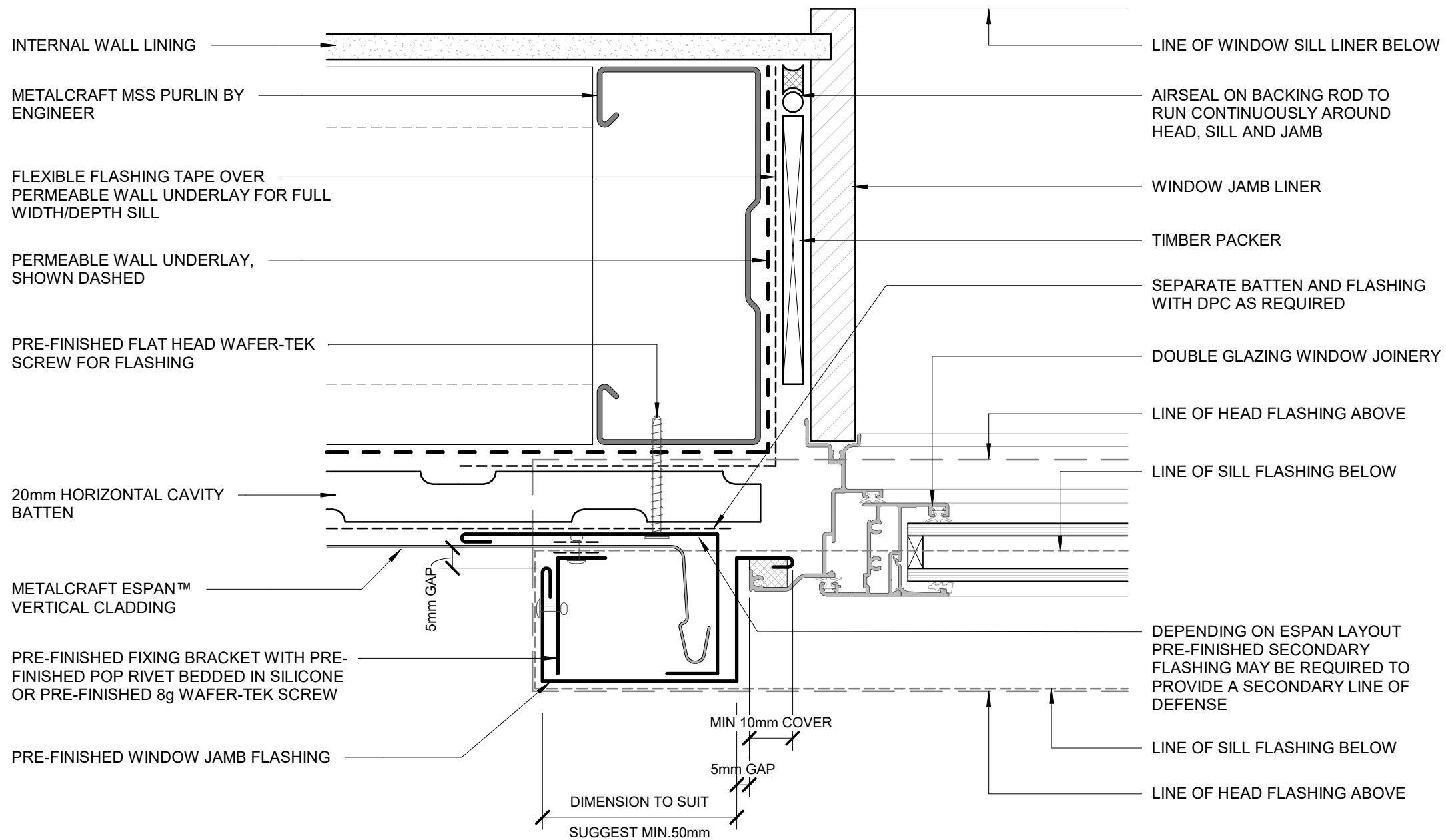






ALTERNATIVE OPTION





INTERNAL WALL LINING

METALCRAFT ESPAN™ CLIP SYSTEM WITH 12G x 16mm WAFER-TEK

CAVITY CLOSER AS REQUIRED TO NZBC

PRE-FINISHED FLAT HEAD WAFER-TEK SCREW FOR FLASHING

METALCRAFT MSS PURLINS BY ENGINEER

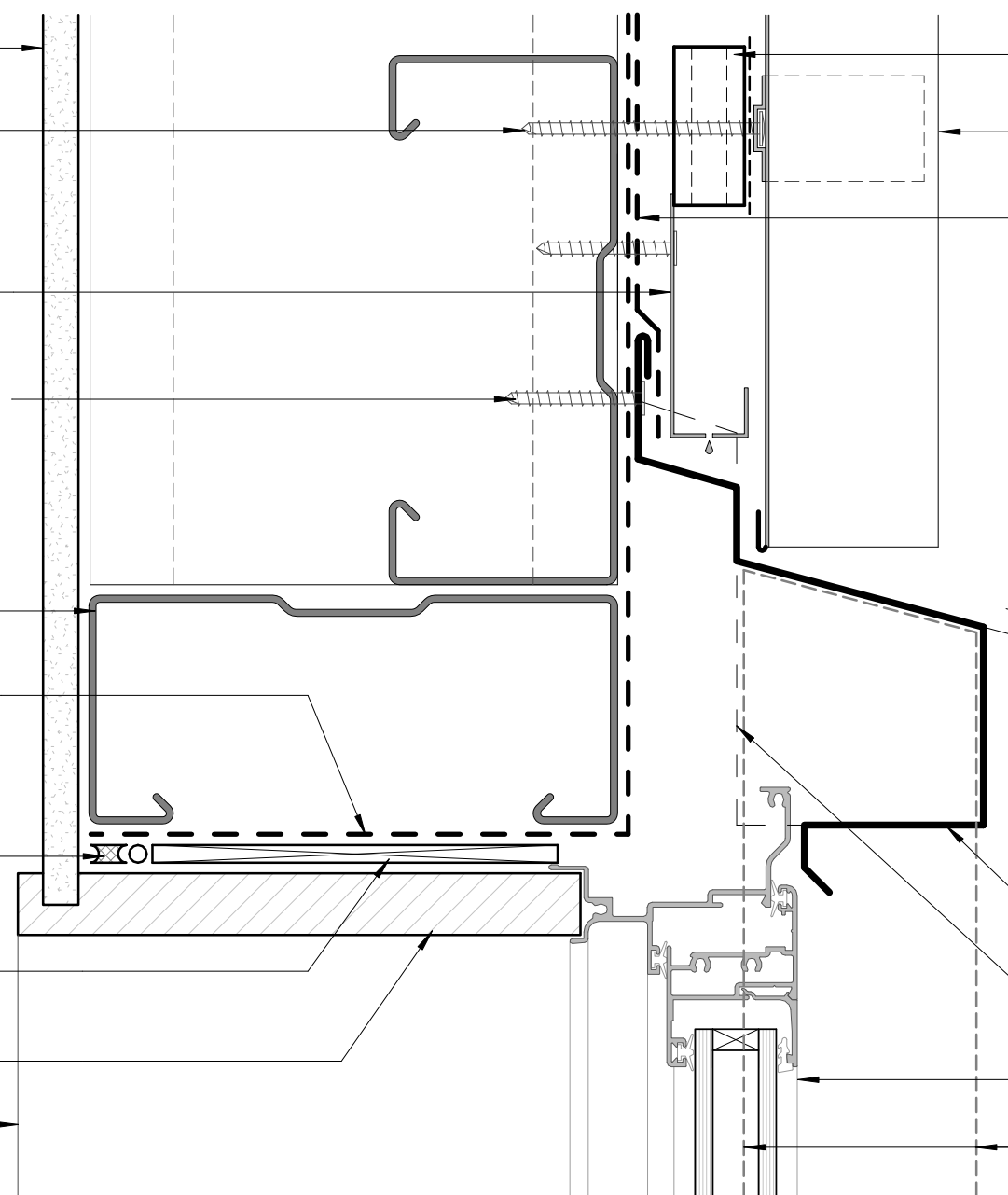
PERMEABLE WALL UNDERLAY DRESSED INTO OPENING WITH FLEXIBLE FLASHING TAPE INSTALLED OVER WRAP TO CORNERS AT HEAD

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

TEMPORARY PACKER IF REQUIRED, REMOVED AFTER FIXING

WINDOW HEAD LINER

LINE OF WINDOW JAMB LINER BEHIND



20mm HORIZONTAL CAVITY BATTEN

METALCRAFT ESPAN™ VERTICAL CLADDING

EXTRA PERMEABLE WALL UNDERLAY OVER WINDOW HEAD FLASHING, SHOWN DASHED

MIN. 15mm GAP

MIN. 50mm COVER

MIN. 75mm WITHOUT HEM EDGE

5mm GAP

DRIP EDGE TO CLADDING

MIN. 10mm COVER

DIMENSION TO SUIT

SUGGEST MIN. 50mm

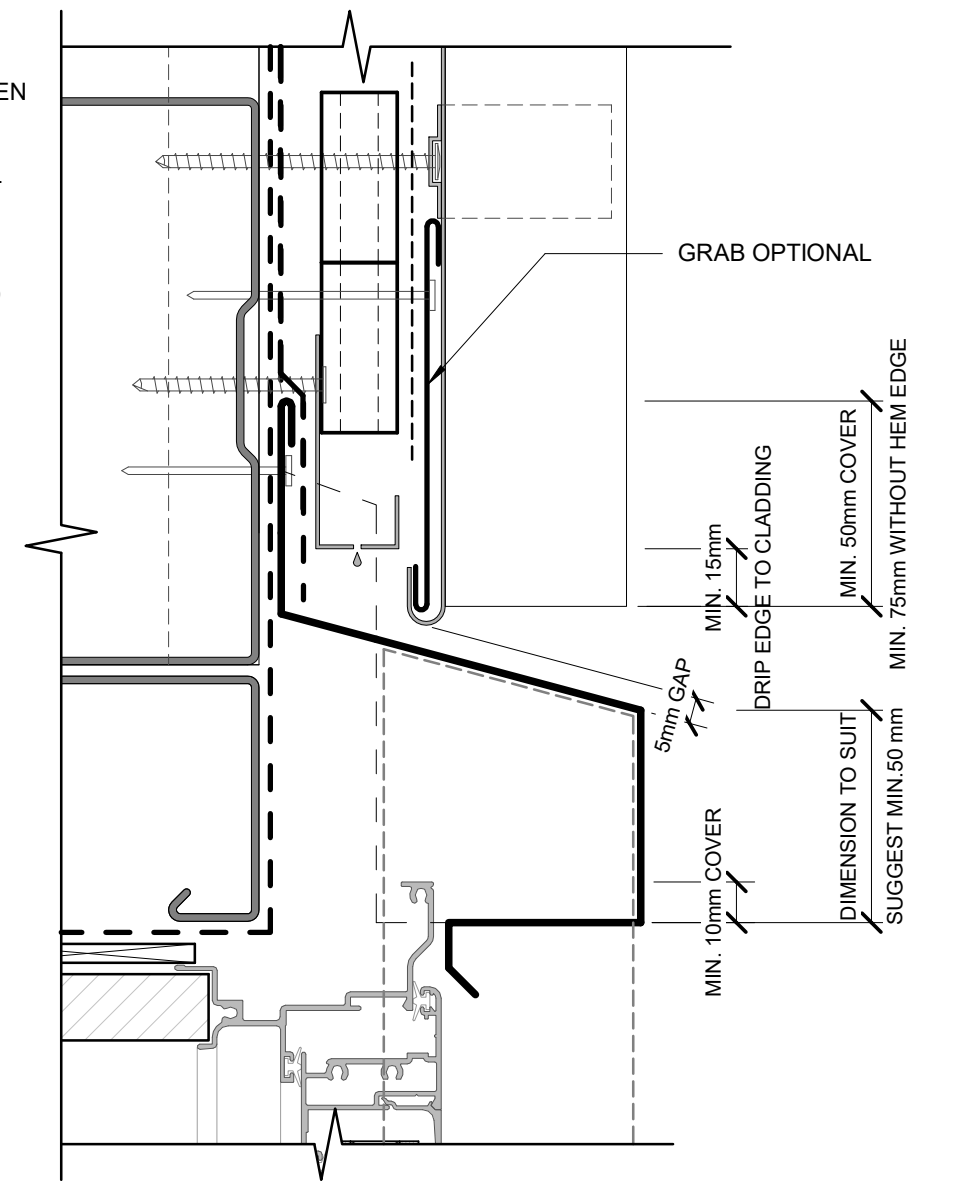
PRE-FINISHED WINDOW HEAD FLASHING WITH 15° FALL

STOPENDS TO HEAD FLASHING

DOUBLE GLAZING WINDOW JOINERY

LINE OF JAMB FLASHING BEHIND

ALTERNATIVE OPTION



GRAB OPTIONAL

MIN. 15mm

MIN. 50mm COVER

MIN. 75mm WITHOUT HEM EDGE

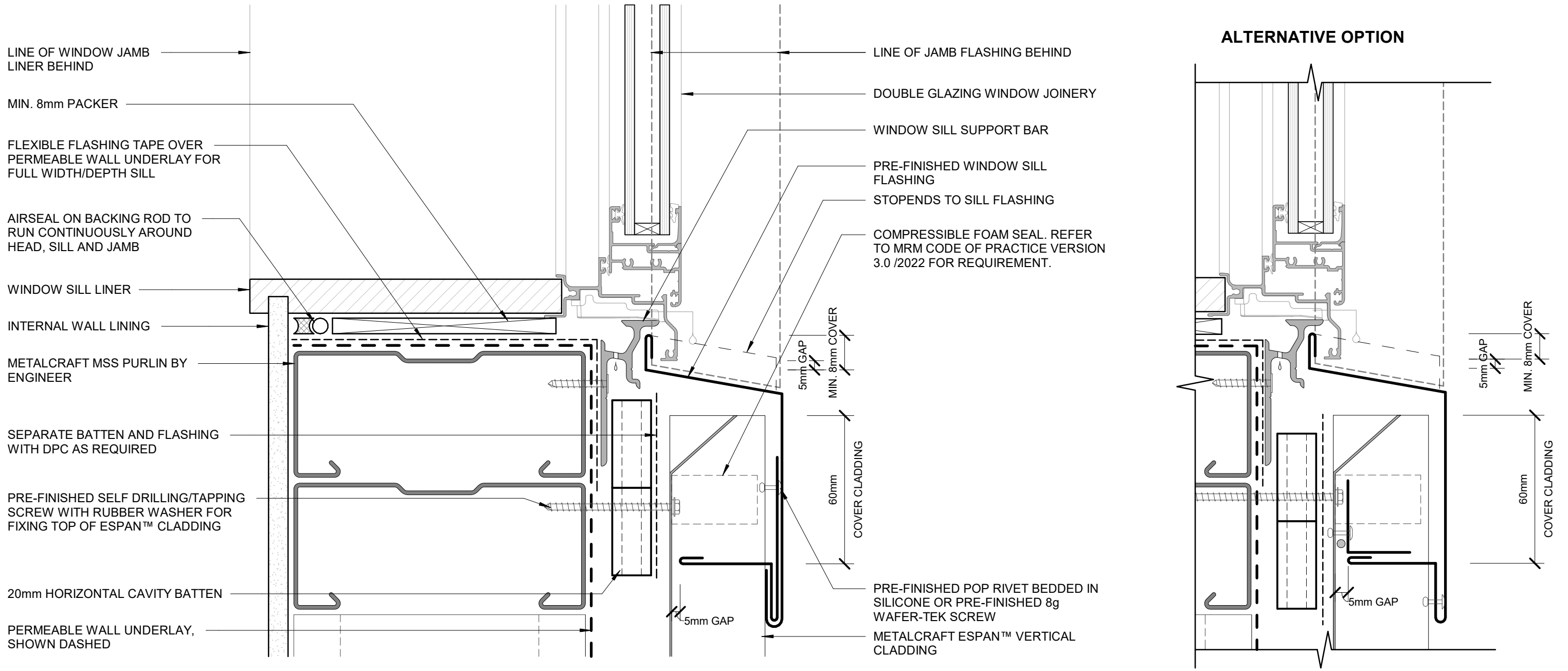
5mm GAP

DRIP EDGE TO CLADDING

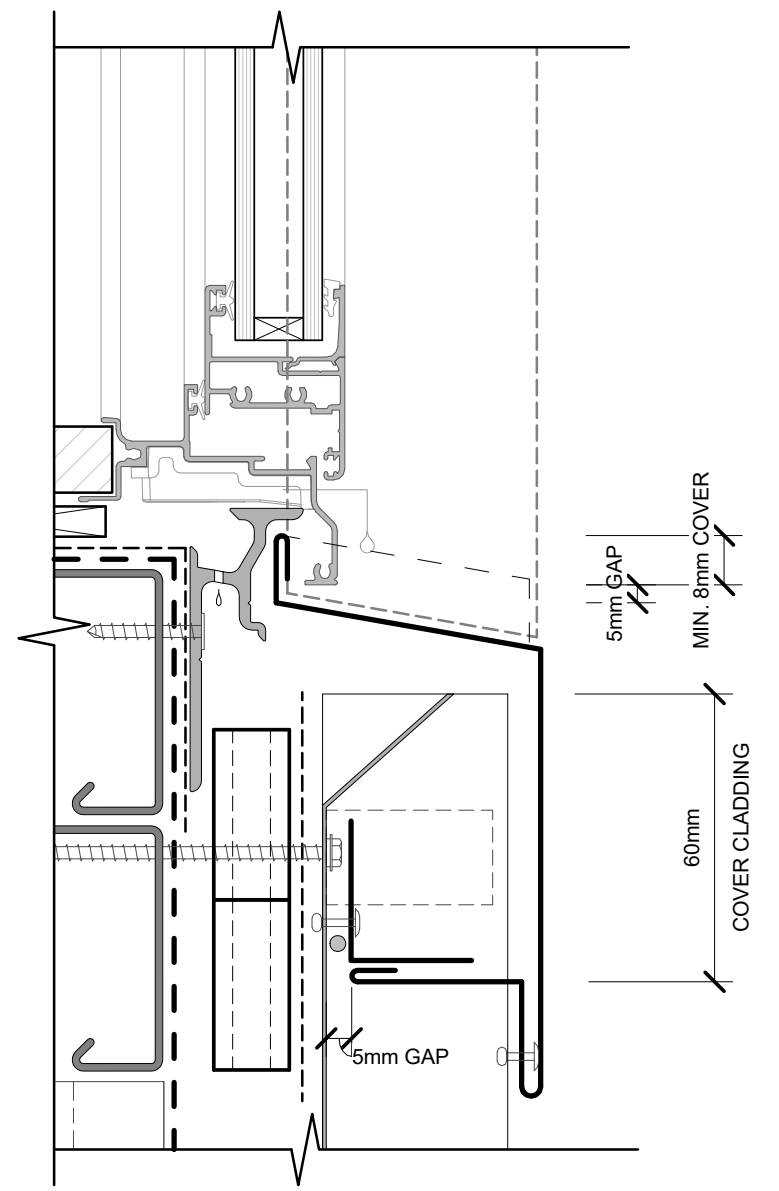
MIN. 10mm COVER

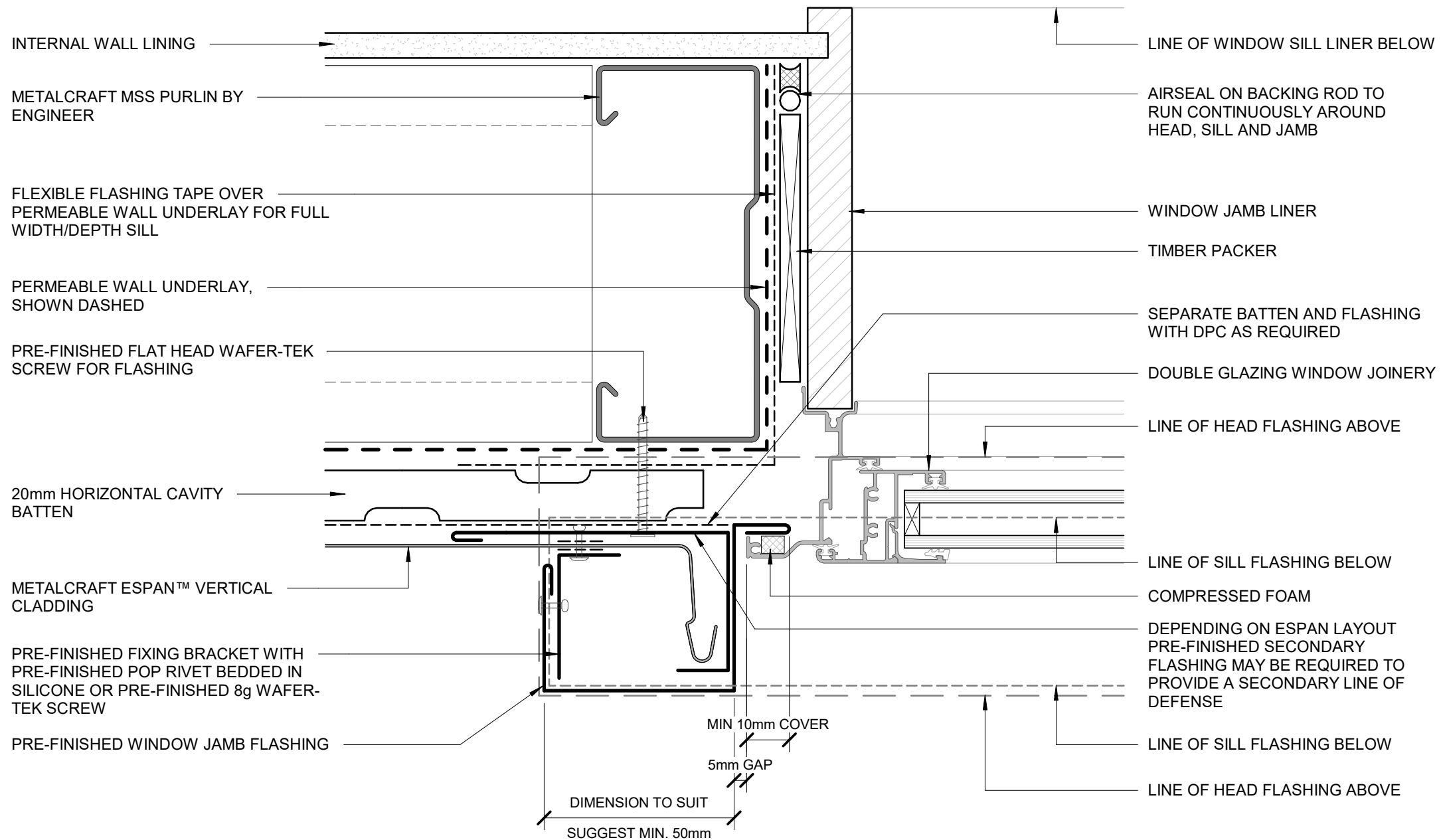
DIMENSION TO SUIT

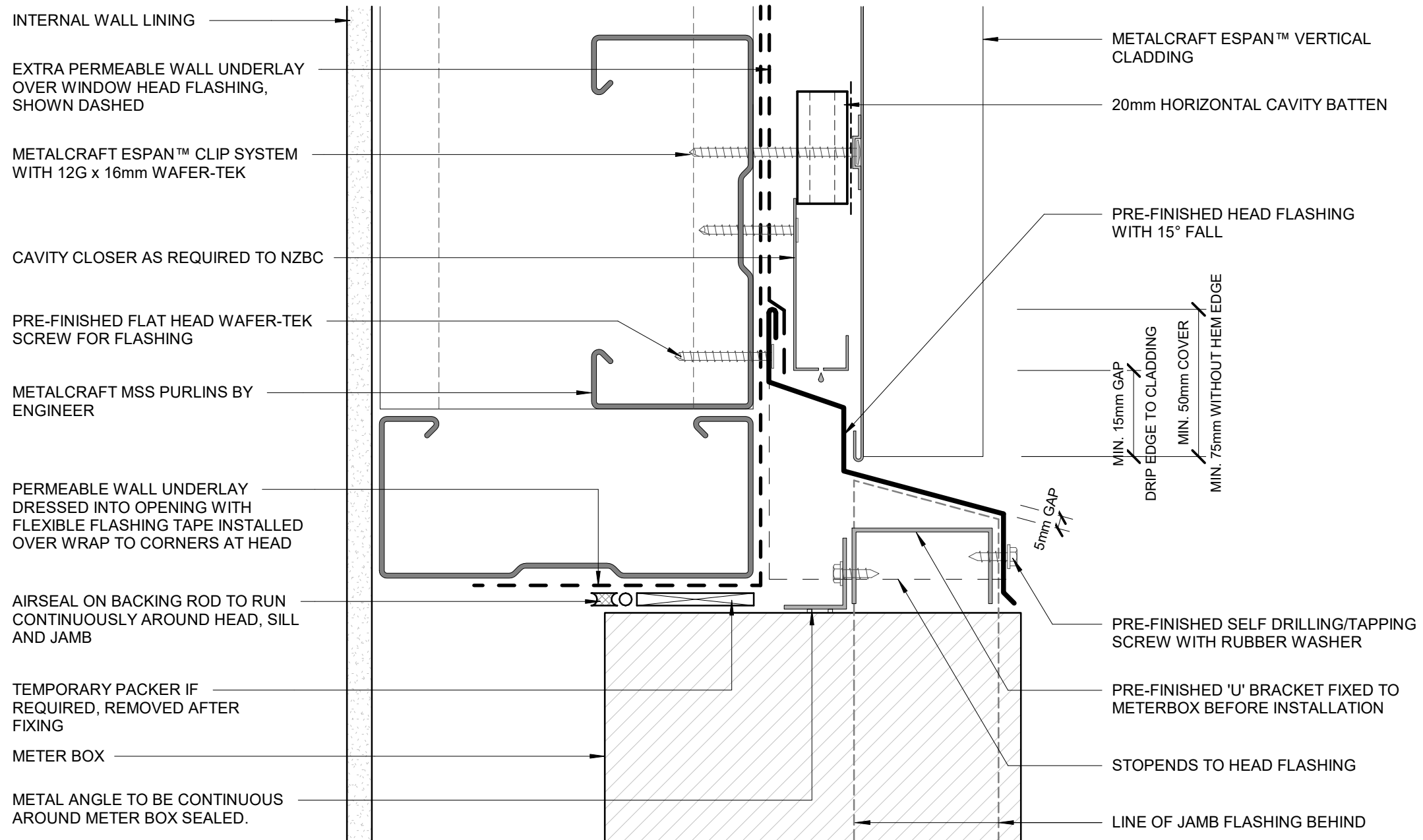
SUGGEST MIN. 50mm

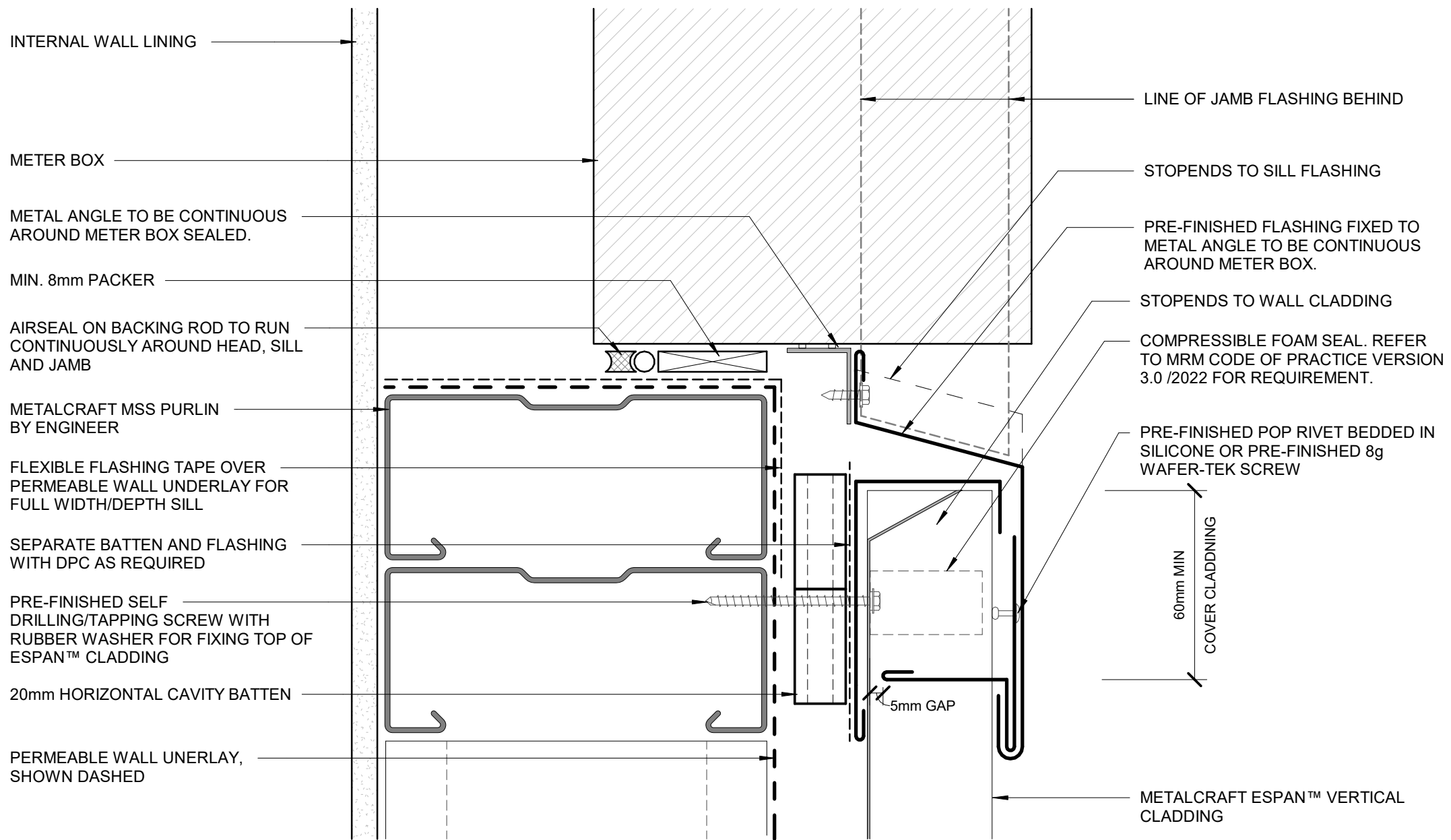


ALTERNATIVE OPTION

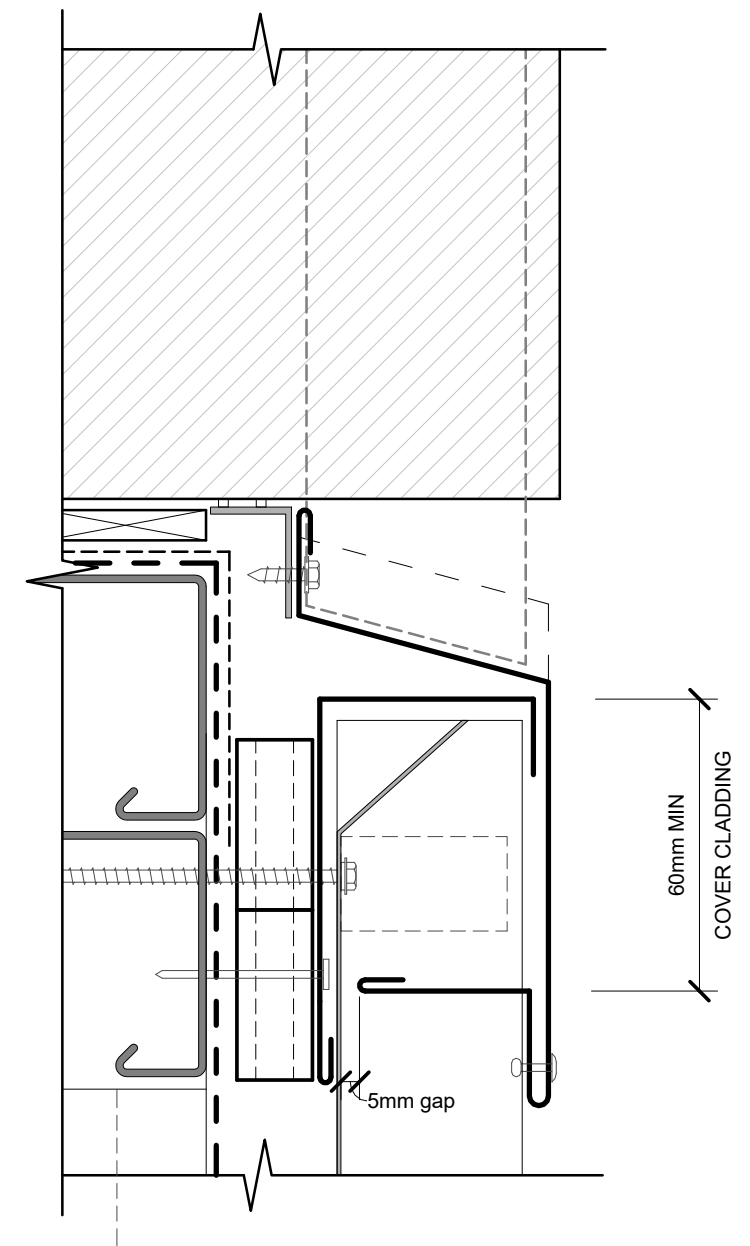


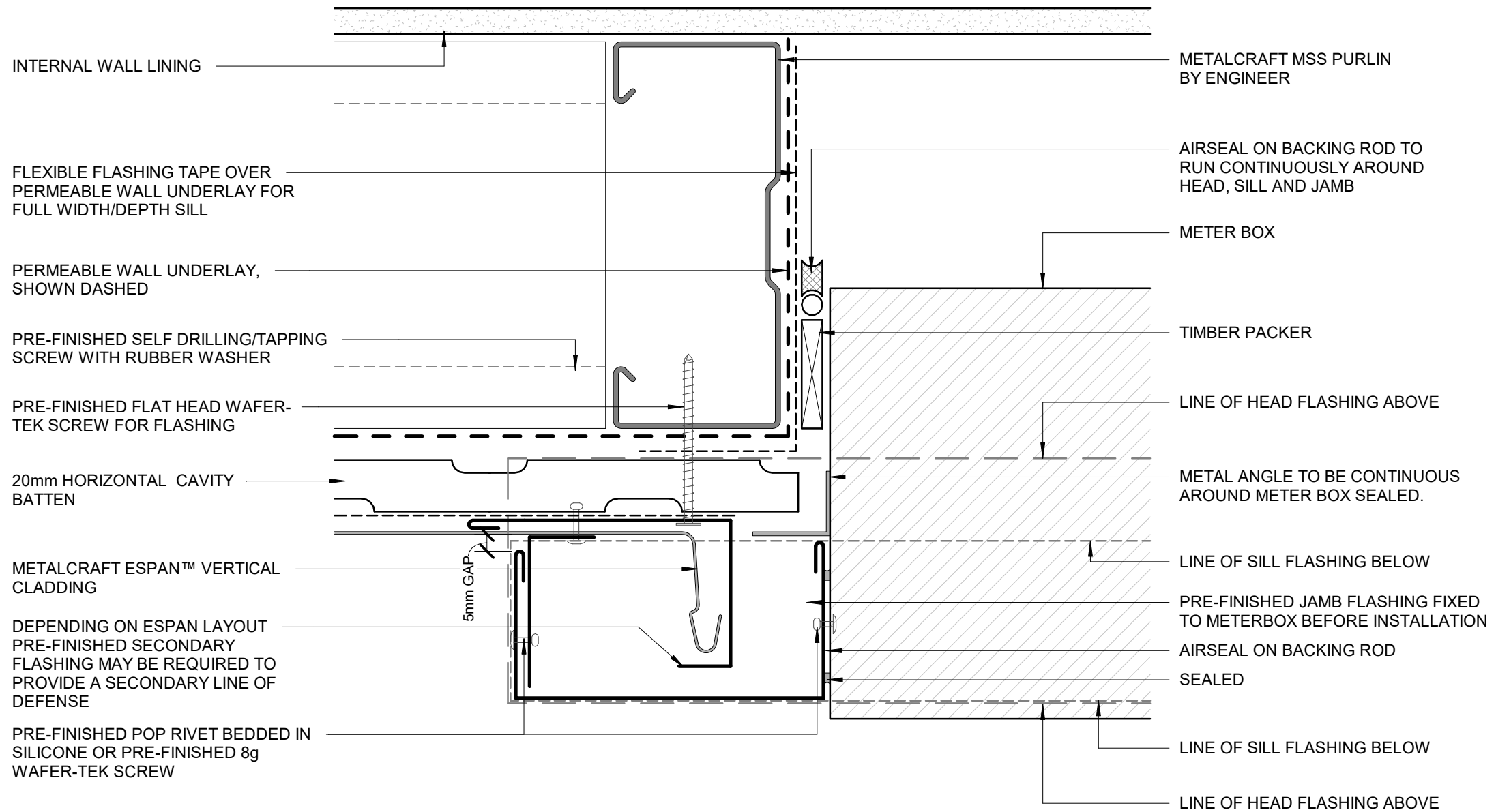


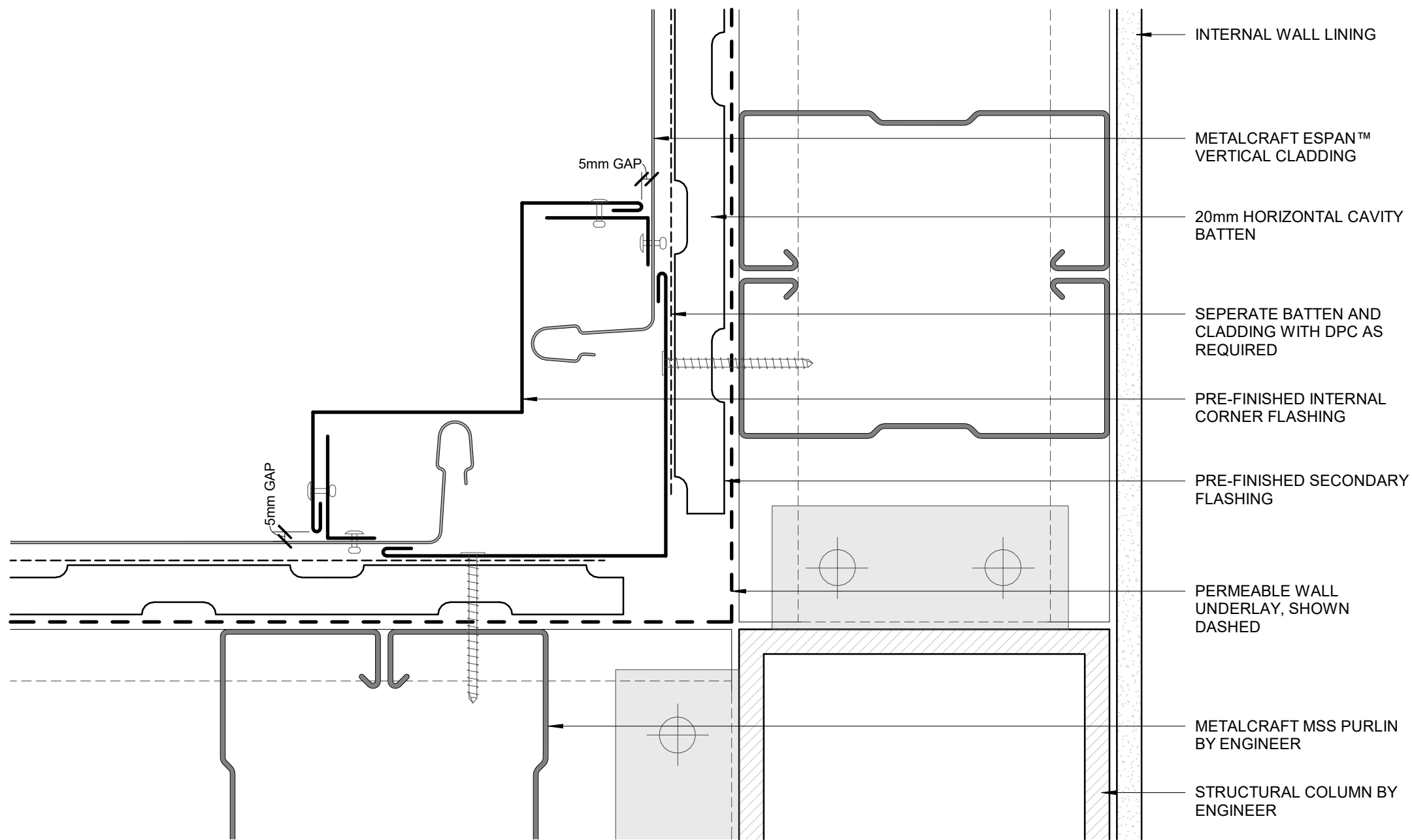




ALTERNATIVE OPTION







INTERNAL WALL LINING

METALCRAFT ESPAN™
VERTICAL CLADDING

20mm HORIZONTAL CAVITY
BATTEN

SEPERATE BATTEN AND
CLADDING WITH DPC AS
REQUIRED

PRE-FINISHED INTERNAL
CORNER FLASHING

PRE-FINISHED SECONDARY
FLASHING

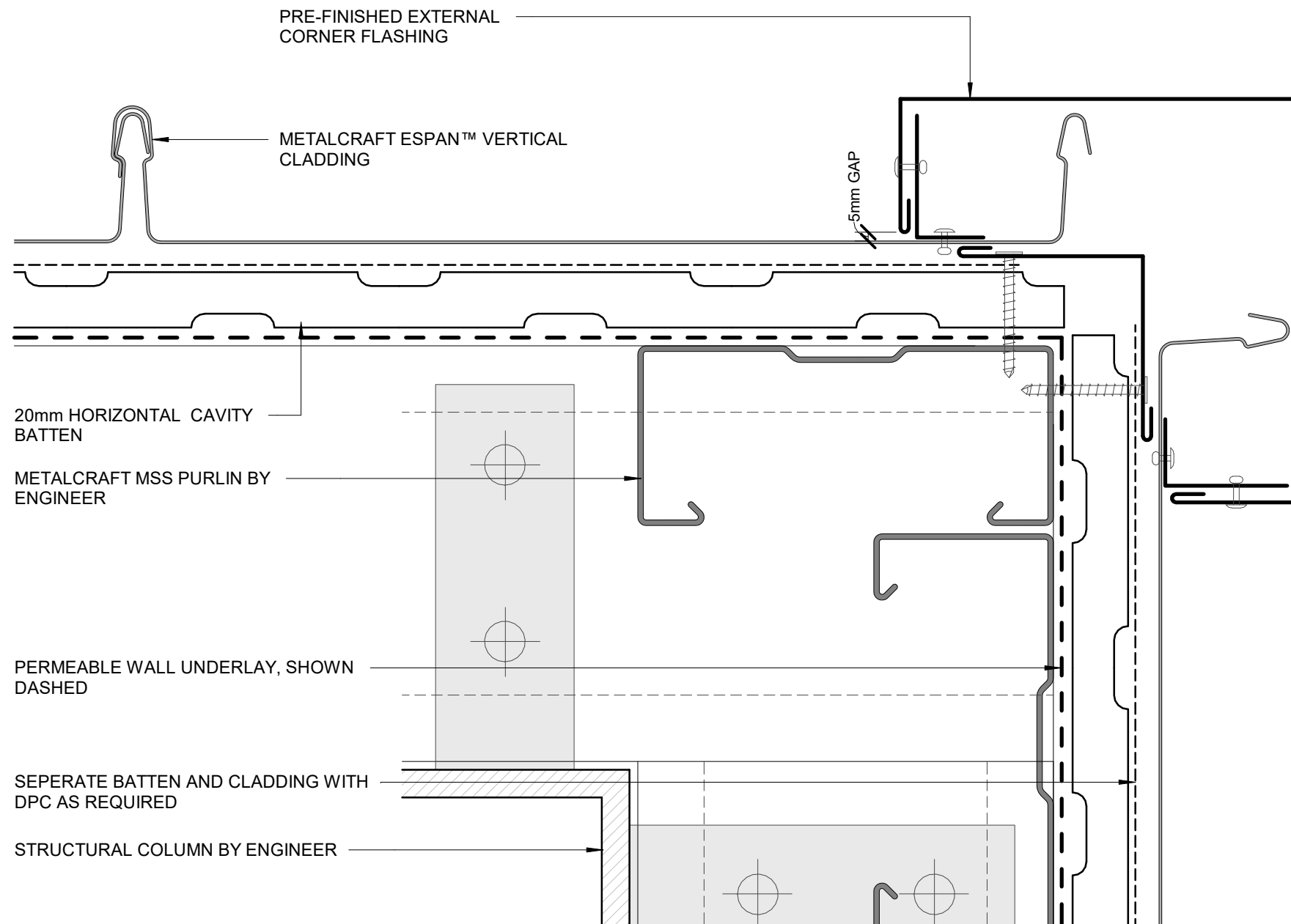
PERMEABLE WALL
UNDERLAY, SHOWN
DASHED

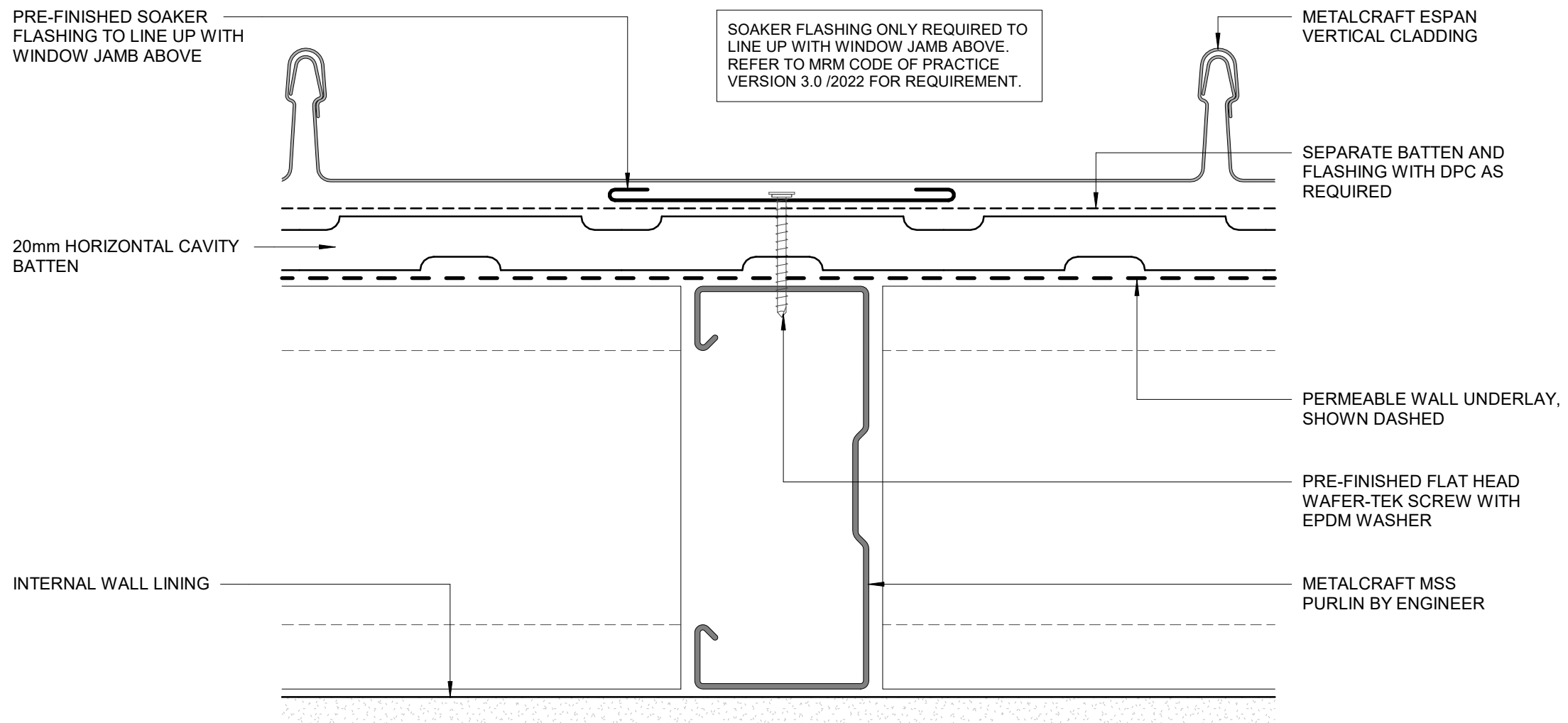
METALCRAFT MSS PURLIN
BY ENGINEER

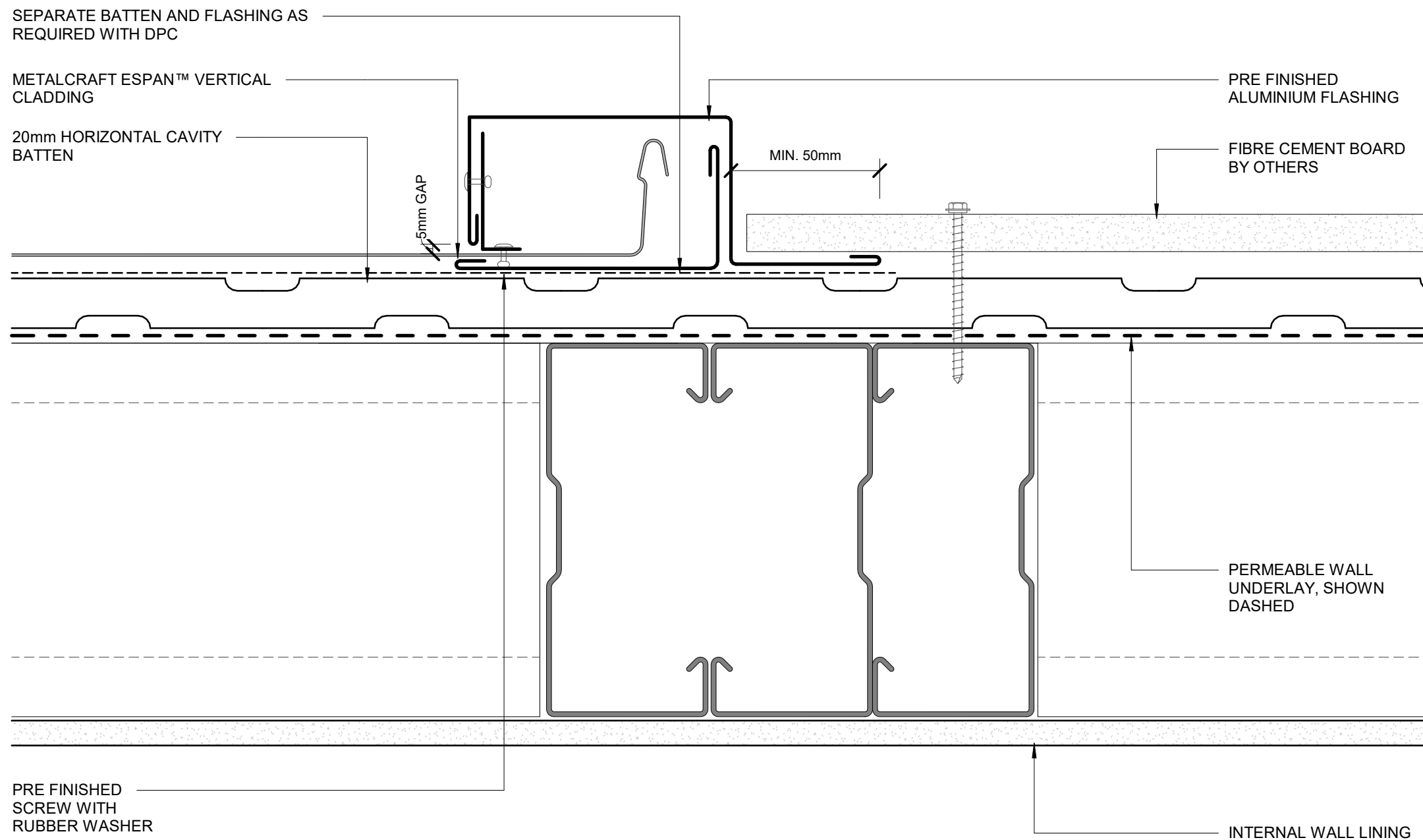
STRUCTURAL COLUMN BY
ENGINEER

5mm GAP

5mm GAP

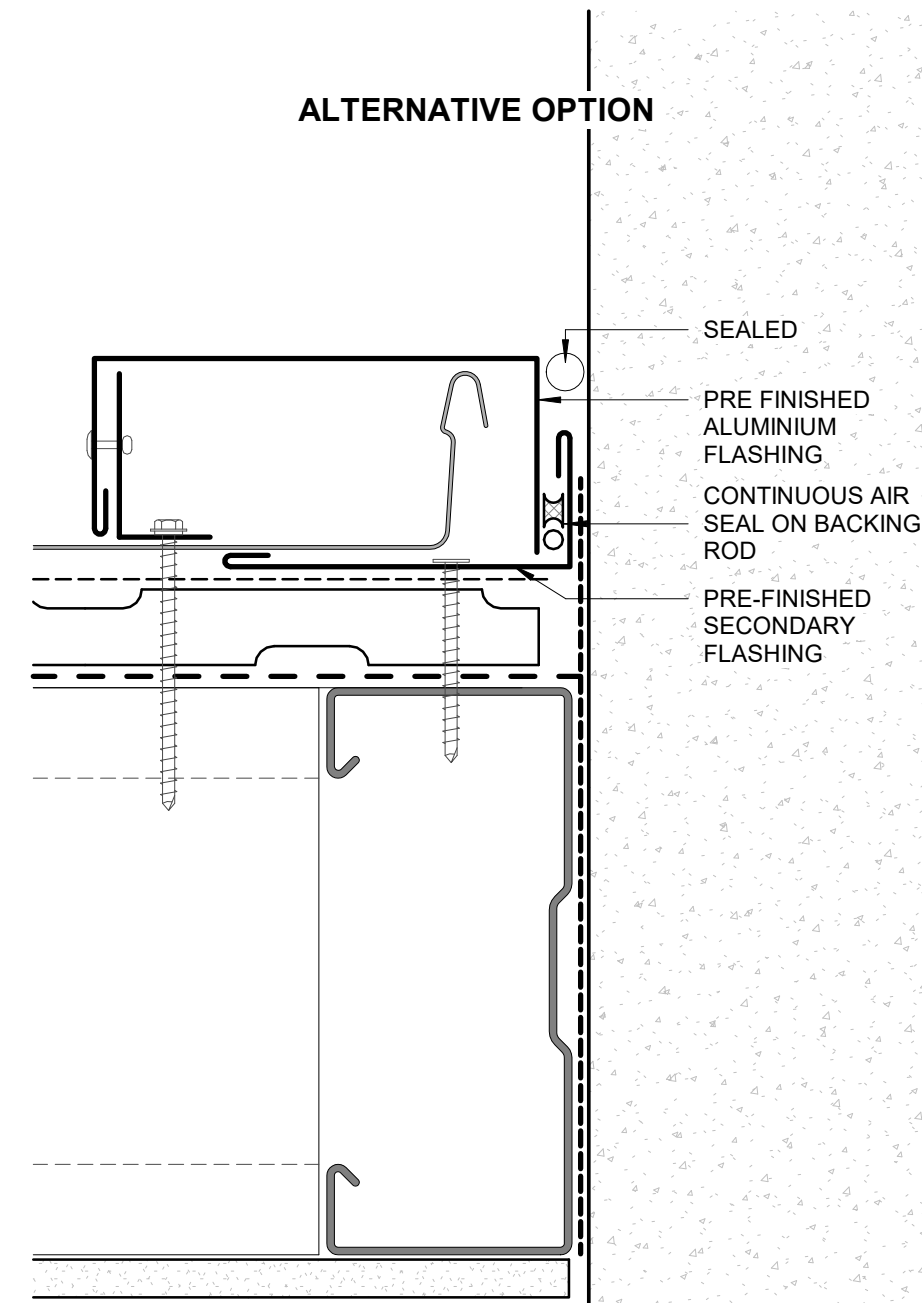
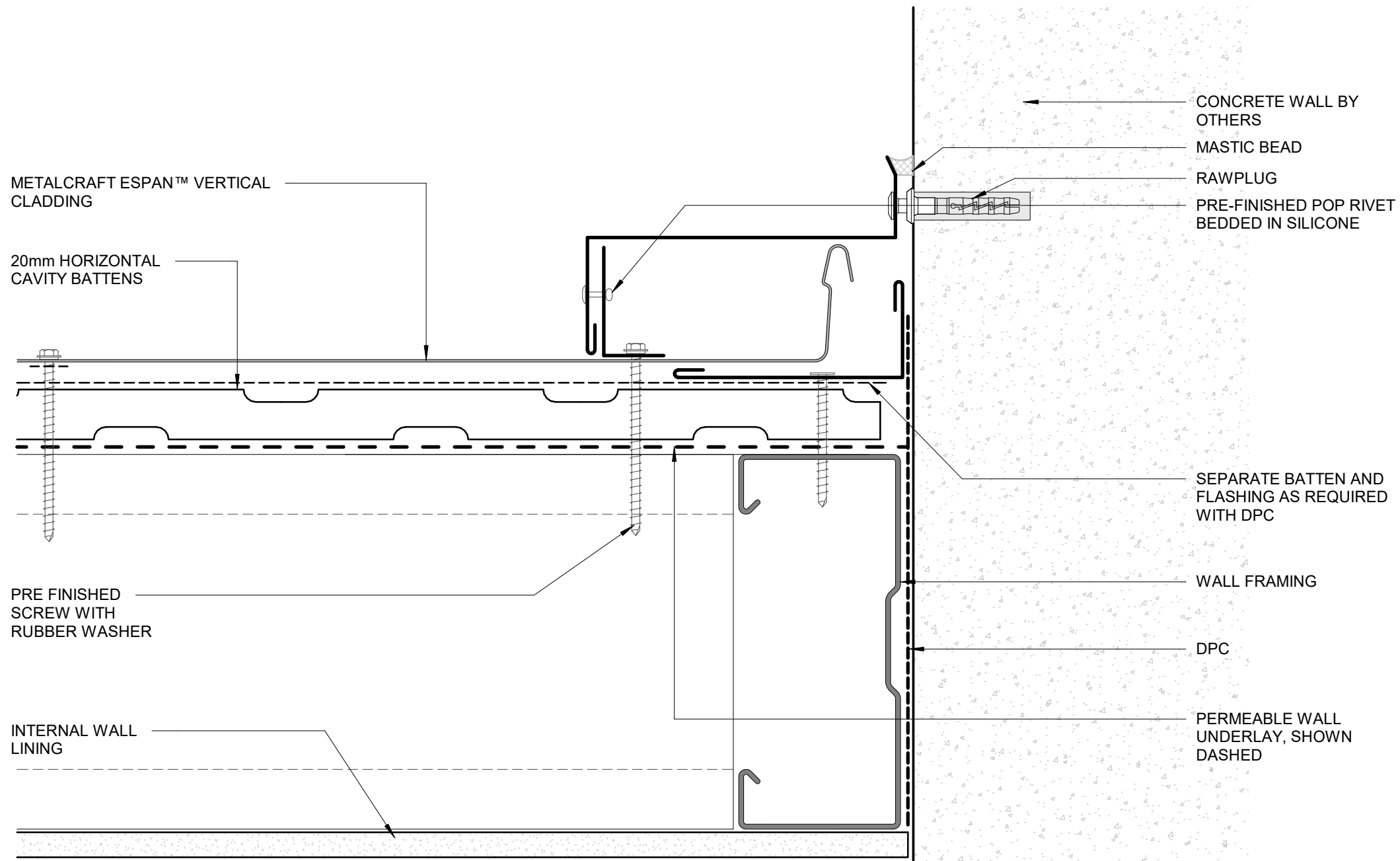


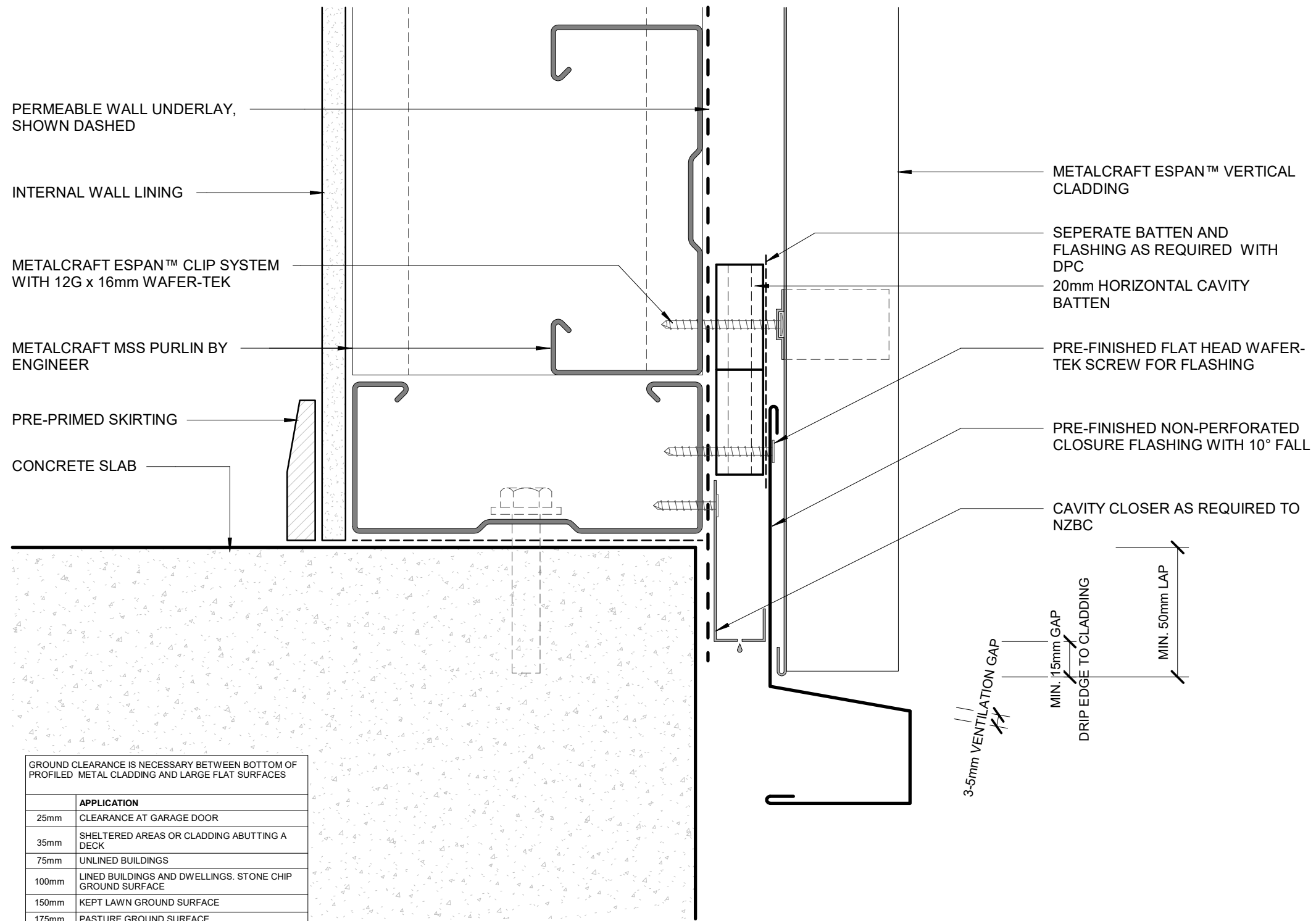




PRE FINISHED
SCREW WITH
RUBBER WASHER

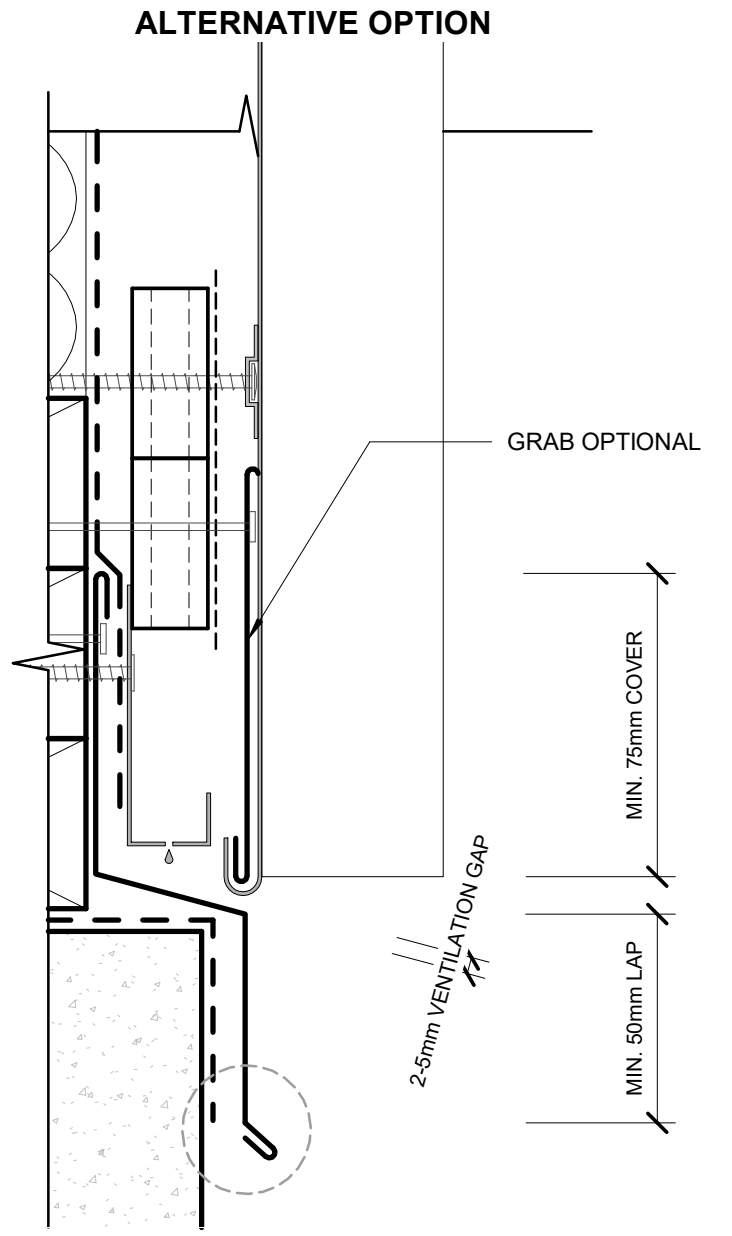
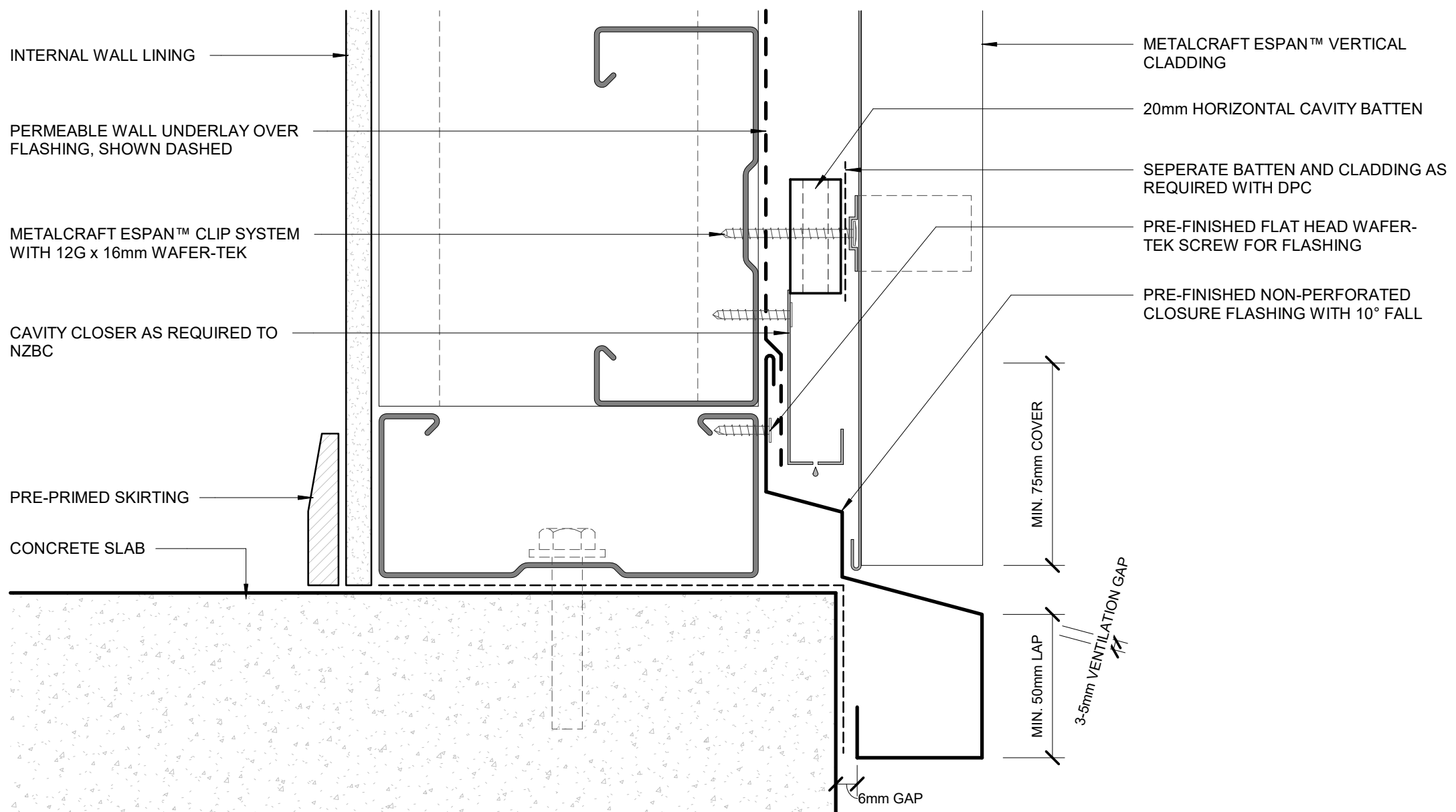
INTERNAL WALL LINING





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



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

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25mm	CLEARANCE AT GARAGE DOOR
35mm	SHELTERED AREAS OR CLADDING ABUTTING A DECK
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150mm	KEPT LAWN GROUND SURFACE
175mm	PASTURE GROUND SURFACE

RECESSED WINDOW FLASHINGS

