

# KAHU

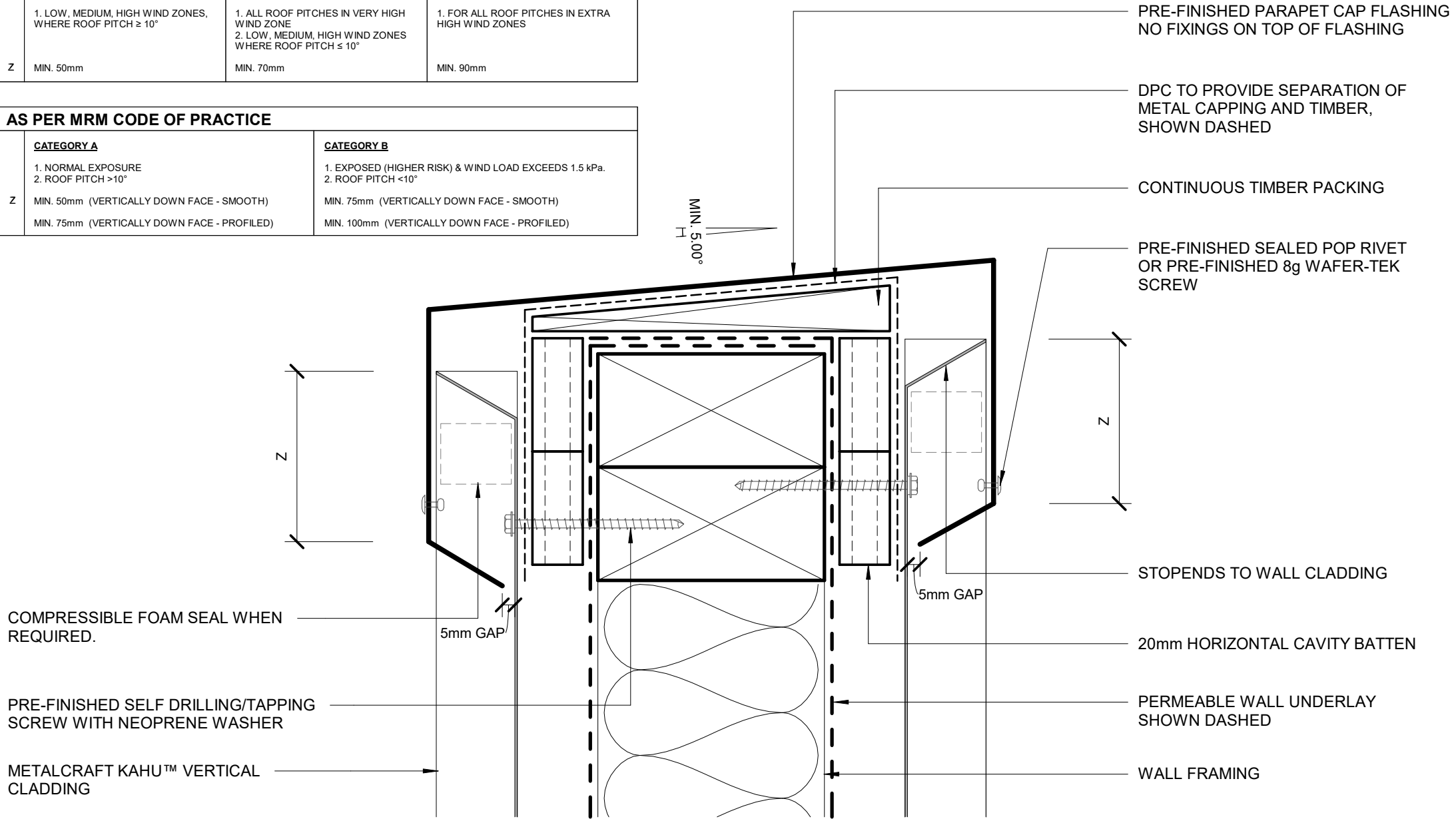
## RESIDENTIAL VERTICAL CLADDING

### DETAIL LIST

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

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)	Z MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)



COMPRESSIBLE FOAM SEAL WHEN REQUIRED.

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

METALCRAFT KAHU™ VERTICAL CLADDING

PRE-FINISHED PARAPET CAP FLASHING  
NO FIXINGS ON TOP OF FLASHING

DPC TO PROVIDE SEPARATION OF METAL CAPPING AND TIMBER,  
SHOWN DASHED

CONTINUOUS TIMBER PACKING

PRE-FINISHED SEALED POP RIVET  
OR PRE-FINISHED 8g WAFER-TEK  
SCREW

STOPENDS TO WALL CLADDING

20mm HORIZONTAL CAVITY BATTEN

PERMEABLE WALL UNDERLAY  
SHOWN DASHED

WALL FRAMING

**Metalcraft**  
Roofing

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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.

KAHU

Reference RVKA

PARAPET AND BALUSTRADE CAPPING

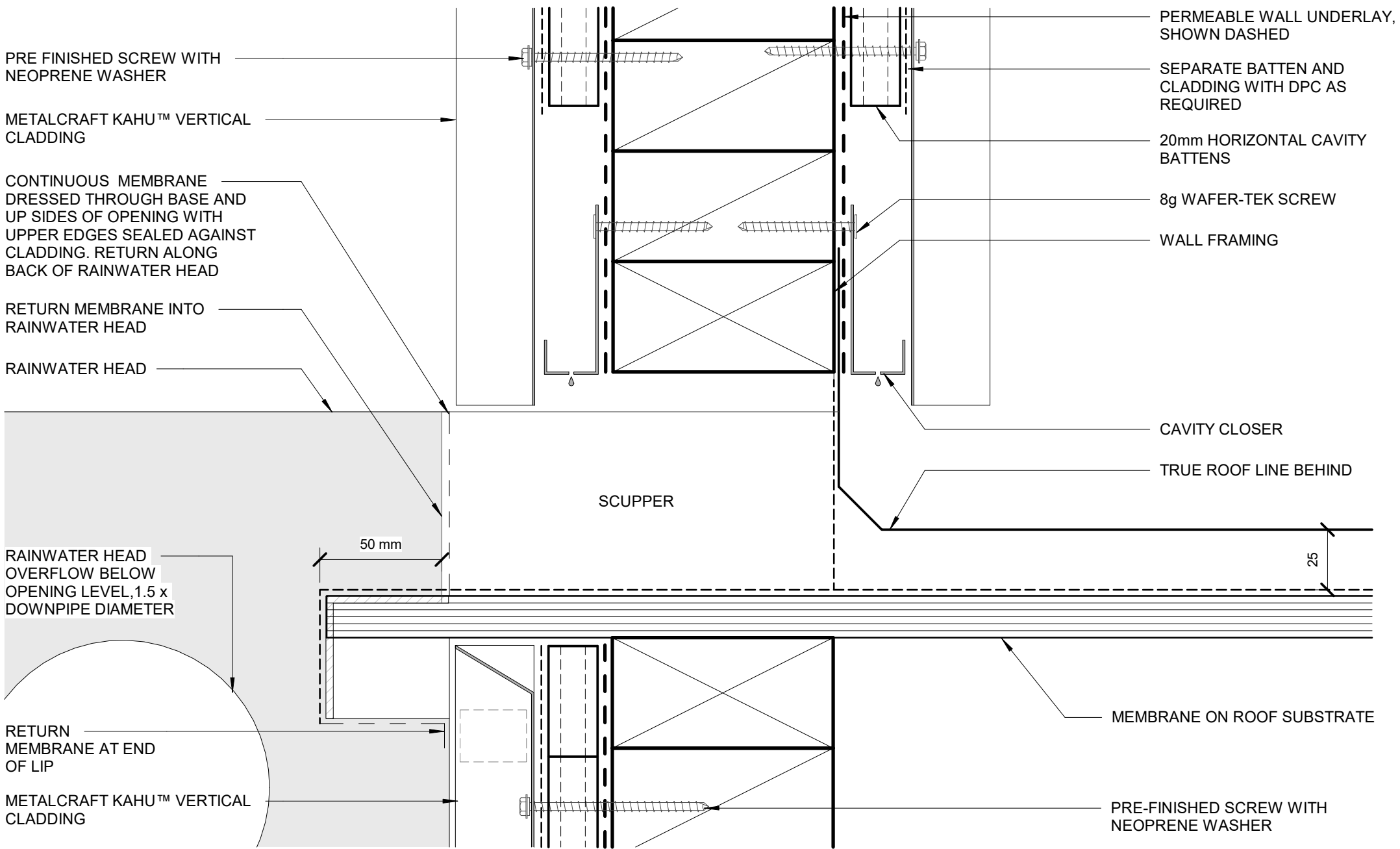
Rev. 1.0

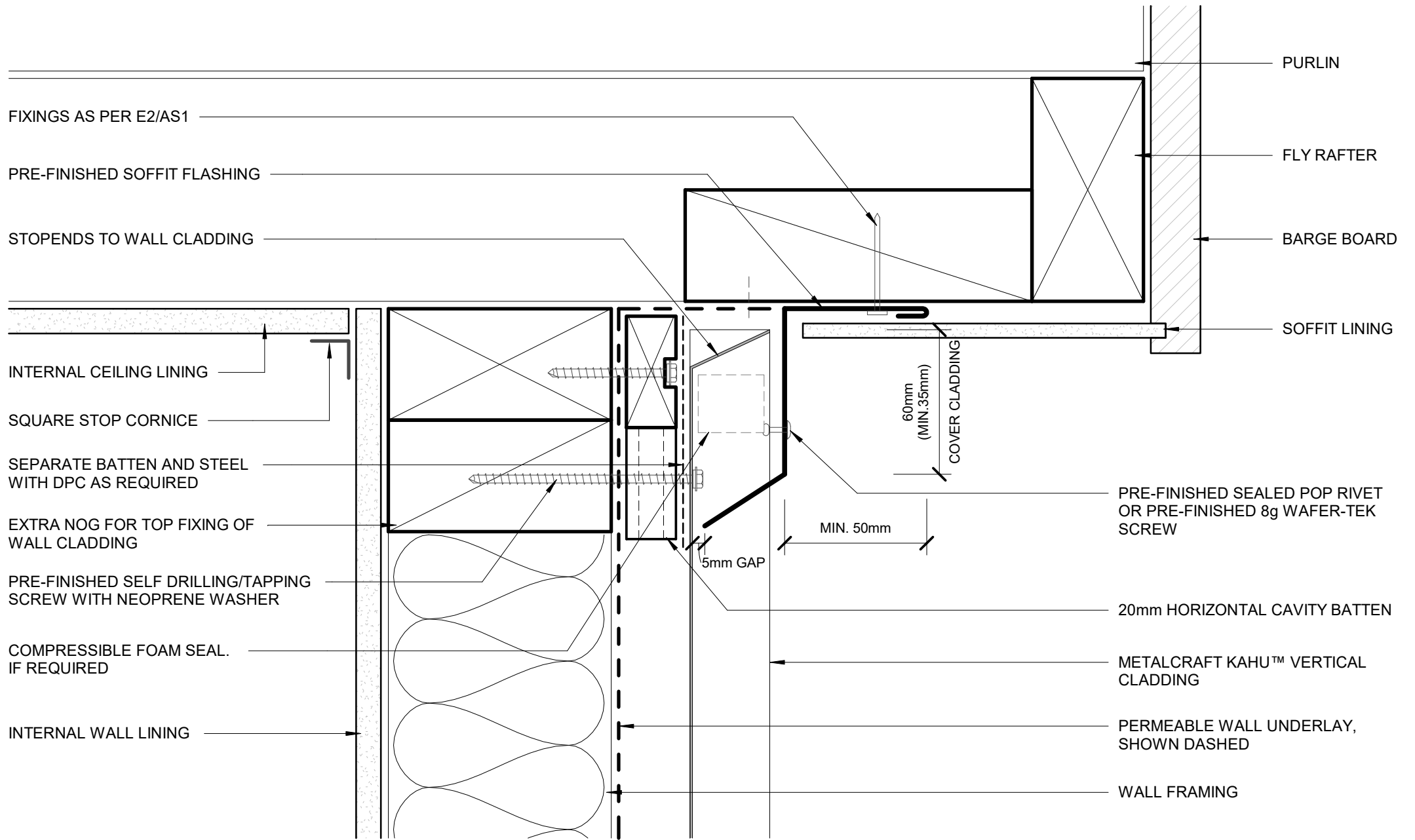
RESIDENTIAL VERTICAL CLADDING

Date JAN 2023

Scale 1 : 2

Sheet **B 01 / 18**





FIXINGS AS PER E2/AS1

PRE-FINISHED SOFFIT FLASHING

STOPENDS TO WALL CLADDING

INTERNAL CEILING LINING

SQUARE STOP CORNICE

SEPARATE BATTEN AND STEEL WITH DPC AS REQUIRED

EXTRA NOG FOR TOP FIXING OF WALL CLADDING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

COMPRESSIBLE FOAM SEAL. IF REQUIRED

INTERNAL WALL LINING

PURLIN

FLY RAFTER

BARGE BOARD

SOFFIT LINING

60mm  
(MIN. 35mm)  
COVER CLADDING

PRE-FINISHED SEALED POP RIVET OR PRE-FINISHED 8g WAFER-TEK SCREW

MIN. 50mm

5mm GAP

20mm HORIZONTAL CAVITY BATTEN

METALCRAFT KAHU™ VERTICAL CLADDING

PERMEABLE WALL UNDERLAY, SHOWN DASHED

WALL FRAMING

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Rev. 1.0

RESIDENTIAL VERTICAL CLADDING

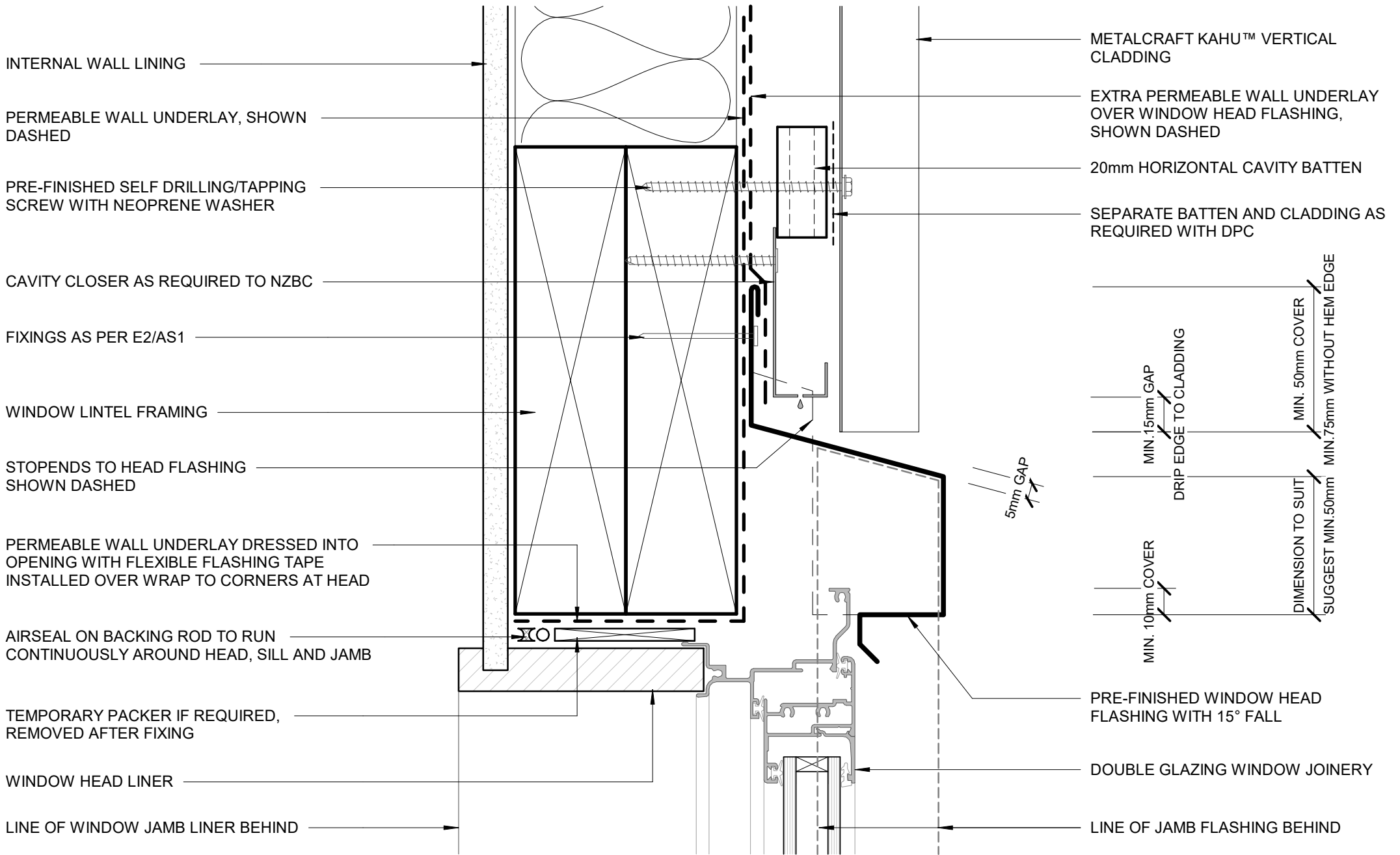
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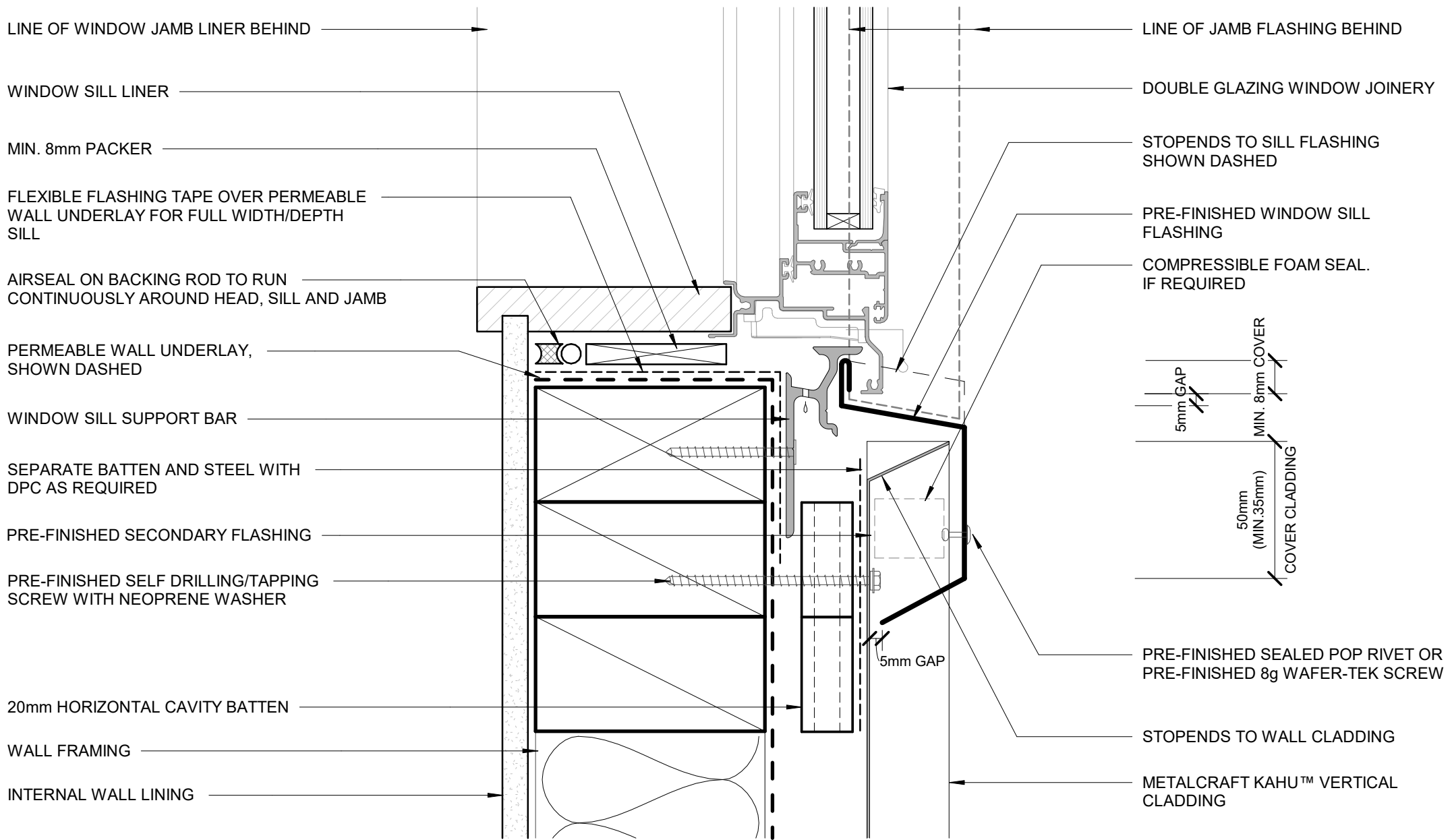
Date JAN 2023

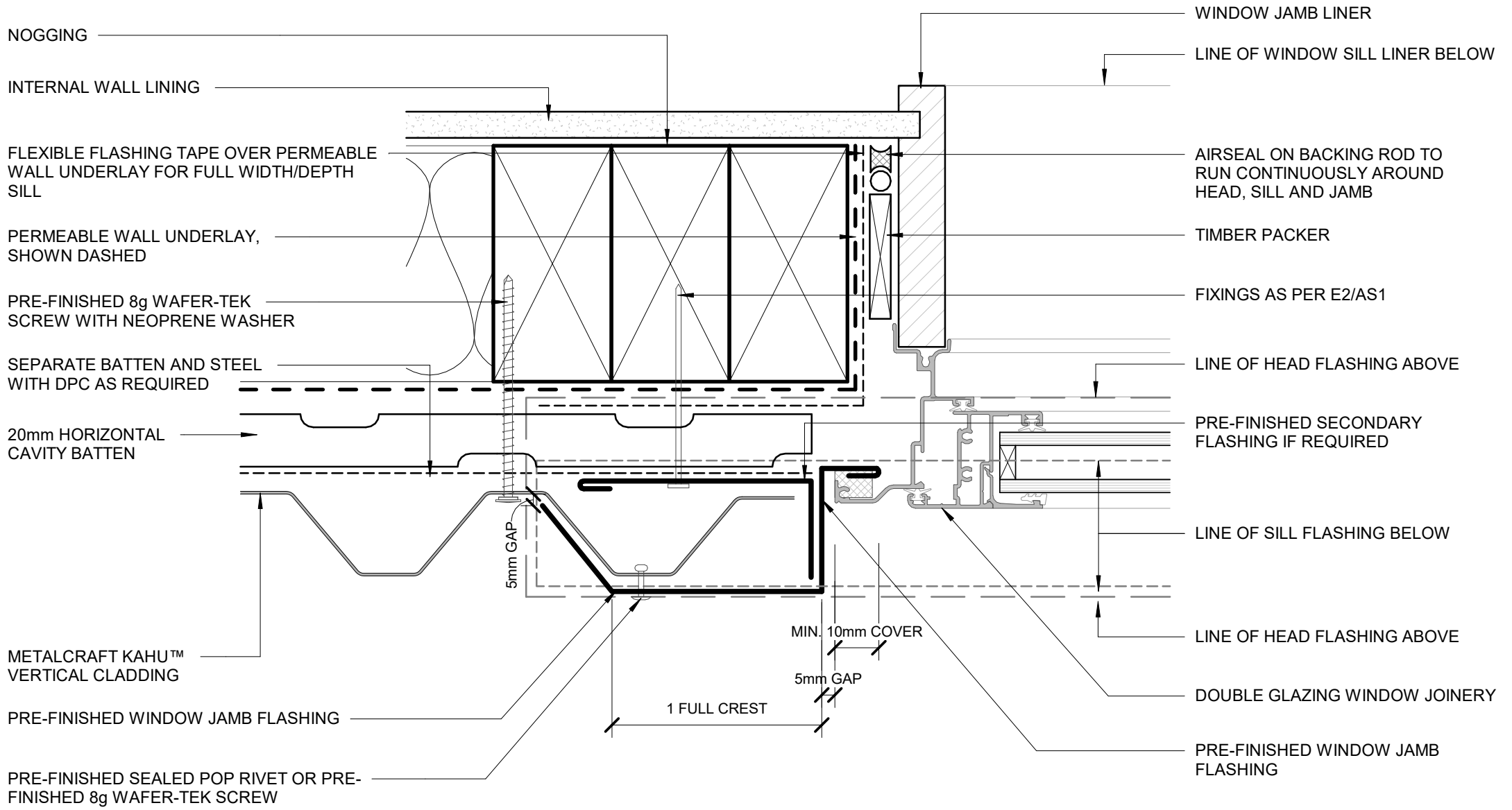
Scale 1 : 2

Sheet **B 03 / 18**

SOFFIT







NOGGING

INTERNAL WALL LINING

FLEXIBLE FLASHING TAPE OVER PERMEABLE WALL UNDERLAY FOR FULL WIDTH/DEPTH SILL

PERMEABLE WALL UNDERLAY, SHOWN DASHED

PRE-FINISHED 8g WAFER-TEK SCREW WITH NEOPRENE WASHER

SEPARATE BATTEN AND STEEL WITH DPC AS REQUIRED

20mm HORIZONTAL CAVITY BATTEN

METALCRAFT KAHU™ VERTICAL CLADDING

PRE-FINISHED WINDOW JAMB FLASHING

PRE-FINISHED SEALED POP RIVET OR PRE-FINISHED 8g WAFER-TEK SCREW

WINDOW JAMB LINER

LINE OF WINDOW SILL LINER BELOW

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

TIMBER PACKER

FIXINGS AS PER E2/AS1

LINE OF HEAD FLASHING ABOVE

PRE-FINISHED SECONDARY FLASHING IF REQUIRED

LINE OF SILL FLASHING BELOW

LINE OF HEAD FLASHING ABOVE

DOUBLE GLAZING WINDOW JOINERY

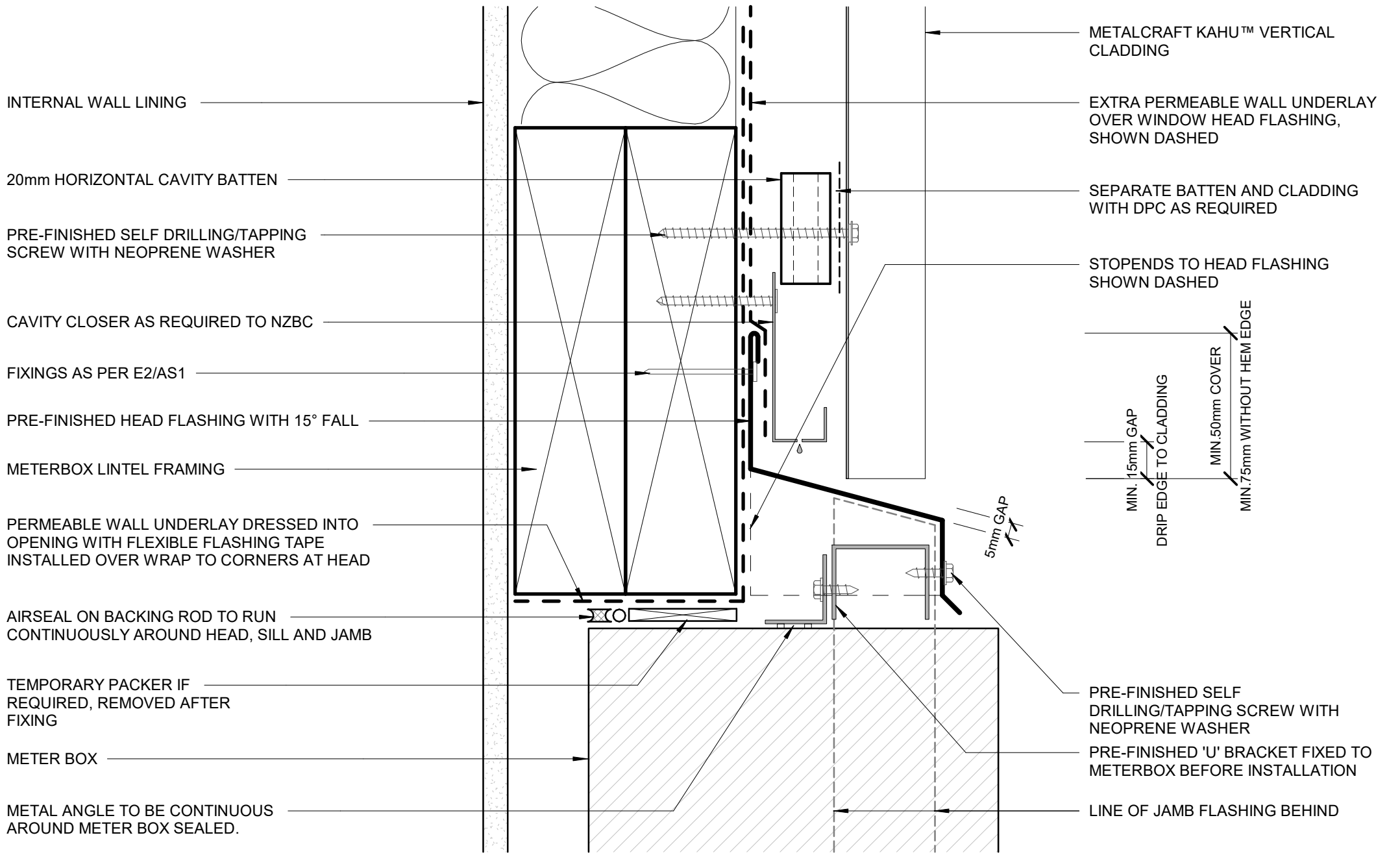
PRE-FINISHED WINDOW JAMB FLASHING

5mm GAP

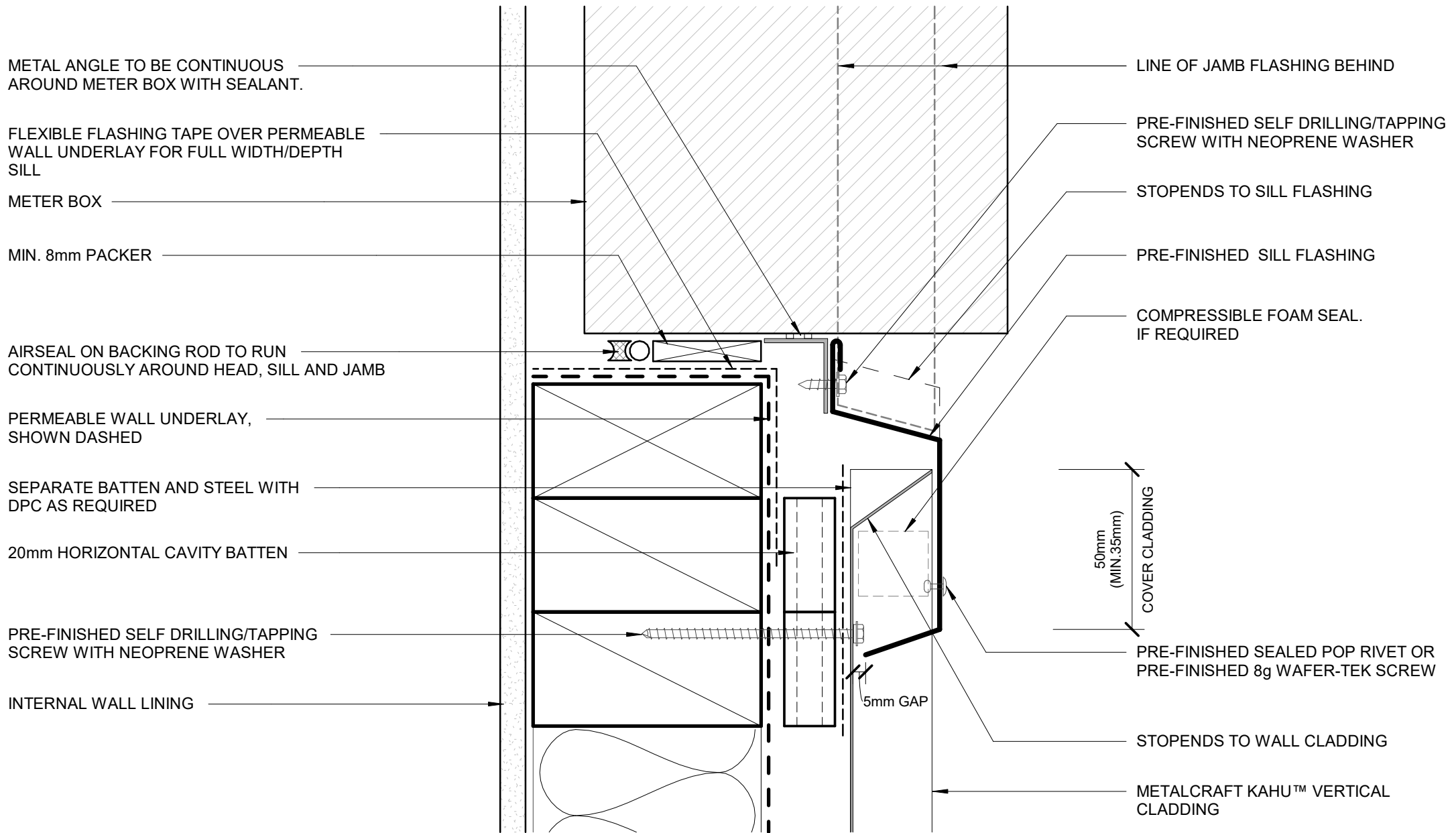
MIN. 10mm COVER

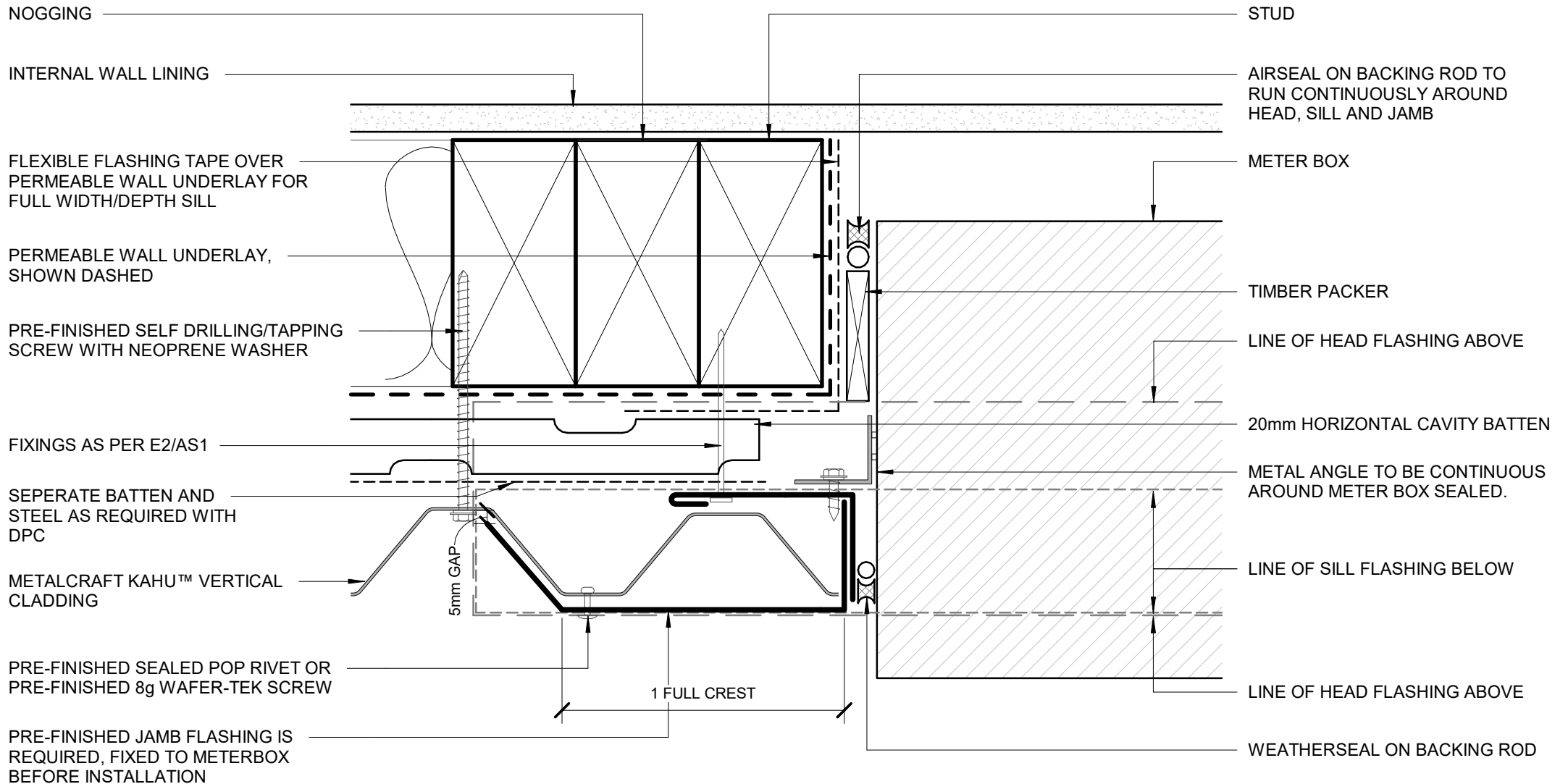
5mm GAP

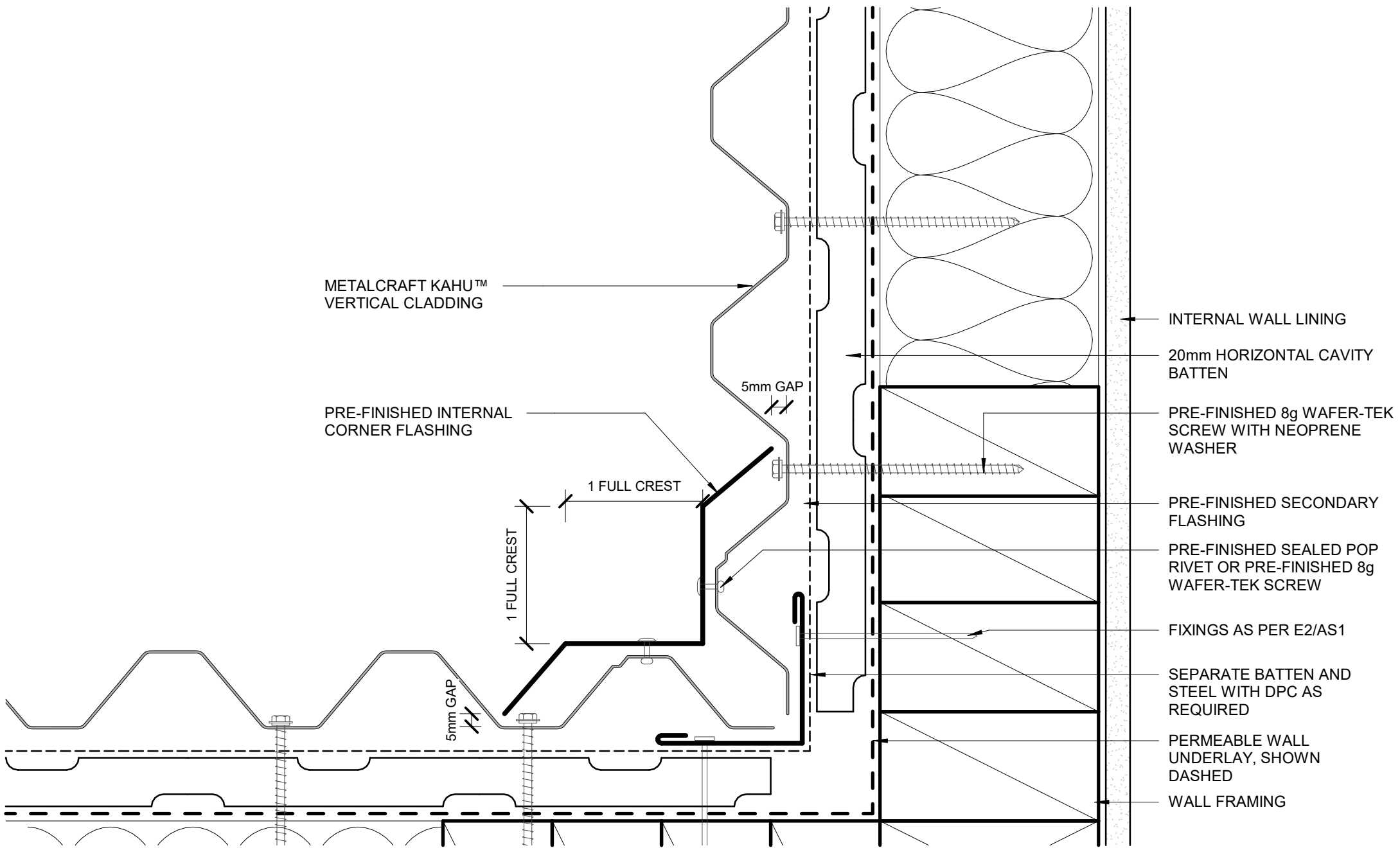
1 FULL CREST











METALCRAFT KAHU™  
VERTICAL CLADDING

PRE-FINISHED INTERNAL  
CORNER FLASHING

5mm GAP

1 FULL CREST

1 FULL CREST

5mm GAP

INTERNAL WALL LINING

20mm HORIZONTAL CAVITY  
BATTEN

PRE-FINISHED 8g WAFER-TEK  
SCREW WITH NEOPRENE  
WASHER

PRE-FINISHED SECONDARY  
FLASHING

PRE-FINISHED SEALED POP  
RIVET OR PRE-FINISHED 8g  
WAFER-TEK SCREW

FIXINGS AS PER E2/AS1

SEPARATE BATTEN AND  
STEEL WITH DPC AS  
REQUIRED

PERMEABLE WALL  
UNDERLAY, SHOWN  
DASHED

WALL FRAMING

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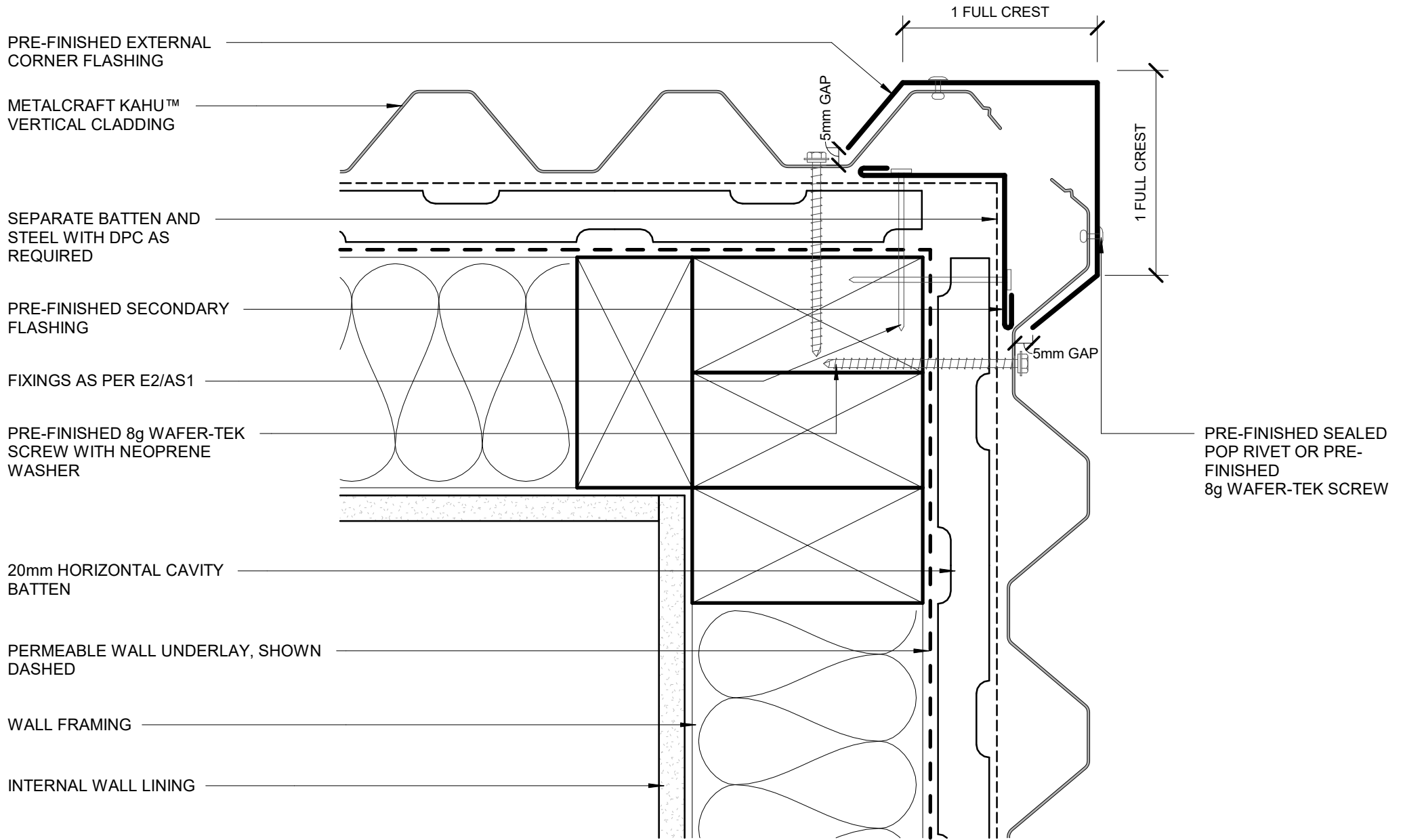
Reference RVKA

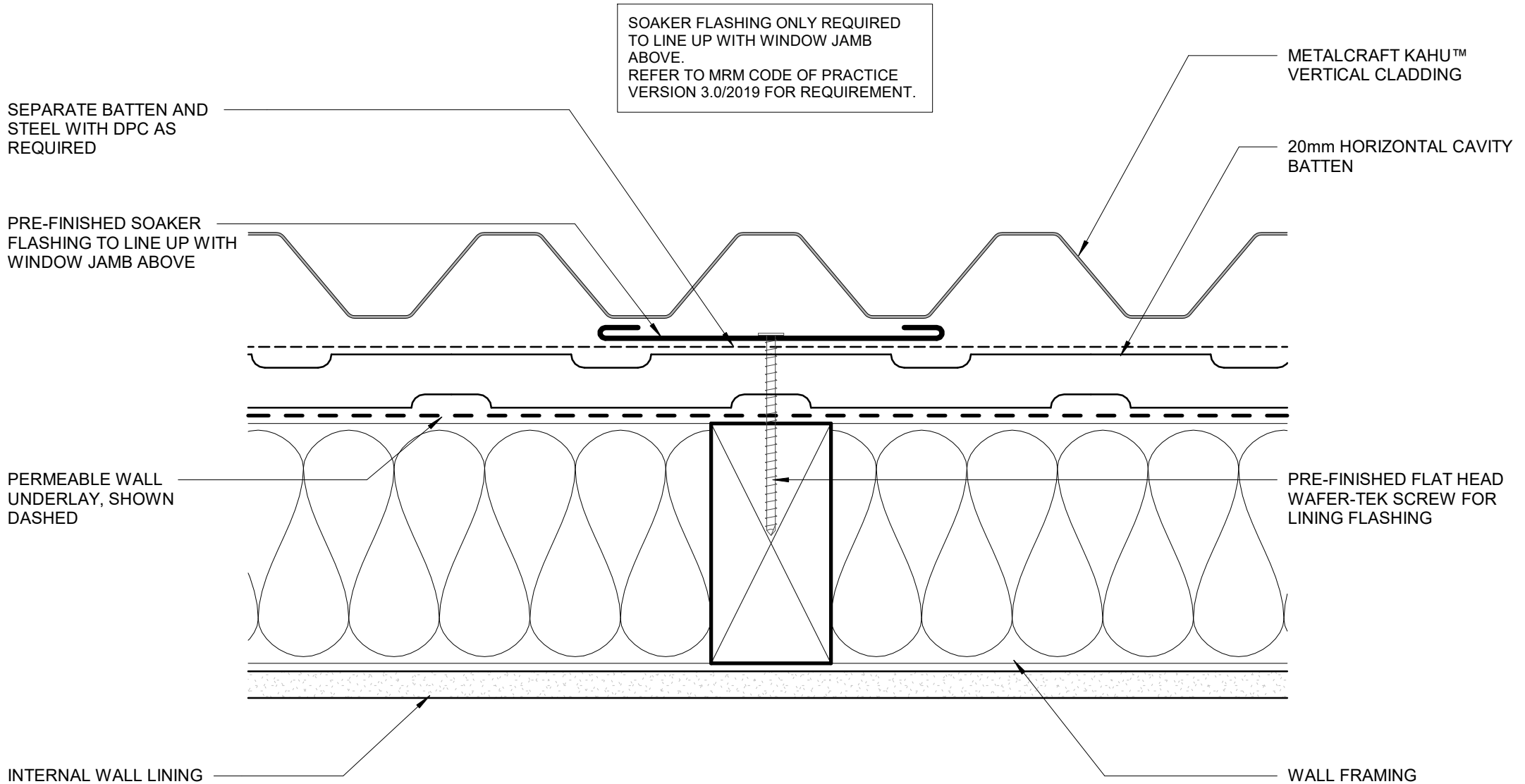
Date JAN 2023

INTERNAL CORNER  
RESIDENTIAL VERTICAL CLADDING

Scale 1 : 2

Sheet **B 10 / 18**





PRE-FINISHED SEALED  
POP RIVET OR PRE-  
FINISHED  
8g WAFER-TEK SCREW

METALCRAFT KAHU™  
VERTICAL CLADDING

20mm HORIZONTAL  
CAVITY BATTEN

1 FULL CREST

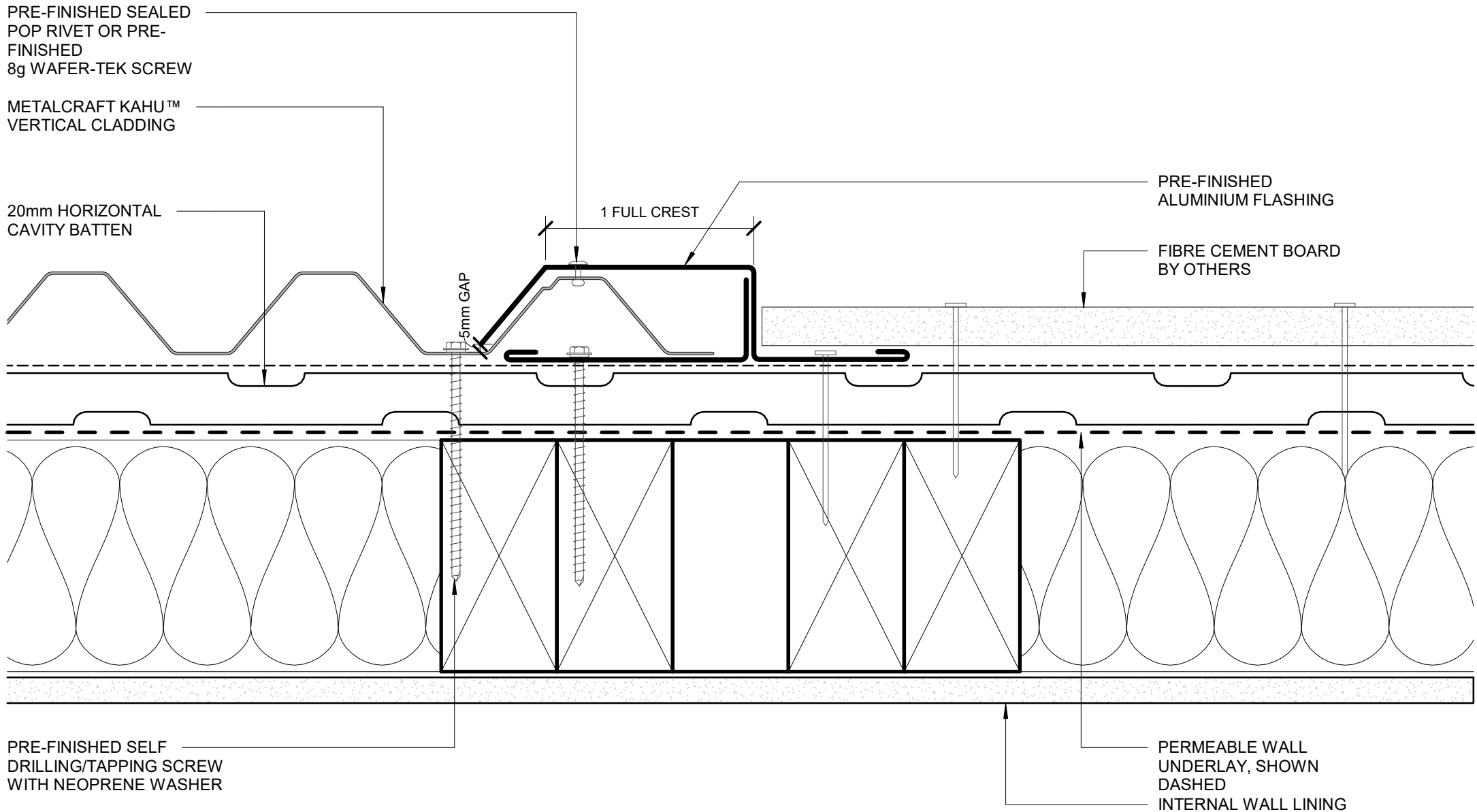
PRE-FINISHED  
ALUMINIUM FLASHING

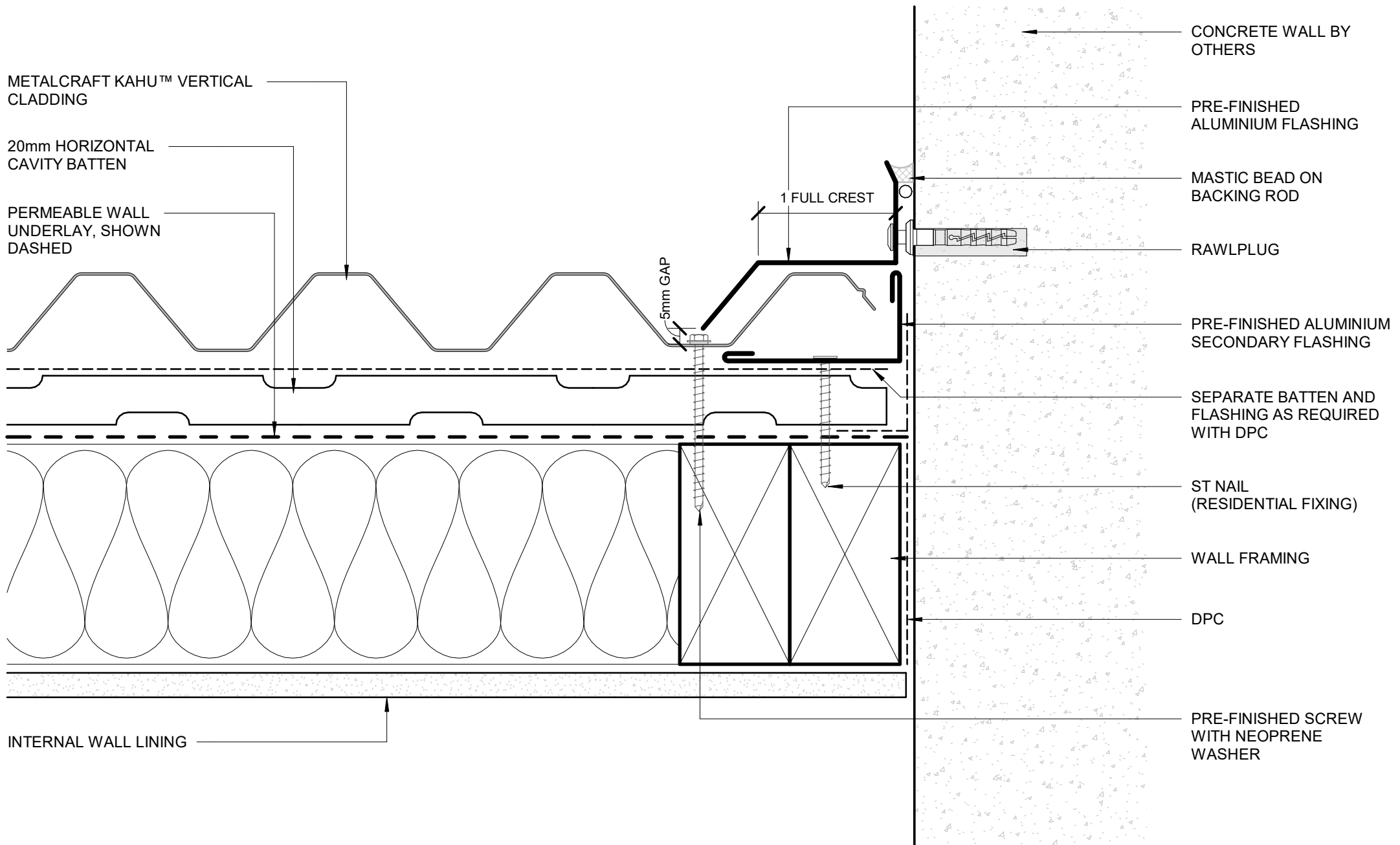
FIBRE CEMENT BOARD  
BY OTHERS

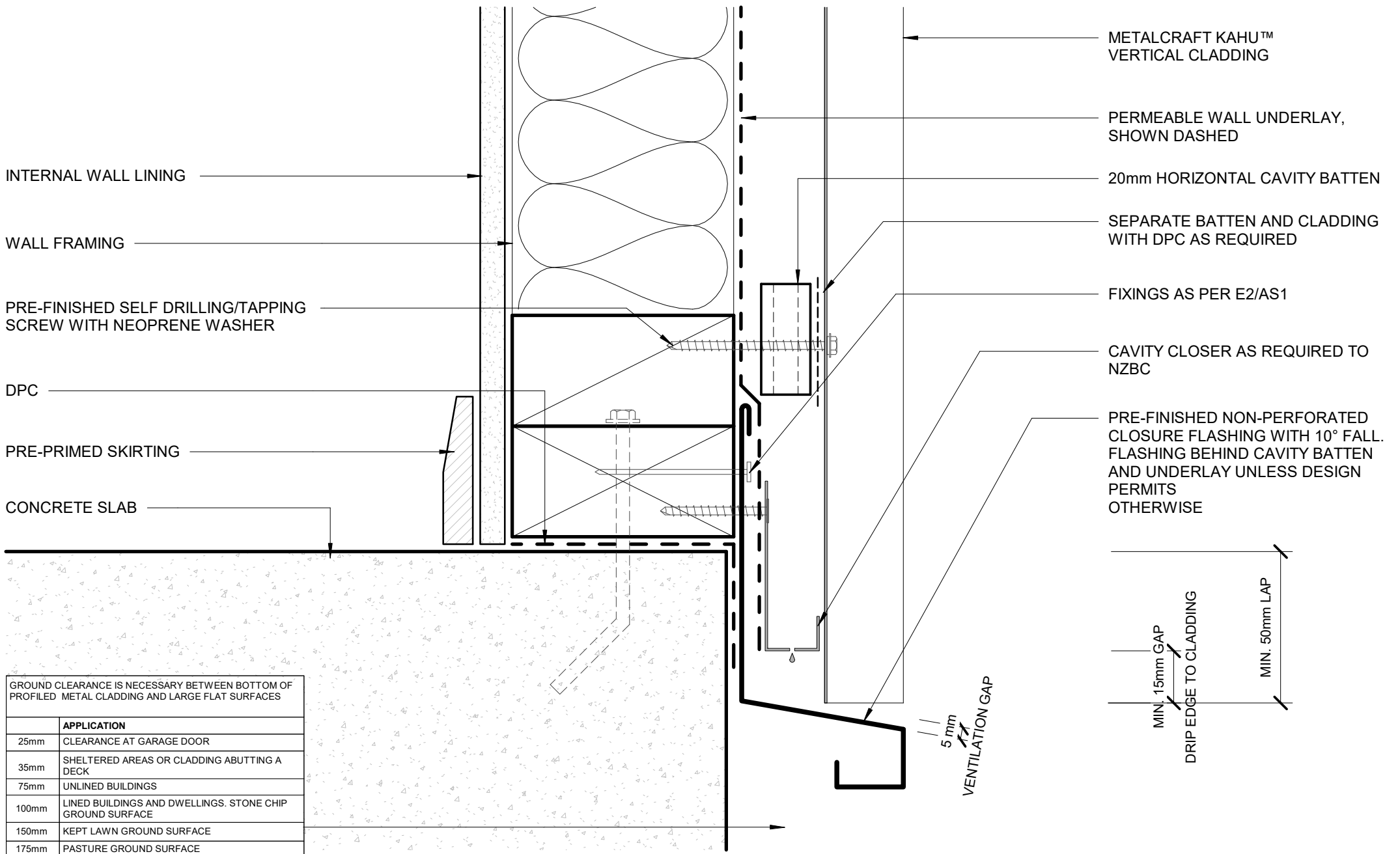
5mm GAP

PRE-FINISHED SELF  
DRILLING/TAPPING SCREW  
WITH NEOPRENE WASHER

PERMEABLE WALL  
UNDERLAY, SHOWN  
DASHED  
INTERNAL WALL LINING







INTERNAL WALL LINING

WALL FRAMING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

DPC

PRE-PRIMED SKIRTING

CONCRETE SLAB

METALCRAFT KAHU™ VERTICAL CLADDING

PERMEABLE WALL UNDERLAY, SHOWN DASHED

20mm HORIZONTAL CAVITY BATTEN

SEPARATE BATTEN AND CLADDING WITH DPC AS REQUIRED

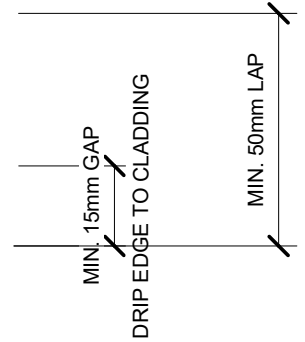
FIXINGS AS PER E2/AS1

CAVITY CLOSER AS REQUIRED TO NZBC

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

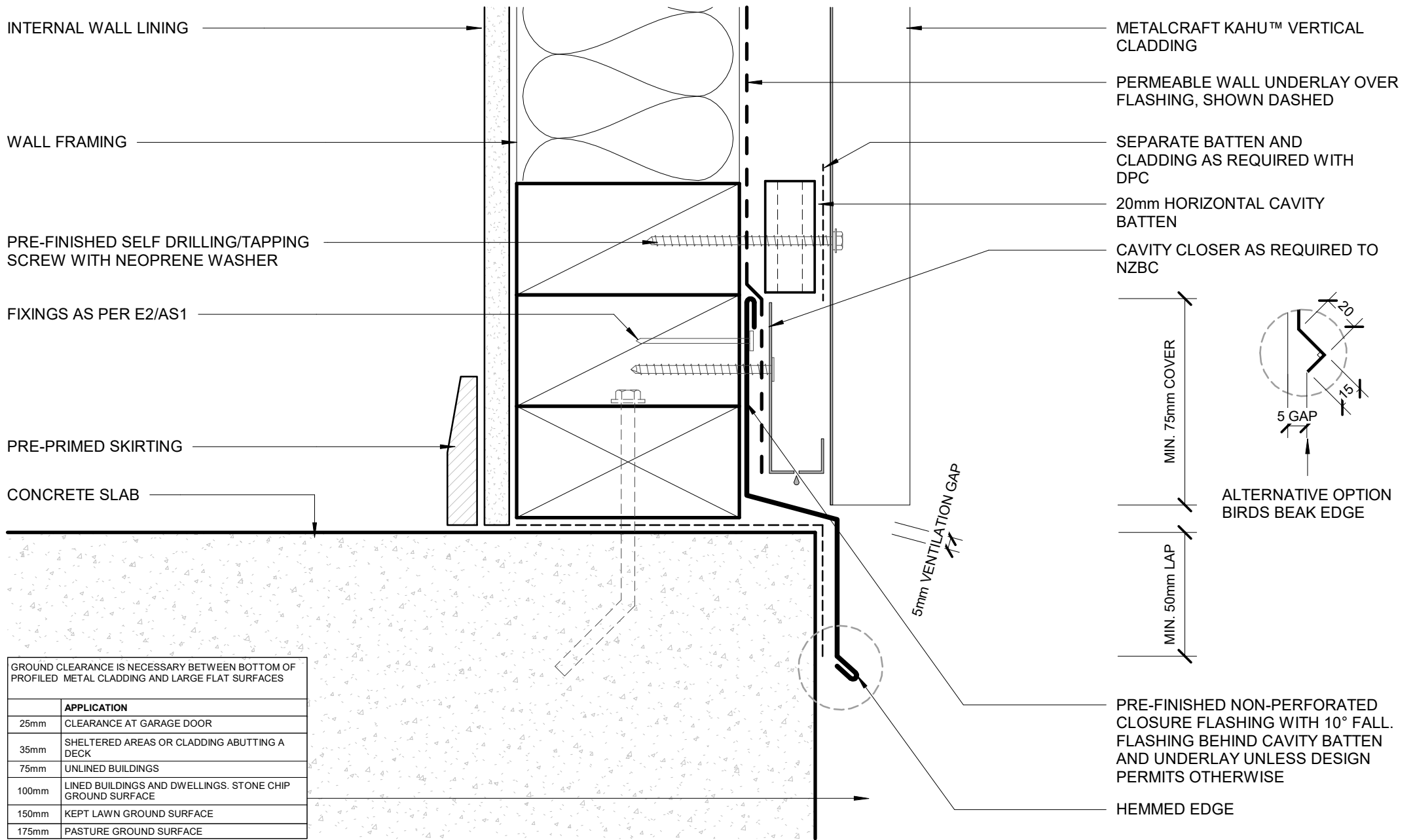
GROUND CLEARANCE IS NECESSARY BETWEEN BOTTOM OF PROFILED METAL CLADDING AND LARGE FLAT SURFACES

	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



5mm VENTILATION GAP





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
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175mm	PASTURE GROUND SURFACE

