

Metdek 500

RESIDENTIAL VERTICAL CLADDING

DETAIL LIST

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

RVMD500

0800 ROOFNZ (0800 766 369)
www.metalcraftroofing.co.nz

Architectural / Specification Enquiries

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Mobile: 027 603 1096

Email: Frances.charles@unitedindustries.co.nz



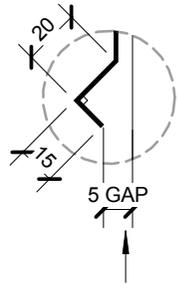
Metalcraft
Roofing

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
2.2 /2012 FOR REQUIREMENT.

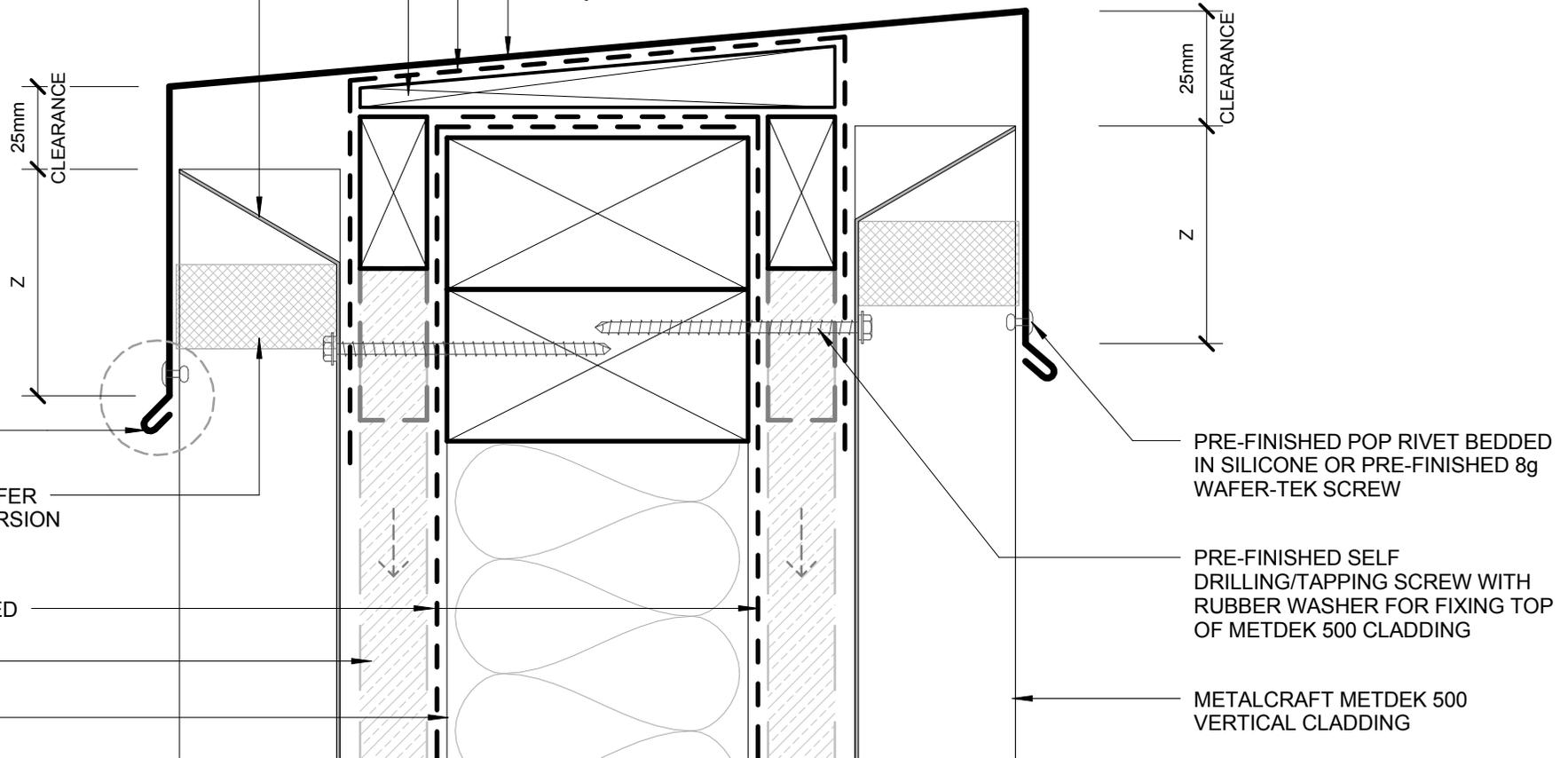
BUILDING PAPER SHOWN DASHED

20mm CAVITY

WALL FRAMING

MIN. 5°
H

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 2.2/2012 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.					



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ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND
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(VERTICALLY DRAINING) HORIZONTAL CAVITY SYSTEM WITH BATTENS
AS APPLICABLE TO SUPPORT CLADDINGS & FLASHINGS TO NZBC.

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PARAPET AND BALUSTRADE CAPPING RESIDENTIAL VERTICAL CLADDING

Metdek 500

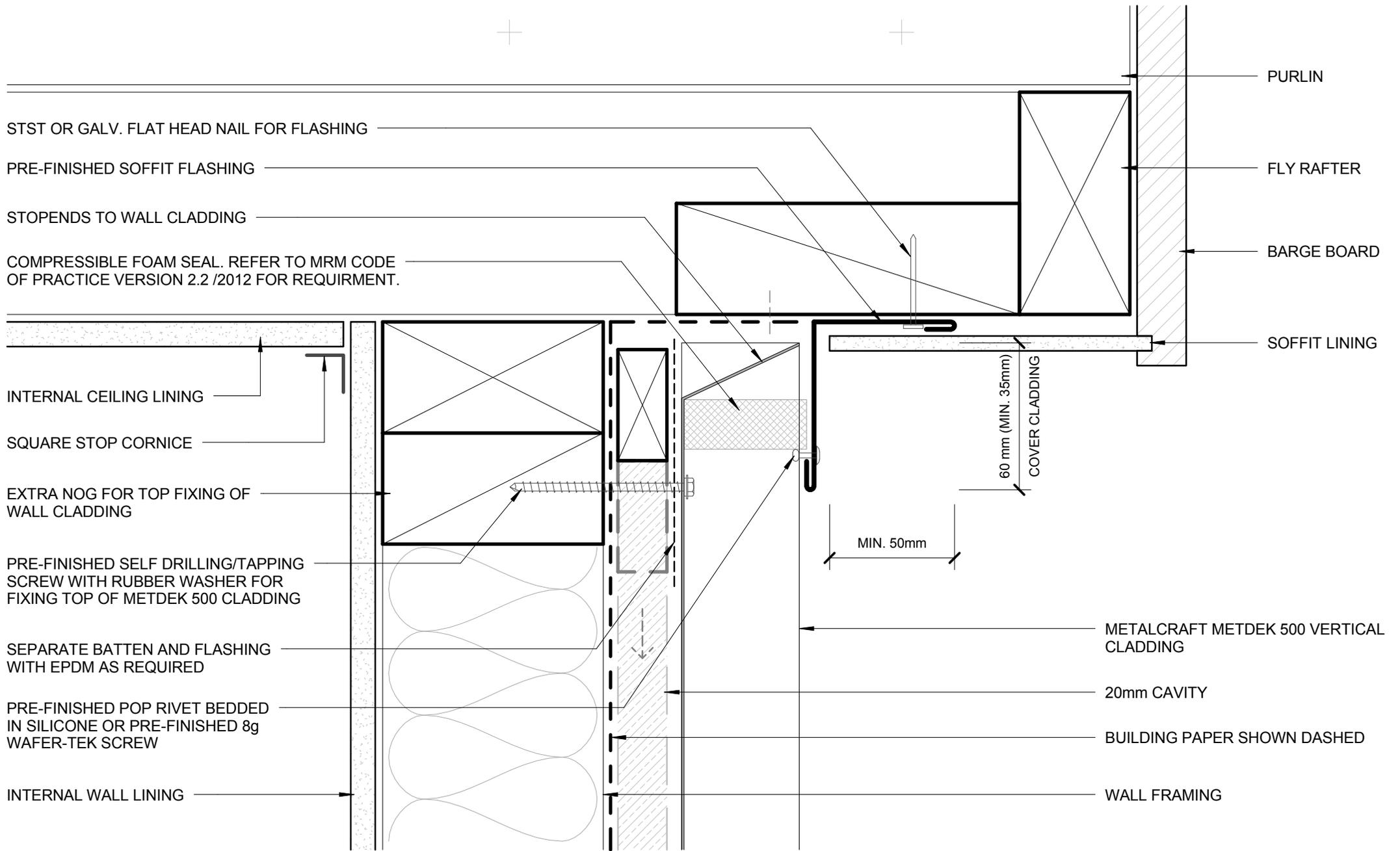
Reference RVMD500

Date 2015

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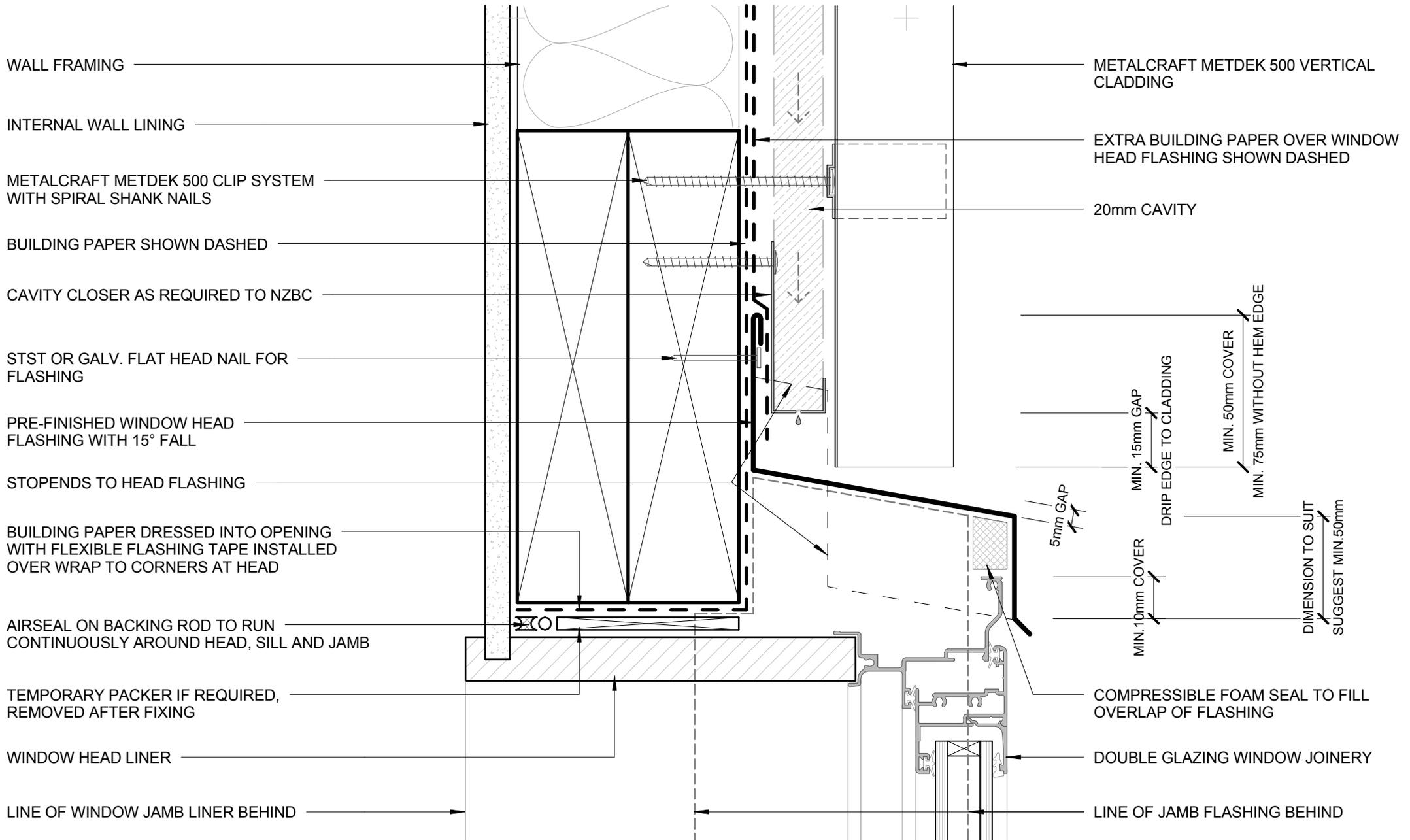
01 / 20



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WALL FRAMING

INTERNAL WALL LINING

METALCRAFT METDEK 500 CLIP SYSTEM WITH SPIRAL SHANK NAILS

BUILDING PAPER SHOWN DASHED

CAVITY CLOSER AS REQUIRED TO NZBC

STST OR GALV. FLAT HEAD NAIL FOR FLASHING

PRE-FINISHED WINDOW HEAD FLASHING WITH 15° FALL

STOPENDS TO HEAD FLASHING

BUILDING PAPER 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

METALCRAFT METDEK 500 VERTICAL CLADDING

EXTRA BUILDING PAPER OVER WINDOW HEAD FLASHING SHOWN DASHED

20mm CAVITY

MIN. 15mm GAP
D RIP EDGE TO CLADDING
MIN. 50mm COVER
MIN. 75mm WITHOUT HEM EDGE

5mm GAP

MIN. 10mm COVER
DIMENSION TO SUIT
SUGGEST MIN. 50mm

COMPRESSIBLE FOAM SEAL TO FILL OVERLAP OF FLASHING

DOUBLE GLAZING WINDOW JOINERY

LINE OF JAMB FLASHING BEHIND

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FLUSH WINDOW HEAD
RESIDENTIAL VERTICAL CLADDING

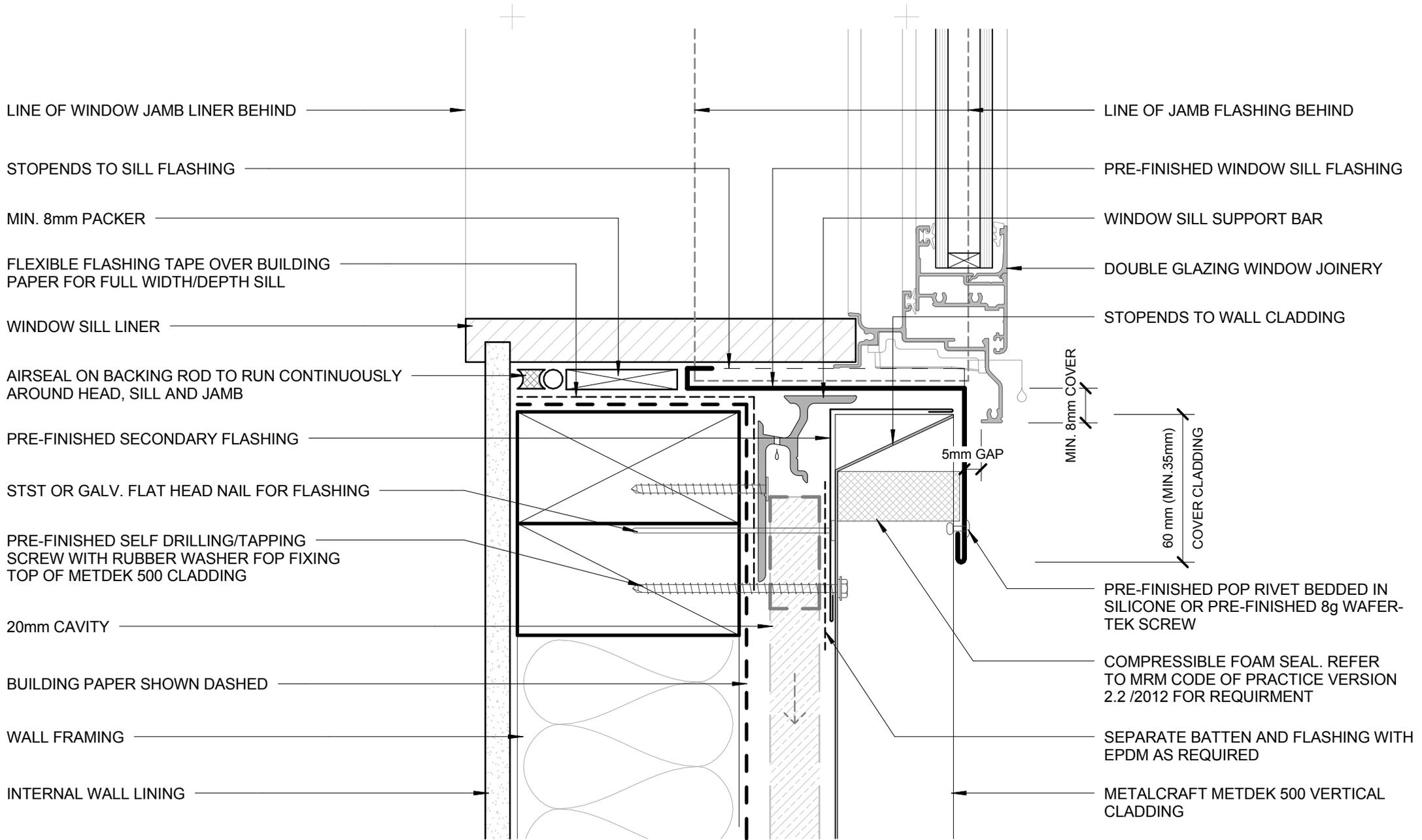
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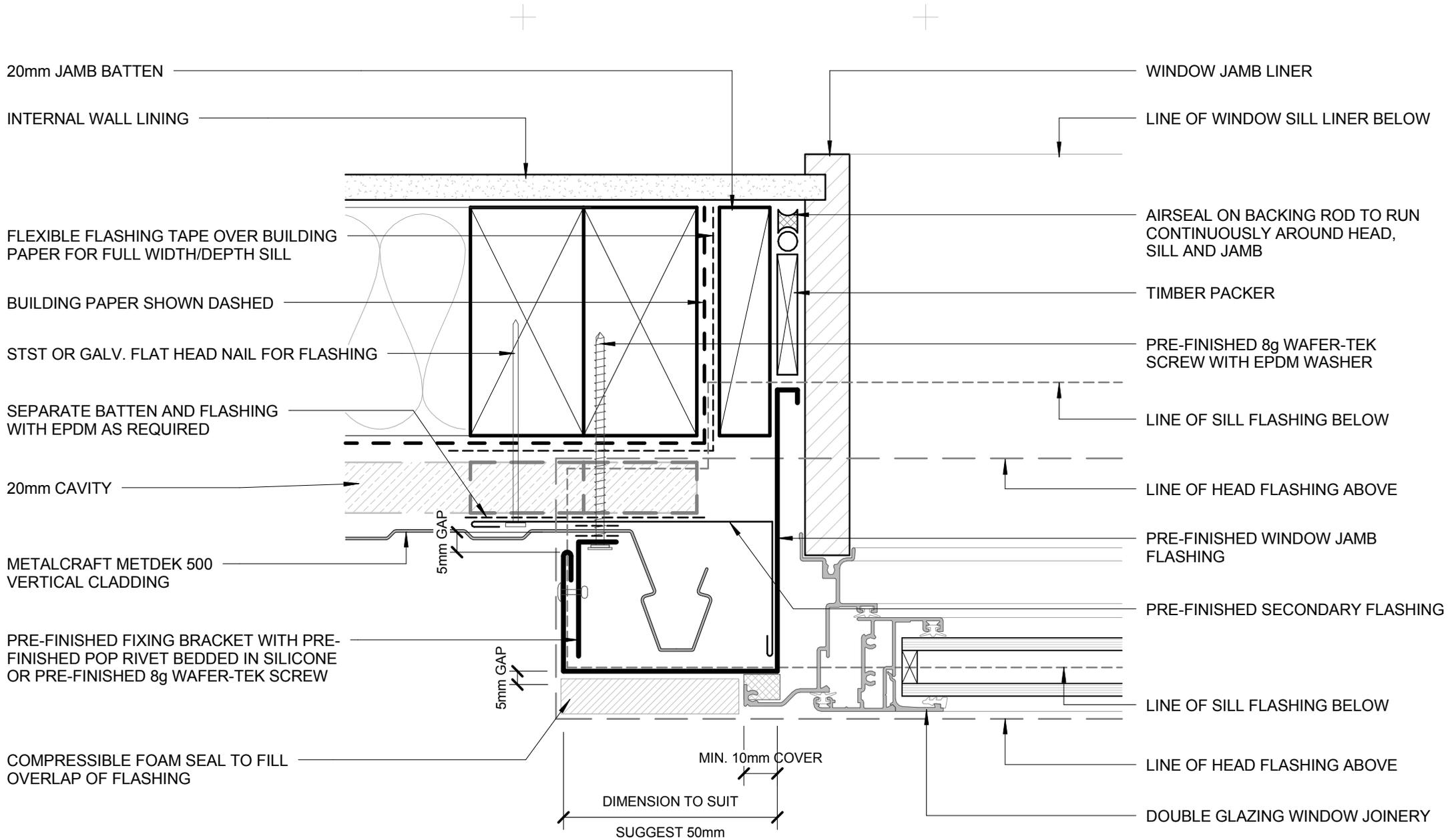


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FLUSH WINDOW SILL RESIDENTIAL VERTICAL CLADDING



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FLUSH WINDOW JAMB
RESIDENTIAL VERTICAL CLADDING



Metdek 500

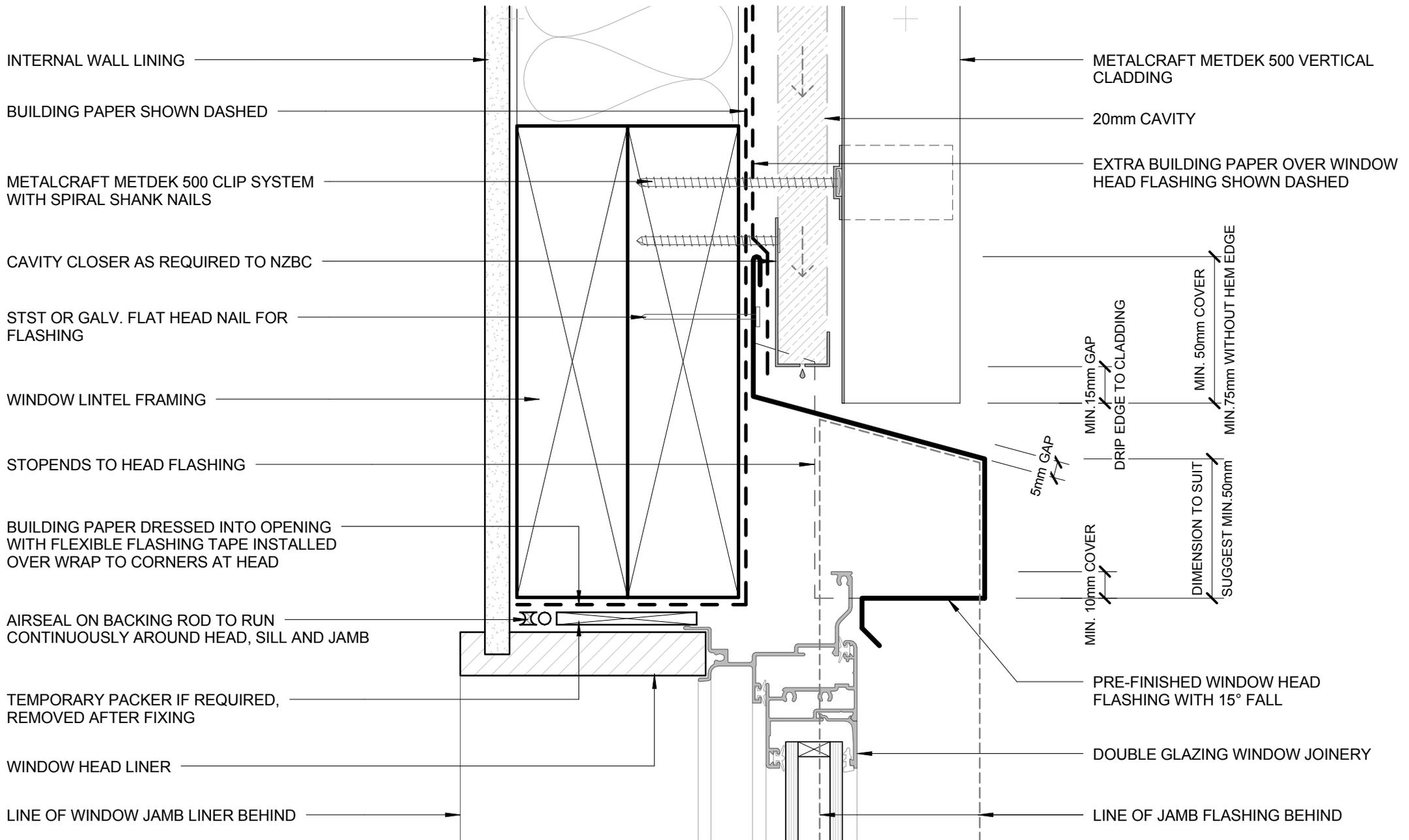
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RECESSED WINDOW HEAD RESIDENTIAL VERTICAL CLADDING

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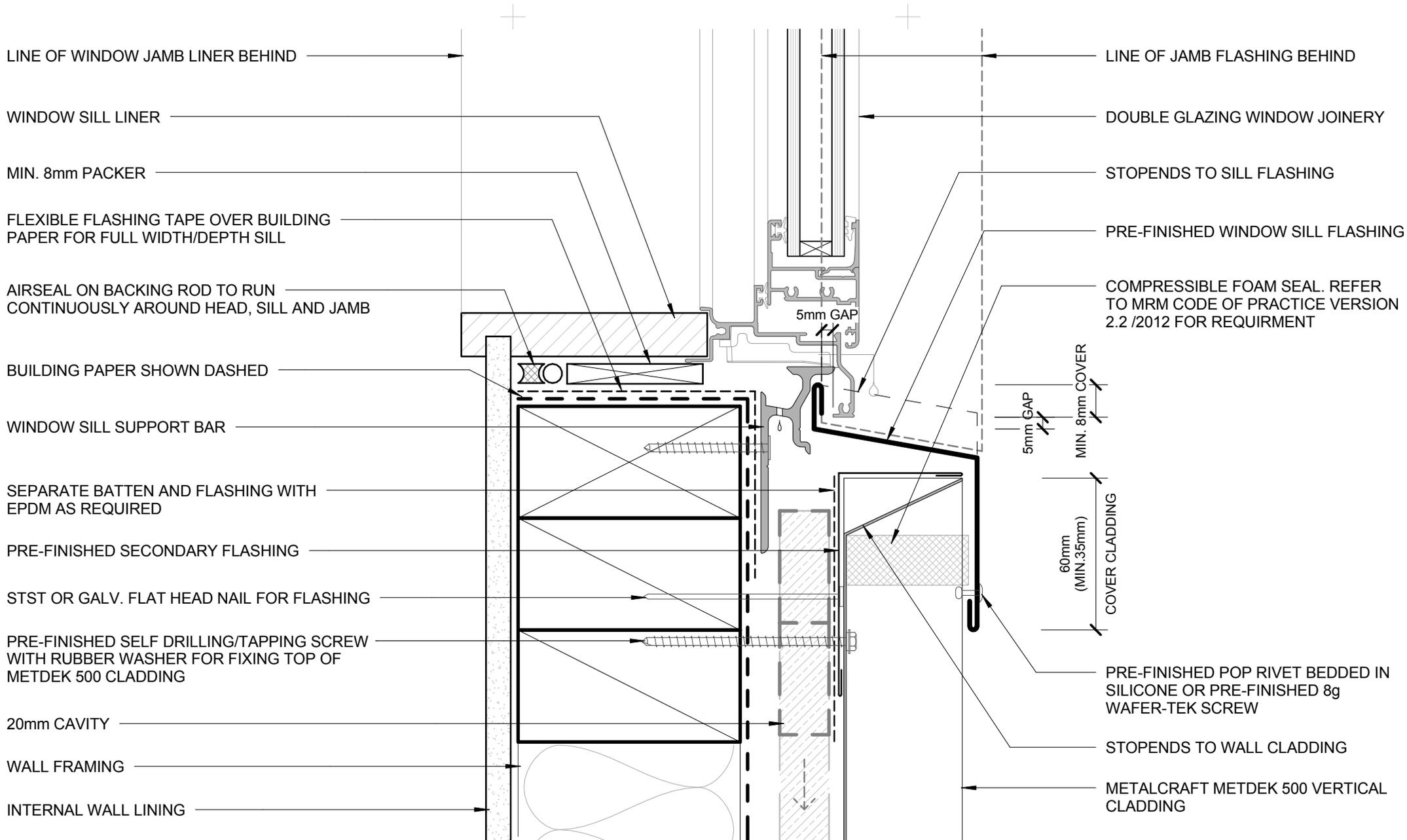
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RECESSED WINDOW SILL RESIDENTIAL VERTICAL CLADDING

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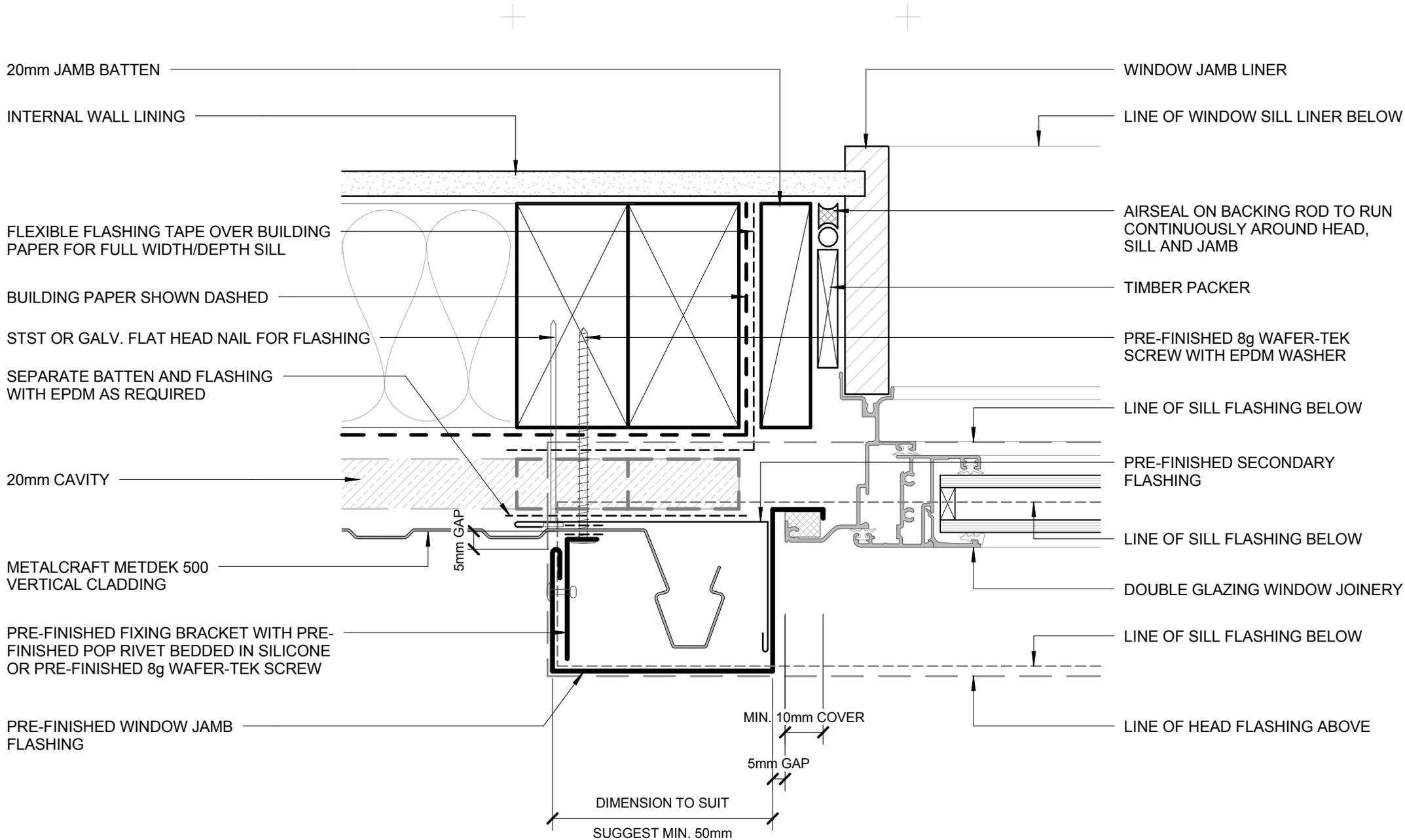
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RECESSED WINDOW JAMB RESIDENTIAL VERTICAL CLADDING

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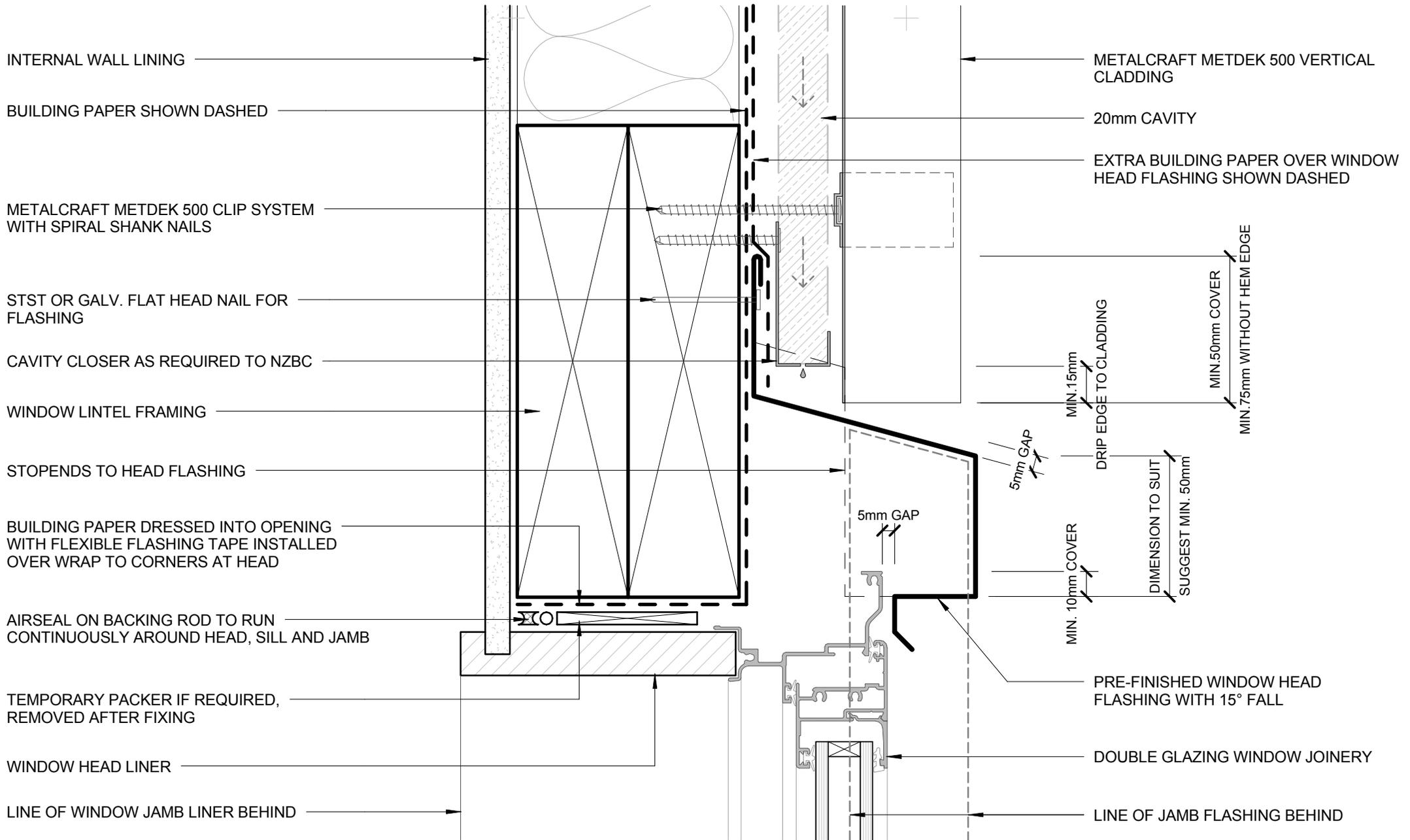
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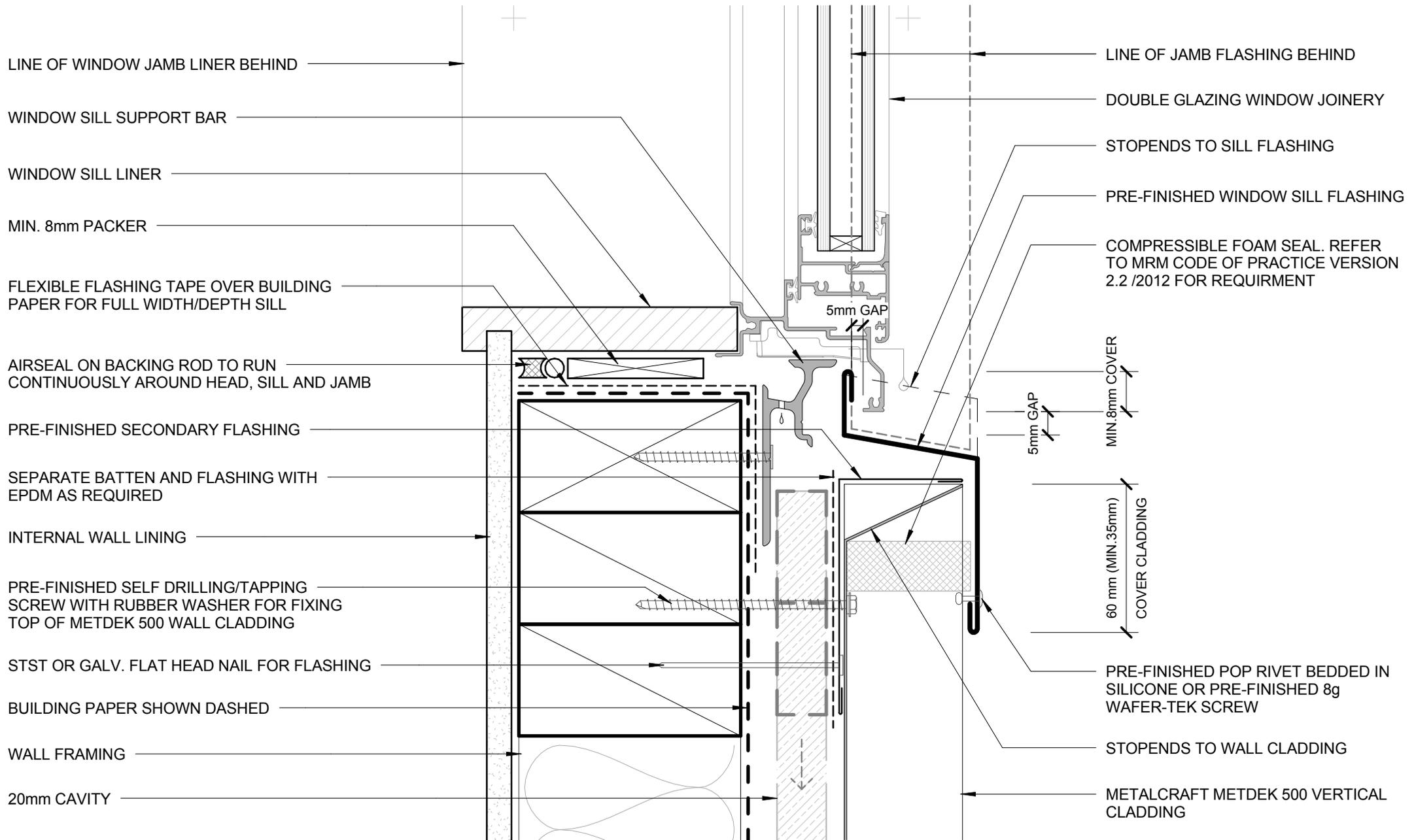


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BUTT WINDOW HEAD RESIDENTIAL VERTICAL CLADDING



LINE OF WINDOW JAMB LINER BEHIND

WINDOW SILL SUPPORT BAR

WINDOW SILL LINER

MIN. 8mm PACKER

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

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

PRE-FINISHED SECONDARY FLASHING

SEPARATE BATTEN AND FLASHING WITH EPDM AS REQUIRED

INTERNAL WALL LINING

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

STST OR GALV. FLAT HEAD NAIL FOR FLASHING

BUILDING PAPER SHOWN DASHED

WALL FRAMING

20mm CAVITY

LINE OF JAMB FLASHING BEHIND

DOUBLE GLAZING WINDOW JOINERY

STOPENDS TO SILL FLASHING

PRE-FINISHED WINDOW SILL FLASHING

COMPRESSIBLE FOAM SEAL. REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 FOR REQUIREMENT

5mm GAP

5mm GAP

MIN. 8mm COVER

60 mm (MIN. 35mm) COVER CLADDING

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

STOPENDS TO WALL CLADDING

METALCRAFT METDEK 500 VERTICAL CLADDING

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BUTT WINDOW SILL
RESIDENTIAL VERTICAL CLADDING



Metdek 500

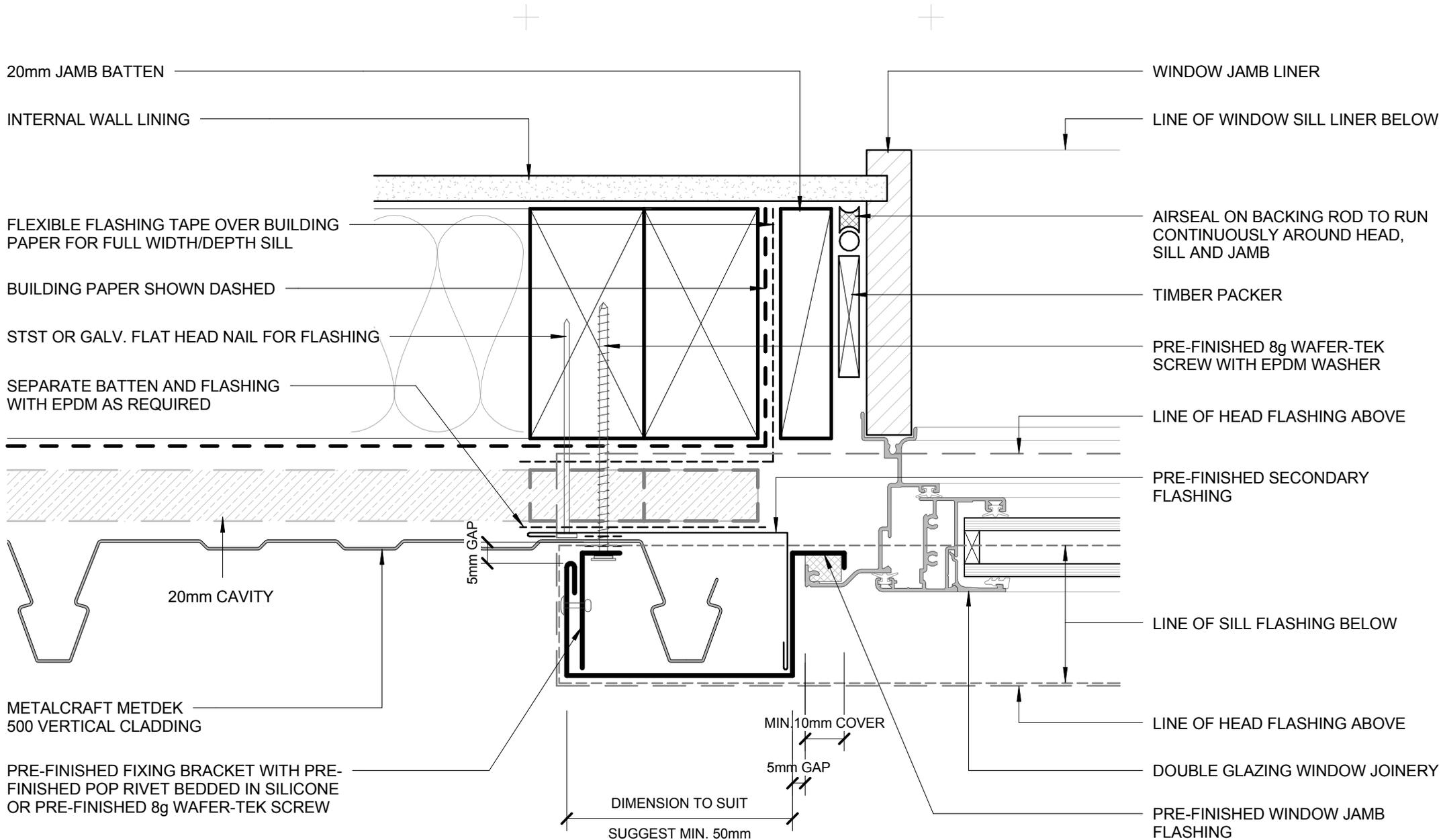
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BUTT WINDOW JAMB
 RESIDENTIAL VERTICAL CLADDING



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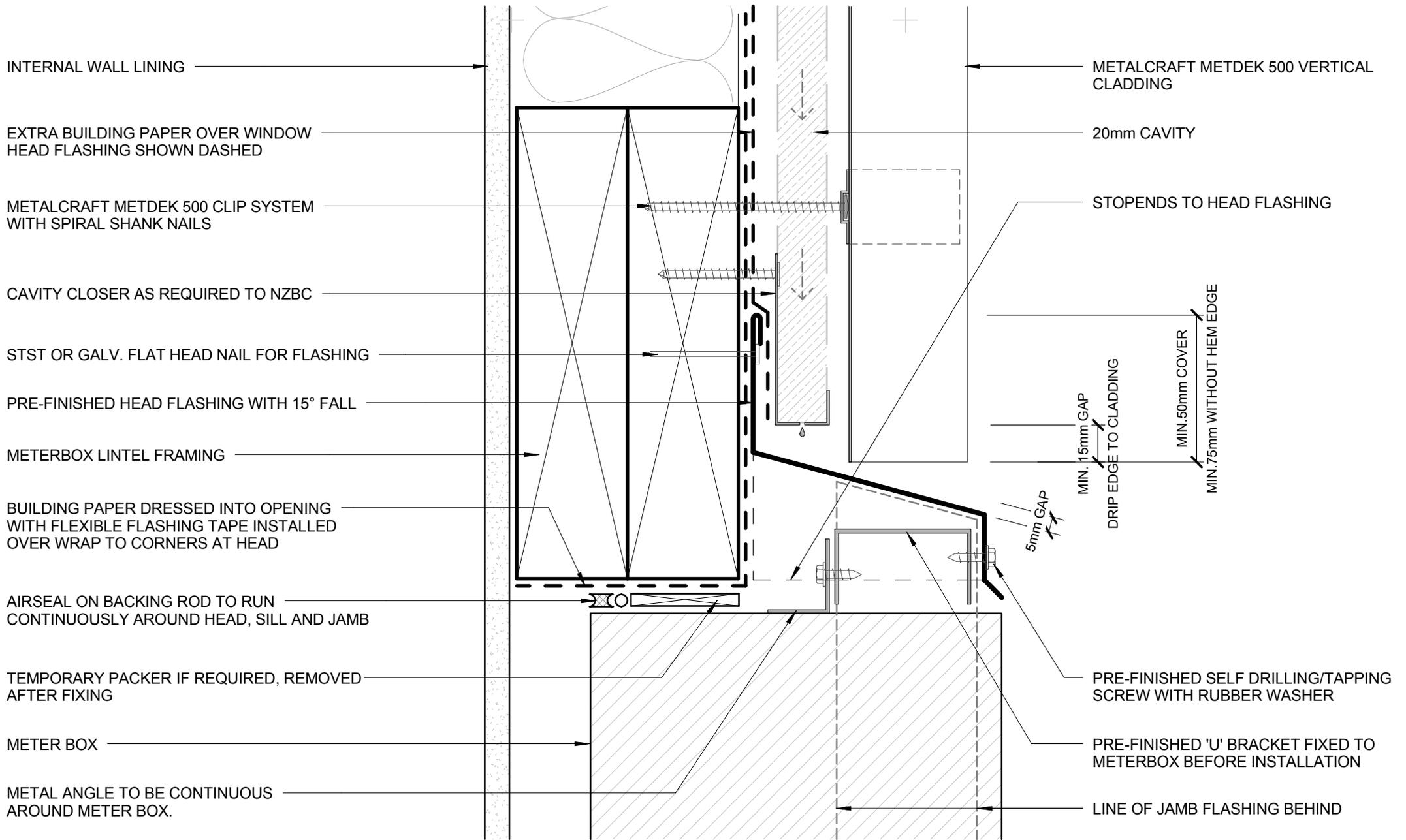
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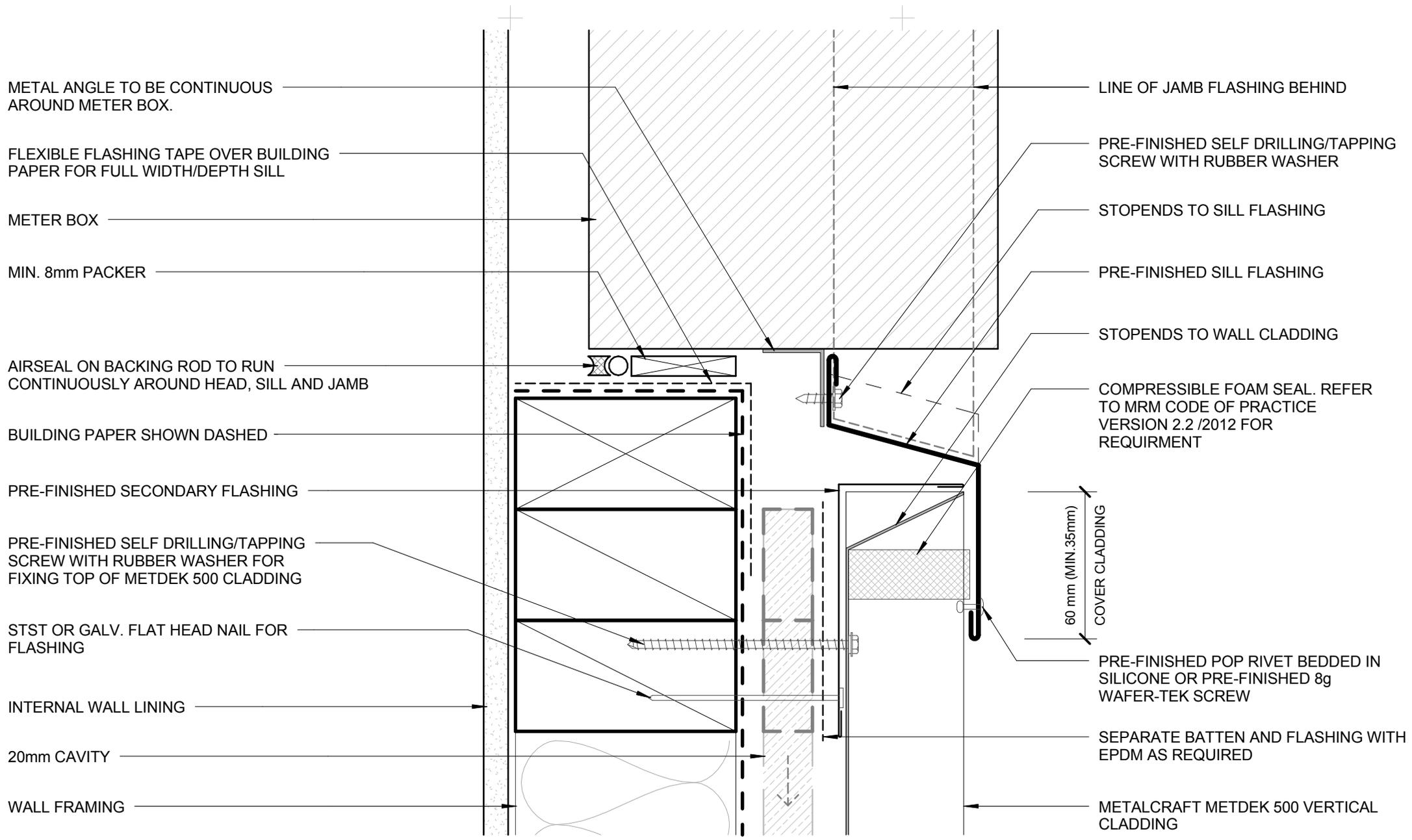
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METERBOX HEAD

RESIDENTIAL VERTICAL CLADDING



METAL ANGLE TO BE CONTINUOUS AROUND METER BOX.

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 SECONDARY FLASHING

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 2.2 /2012 FOR REQUIRMENT

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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METERBOX SILL
RESIDENTIAL VERTICAL CLADDING



Metdek 500

Reference RVMD500

Date 2015

Scale 1 : 2

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13 / 20

INTERNAL WALL LINING

20mm JAMB BATTEN

BUILDING PAPER SHOWN DASHED

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

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

STST OR GALV. FLAT HEAD NAIL FOR FLASHING

SEPERATE BATTEN AND FLASHING WITH EPDM AS REQUIRED

METALCRAFT METDEK 500 VERTICAL CLADDING

PRE-FINISHED JAMB FLASHING FIXED TO METERBOX BEFORE INSTALLATION

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

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

METER BOX

TIMBER PACKER

LINE OF HEAD FLASHING ABOVE

20mm CAVITY

METAL ANGLE TO BE CONTINUOUS AROUND METER BOX.

LINE OF SILL FLASHING BELOW

LINE OF HEAD FLASHING ABOVE

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

DIMENSION TO SUIT
SUGGEST MIN. 50mm

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METERBOX JAMB RESIDENTIAL VERTICAL CLADDING

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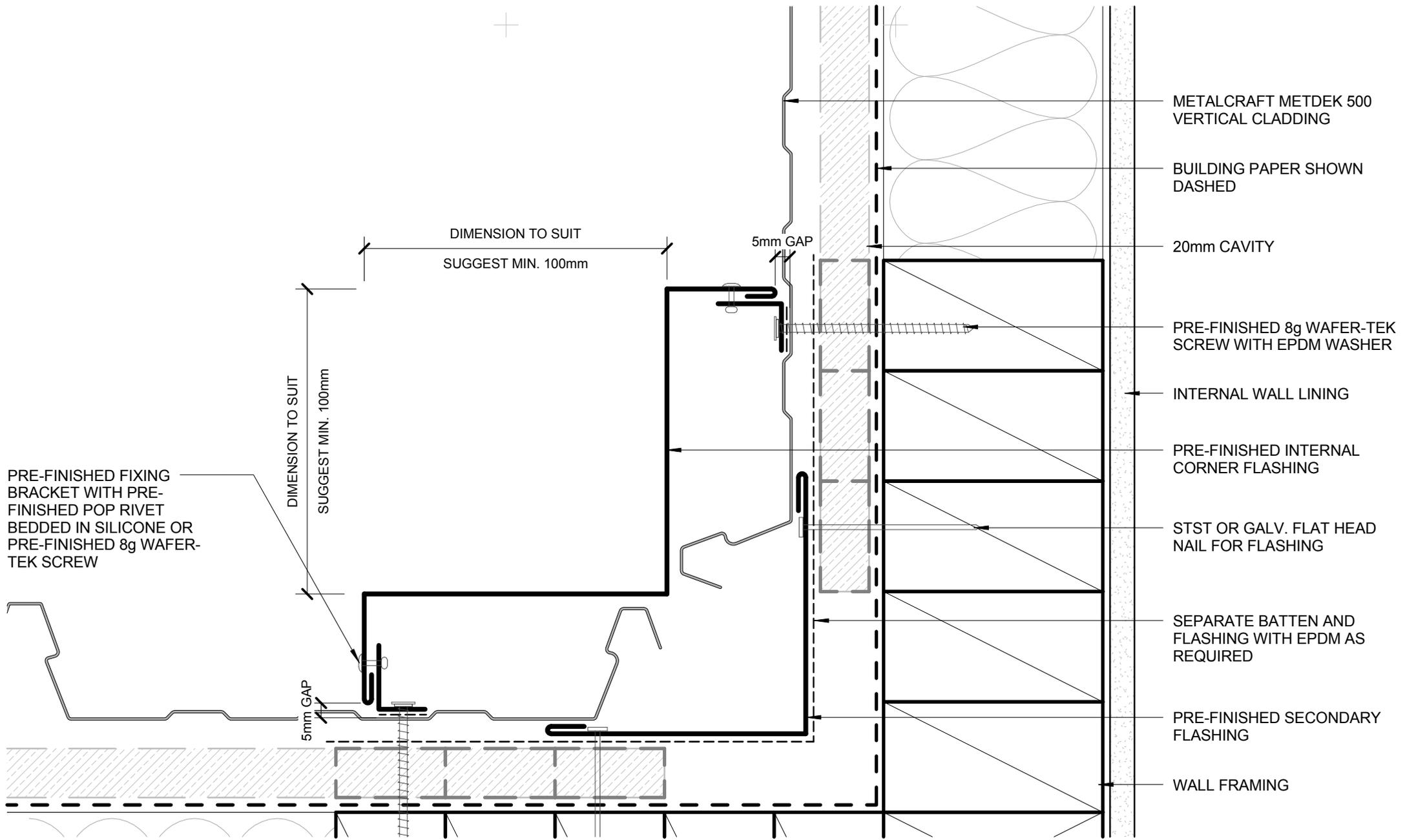
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INTERNAL CORNER
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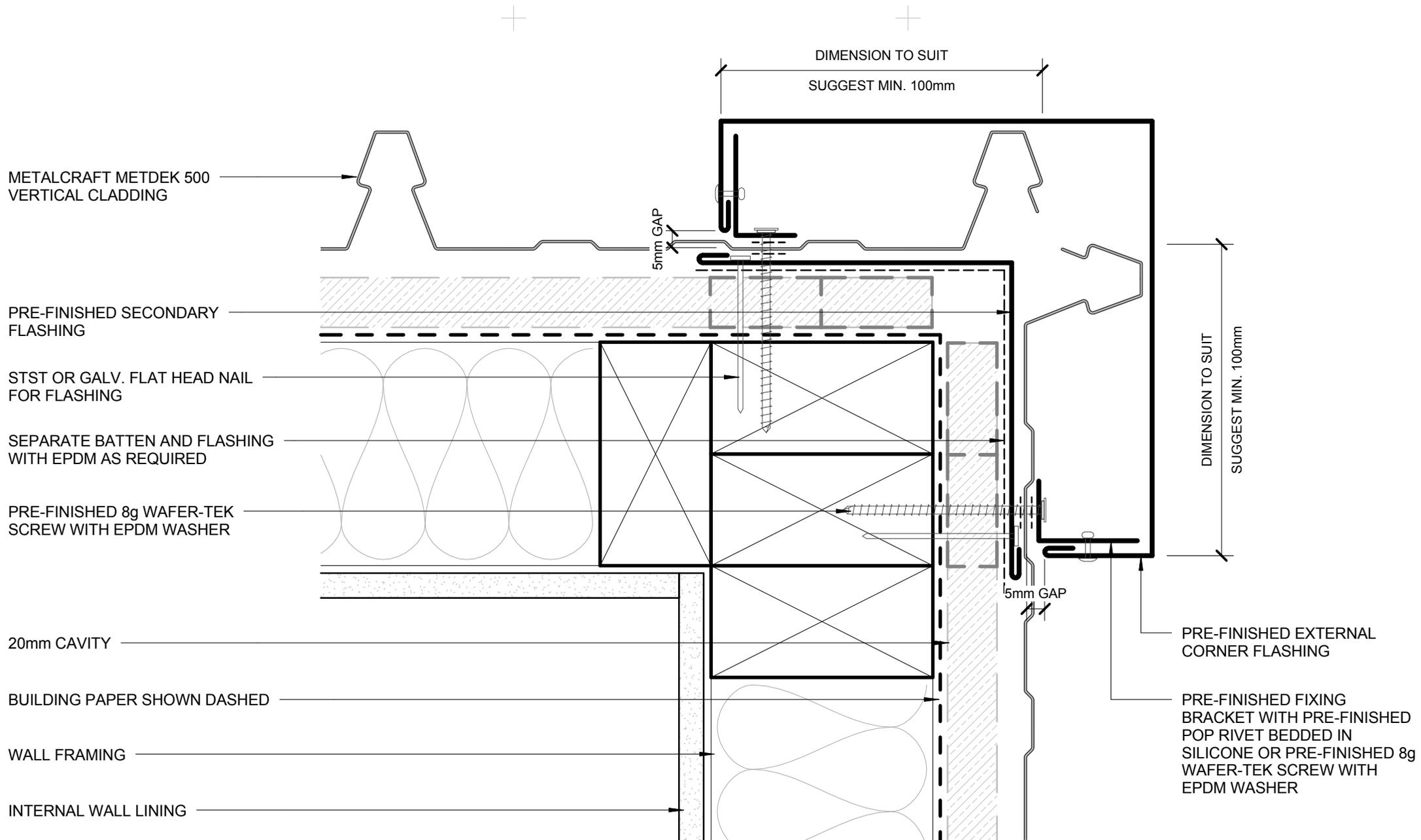
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EXTERNAL CORNER
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SEPARATE BATTEN AND FLASHING WITH EPDM AS REQUIRED

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

BUILDING PAPER SHOWN DASHED

INTERNAL WALL LINING

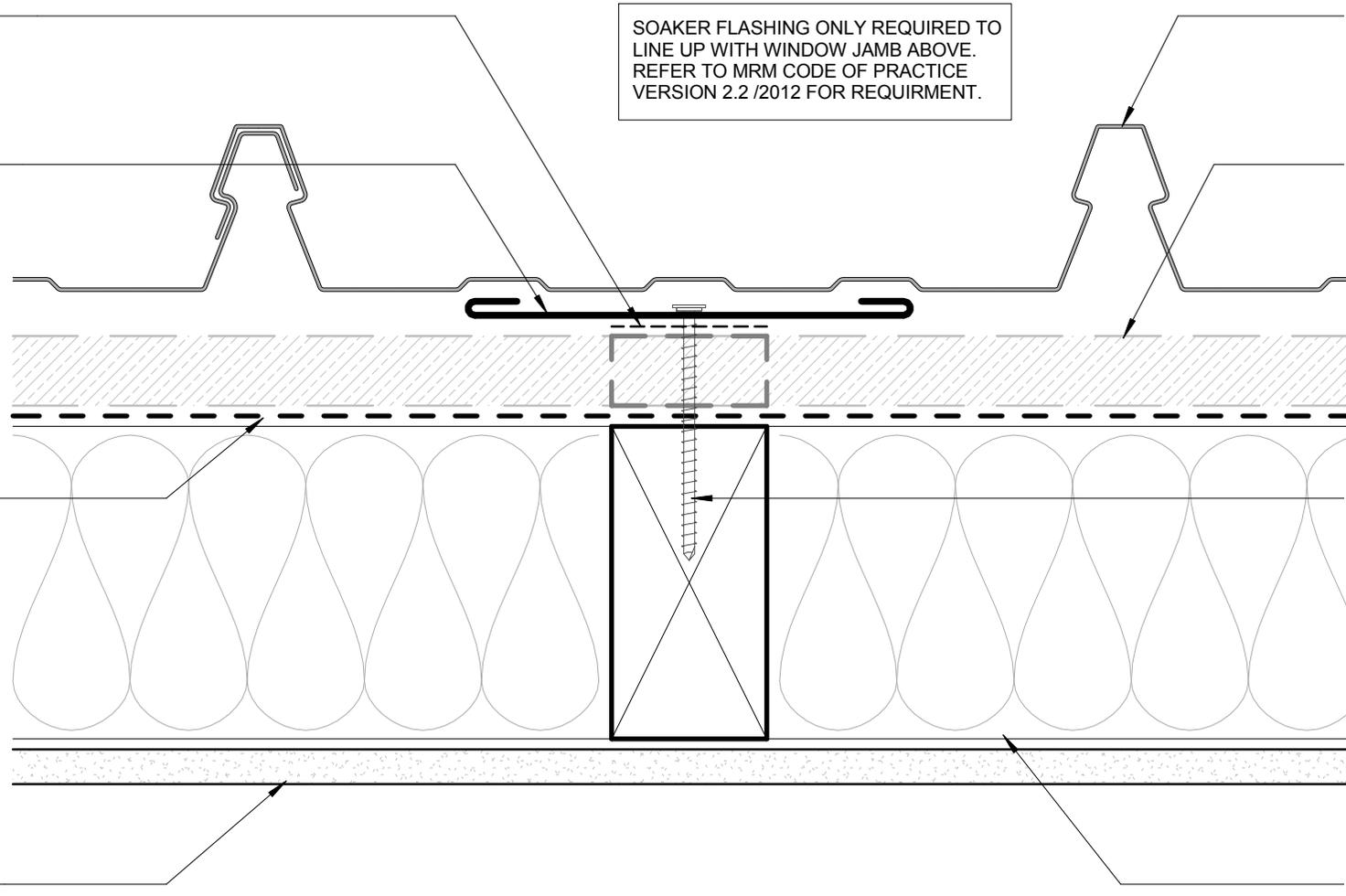
SOAKER FLASHING ONLY REQUIRED TO LINE UP WITH WINDOW JAMB ABOVE. REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 FOR REQUIREMENT.

METALCRAFT METDEK 500 VERTICAL CLADDING

20mm CAVITY

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

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 2.2 /2012.

- 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 2.2 /2012, 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.

Metdek 500

SOAKER FLASHING
RESIDENTIAL VERTICAL CLADDING

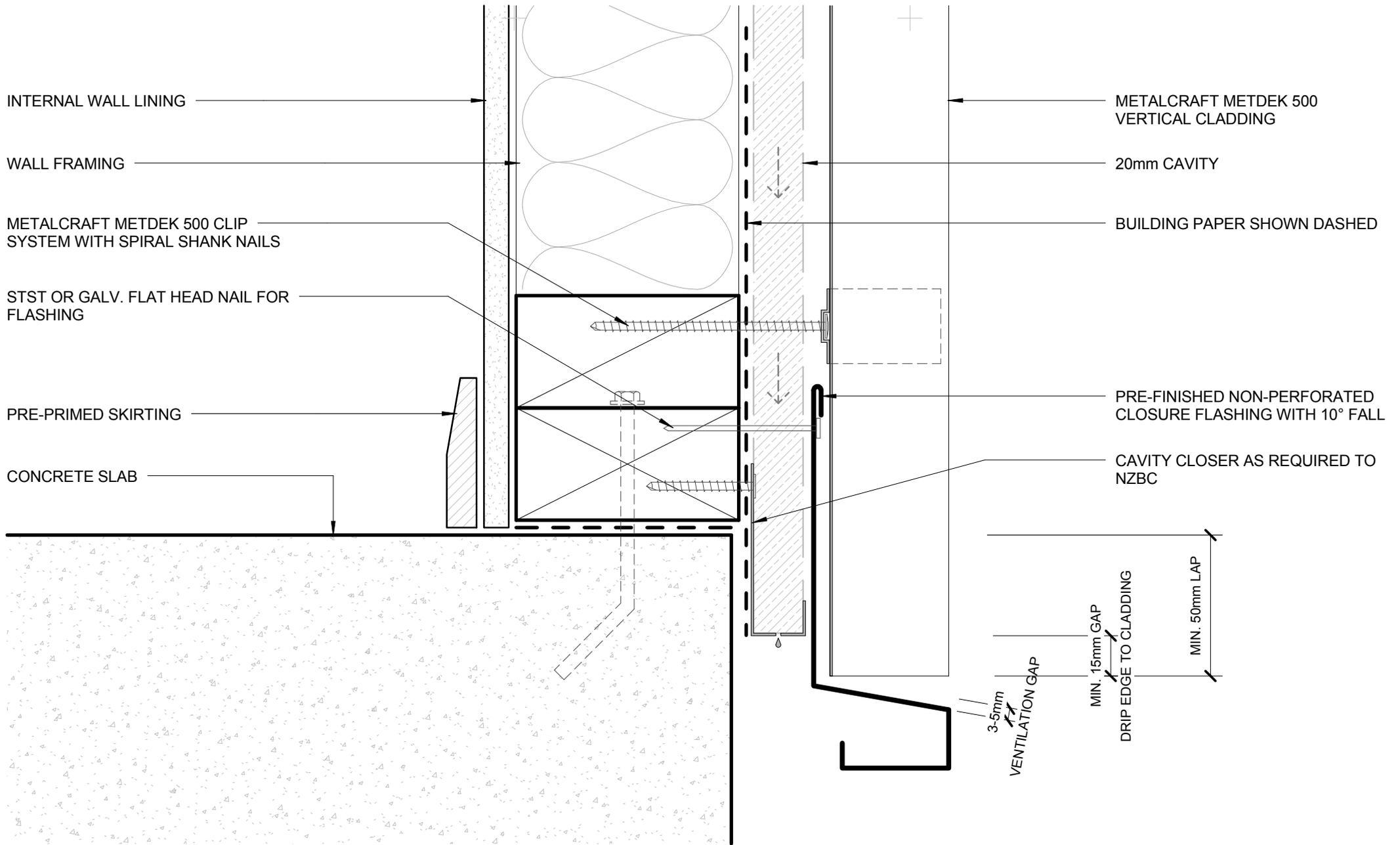
Reference RVMD500

Date 2015

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BOTTOM OF CLADDING (FLUSH)
 RESIDENTIAL VERTICAL CLADDING

Metdek 500

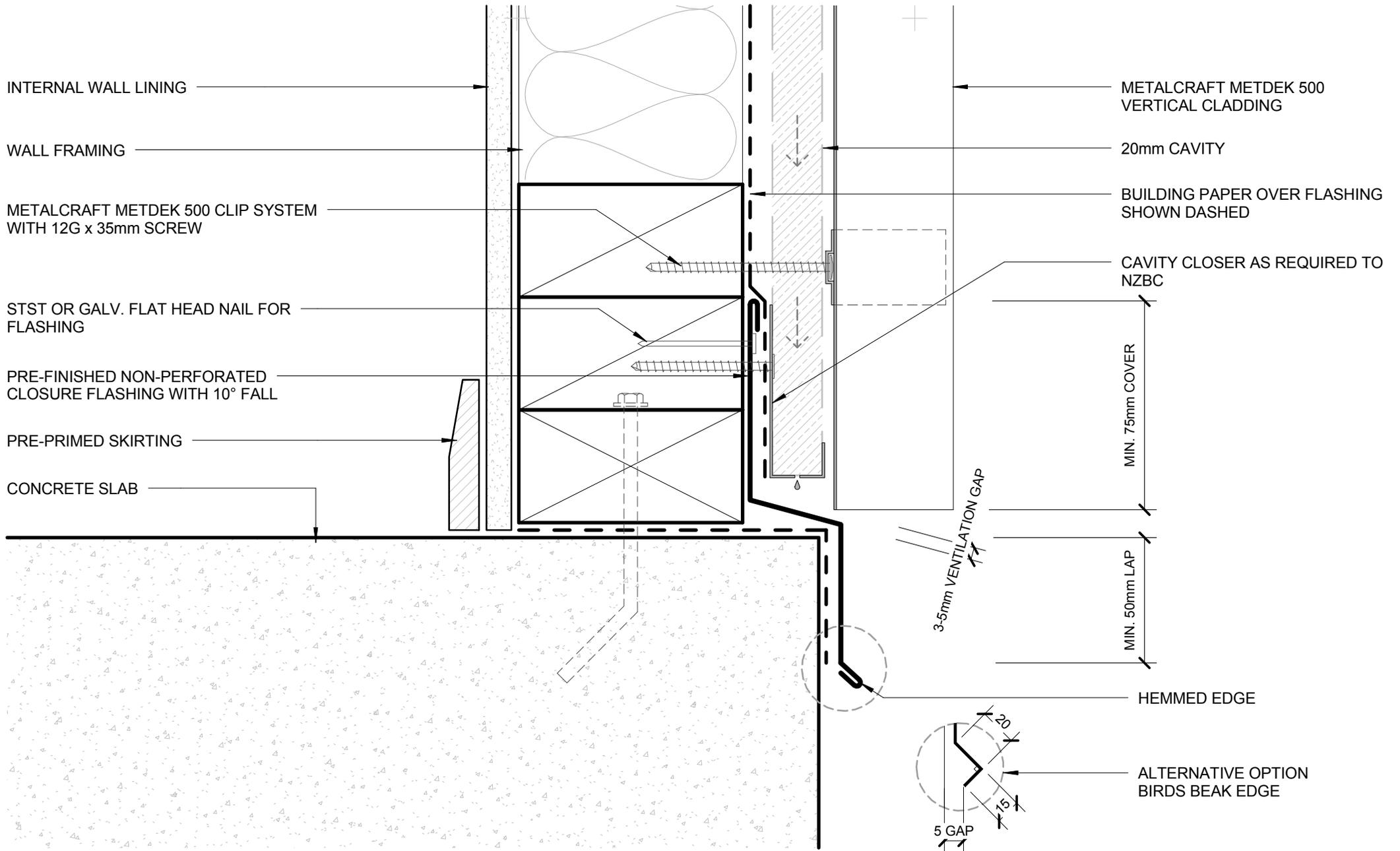
Reference RVMD500

Date 2015

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BOTTOM OF CLADDING (RECESSED) RESIDENTIAL VERTICAL CLADDING

Metdek 500

Reference RVMD500

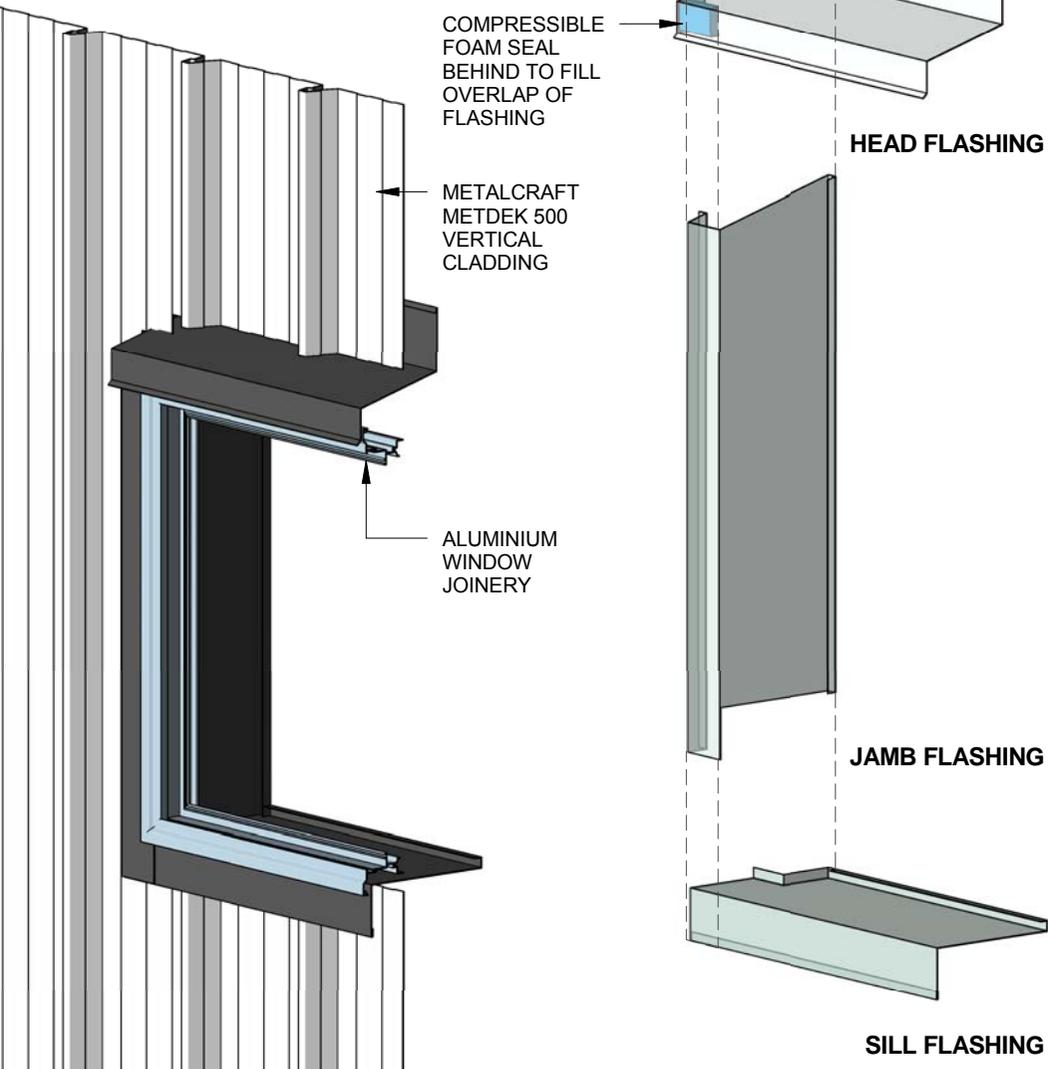
Date 2015

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FLUSH WINDOW FLASHINGS



RECESSED WINDOW FLASHINGS

