

KAHU

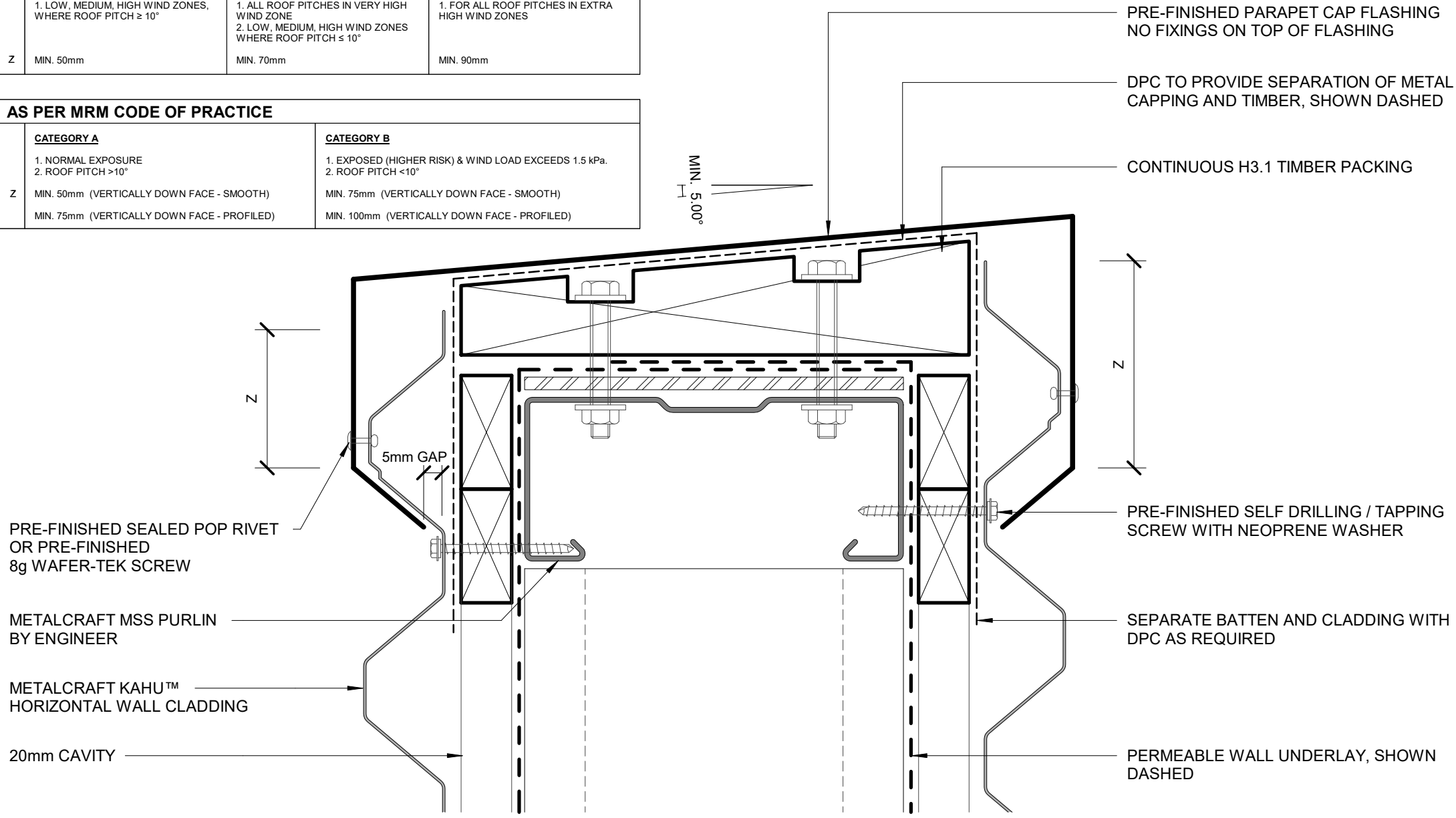
COMMERCIAL HORIZONTAL CLADDING

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

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

AS PER MRM CODE OF PRACTICE	
CATEGORY A	CATEGORY B
1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	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)



METALCRAFT KAHU™
HORIZONTAL CLADDING

PRE FINISHED SCREW WITH
NEOPRENE WASHER

CONTINUOUS MEMBRANE
DRESSED THROUGH BASE AND
UP SIDES OF OPENING WITH
UPPER EDGES SEALED AGAINST
CLADDING. RETURN ALONG
BACK OF RAINWATER HEAD

RETURN MEMBRANE INTO
RAINWATER HEAD

RAINWATER HEAD

RAINWATER HEAD
OVERFLOW BELOW
OPENING LEVEL, 1.5 x
DOWNSPIPE DIAMETER

RETURN MEMBRANE AT
END OF LIP

METALCRAFT KAHU™
HORIZONTAL CLADDING

20mm CAVITY

SEPARATE BATTEN AND
CLADDING WITH DPC AS
REQUIRED

PERMEABLE WALL UNDERLAY,
SHOWN DASHED

8g WAFER-TEK SCREW

WALL FRAMING

CAVITY CLOSER

TRUE ROOF LINE BEHIND

SCUPPER

50 mm

25

MEMBRANE ON ROOF SUBSTRATE

PRE FINISHED SCREW WITH
NEOPRENE WASHER

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

Rev. 1.0

SCUPPER W/ RAINWATER HEAD

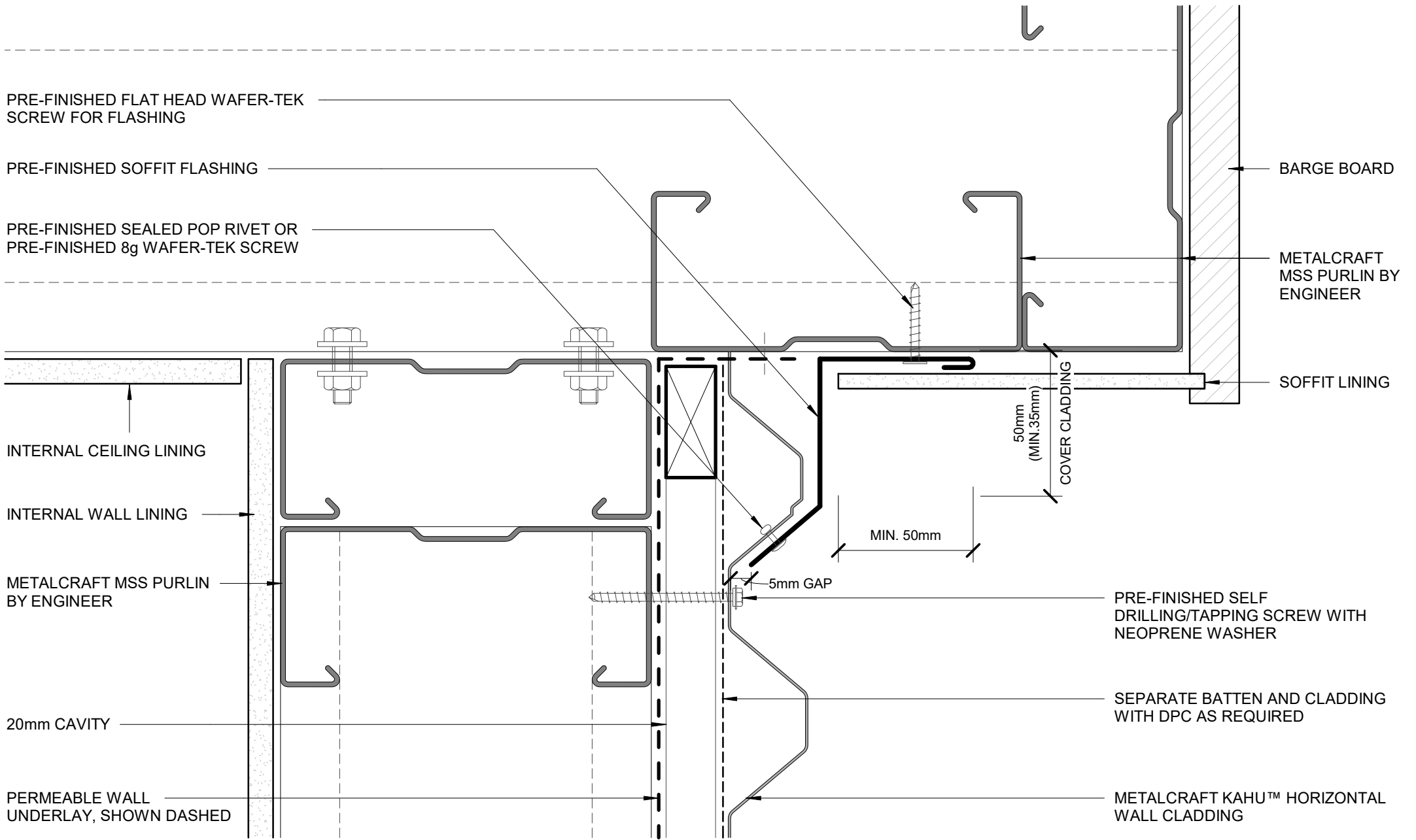
COMMERCIAL HORIZONTAL CLADDING

Reference CHKA

Date JAN 2023

Scale 1 : 2

Sheet **F 02 / 20**



PRE-FINISHED FLAT HEAD WAFER-TEK
SCREW FOR FLASHING

PRE-FINISHED SOFFIT FLASHING

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

INTERNAL CEILING LINING

INTERNAL WALL LINING

METALCRAFT MSS PURLIN
BY ENGINEER

20mm CAVITY

PERMEABLE WALL
UNDERLAY, SHOWN DASHED

BARGE BOARD

METALCRAFT
MSS PURLIN BY
ENGINEER

SOFFIT LINING

50mm
(MIN. 35mm)
COVER CLADDING

MIN. 50mm

5mm GAP

PRE-FINISHED SELF
DRILLING/TAPPING SCREW WITH
NEOPRENE WASHER

SEPARATE BATTEN AND CLADDING
WITH DPC AS REQUIRED

METALCRAFT KAHU™ HORIZONTAL
WALL CLADDING

Metalcraft
Roofing

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Rev. 1.0

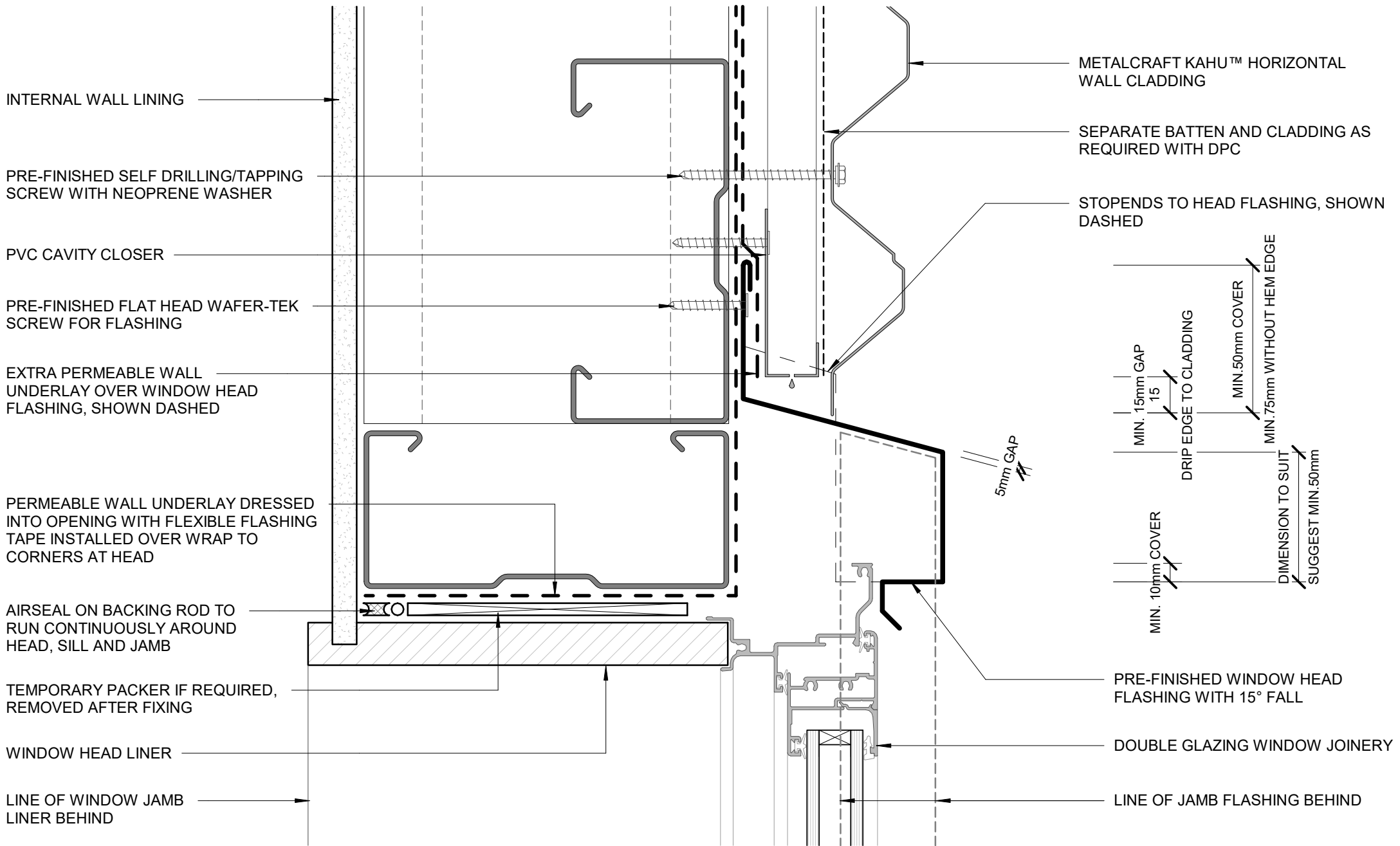
SOFFIT
COMMERCIAL HORIZONTAL CLADDING

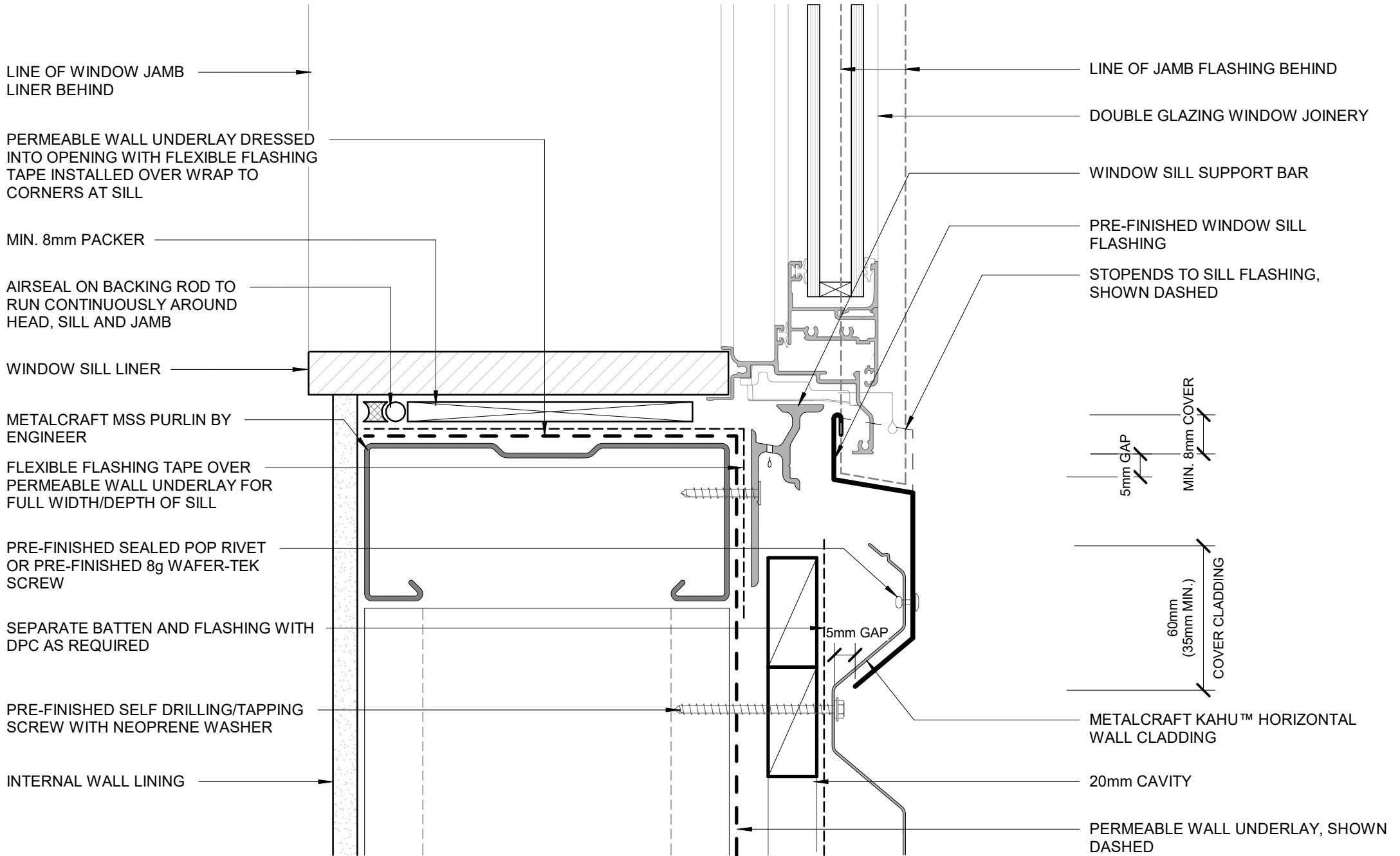
Reference CHKA

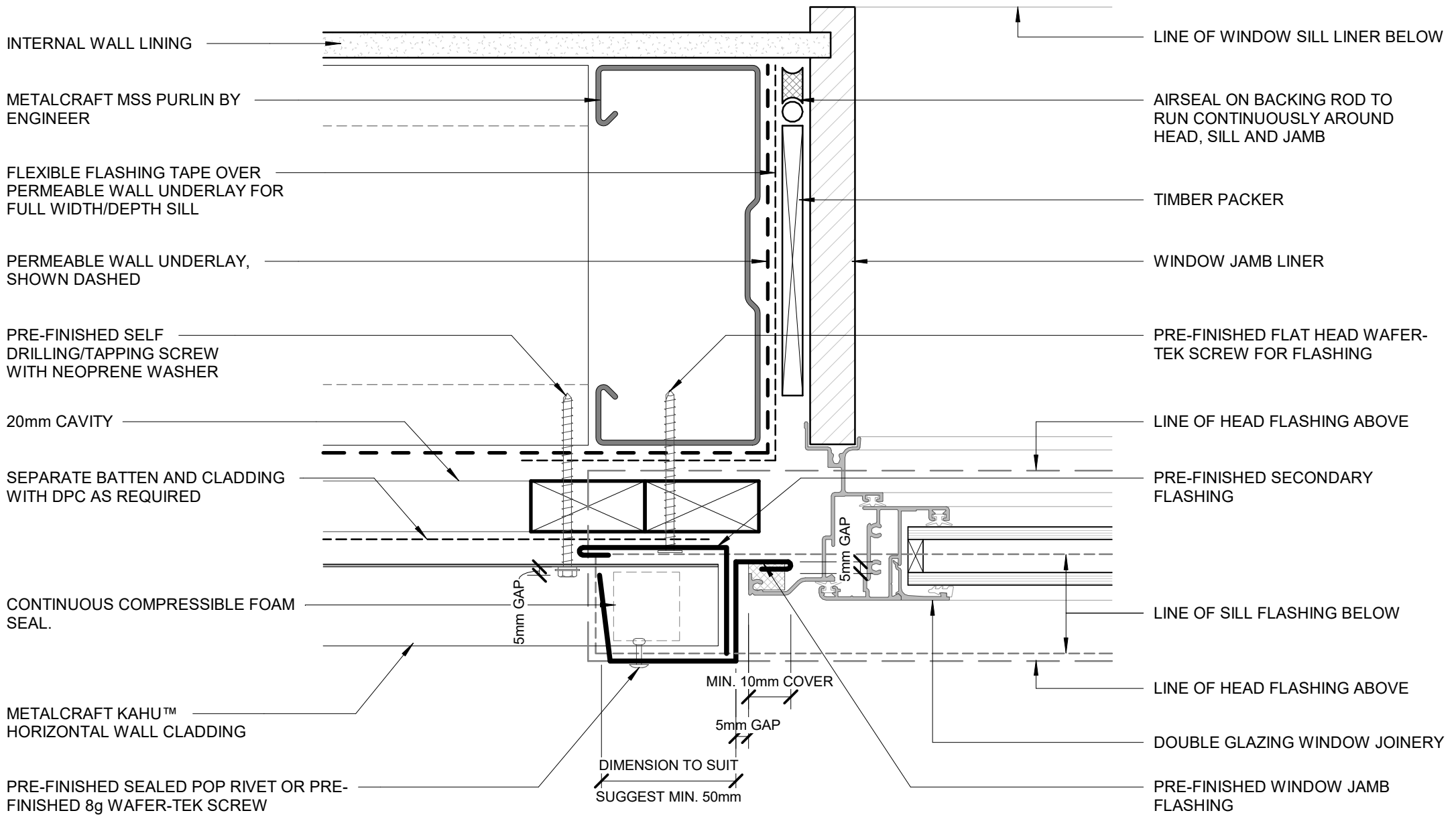
Date JAN 2023

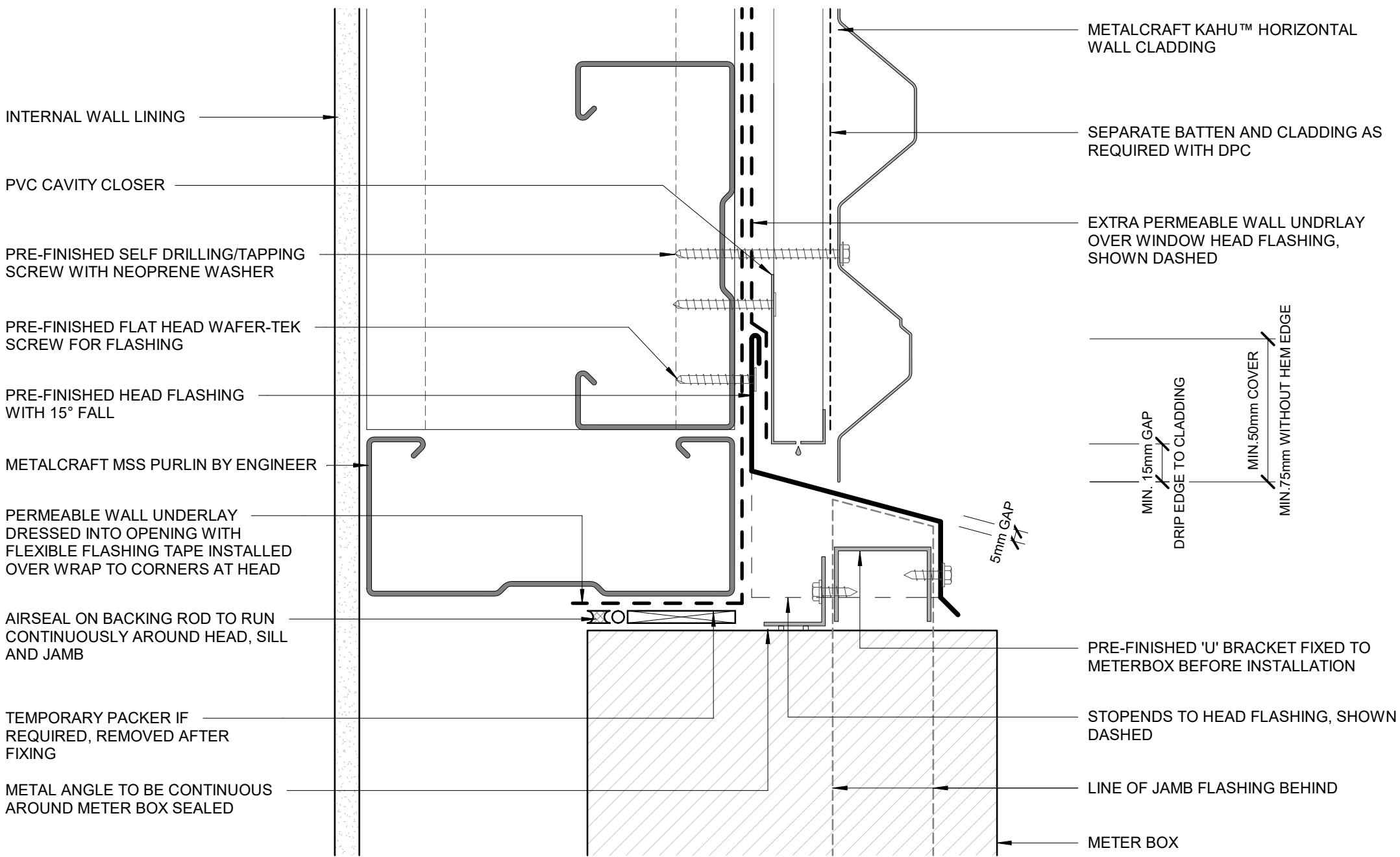
Scale 1 : 2

Sheet **F 03 / 20**









INTERNAL WALL LINING

PVC CAVITY CLOSER

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

PRE-FINISHED FLAT HEAD WAFER-TEK SCREW FOR FLASHING

PRE-FINISHED HEAD FLASHING WITH 15° FALL

METALCRAFT MSS PURLIN 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

METAL ANGLE TO BE CONTINUOUS AROUND METER BOX SEALED

METALCRAFT KAHU™ HORIZONTAL WALL CLADDING

SEPARATE BATTEN AND CLADDING AS REQUIRED WITH DPC

EXTRA PERMEABLE WALL UNDRLAY OVER WINDOW HEAD FLASHING, SHOWN DASHED

MIN. 15mm GAP
DRIP EDGE TO CLADDING

MIN. 50mm COVER
MIN. 75mm WITHOUT HEM EDGE

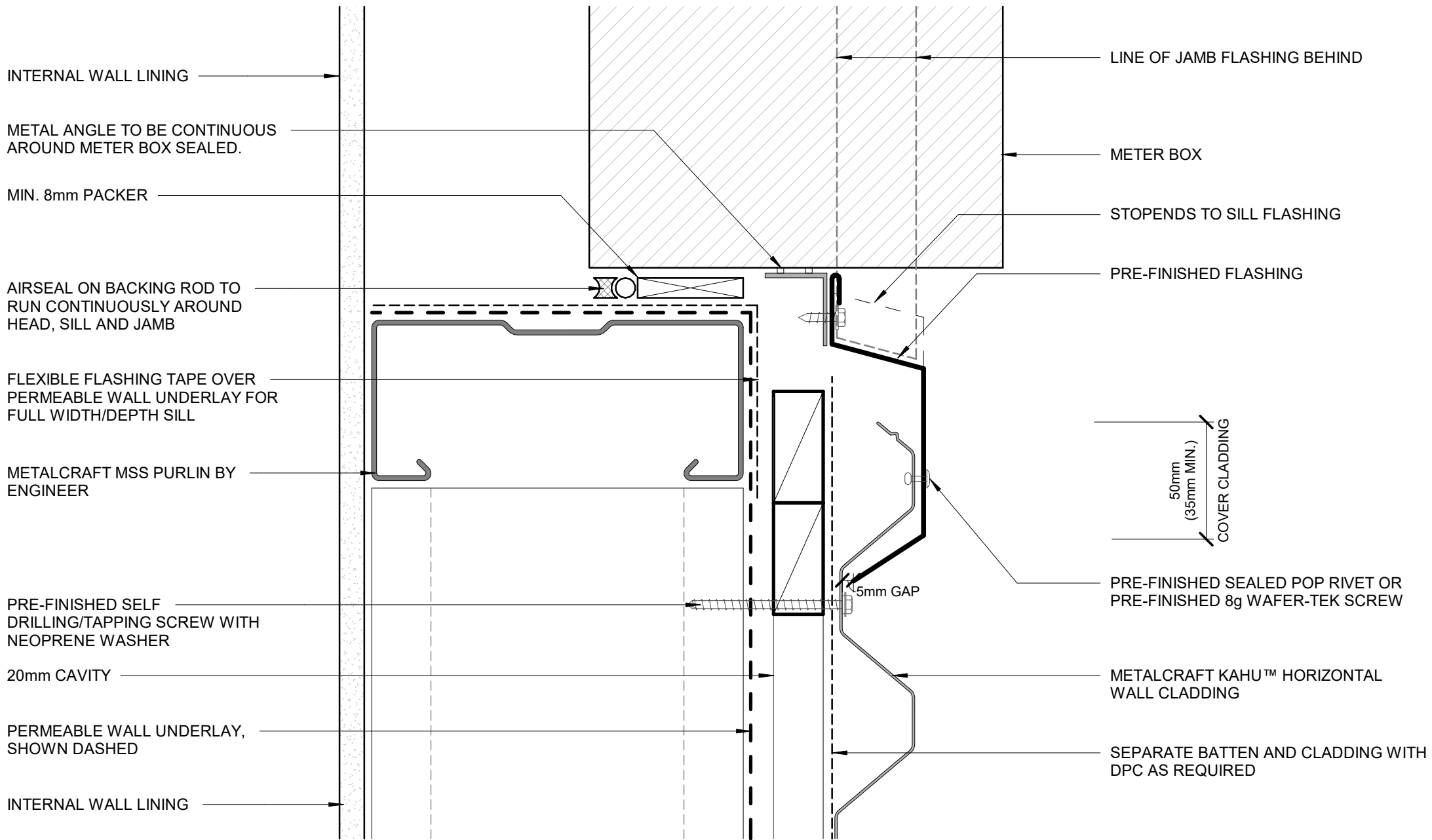
5mm GAP

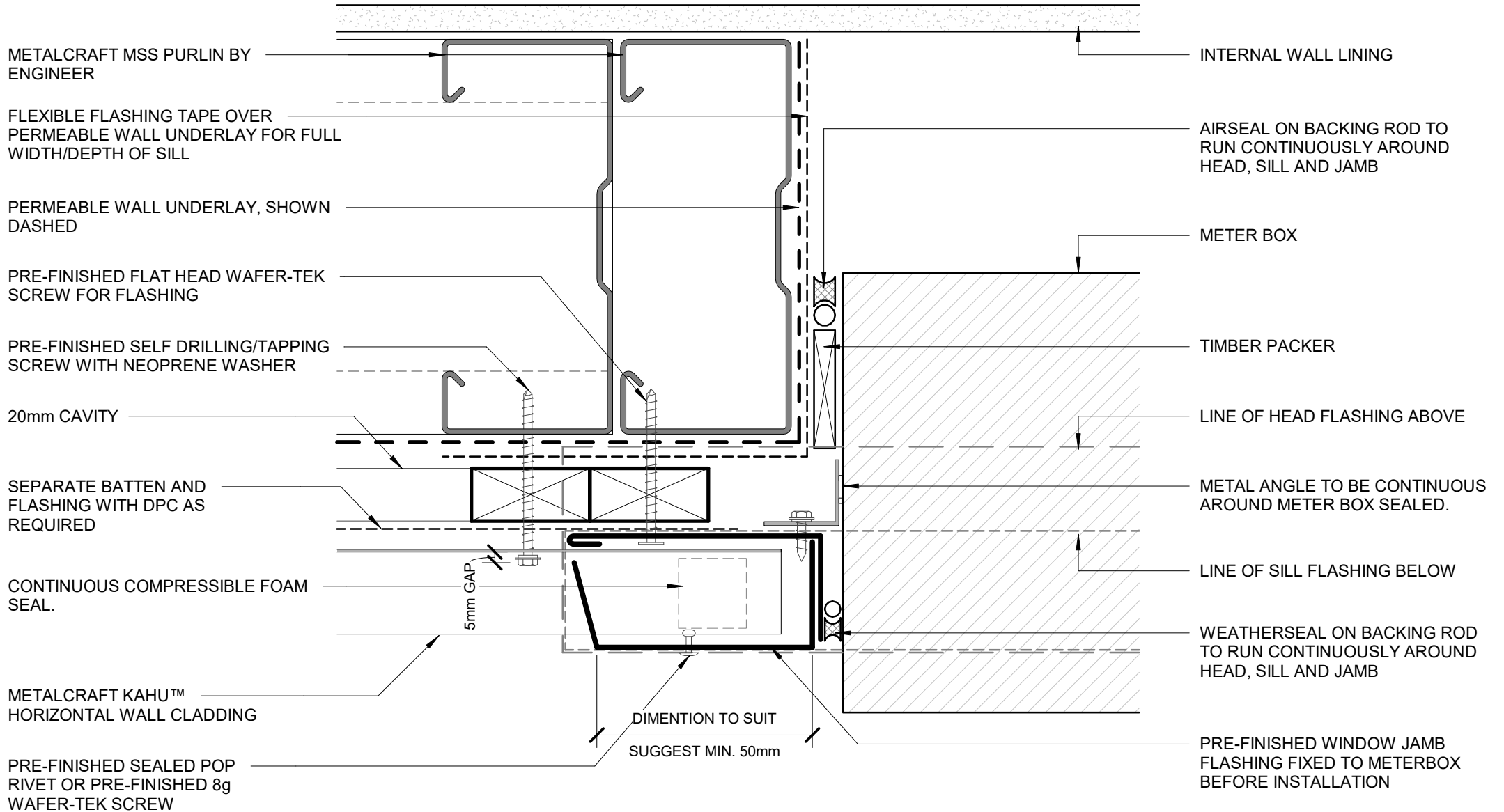
PRE-FINISHED 'U' BRACKET FIXED TO METERBOX BEFORE INSTALLATION

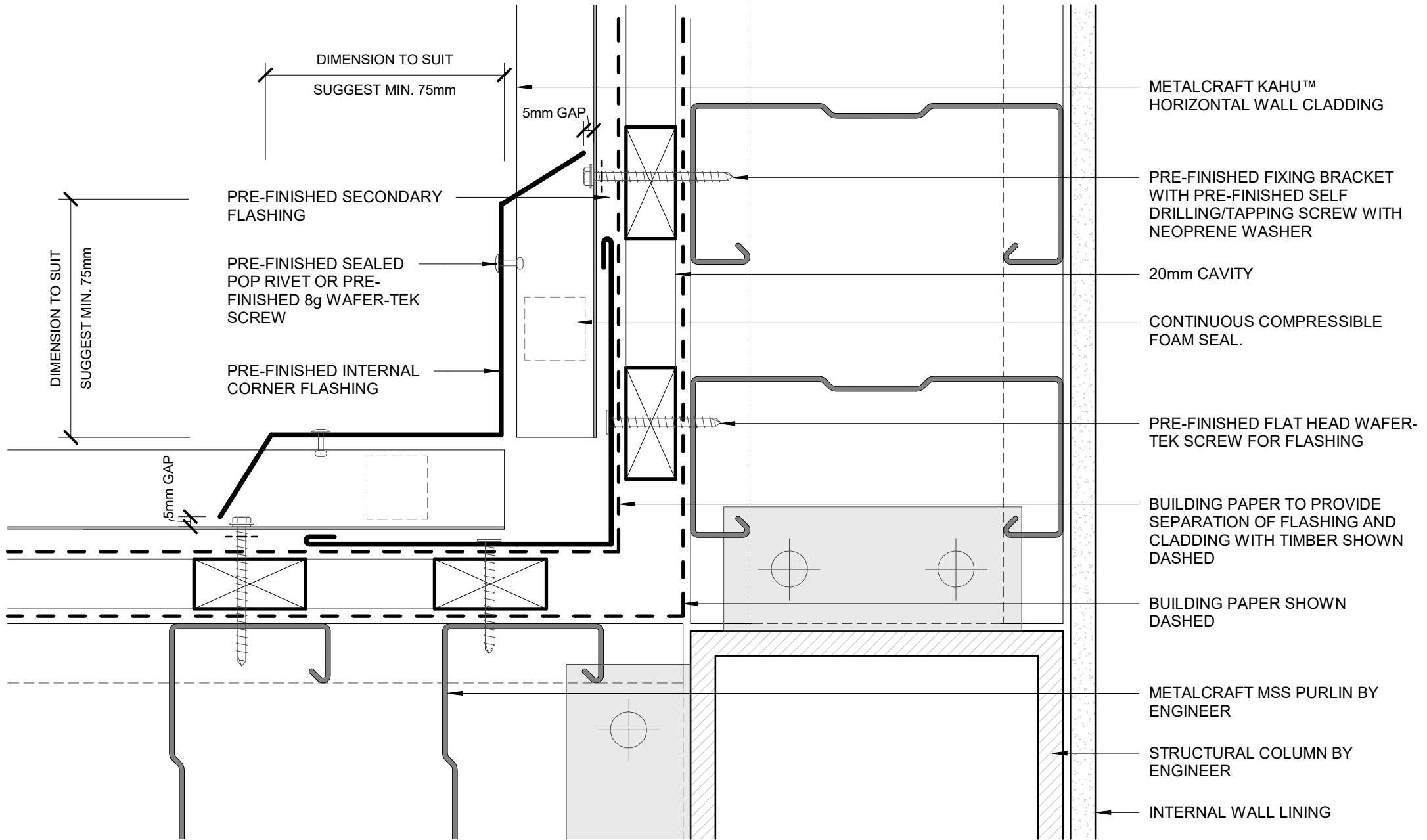
STOPENDS TO HEAD FLASHING, SHOWN DASHED

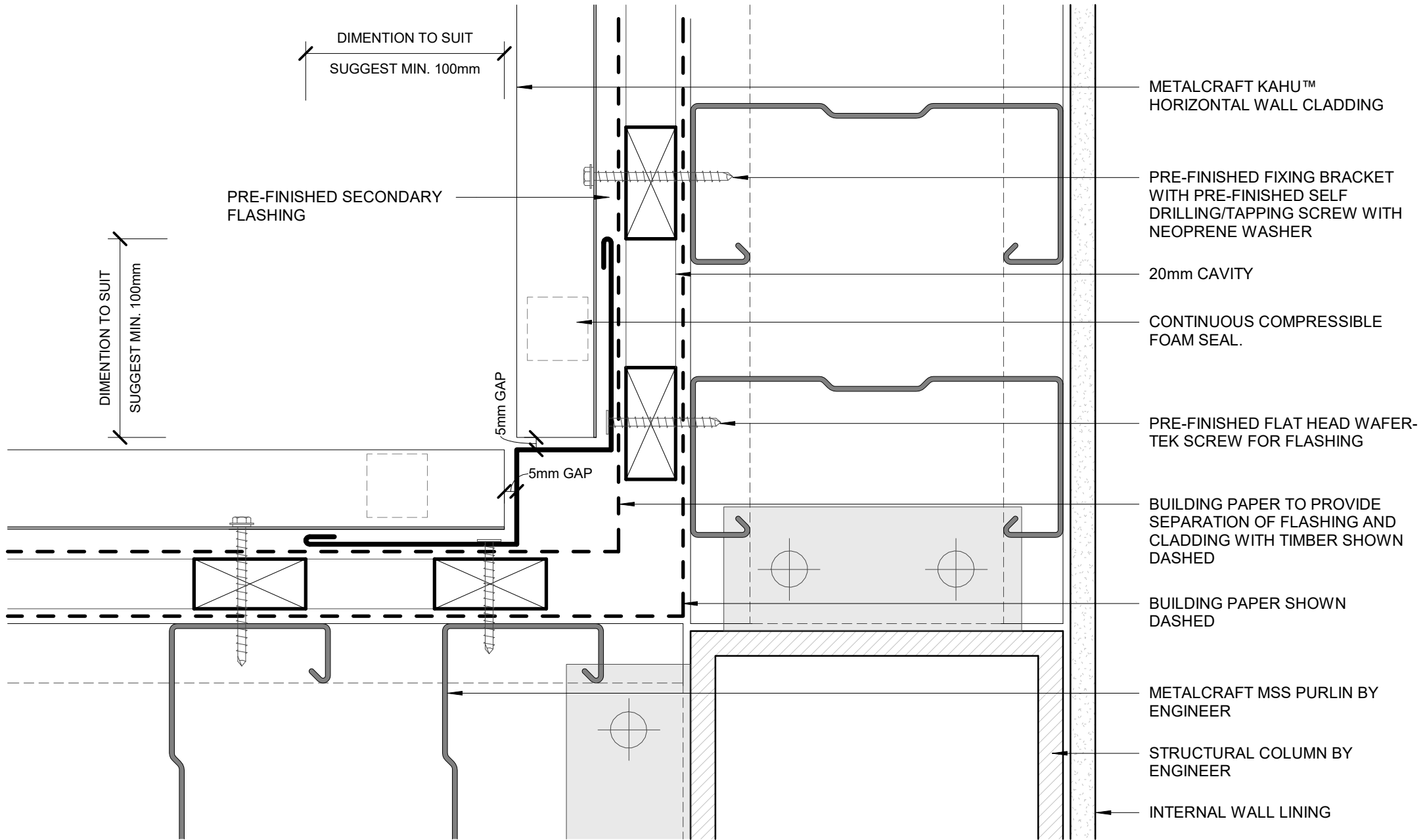
LINE OF JAMB FLASHING BEHIND

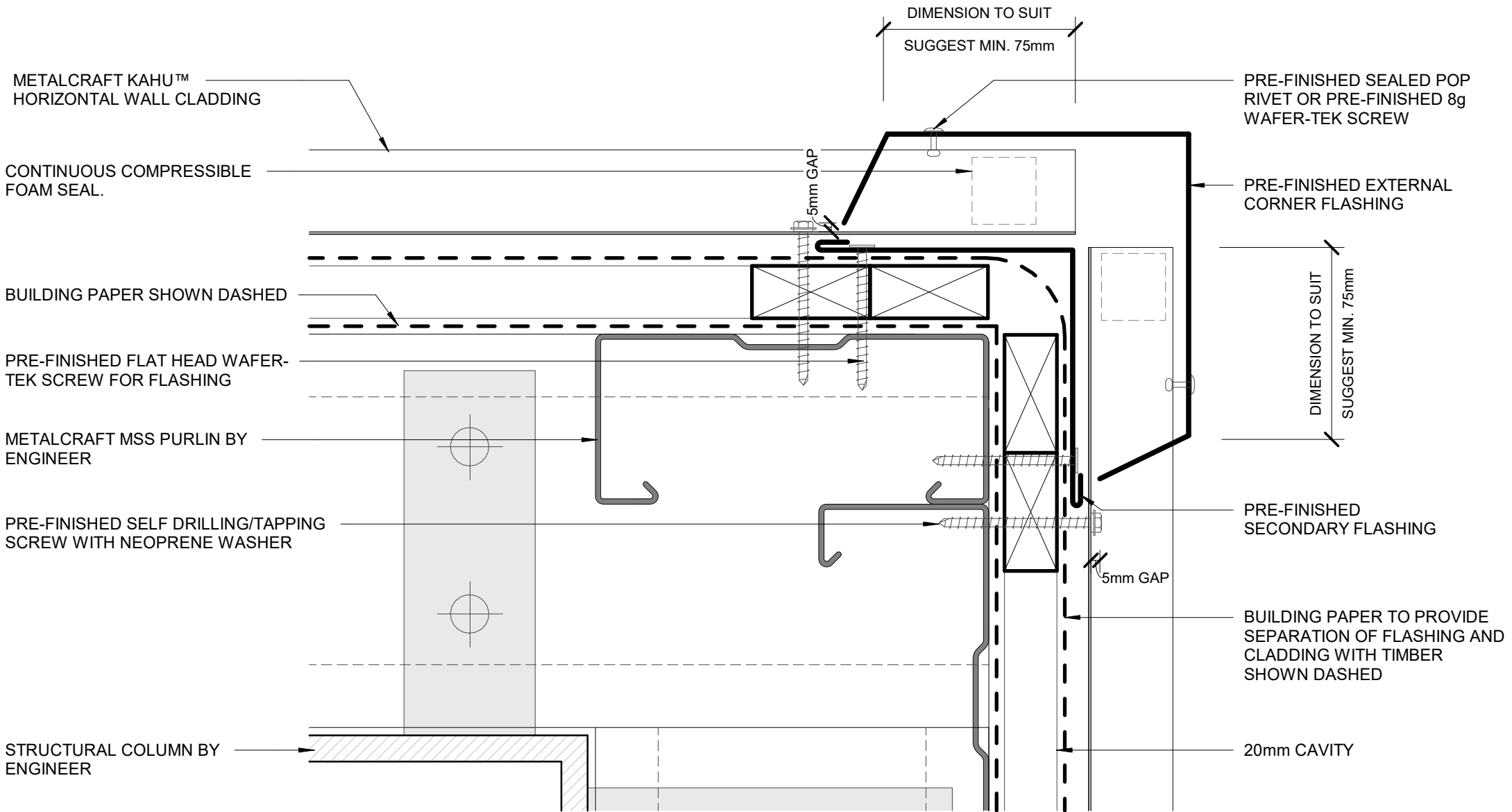
METER BOX

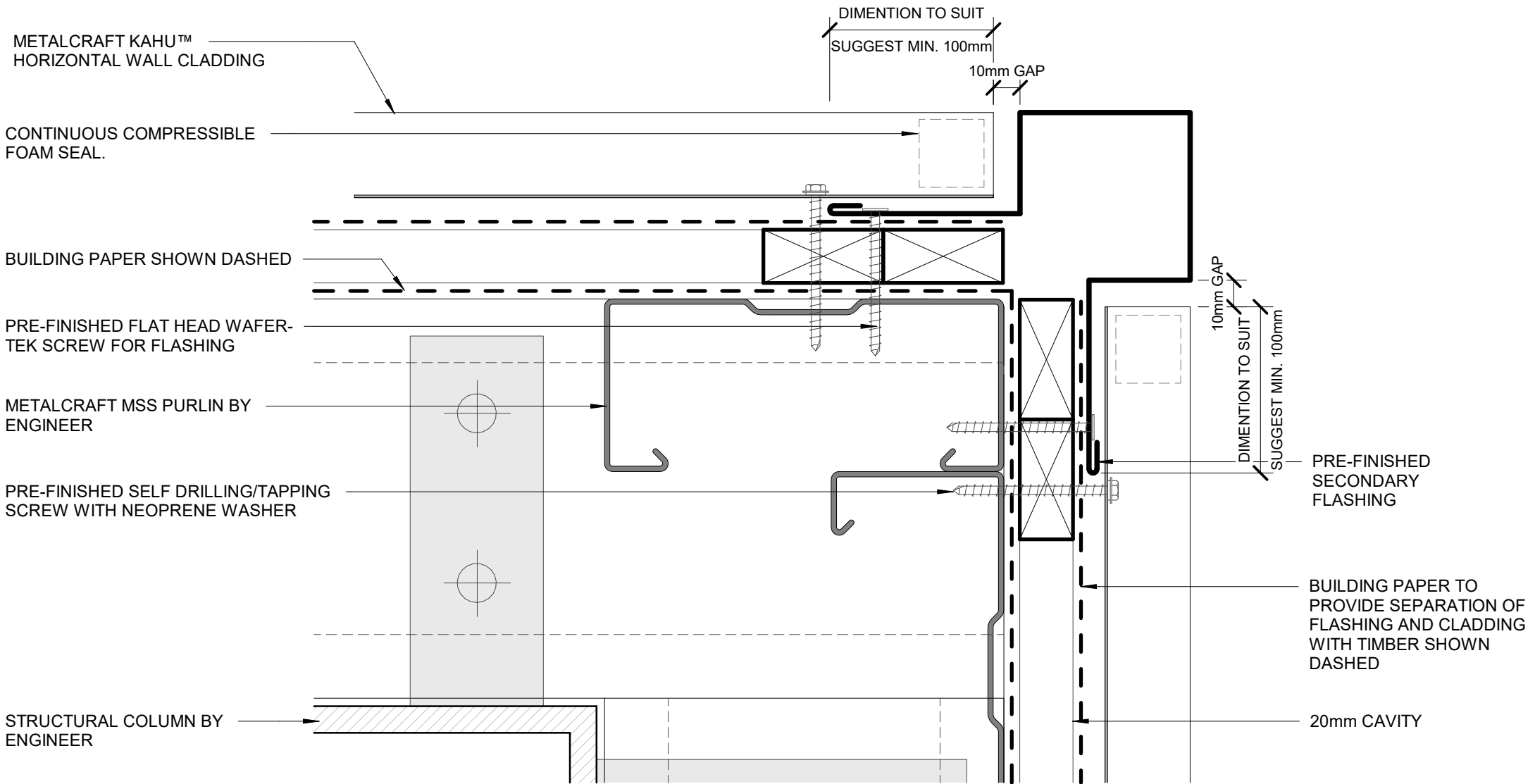


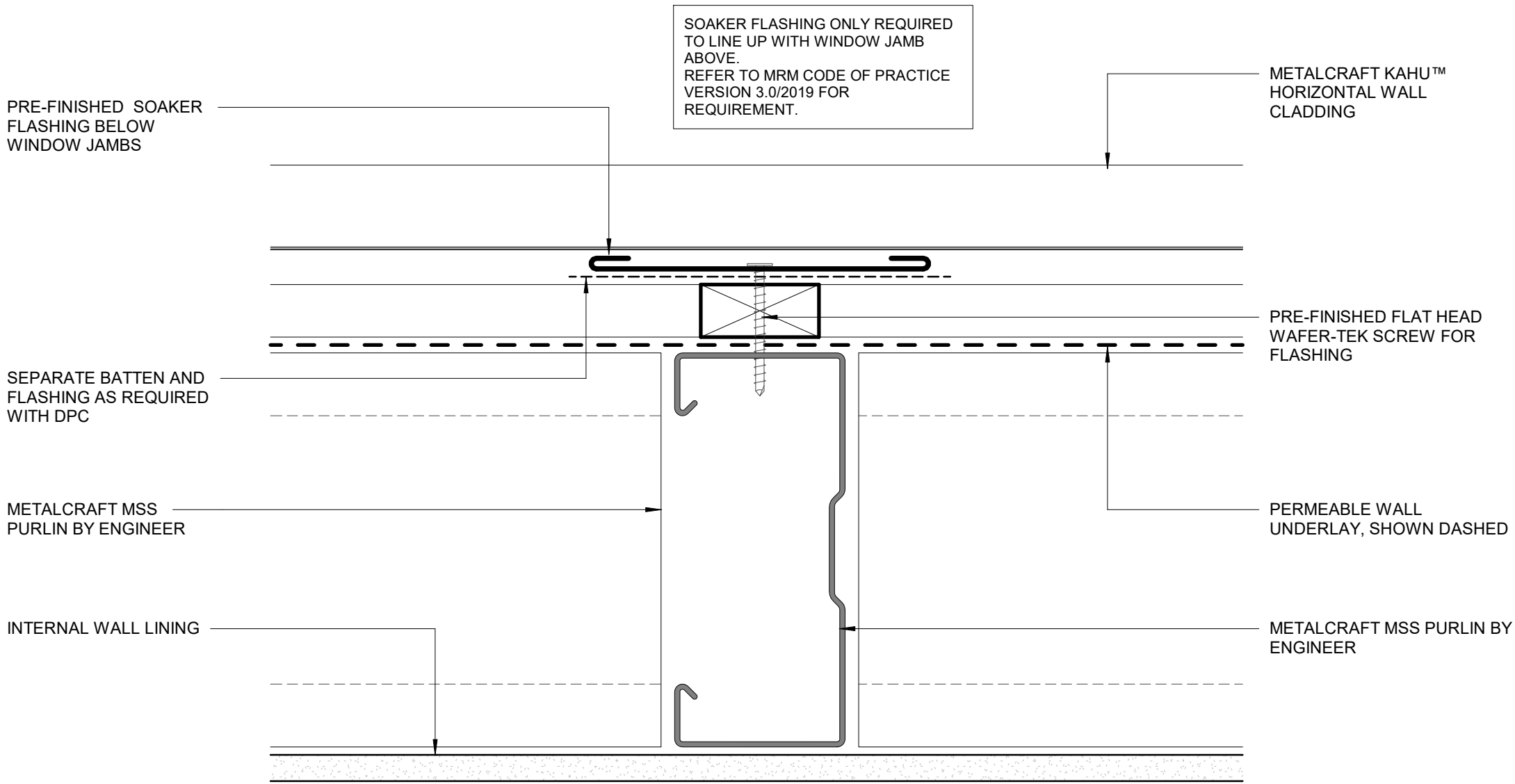












SOAKER FLASHING ONLY REQUIRED TO LINE UP WITH WINDOW JAMB ABOVE. REFER TO MRM CODE OF PRACTICE VERSION 3.0/2019 FOR REQUIREMENT.

PRE-FINISHED SOAKER FLASHING BELOW WINDOW JAMBS

METALCRAFT KAHU™ HORIZONTAL WALL CLADDING

PRE-FINISHED FLAT HEAD WAFER-TEK SCREW FOR FLASHING

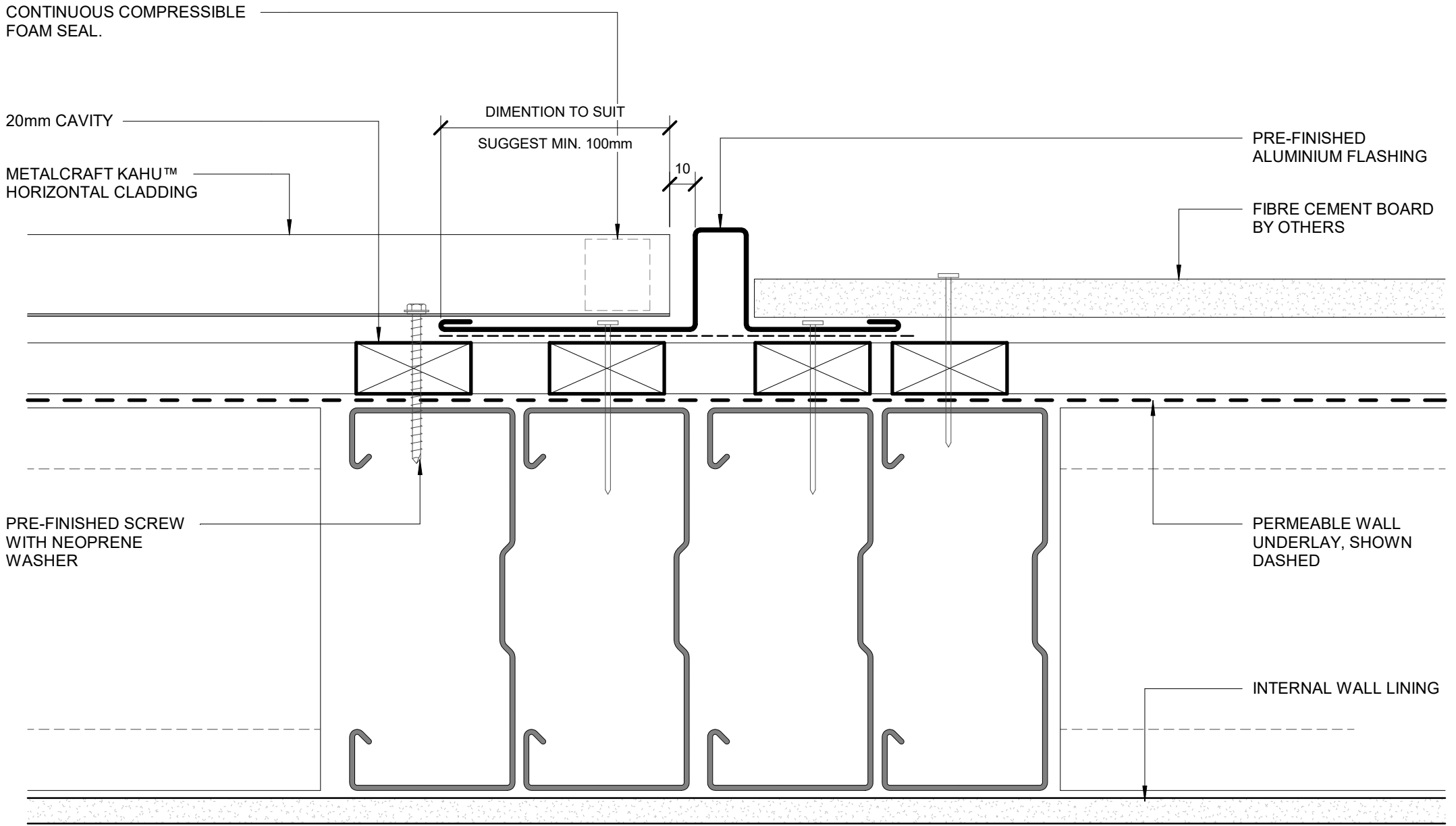
SEPARATE BATTEN AND FLASHING AS REQUIRED WITH DPC

PERMEABLE WALL UNDERLAY, SHOWN DASHED

METALCRAFT MSS PURLIN BY ENGINEER

METALCRAFT MSS PURLIN BY ENGINEER

INTERNAL WALL LINING



CONTINUOUS COMPRESSIBLE
FOAM SEAL.

20mm CAVITY

METALCRAFT KAHU™
HORIZONTAL CLADDING

DIMENTION TO SUIT
SUGGEST MIN. 100mm

10

PRE-FINISHED
ALUMINIUM FLASHING

FIBRE CEMENT BOARD
BY OTHERS

PRE-FINISHED SCREW
WITH NEOPRENE
WASHER

PERMEABLE WALL
UNDERLAY, SHOWN
DASHED

INTERNAL WALL LINING

