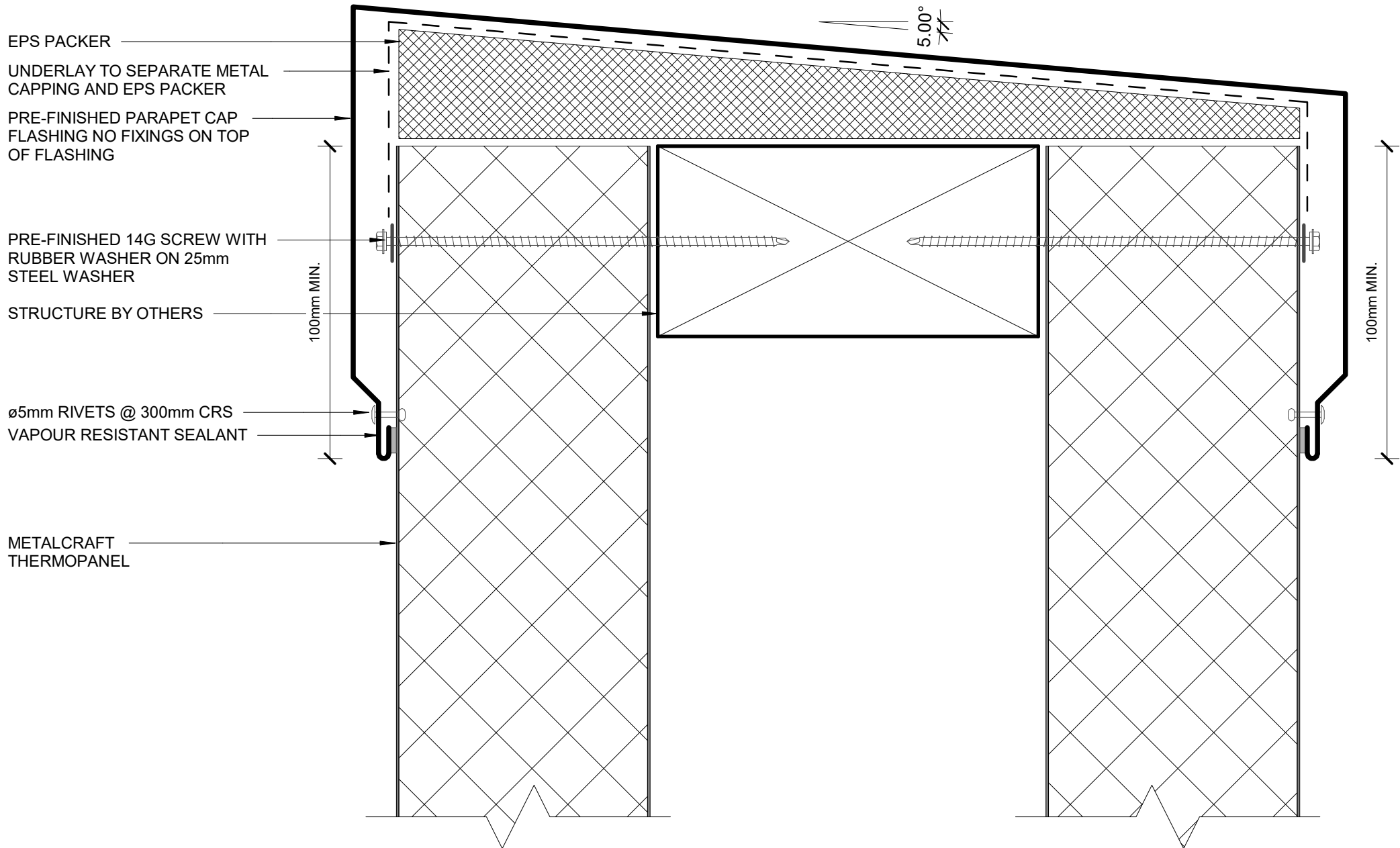


# Thermopanel EPS

## EXTERNAL WALL DETAILS

### DETAIL LIST

		<u>Revision</u>	<u>Date</u>
00 / 20	COVER SHEET		
01 / 20	PARAPET	2.1	22.06.2023
02 / 20	WINDOW HEAD	1.2	22.06.2023
03 / 20	WINDOW SILL AND JAMB	1.2	22.06.2023
04 / 20	VERTICAL JOINT TYPE C	3.0	22.06.2023
05 / 20	PIPE PENETRATION w DEKTITE FLASHING	1.2	22.06.2023
06 / 20	PIPE PENETRATION w PVC FLANGE	1.2	22.06.2023
07 / 20	MIDFLOOR JOINT	1.2	22.06.2023
08 / 20	FIXING JOINT 01	2.0	22.06.2023
09 / 20	SECRET FIXING JOINT 02	1.2	22.06.2023
10 / 20	METERBOX JAMB HEAD AND SILL DETAIL	1.2	22.06.2023
11 / 20	INTERNAL/EXTERNAL CORNER DETAIL	1.2	22.06.2023
12 / 20	ALTERNATIVE INTERNAL CORNER	1.2	22.06.2023
13 / 20	ALTERNATIVE EXTERNAL CORNER	1.2	22.06.2023
14 / 20	ABUTMENT 01	1.2	22.06.2023
15 / 20	ABUTMENT 02	1.2	22.06.2023
16 / 20	BOTTOM OF CLADDING 01	1.2	22.06.2023
17 / 20	BOTTOM OF CLADDING 02	1.2	22.06.2023
18 / 20	BOTTOM OF CLADDING 03	1.2	22.06.2023
19 / 20	BOTTOM OF CLADDING 04	1.2	22.06.2023
20 / 20	PANEL PROFILE AND SIZE	1.3	22.06.2023



METALCRAFT  
THERMOPANEL

Ø5mm RIVETS @ 300mm CRS

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

PRE-FINISHED WINDOW HEAD  
FLASHING WITH 15° FALL

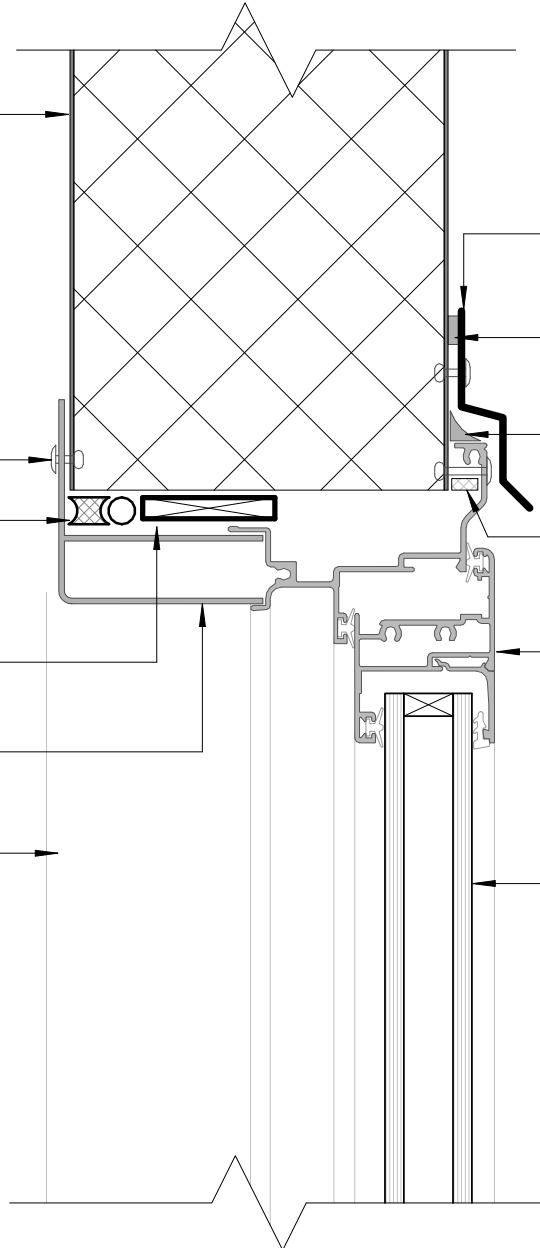
SILICON SEALANT

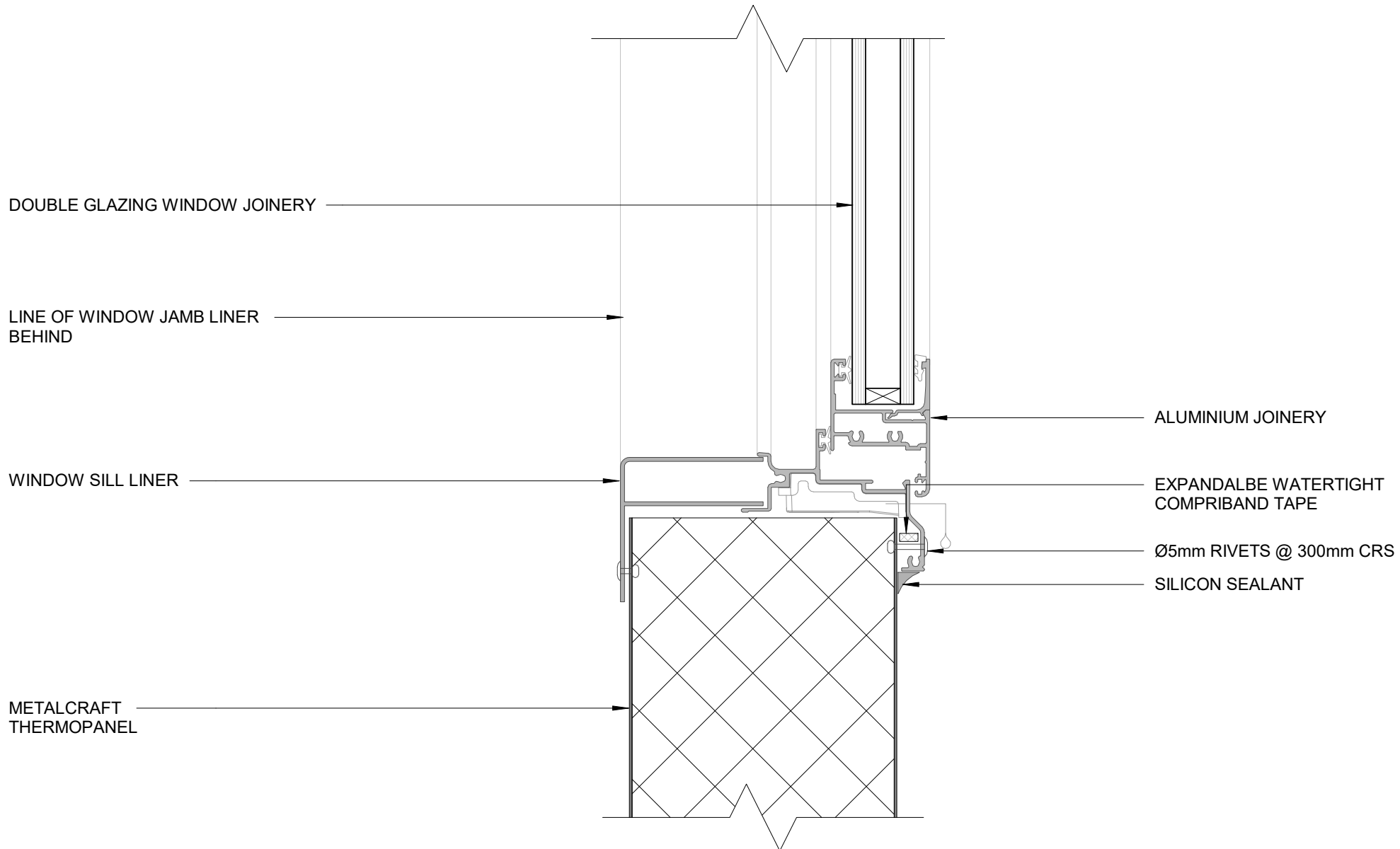
SILICON SEALANT

EXPANDALBE WATERTIGHT  
COMPRIBAND TAPE

ALUMINIUM JOINERY

DOUBLE GLAZING WINDOW JOINERY





DOUBLE GLAZING WINDOW JOINERY

LINE OF WINDOW JAMB LINER  
BEHIND

WINDOW SILL LINER

METALCRAFT  
THERMOPANEL

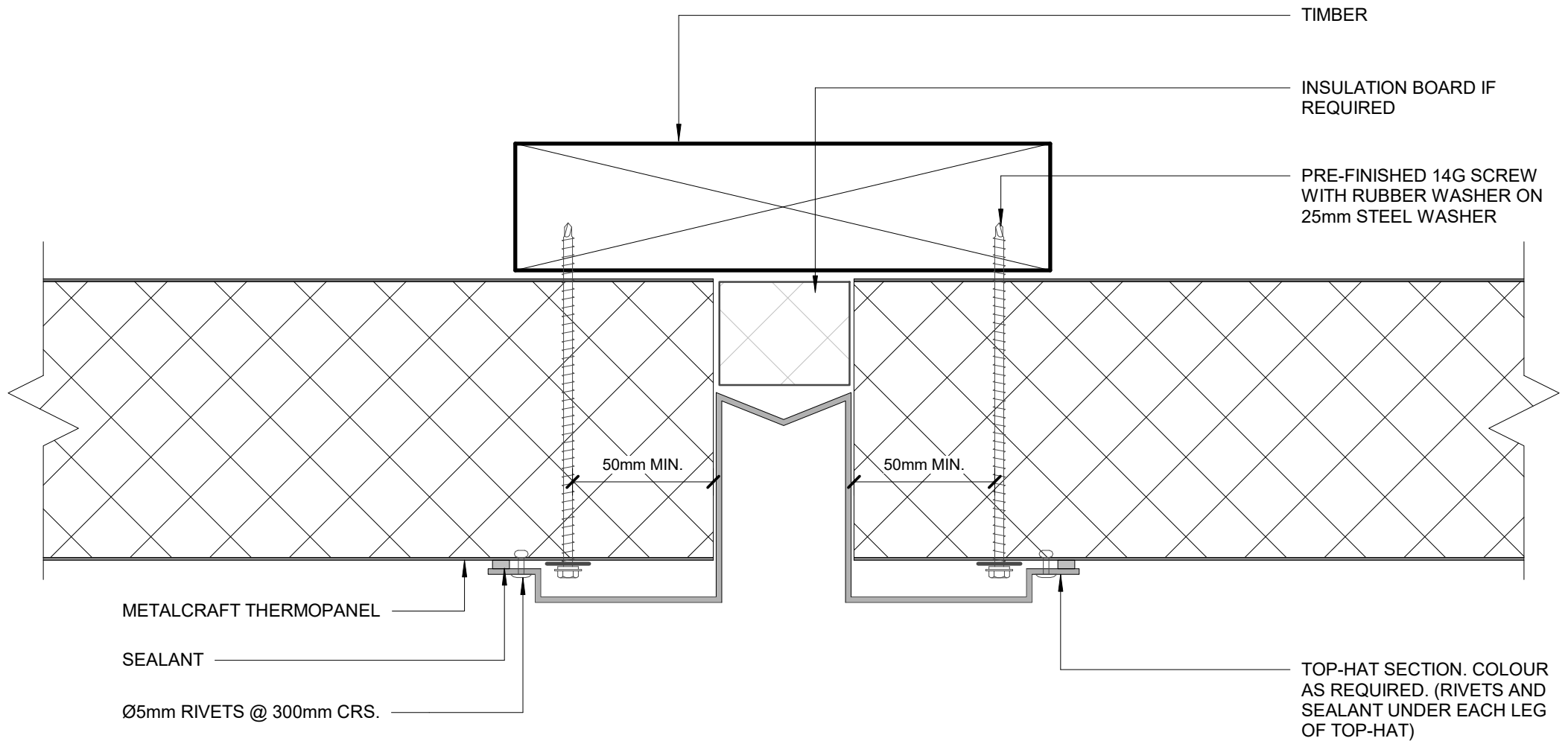
ALUMINIUM JOINERY

EXPANDALBE WATERTIGHT  
COMPRIBAND TAPE

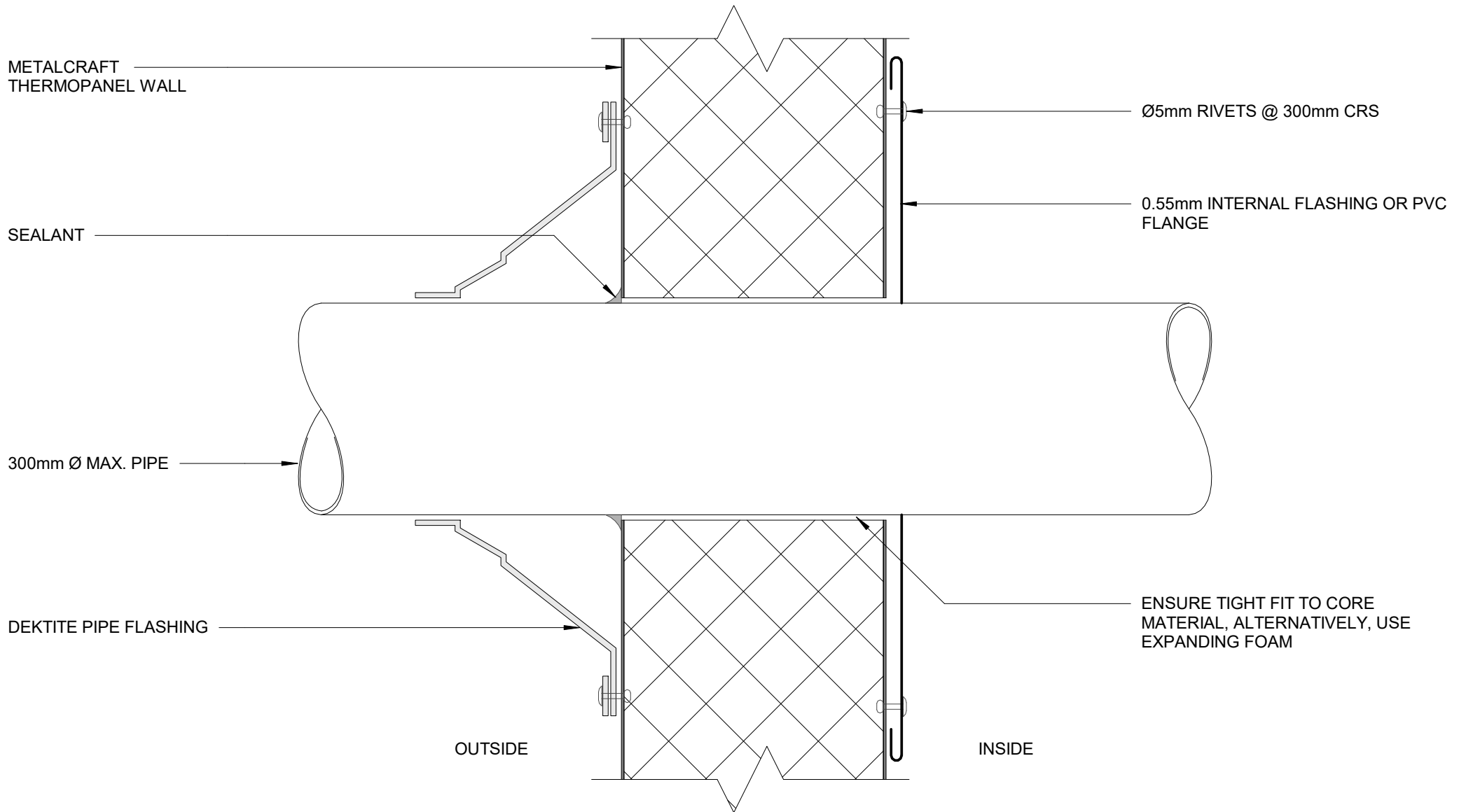
Ø5mm RIVETS @ 300mm CRS

SILICON SEALANT

WINDOW SILL AND JAMB  
EXTERNAL WALL DETAILS



VERTICAL JOINT TYPE C  
EXTERNAL WALL DETAILS



PIPE PENETRATION w DEKTITE FLASHING

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EXTERNAL WALL DETAILS

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Date 22.06.2023

Scale 1 : 2

Sheet

05 / 20

METALCRAFT  
THERMOPANEL WALL

0.55mm INTERNAL FLASHING OR PVC  
FLANGE

SEALANT

Ø5mm RIVETS @ 300mm CRS

0.55mm INTERNAL FLASHING OR PVC  
FLANGE

300mm Ø MAX. PIPE

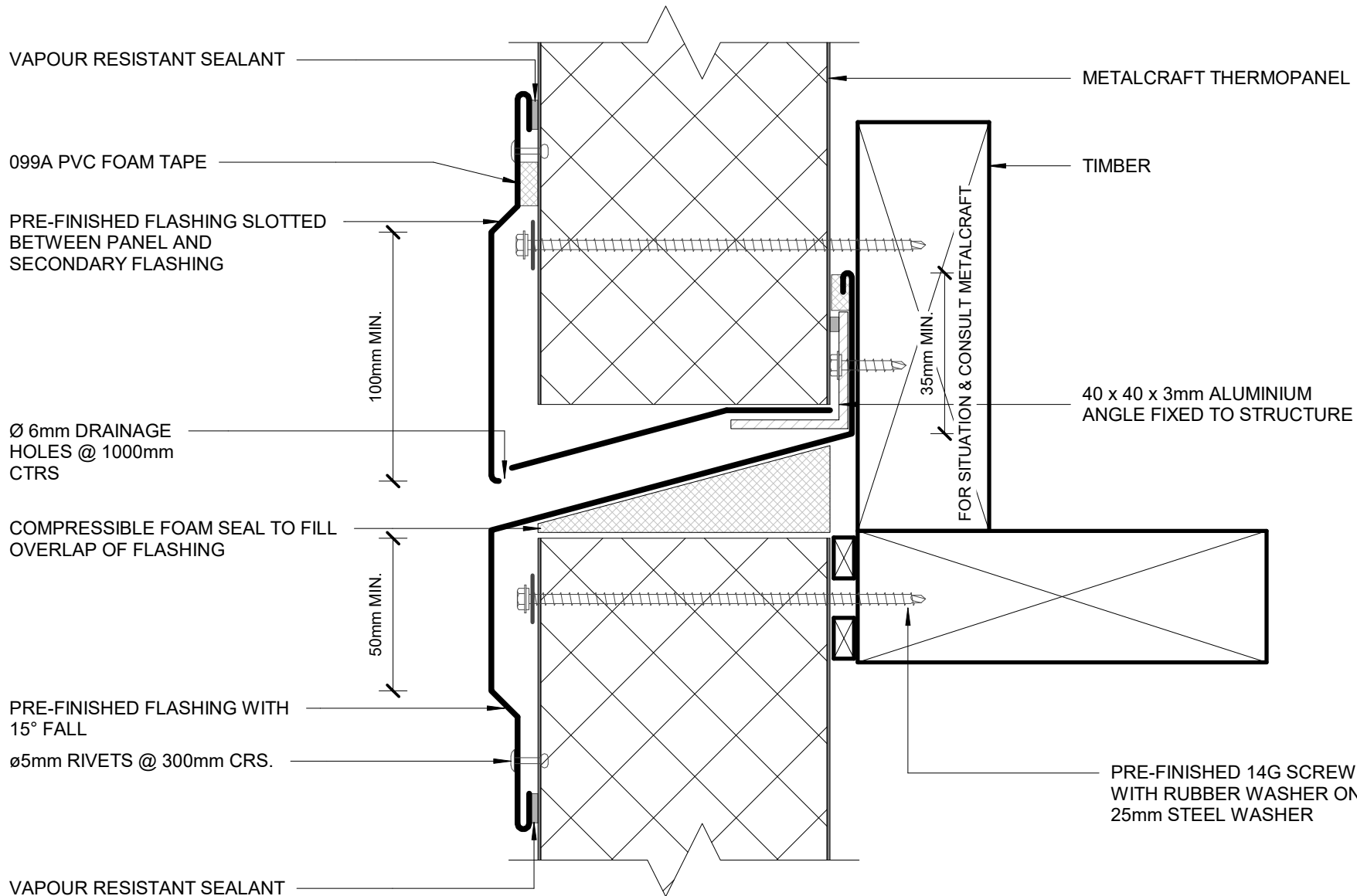
SEALANT

ENSURE TIGHT FIT TO CORE  
MATERIAL, ALTERNATIVELY, USE  
EXPANDING FOAM

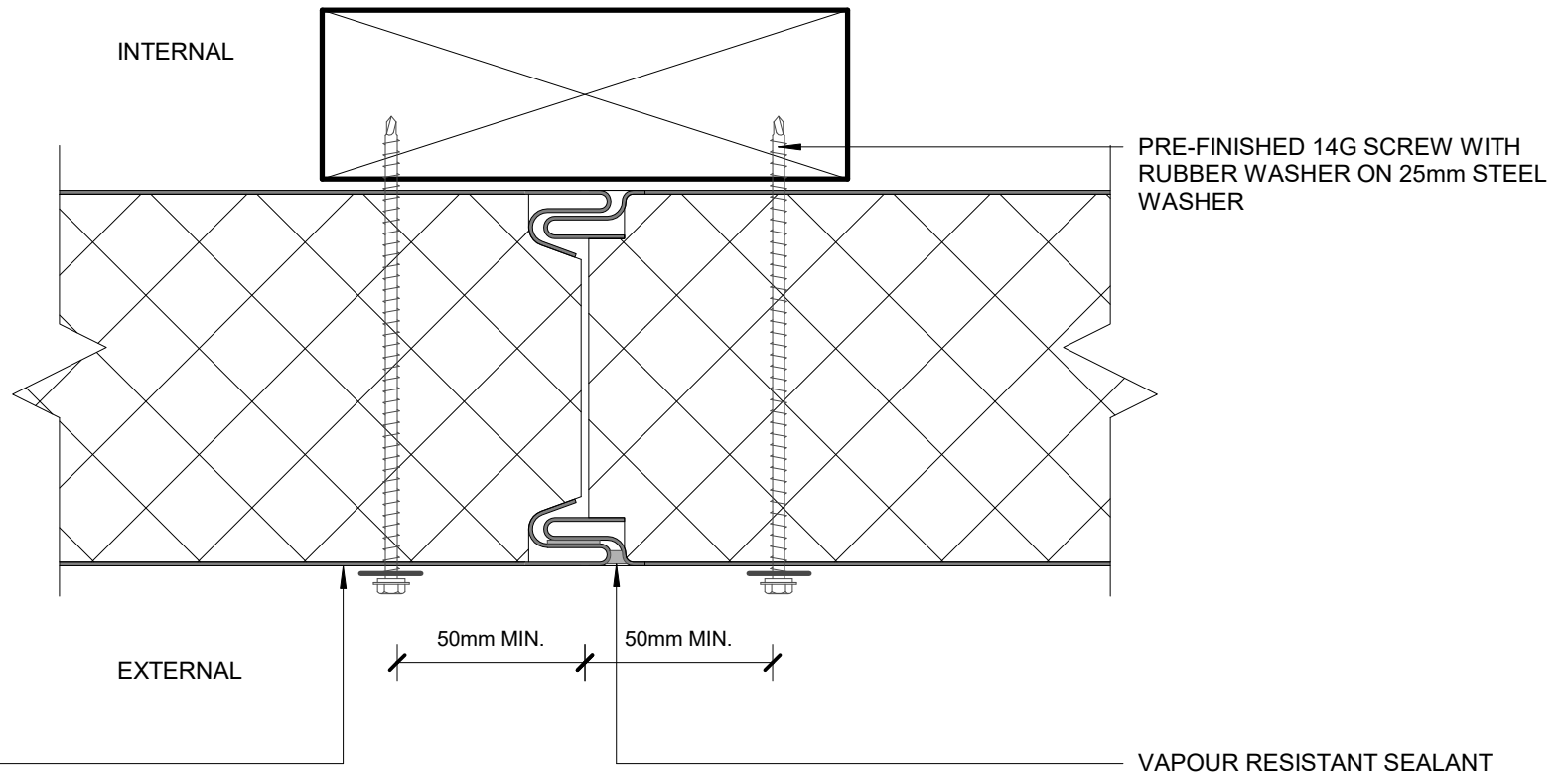
SEALANT

OUTSIDE

INSIDE







METALCRAFT  
THERMOPANEL WALL

VAPOUR RESISTANT SEALANT

PRE-FINISHED SELF DRILLING/TAPPING  
SCREW WITH RUBBER WASHER

TIMBER

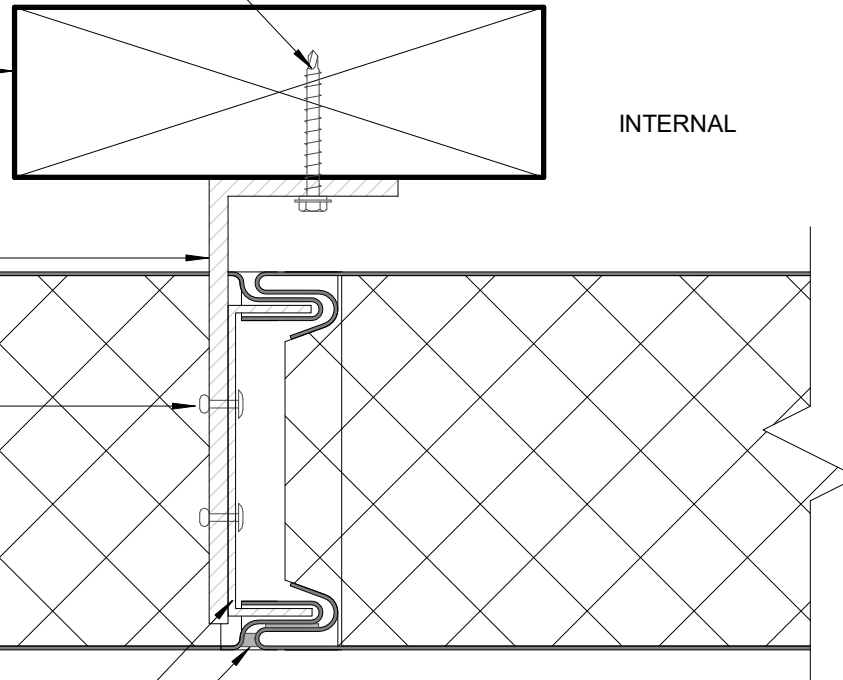
5mm  
ALUMINIUM  
ANGLE CLEAT

ø5mm RIVETS

METALCRAFT  
THERMOPANEL

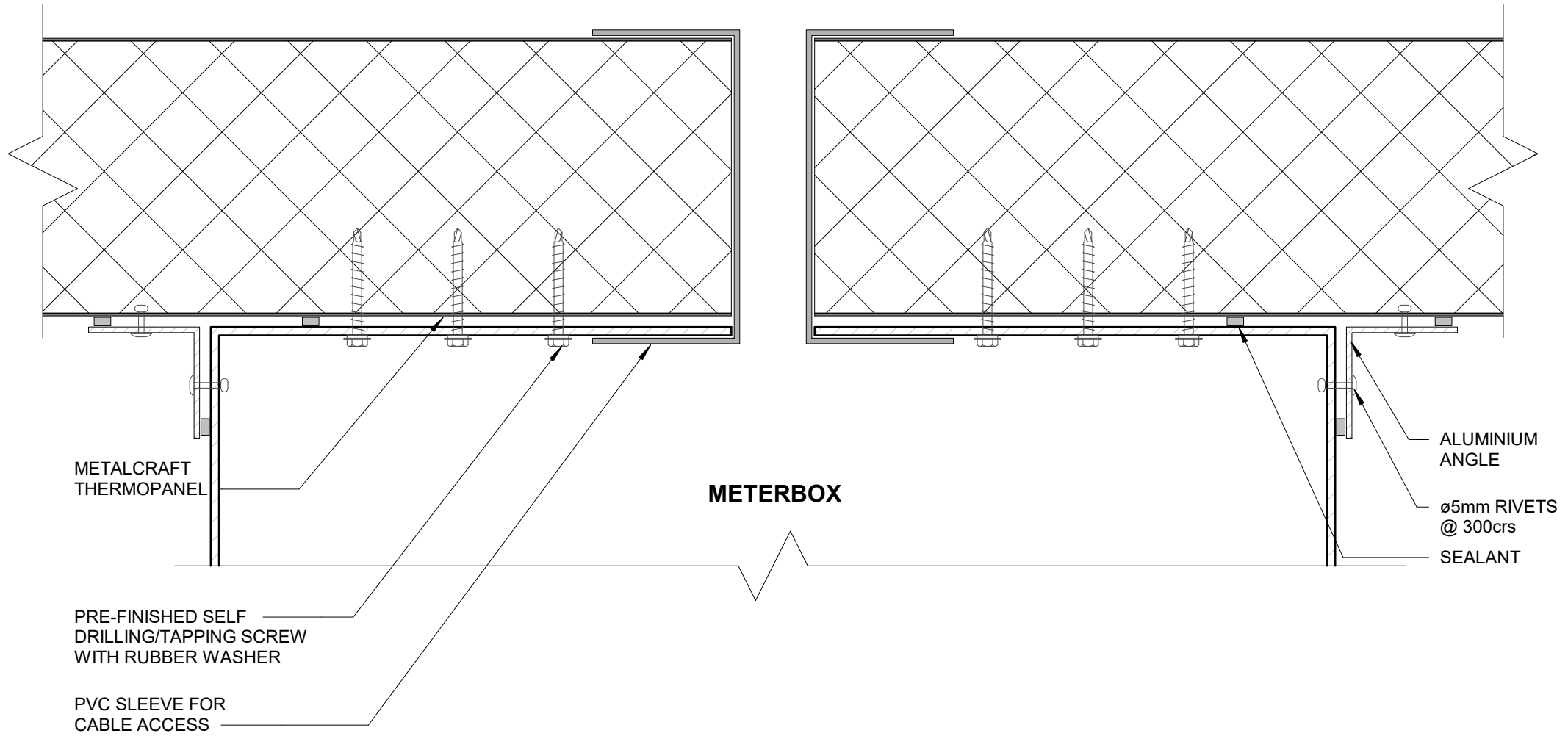
ALUMINIUM BASE  
CAP 300mm LONG  
MIN

VAPOUR RESISTANT  
SEALANT



INTERNAL

EXTERNAL



METALCRAFT  
THERMOPANEL

METERBOX

PRE-FINISHED SELF  
DRILLING/TAPPING SCREW  
WITH RUBBER WASHER

PVC SLEEVE FOR  
CABLE ACCESS

ALUMINIUM  
ANGLE

ø5mm RIVETS  
@ 300crs

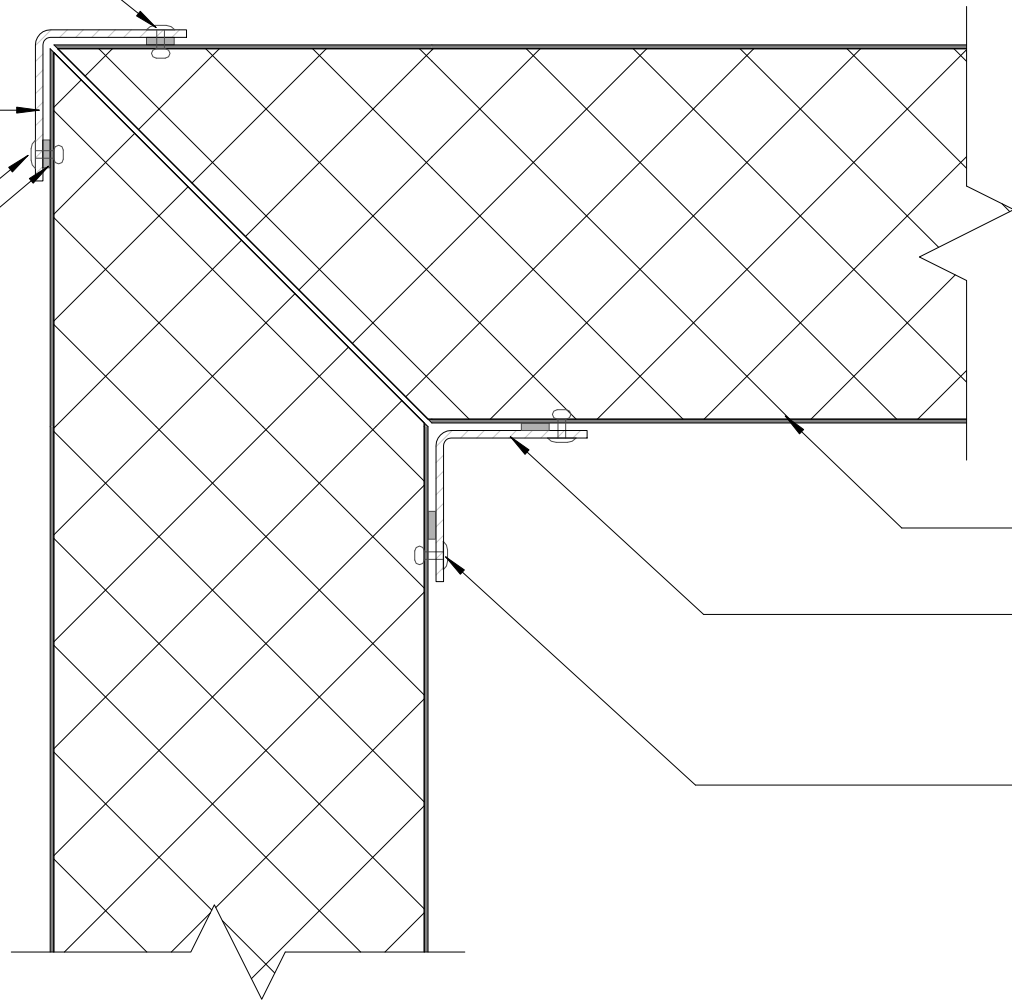
SEALANT

Ø5mm RIVETS @ 300mm CRS

40mm x 40mm x 2-3mm  
FOLDED ALUMINIUM  
EXTERNAL ANGLE

Ø5mm RIVETS @ 300mm CRS.  
WITH SEALANT

SEALANT



METALCRAFT THERMOPANEL

40mm x 40mm x 2-3mm  
FOLDED ALUMINIUM  
INTERNAL ANGLE

Ø5mm RIVETS @ 300mm CRS.

**NOTE:**  
ALUMINIUM ANGLES CAN BE  
REPLACED WITH STEEL

DISCLAIMER:  
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Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer

### INTERNAL/EXTERNAL CORNER DETAIL

Thermopanel EPS

Rev. 1.2

EXTERNAL WALL DETAILS

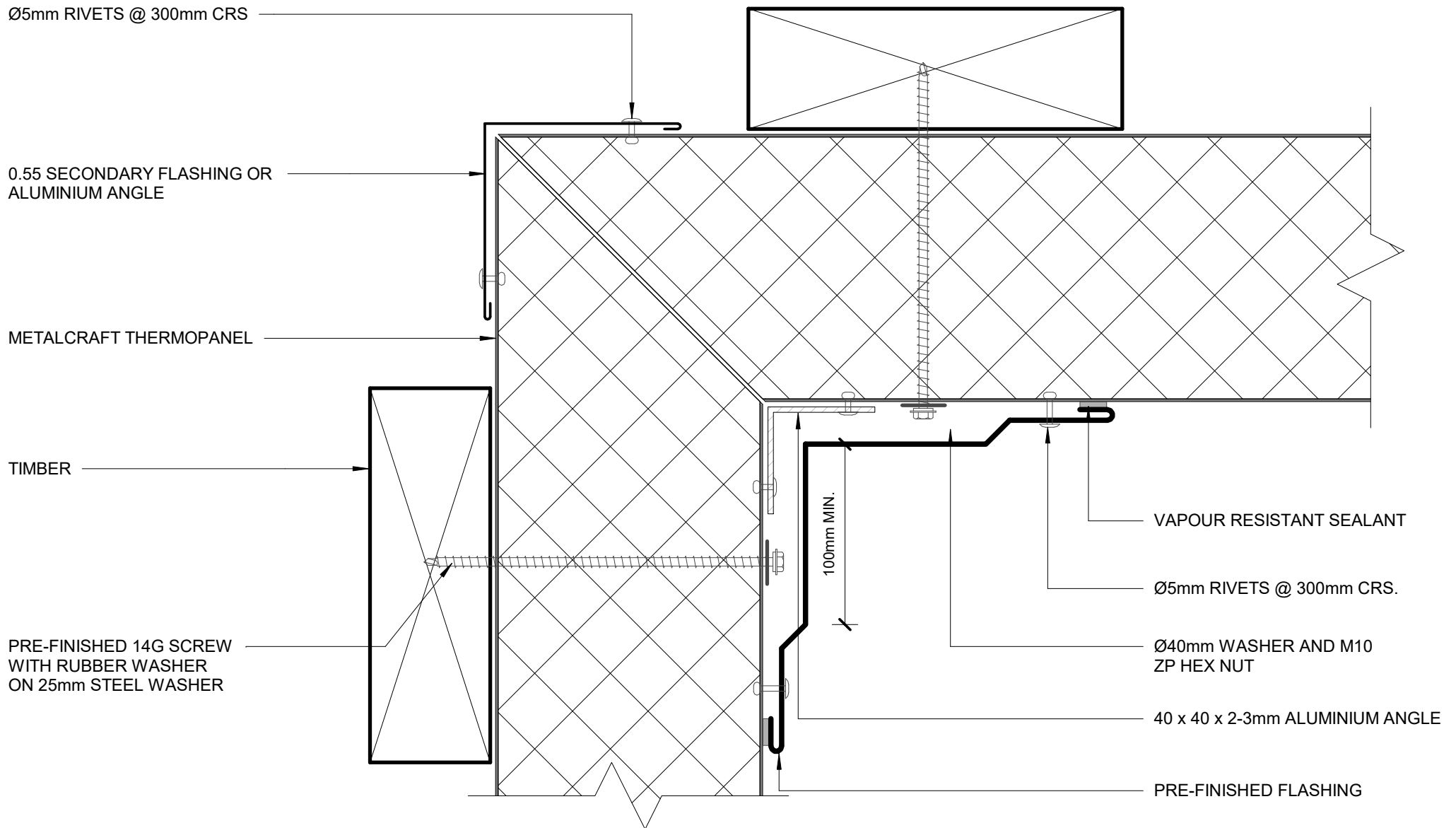
Reference TPEPS

Date 22.06.2023

Scale 1 : 2

Sheet

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## ALTERNATIVE INTERNAL CORNER

EXTERNAL WALL DETAILS

Thermopanel EPS

Rev. 1.2

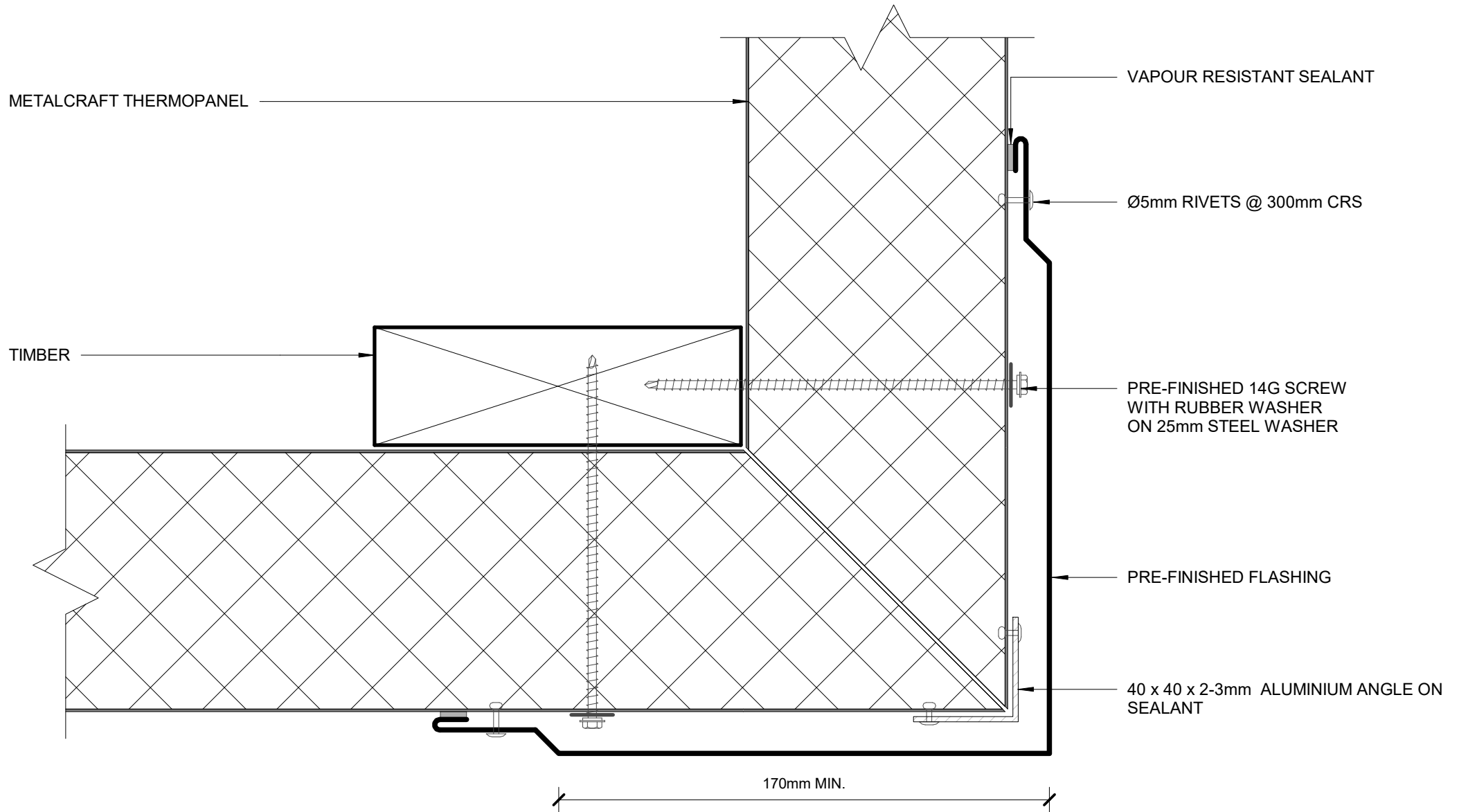
Reference TPEPS

Date 22.06.2023

Scale 1 : 2

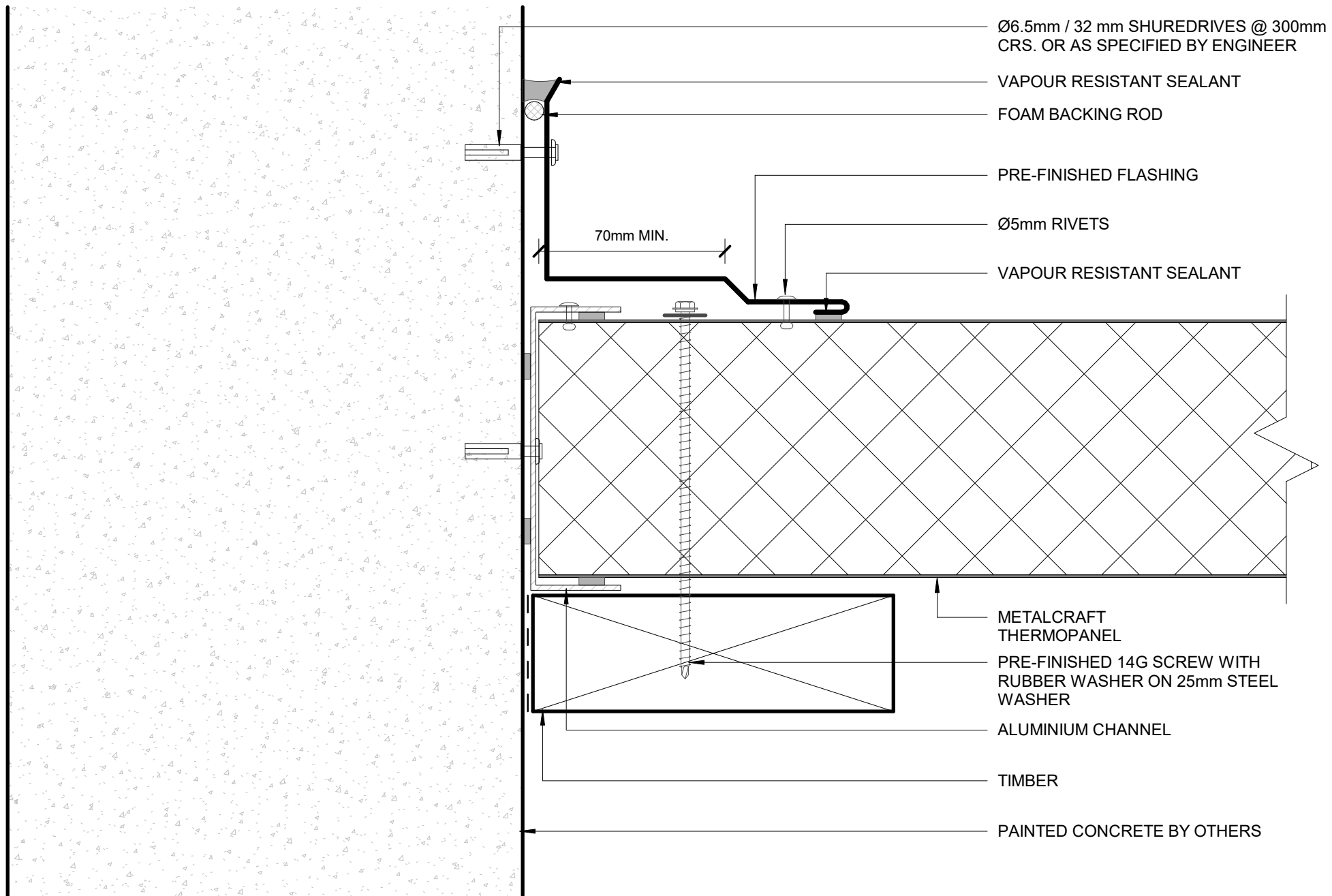
Sheet

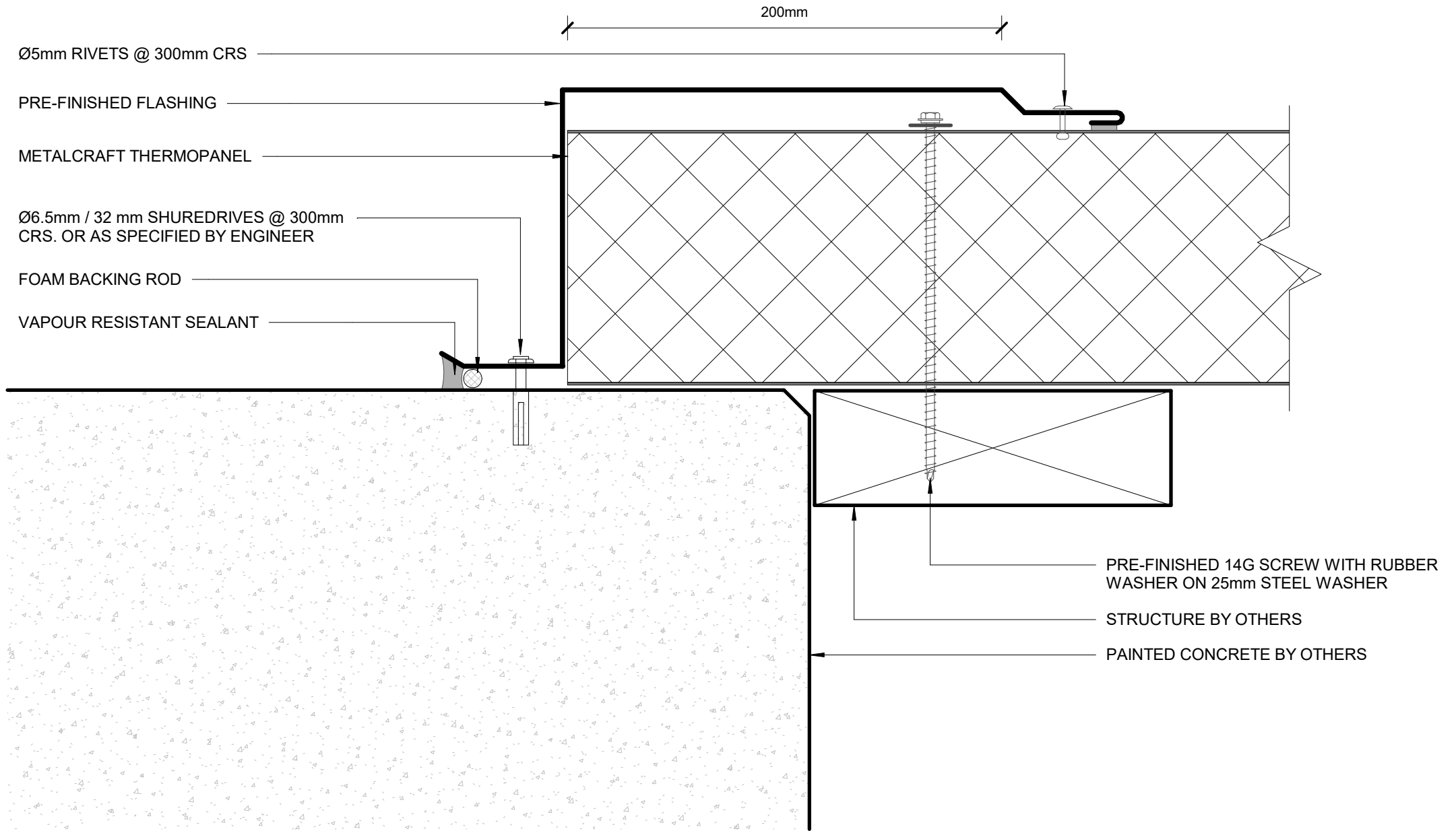
12 / 20



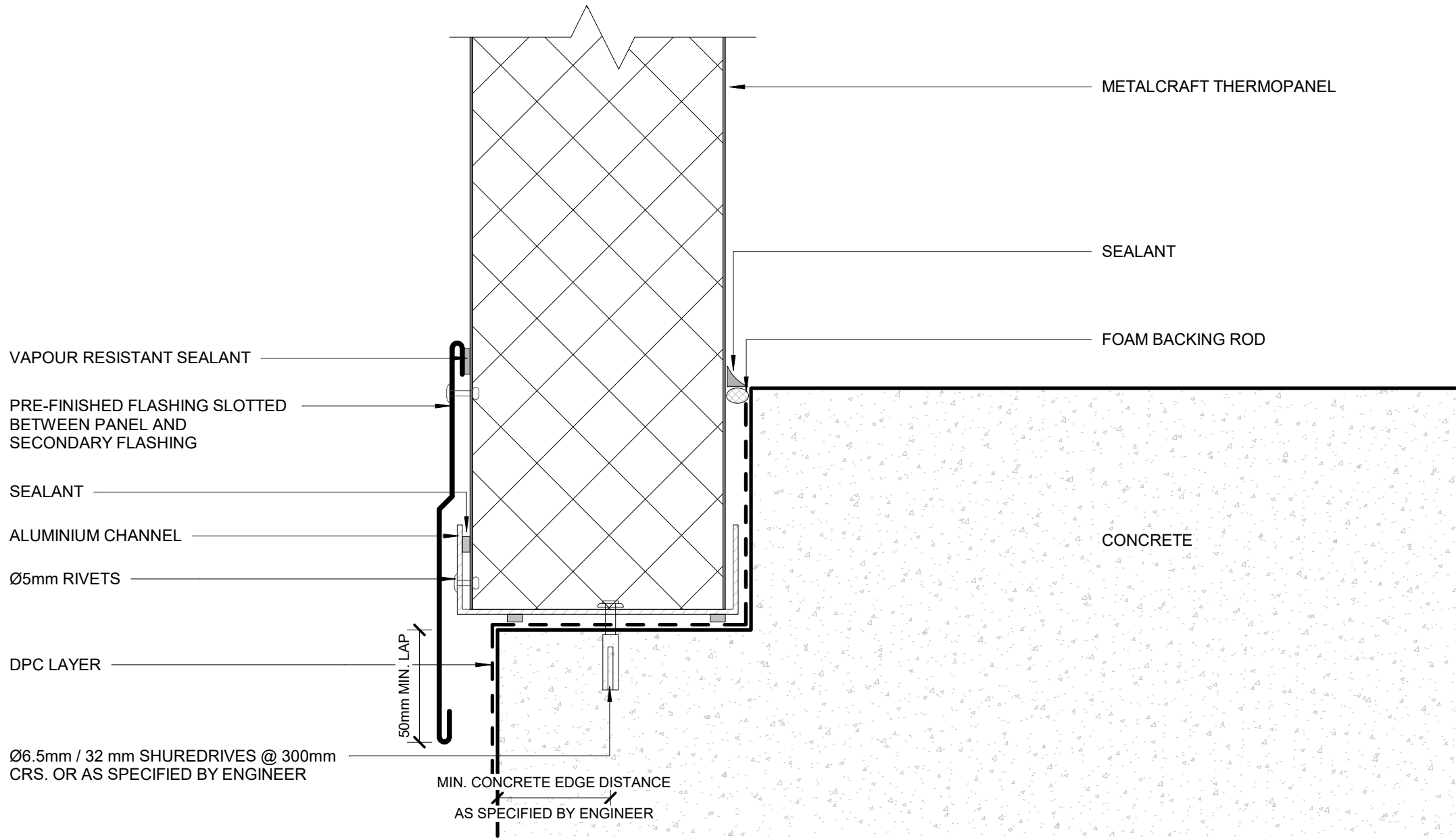
## ALTERNATIVE EXTERNAL CORNER

EXTERNAL WALL DETAILS

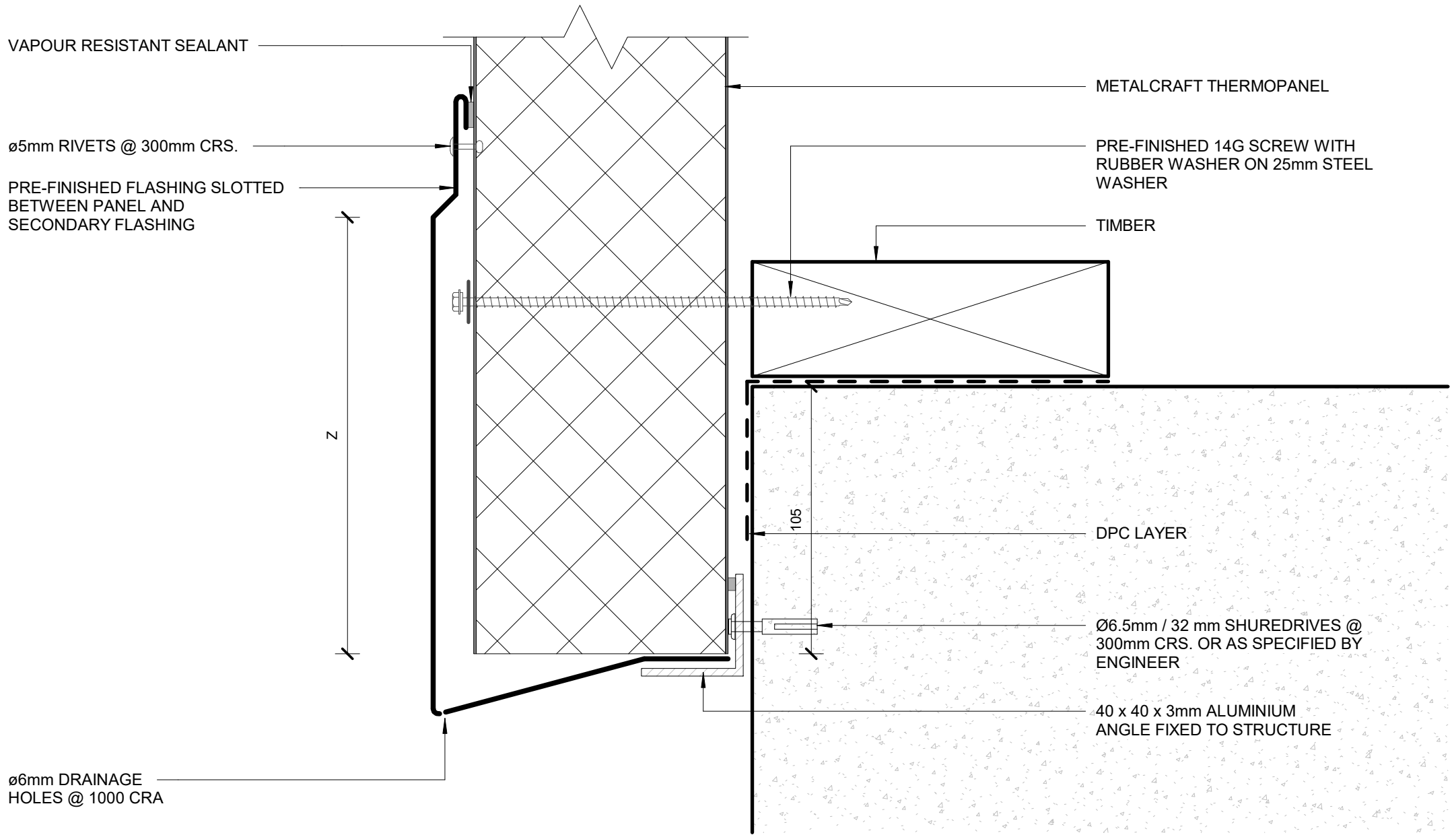








**BOTTOM OF CLADDING 01**  
**EXTERNAL WALL DETAILS**



**BOTTOM OF CLADDING 02**  
**EXTERNAL WALL DETAILS**

Thermopanel EPS

Rev. 1.2

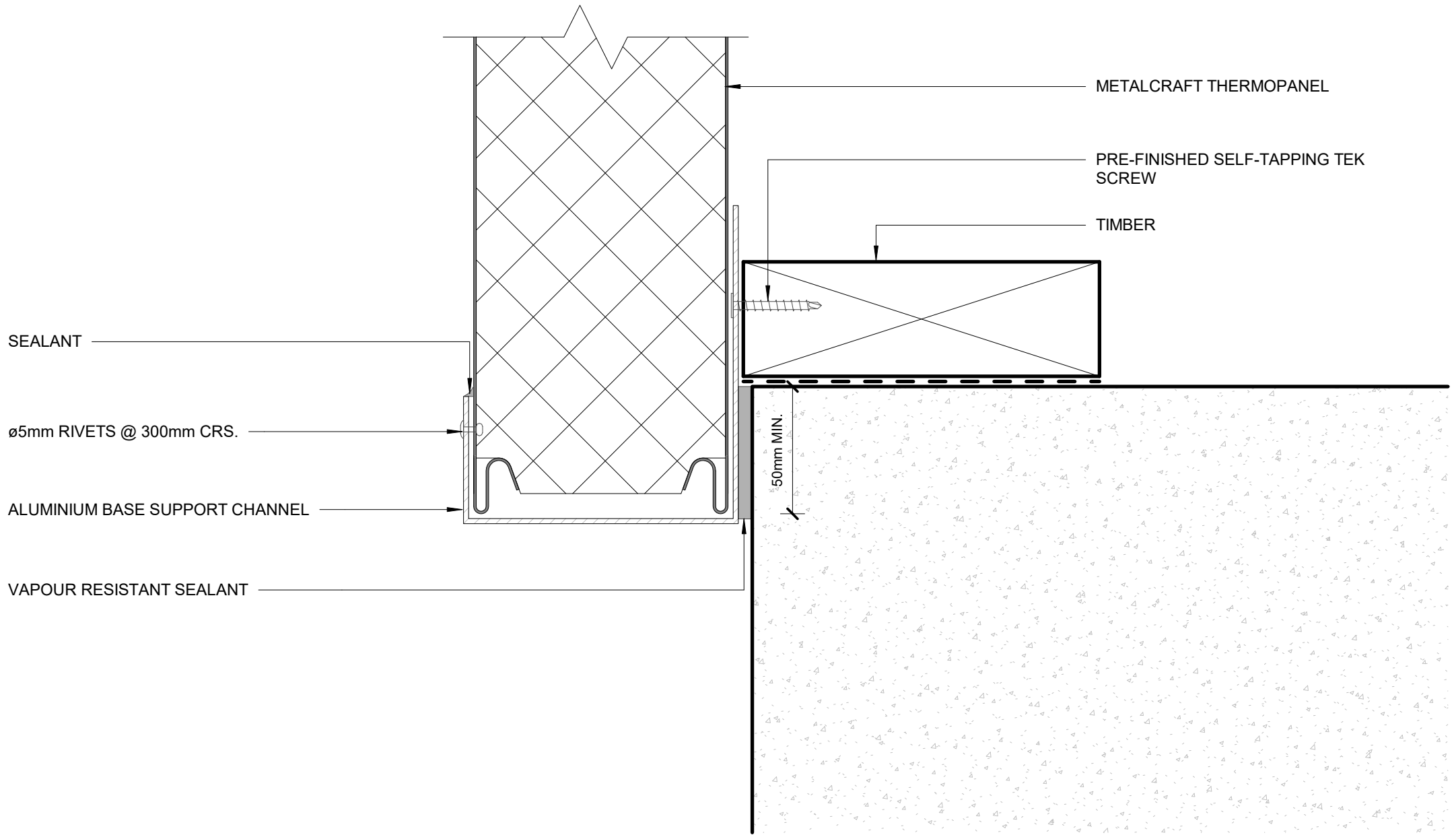
Reference TPEPS

Date 22.06.2023

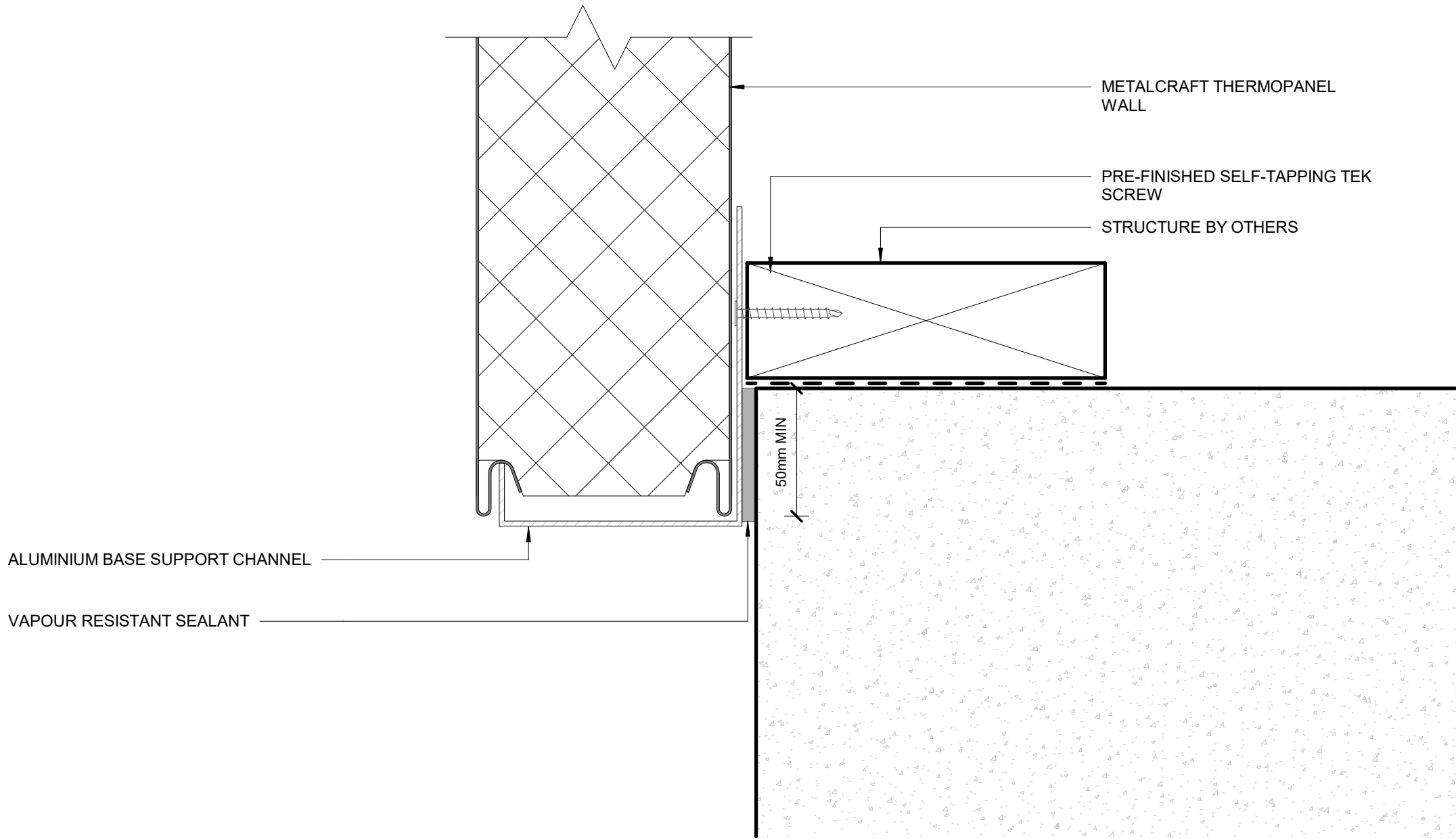
Scale 1 : 2

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**BOTTOM OF CLADDING 03**  
**EXTERNAL WALL DETAILS**



ALUMINIUM BASE SUPPORT CHANNEL

VAPOUR RESISTANT SEALANT

METALCRAFT THERMOPANEL WALL

PRE-FINISHED SELF-TAPPING TEK SCREW

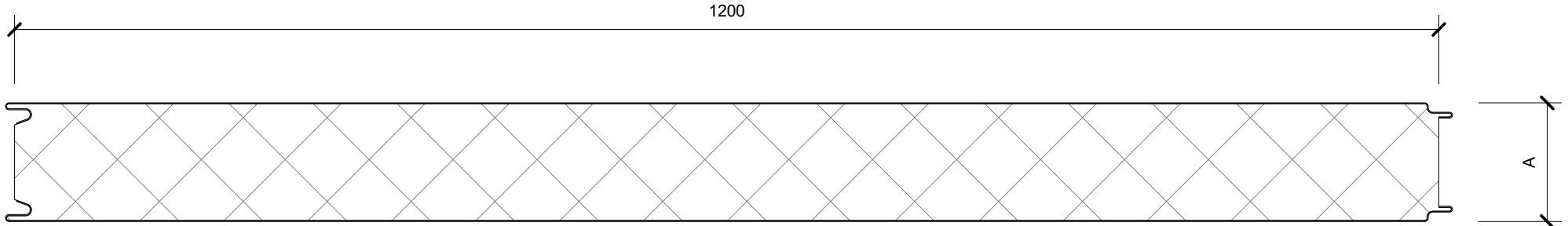
STRUCTURE BY OTHERS

50mm MIN

**BOTTOM OF CLADDING 04**

**EXTERNAL WALL DETAILS**

**THERMOPANEL EPS**



FLAT FINISH - AVAILABLE BOTH SIDES

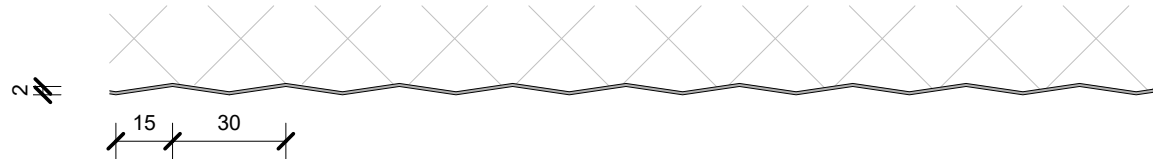
SCALE @ 1:5

A= 50, 75, 100, 125,  
150, 200, 250mm

**INTERNAL LINER FINISHES**

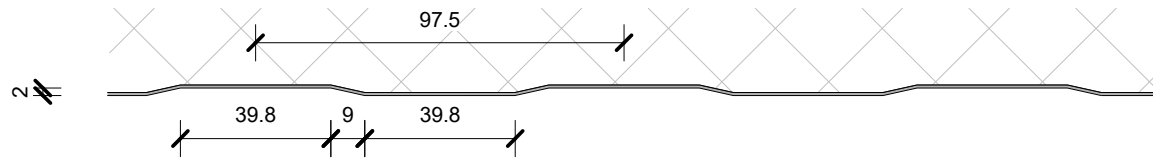
SILKLINE FINISH

- ONE SIDE ONLY



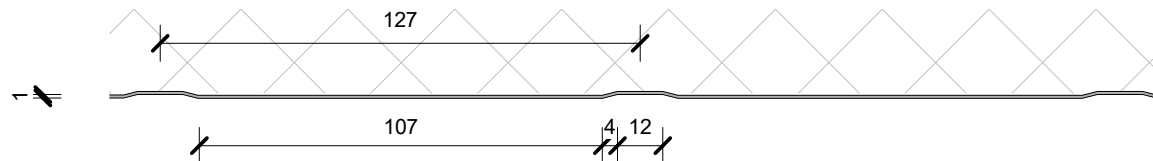
MESA FINISH

- ONE SIDE ONLY



RIBBED FINISH

- AVAILABLE BOTH SIDES



SCALE @ 1:2

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Thermopanel EPS

Rev. 1.3

Reference TPEPS

Date 22.06.2023

**PANEL PROFILE AND SIZE**

**EXTERNAL WALL DETAILS**

Scale As indicated Sheet

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