

Metdek 500

RESIDENTIAL VERTICAL CLADDING

DETAIL LIST

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

RVMD500

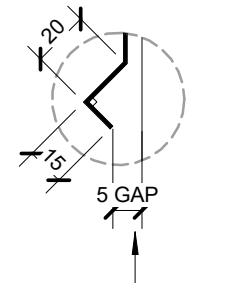
Metalcraft
Roofing
www.metalcraftgroup.co.nz

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

BUILDING PAPER TO PROVIDE SEPARATION OF
METAL CAPPING AND TIMBER SHOWN DASHED

CONTINUOUS TIMBER PACKING

STOPENDS TO WALL CLADDING



ALTERNATIVE
OPTION
BIRDS BEAK EDGE
HEMMED EDGE

COMPRESSIBLE FOAM SEAL. REFER
TO MRM CODE OF PRACTICE VERSION
3.0 /2022 FOR REQUIRMENT.

20mm CAVITY

BUILDING PAPER SHOWN DASHED

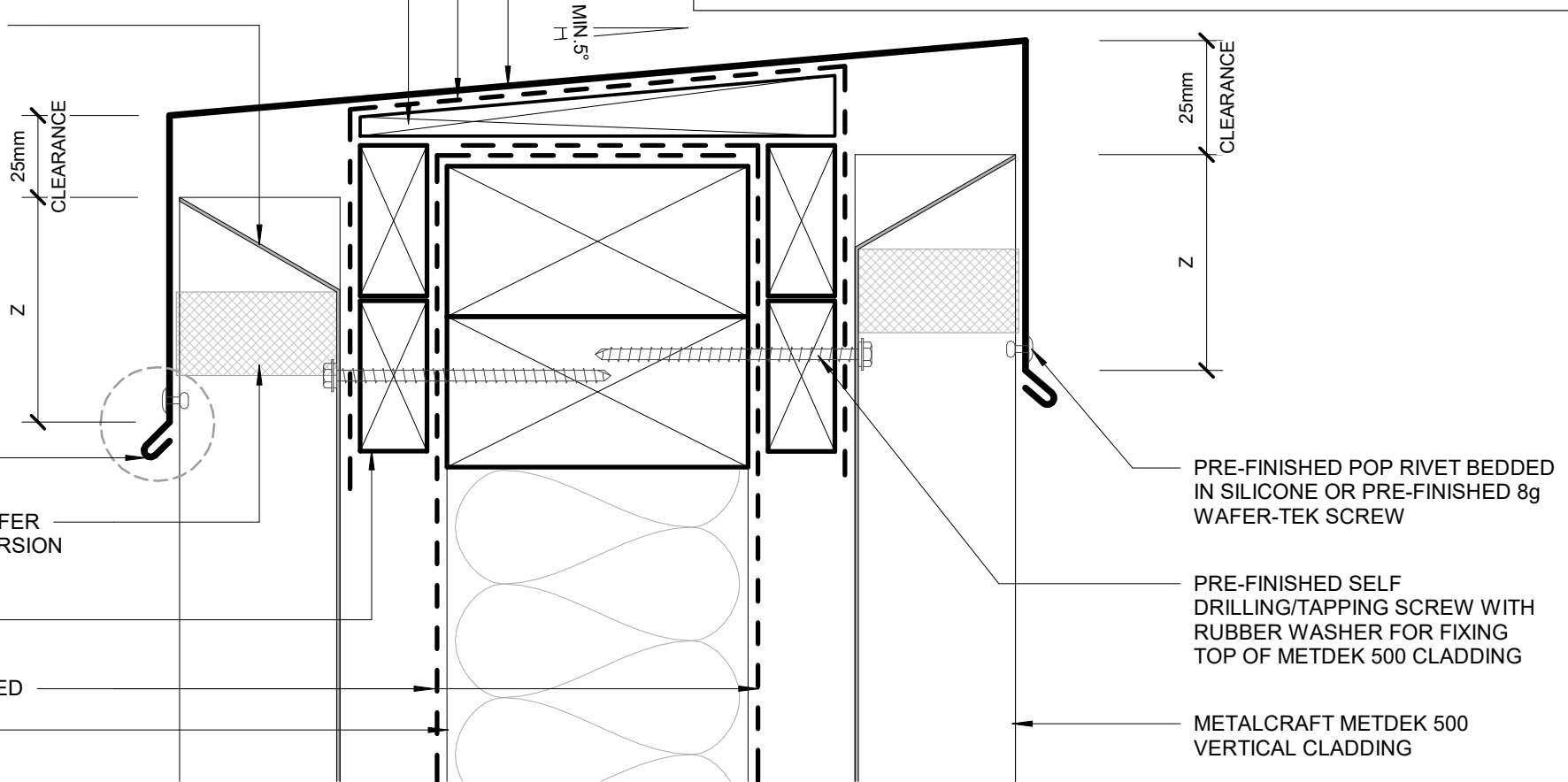
WALL FRAMING

- BUILDING PAPER IS THE COMMON GENERIC NAME FOR
PERMEABLE
ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND
MRM CODE OF PRACTICE VERSION 3.0 /2022.

- CAVITY SYSTEM FOR VERTICAL CLADDING : 20mm NOMINAL THICK
(VERTICALLY DRAINING) HORIZONTAL CAVITY SYSTEM WITH
BATTENS AS APPLICABLE TO SUPPORT CLADDINGS & FLASHINGS TO
NZBC
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CATEGORY A		CATEGORY B			
1. NORMAL EXPOSURE 2. ROOF PITCH >10°		1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°			
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)		
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.					
SITUATION 1		SITUATION 2		SITUATION 3	
1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°		1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES		1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES	
Z	MIN. 50mm	Z	MIN. 70mm	Z	MIN. 90mm
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.					



PRE-FINISHED POP RIVET BEDDED
IN SILICONE OR PRE-FINISHED 8g
WAFER-TEK SCREW

PRE-FINISHED SELF
DRILLING/TAPPING SCREW WITH
RUBBER WASHER FOR FIXING
TOP OF METDEK 500 CLADDING

METALCRAFT METDEK 500
VERTICAL CLADDING

PARAPET AND BALUSTRADE CAPPING RESIDENTIAL VERTICAL CLADDING

Metdek 500

Rev. 1.0

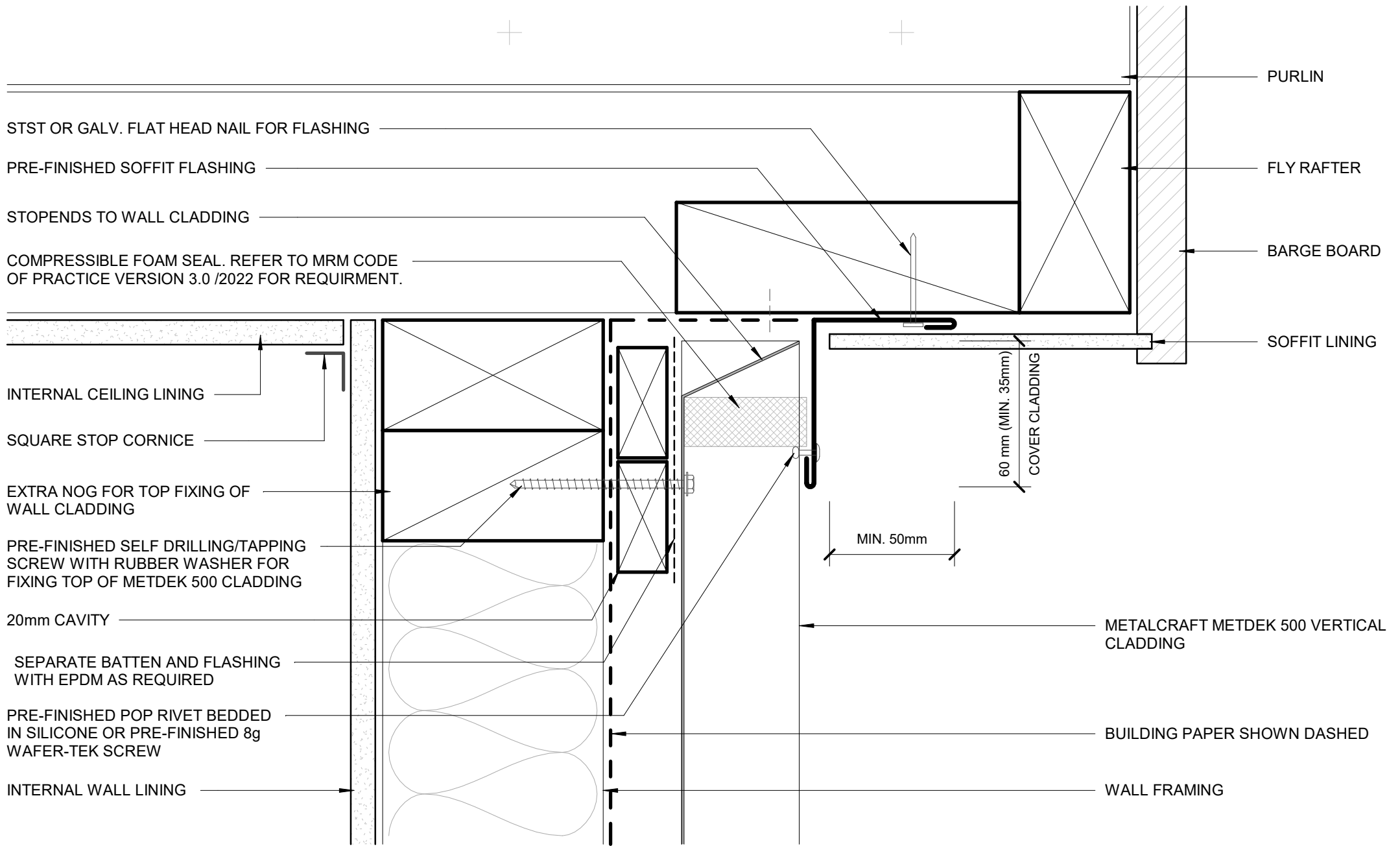
Reference RVMD500

Date JAN 2023

Scale 1 : 2

Sheet

01 / 20



STST OR GALV. FLAT HEAD NAIL FOR FLASHING

PRE-FINISHED SOFFIT FLASHING

STOPENDS TO WALL CLADDING

COMPRESSIBLE FOAM SEAL. REFER TO MRM CODE OF PRACTICE VERSION 3.0 /2022 FOR REQUIRMENT.

INTERNAL CEILING LINING

SQUARE STOP CORNICE

EXTRA NOG FOR TOP FIXING OF WALL CLADDING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER FOR FIXING TOP OF METDEK 500 CLADDING

20mm CAVITY

SEPARATE BATTEN AND FLASHING WITH EPDM AS REQUIRED

PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW

INTERNAL WALL LINING

PURLIN

FLY RAFTER

BARGE BOARD

SOFFIT LINING

60 mm (MIN. 35mm)
COVER CLADDING

MIN. 50mm

METALCRAFT METDEK 500 VERTICAL CLADDING

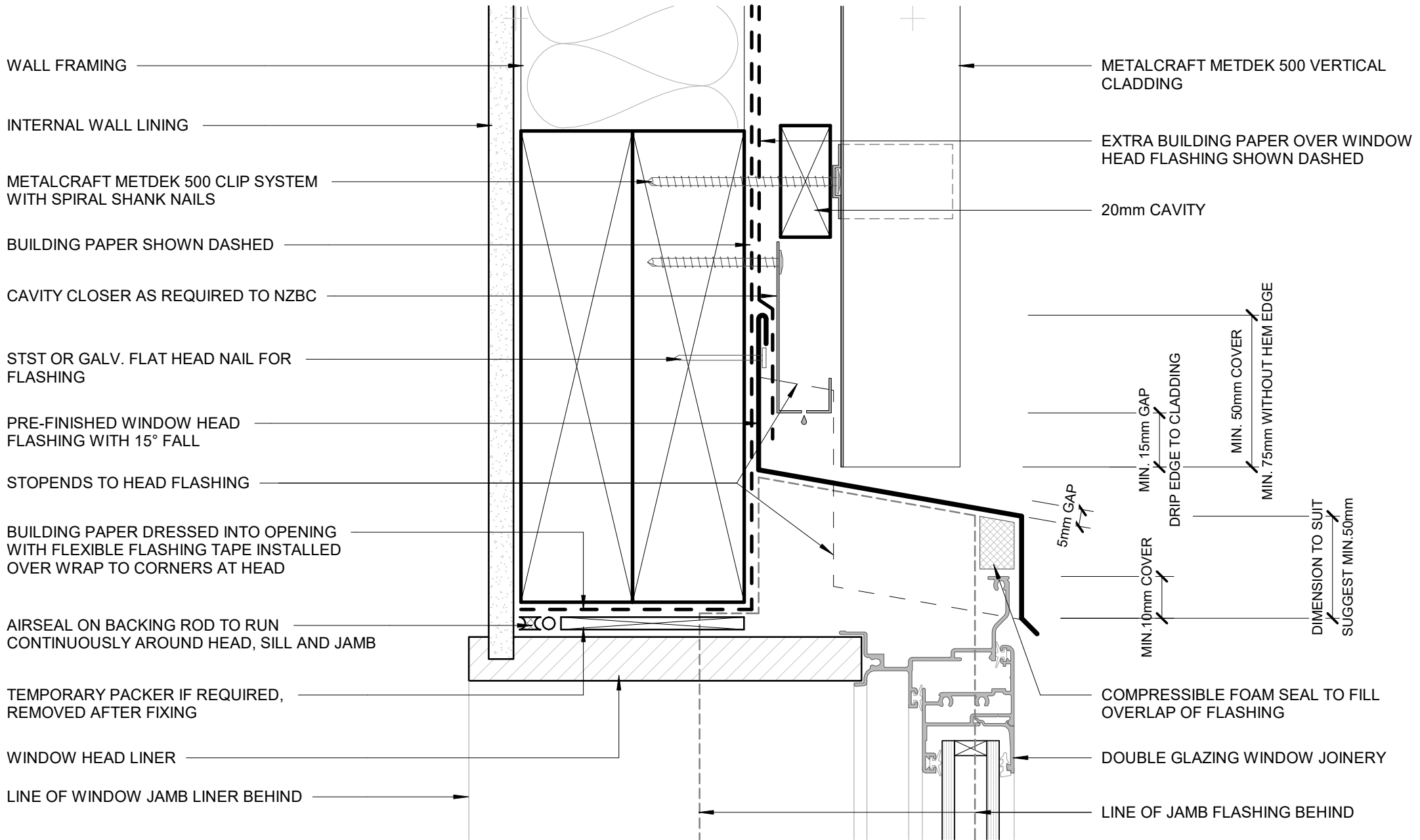
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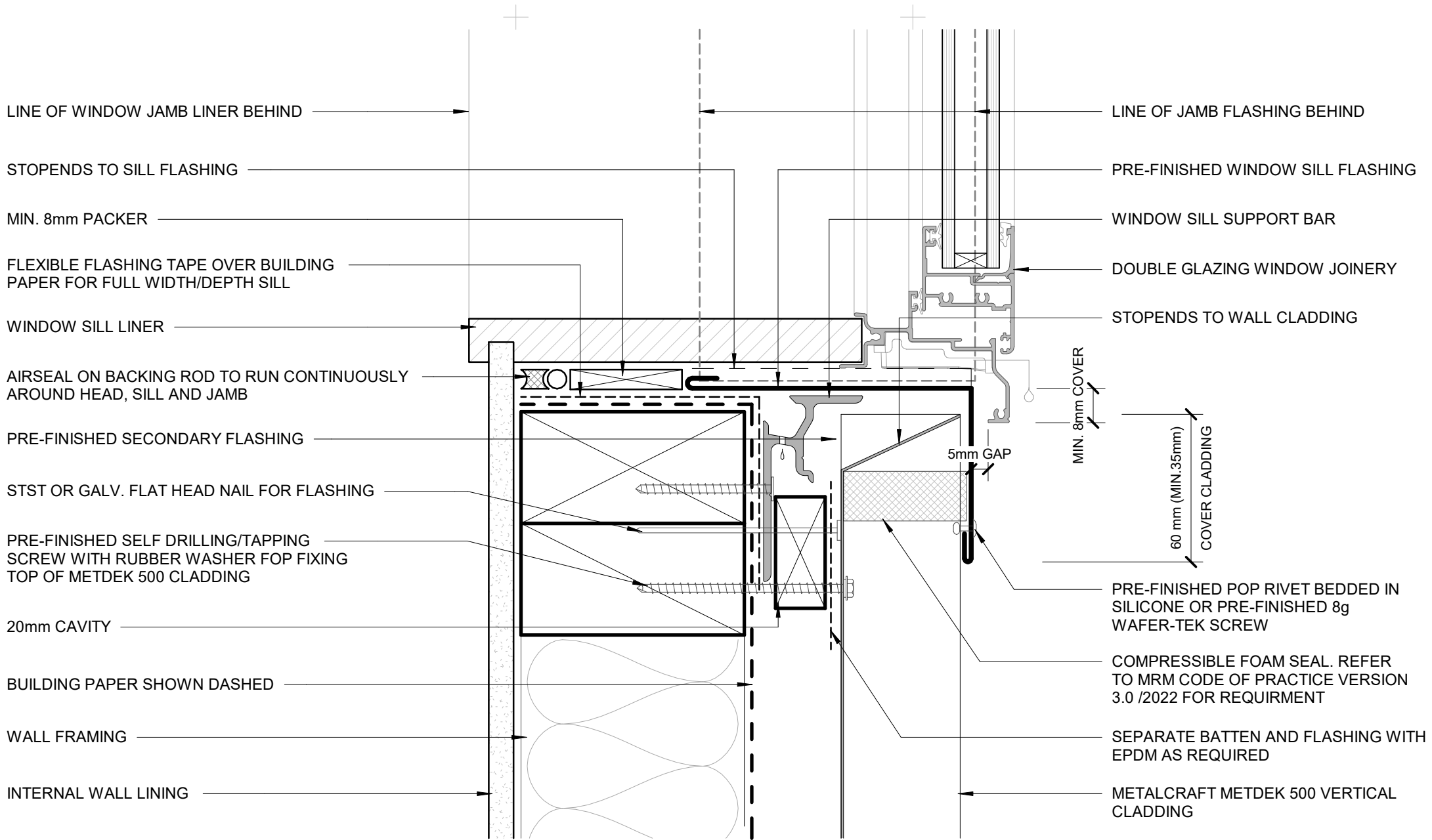
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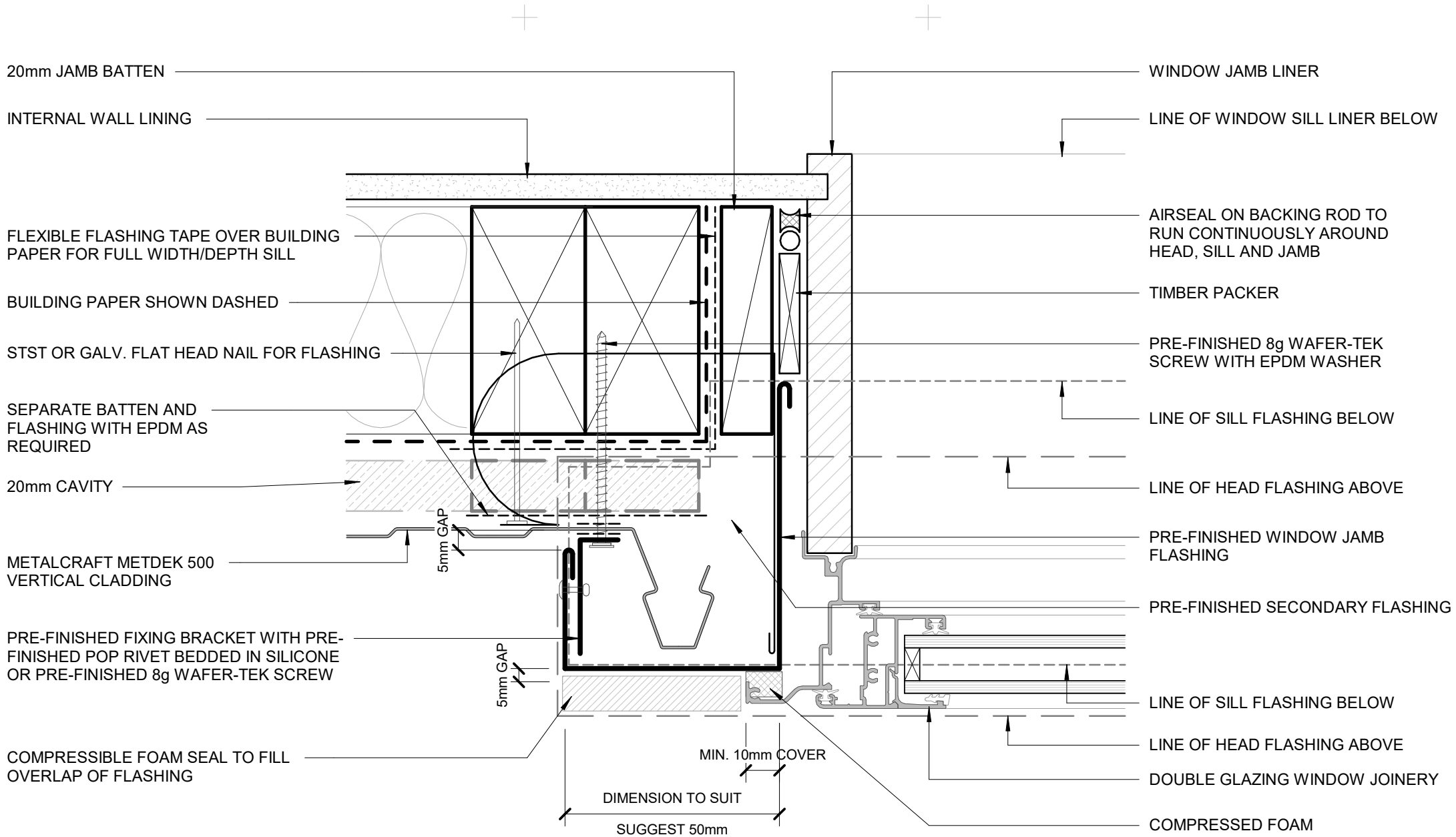
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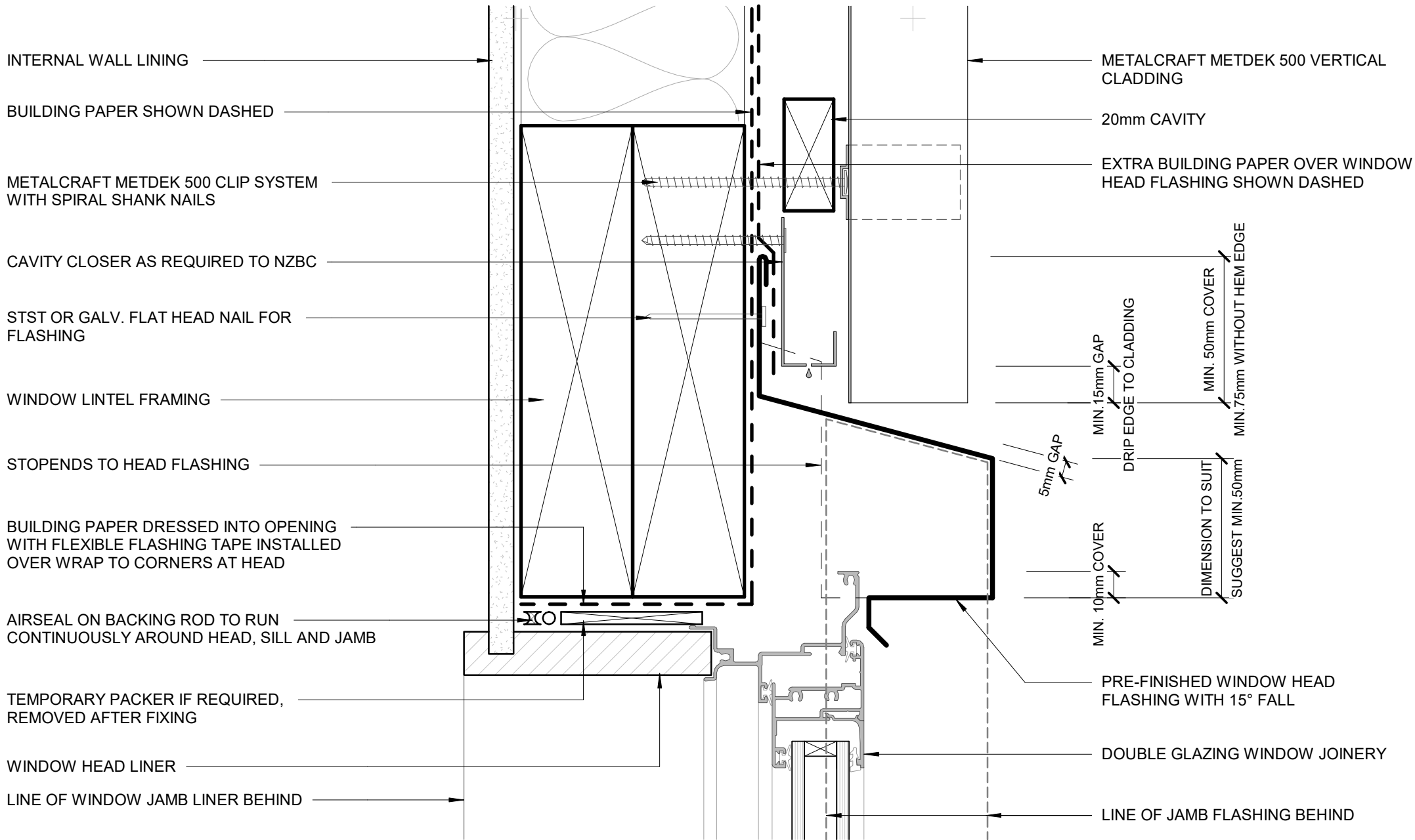
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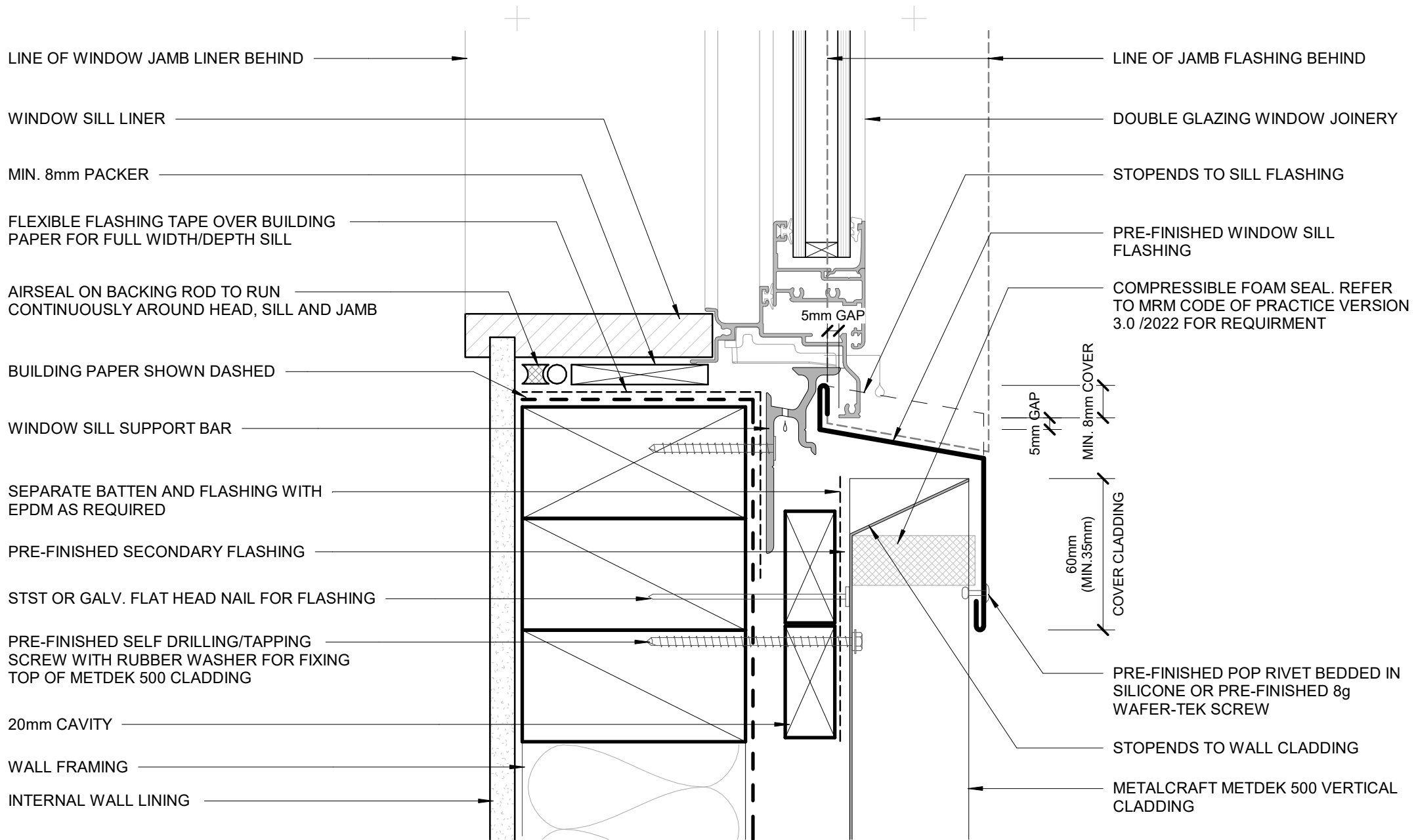
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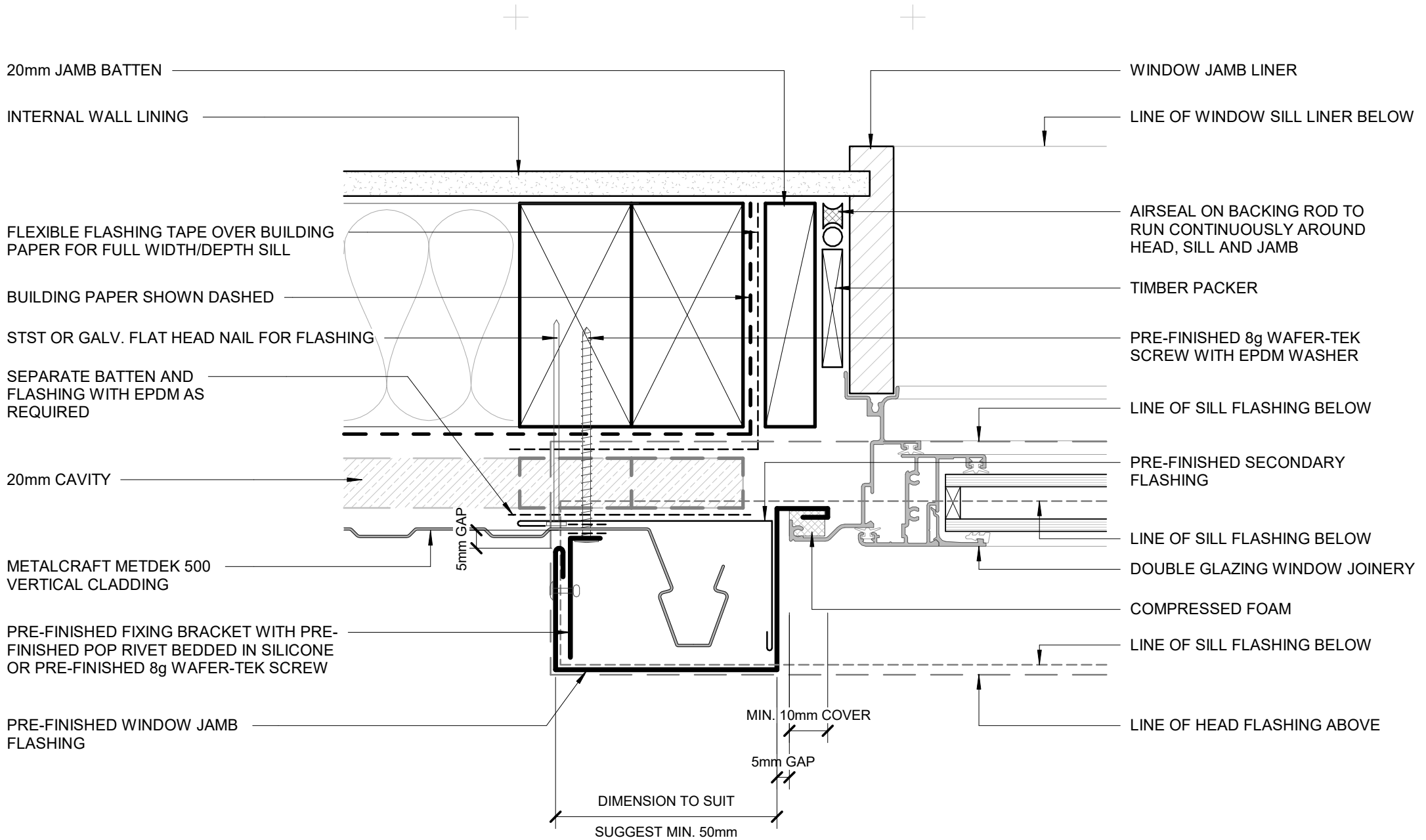


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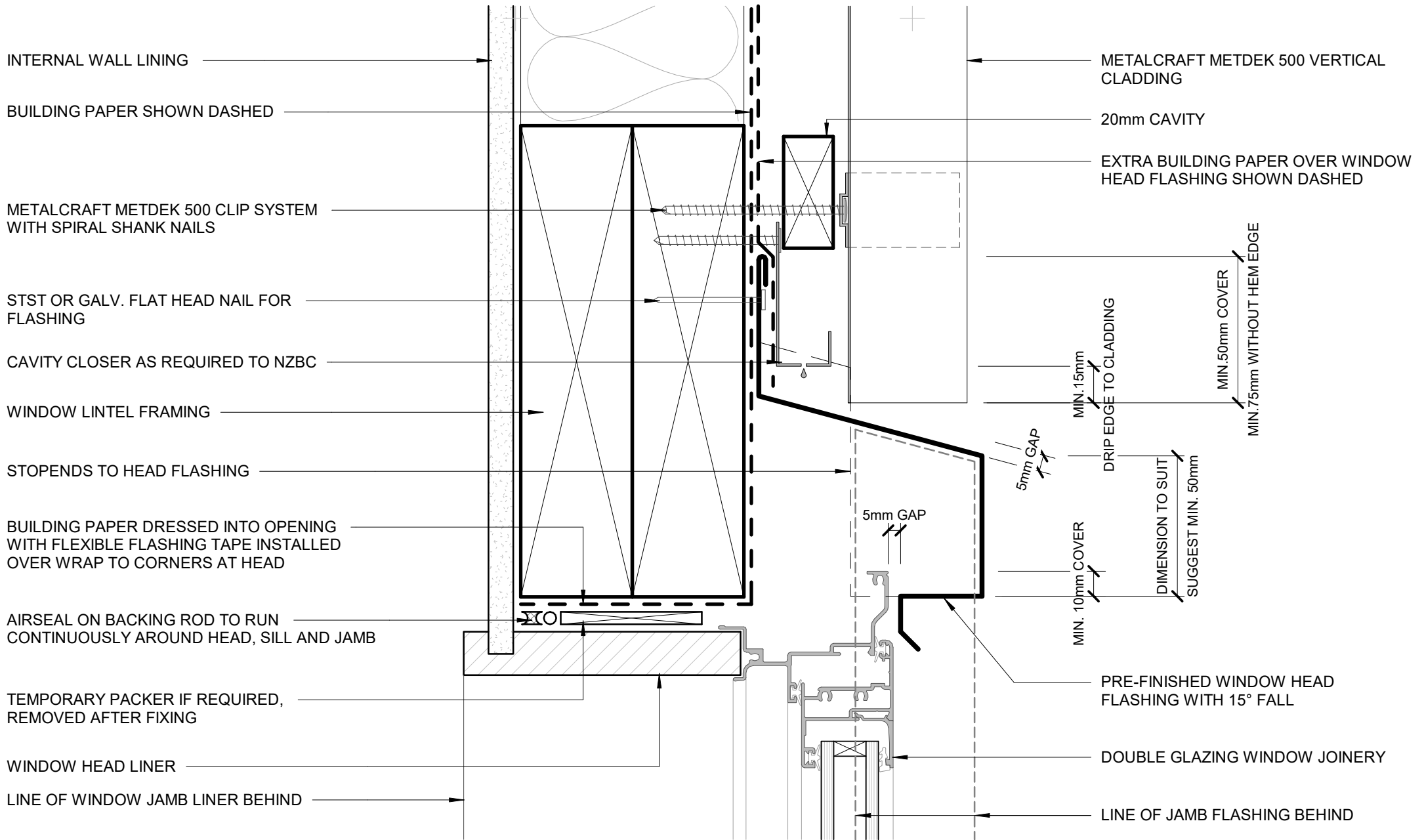
RECESSED WINDOW SILL
RESIDENTIAL VERTICAL CLADDING



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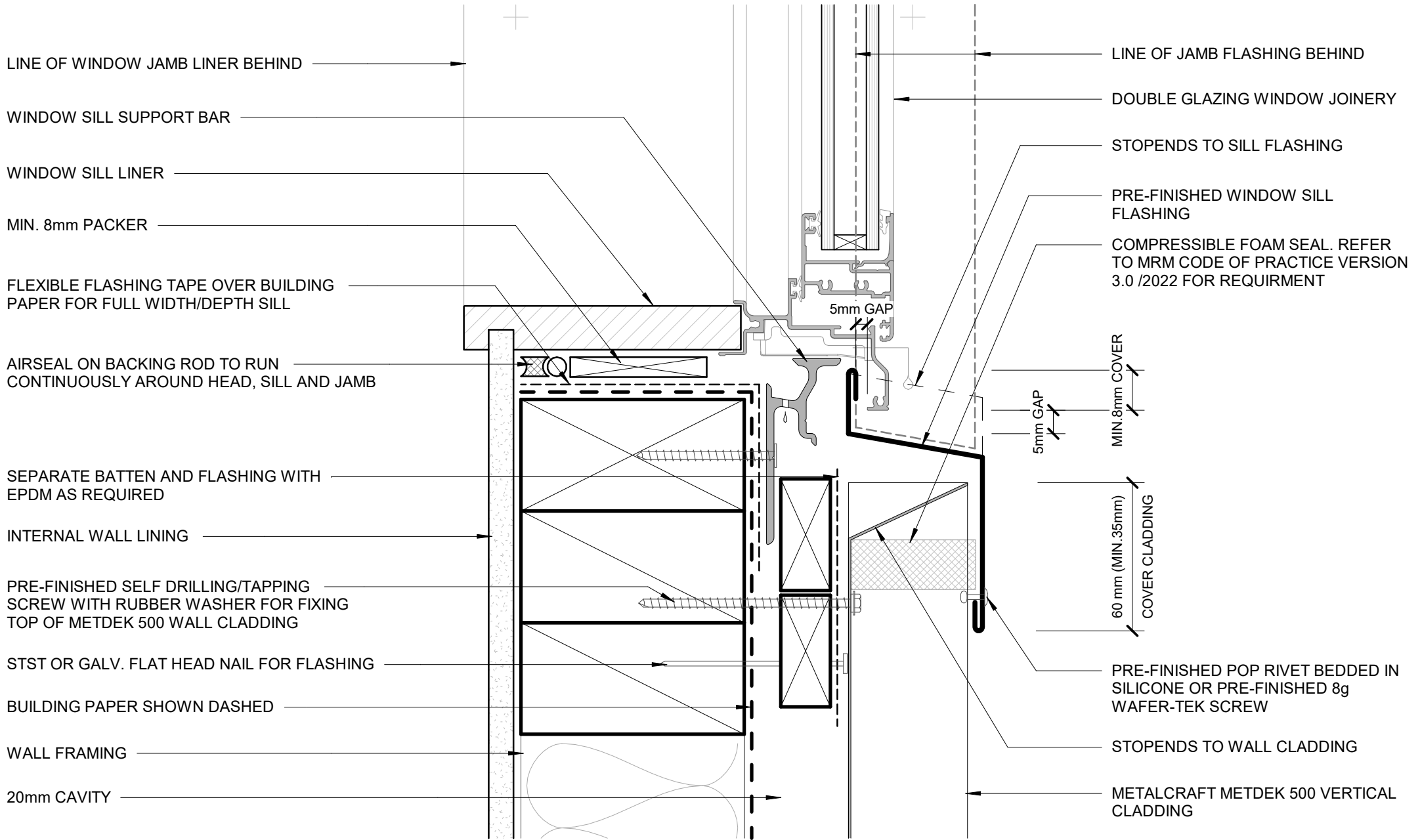
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BUTT WINDOW SILL
RESIDENTIAL VERTICAL CLADDING

Metdek 500

Rev. 1.0

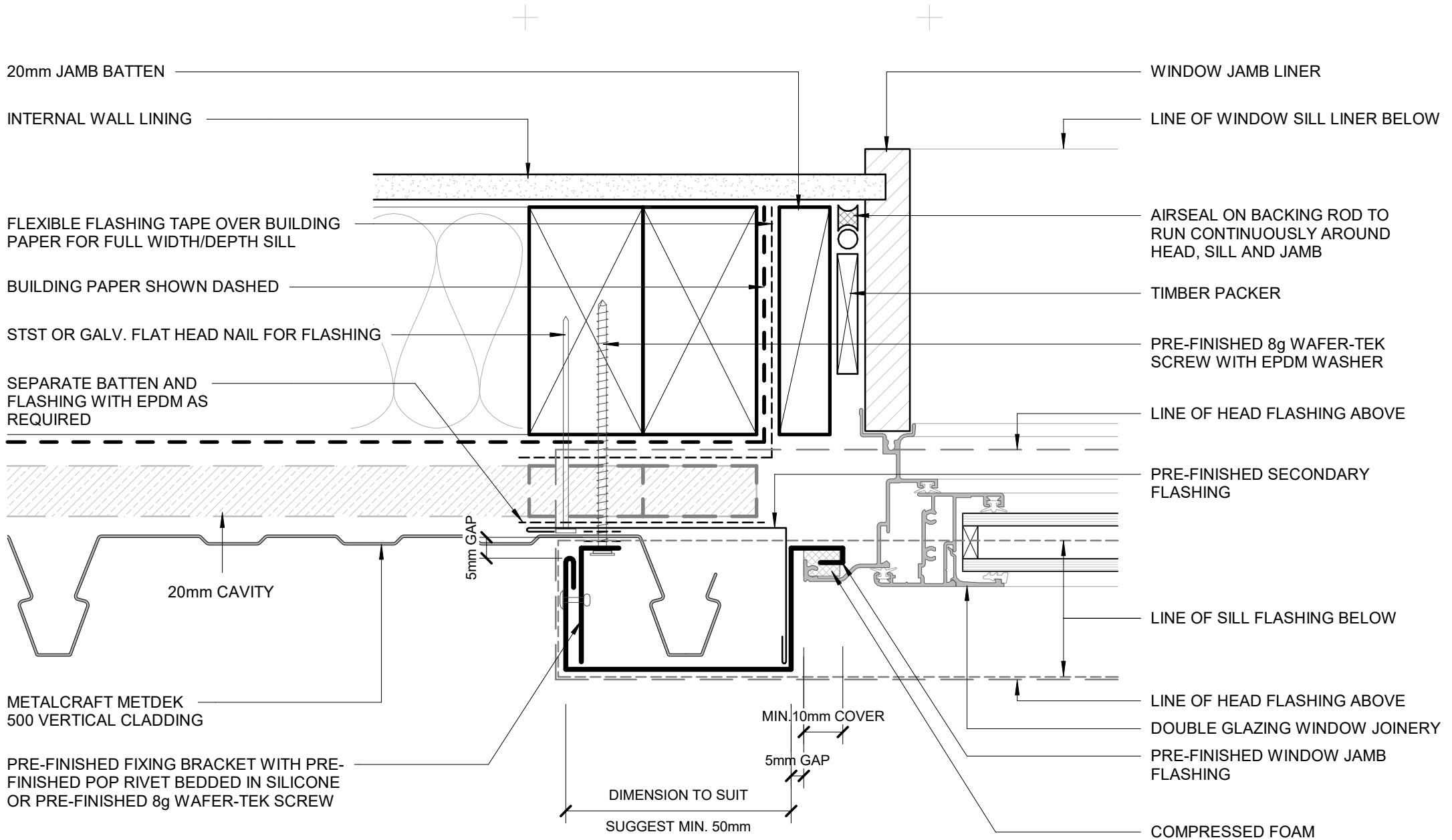
Reference RVMD500

Date JAN 2023

Scale 1 : 2

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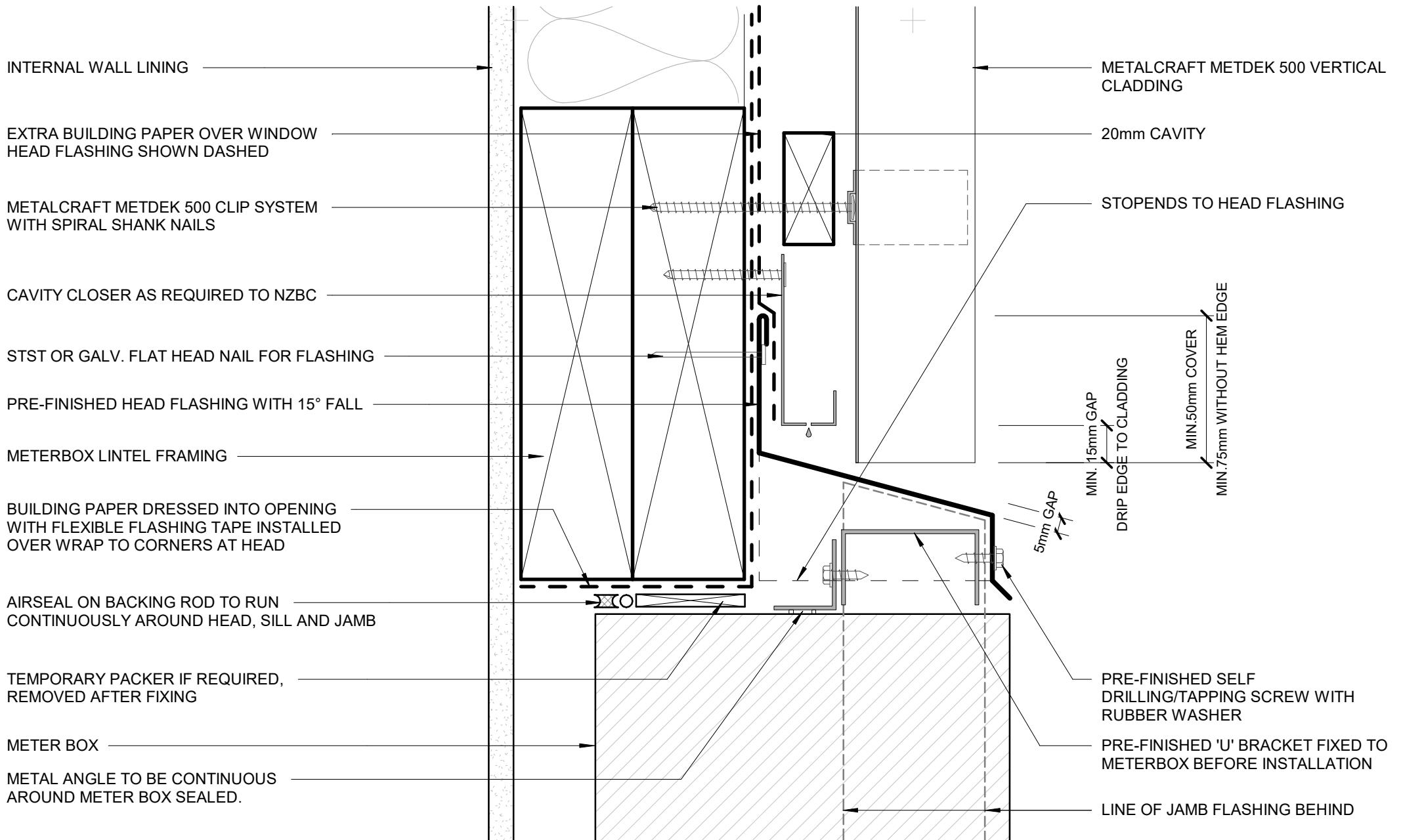
10 / 20



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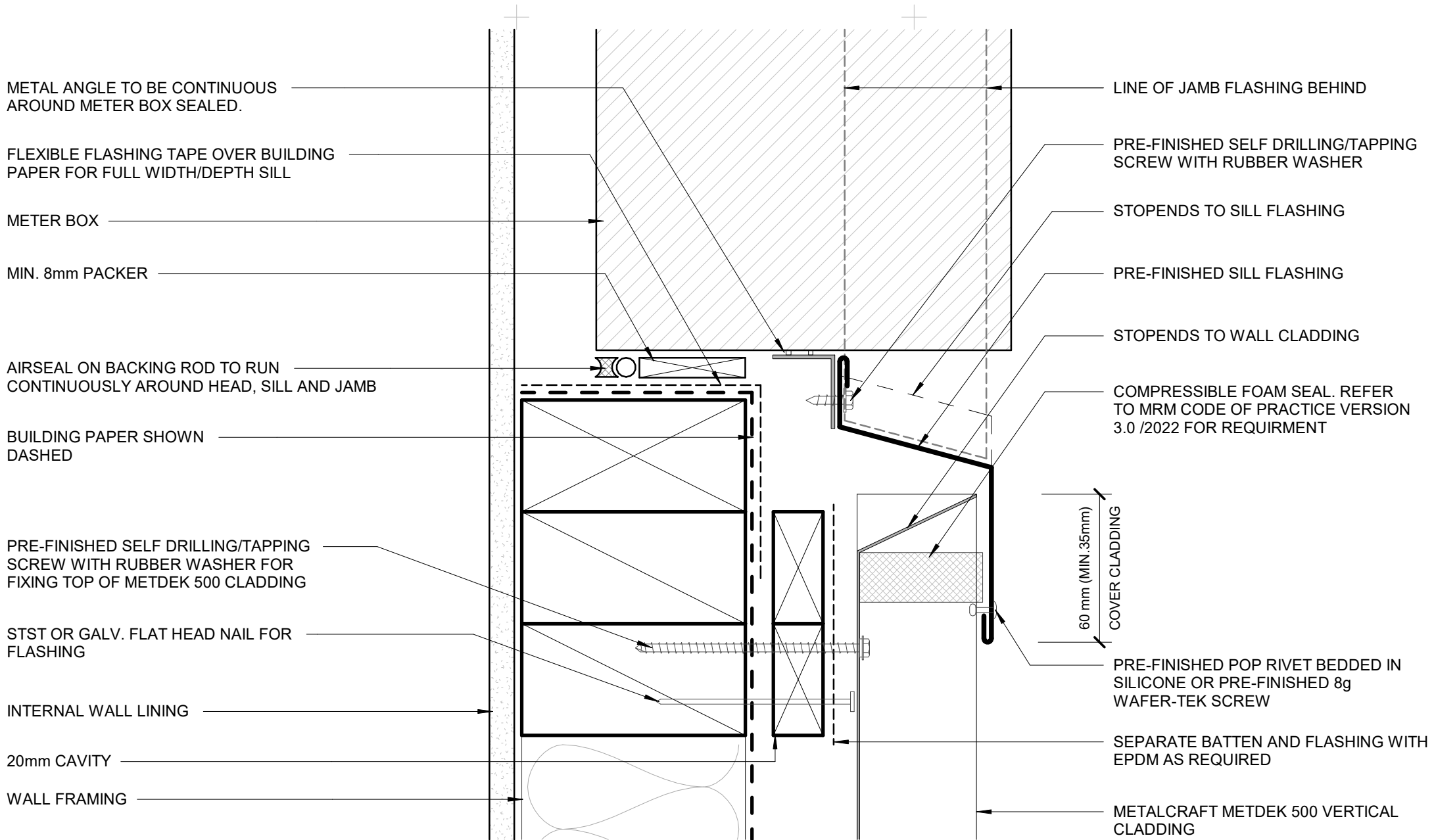
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METAL ANGLE TO BE CONTINUOUS AROUND METER BOX SEALED.

FLEXIBLE FLASHING TAPE OVER BUILDING PAPER FOR FULL WIDTH/DEPTH SILL

METER BOX

MIN. 8mm PACKER

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

BUILDING PAPER SHOWN DASHED

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER FOR FIXING TOP OF METDEK 500 CLADDING

STST OR GALV. FLAT HEAD NAIL FOR FLASHING

INTERNAL WALL LINING

20mm CAVITY

WALL FRAMING

LINE OF JAMB FLASHING BEHIND

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

STOPENDS TO SILL FLASHING

PRE-FINISHED SILL FLASHING

STOPENDS TO WALL CLADDING

COMPRESSIBLE FOAM SEAL. REFER TO MRM CODE OF PRACTICE VERSION 3.0 /2022 FOR REQUIREMENT

60 mm (MIN. 35mm)
COVER CLADDING

PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW

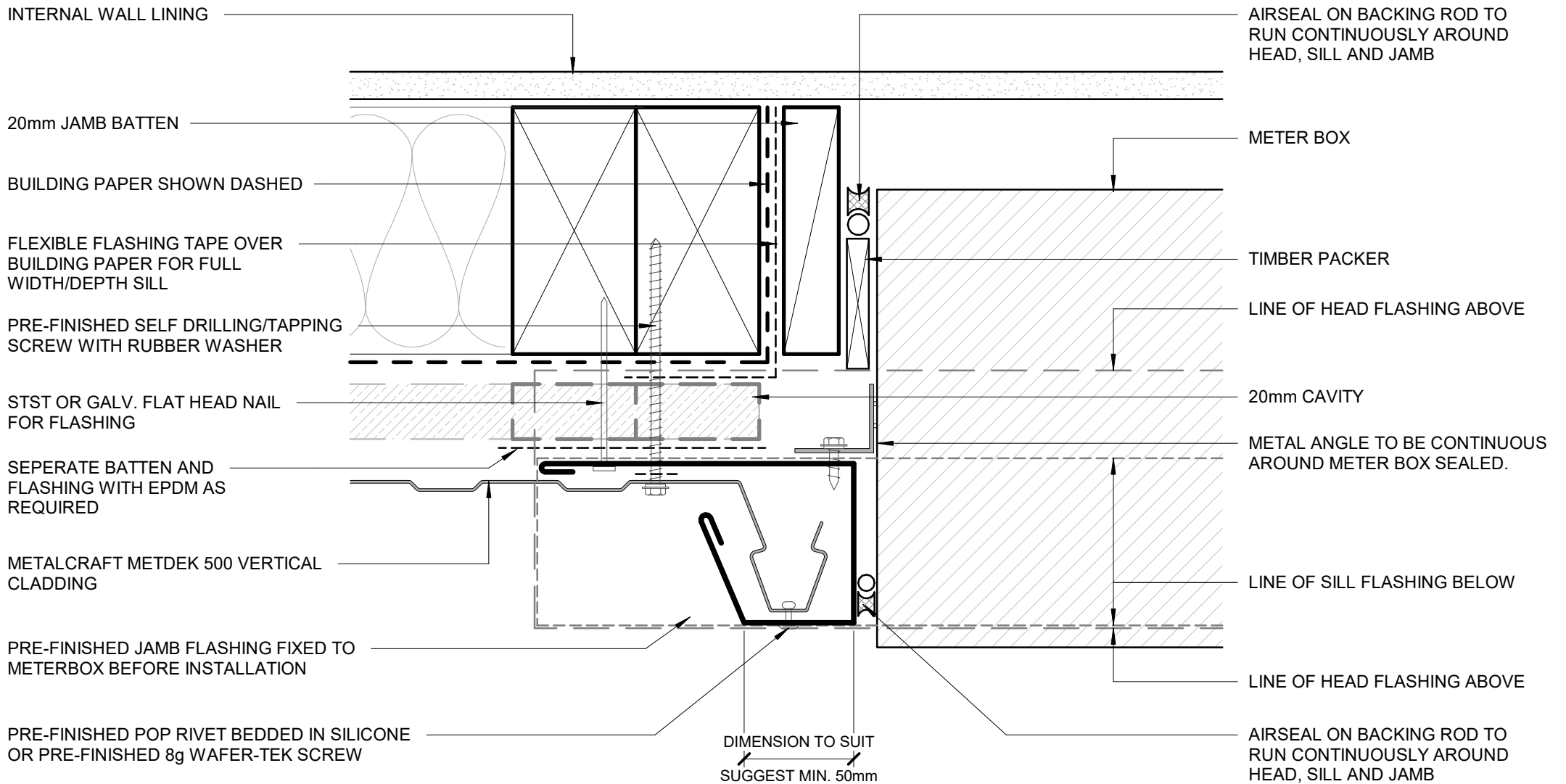
SEPARATE BATTEN AND FLASHING WITH EPDM AS REQUIRED

METALCRAFT METDEK 500 VERTICAL CLADDING

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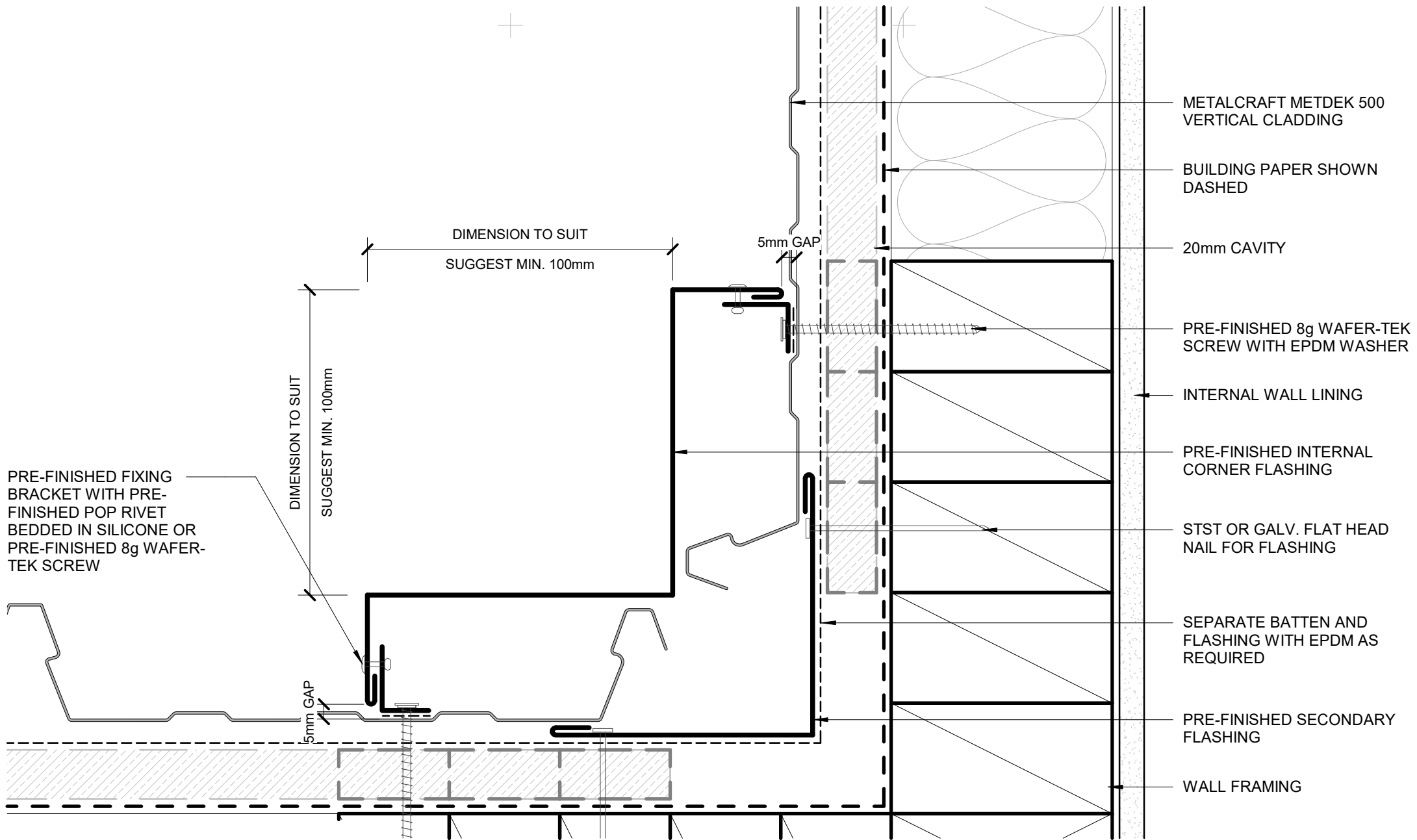
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METALCRAFT METDEK 500 VERTICAL CLADDING

BUILDING PAPER SHOWN DASHED

20mm CAVITY

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

INTERNAL WALL LINING

PRE-FINISHED INTERNAL CORNER FLASHING

STST OR GALV. FLAT HEAD NAIL FOR FLASHING

SEPARATE BATTEN AND FLASHING WITH EPDM AS REQUIRED

PRE-FINISHED SECONDARY FLASHING

WALL FRAMING

INTERNAL CORNER

RESIDENTIAL VERTICAL CLADDING

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Rev. 1.0

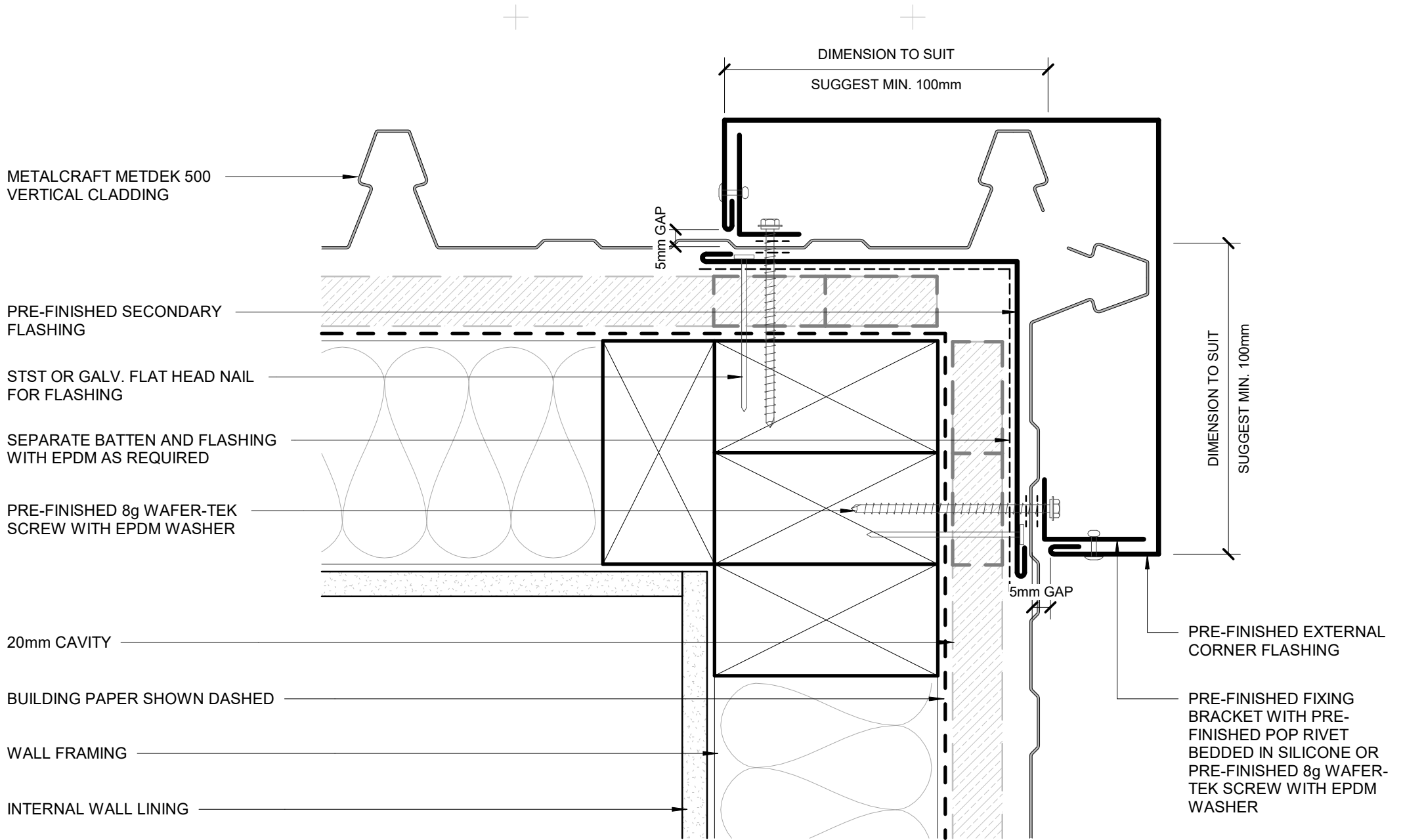
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Scale 1 : 2

Sheet

15 / 20



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SEPARATE BATTEN AND FLASHING WITH EPDM AS REQUIRED

PRE-FINISHED SOAKER FLASHING TO LINE UP WITH WINDOW JAMB ABOVE

BUILDING PAPER SHOWN DASHED

INTERNAL WALL LINING

SOAKER FLASHING ONLY REQUIRED TO LINE UP WITH WINDOW JAMB ABOVE.
REFER TO MRM CODE OF PRACTICE VERSION 3.0 /2022 FOR REQUIRMENT.

METALCRAFT METDEK 500 VERTICAL CLADDING

20mm CAVITY

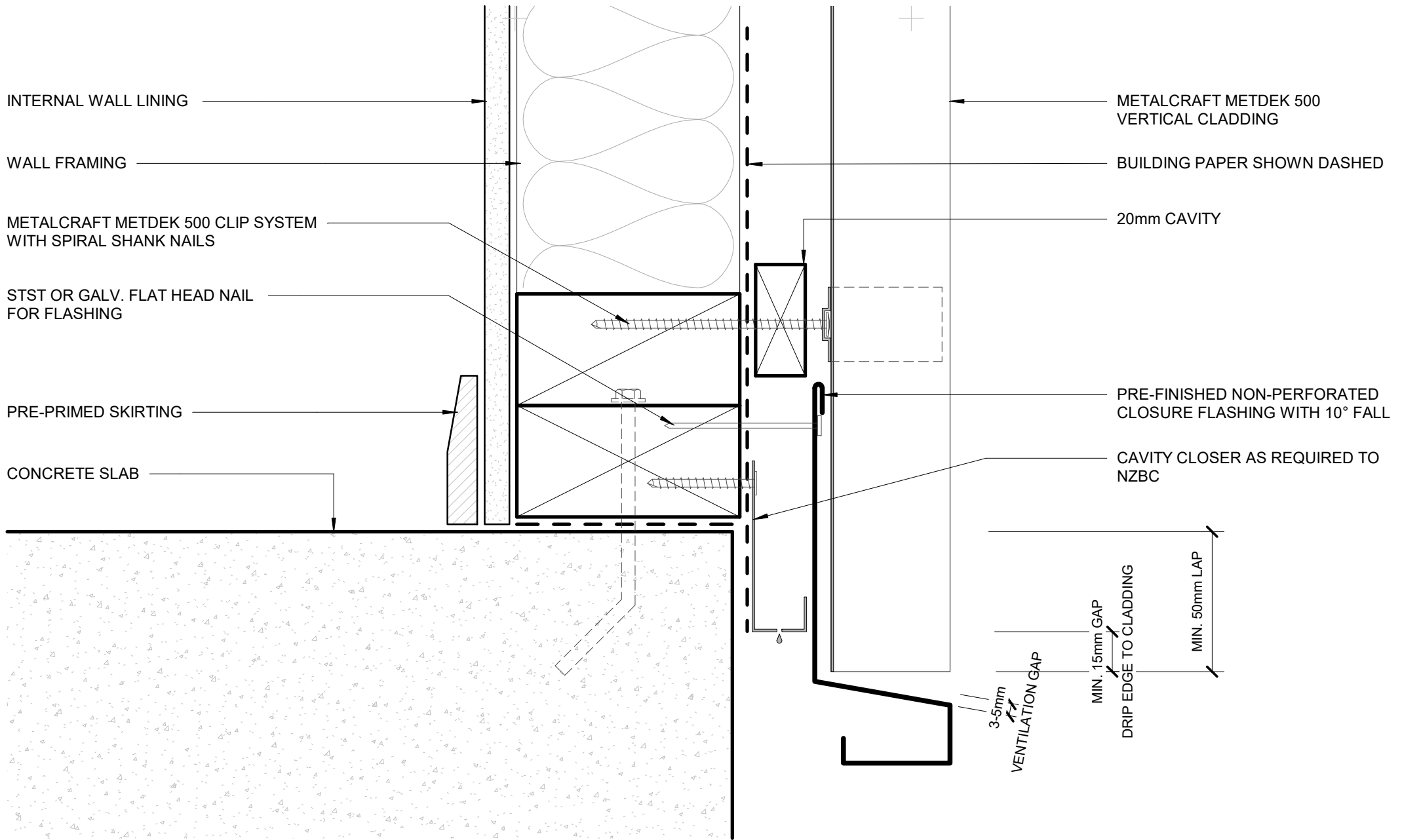
PRE-FINISHED FLAT HEAD WAFER-TEK SCREW WITH EPDM WASHER

WALL FRAMING

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BOTTOM OF CLADDING (FLUSH) RESIDENTIAL VERTICAL CLADDING

Metdek 500

Rev. 1.0

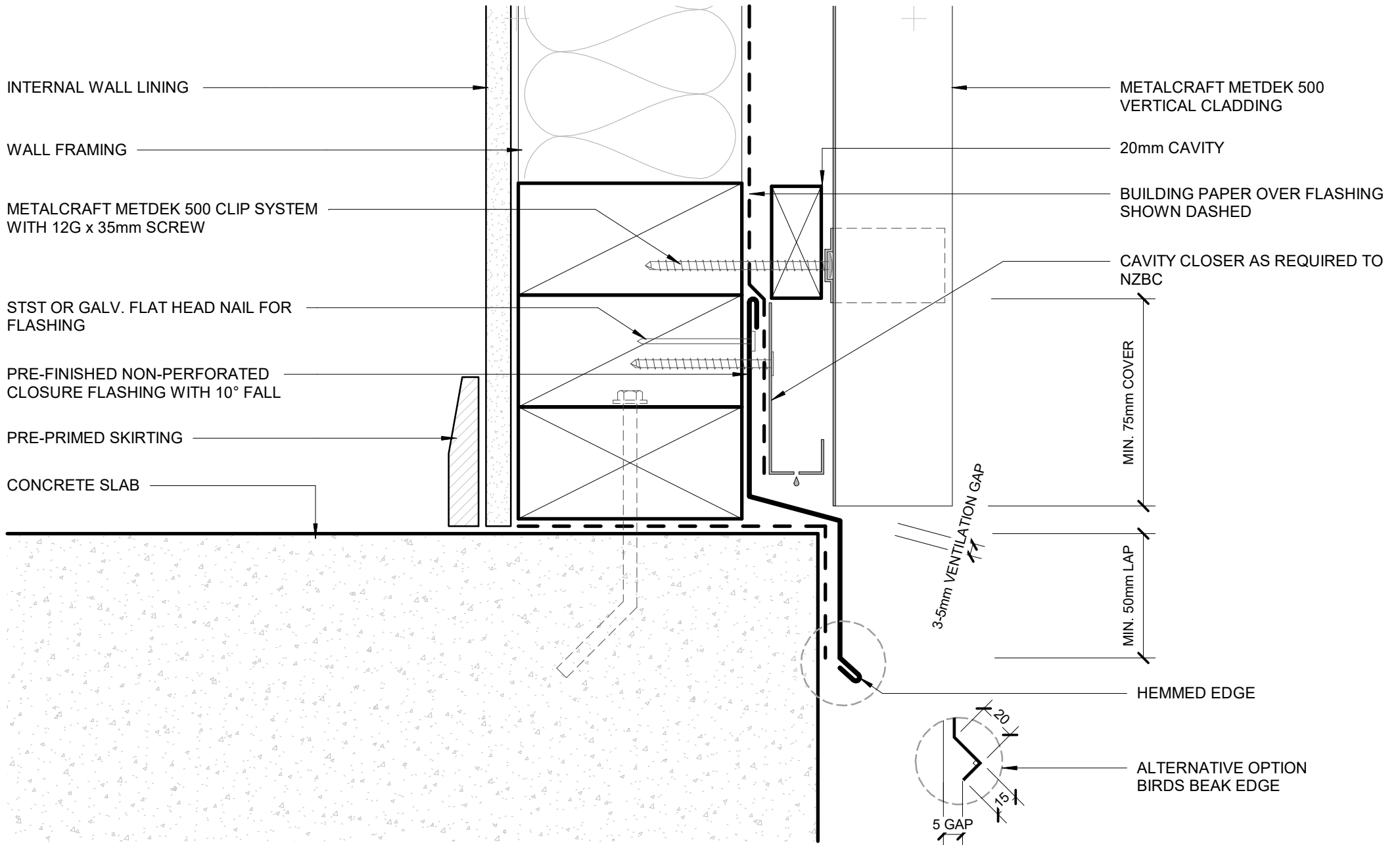
Reference RVMD500

Date JAN 2023

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- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 3.0 /2022.

- CAVITY SYSTEM FOR VERTICAL CLADDING : 20mm NOMINAL THICK (VERTICALLY DRAINING) HORIZONTAL CAVITY SYSTEM WITH BATTENS AS APPLICABLE TO SUPPORT CLADDINGS & FLASHINGS TO NZBC

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.

BOTTOM OF CLADDING (RECESSED)

RESIDENTIAL VERTICAL CLADDING

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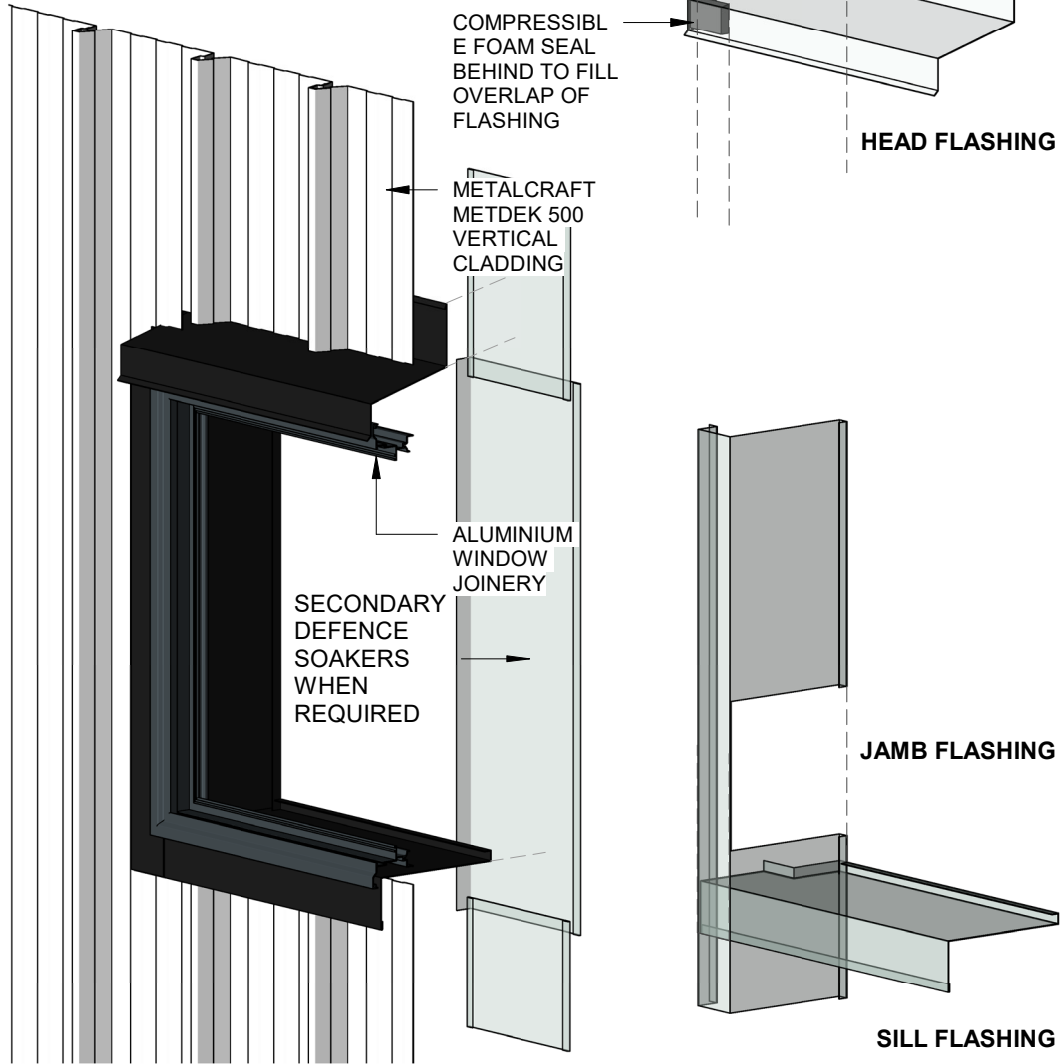
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FLUSH WINDOW FLASHINGS



RECESSED WINDOW FLASHINGS

