

# Metdek 400

## COMMERCIAL ROOFING

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CRMD400

0800 ROOFNZ (0800 766 369)  
[www.metalcraftroofing.co.nz](http://www.metalcraftroofing.co.nz)

Architectural / Specification Enquiries

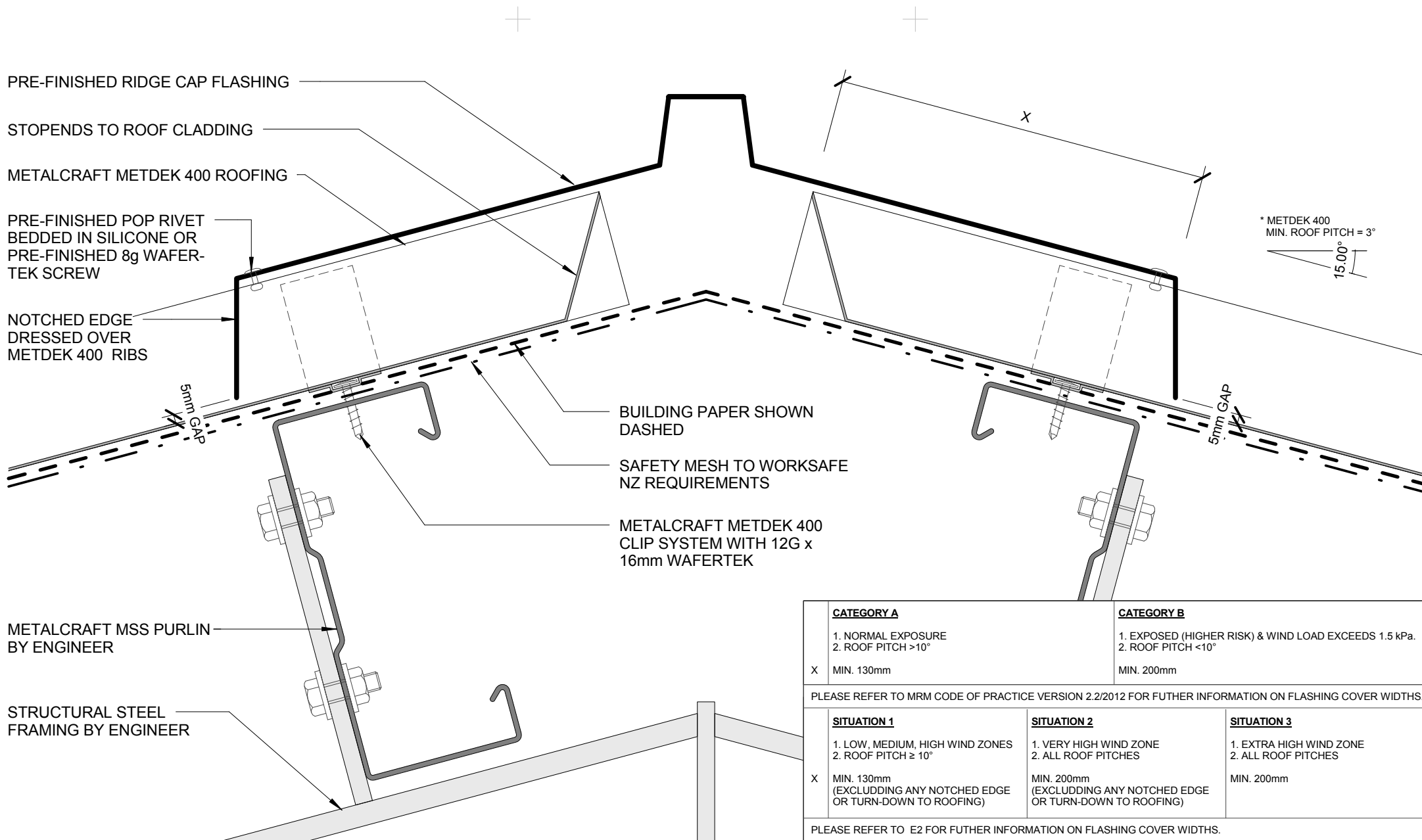
Ph: 09 274 0408

Mobile: 027 603 1096

Email: [Frances.charles@unitedindustries.co.nz](mailto:Frances.charles@unitedindustries.co.nz)



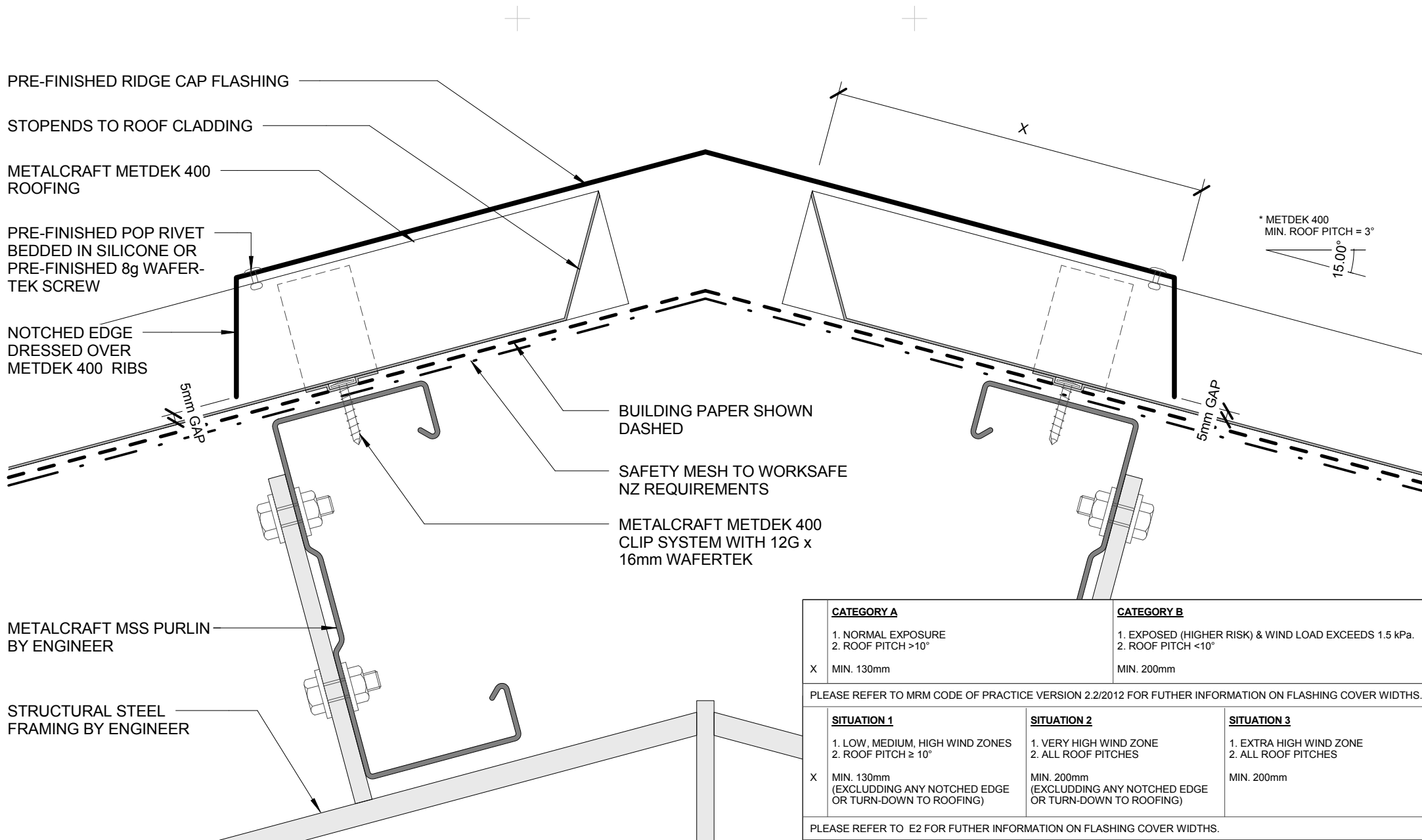
**Metalcraft**  
Roofing



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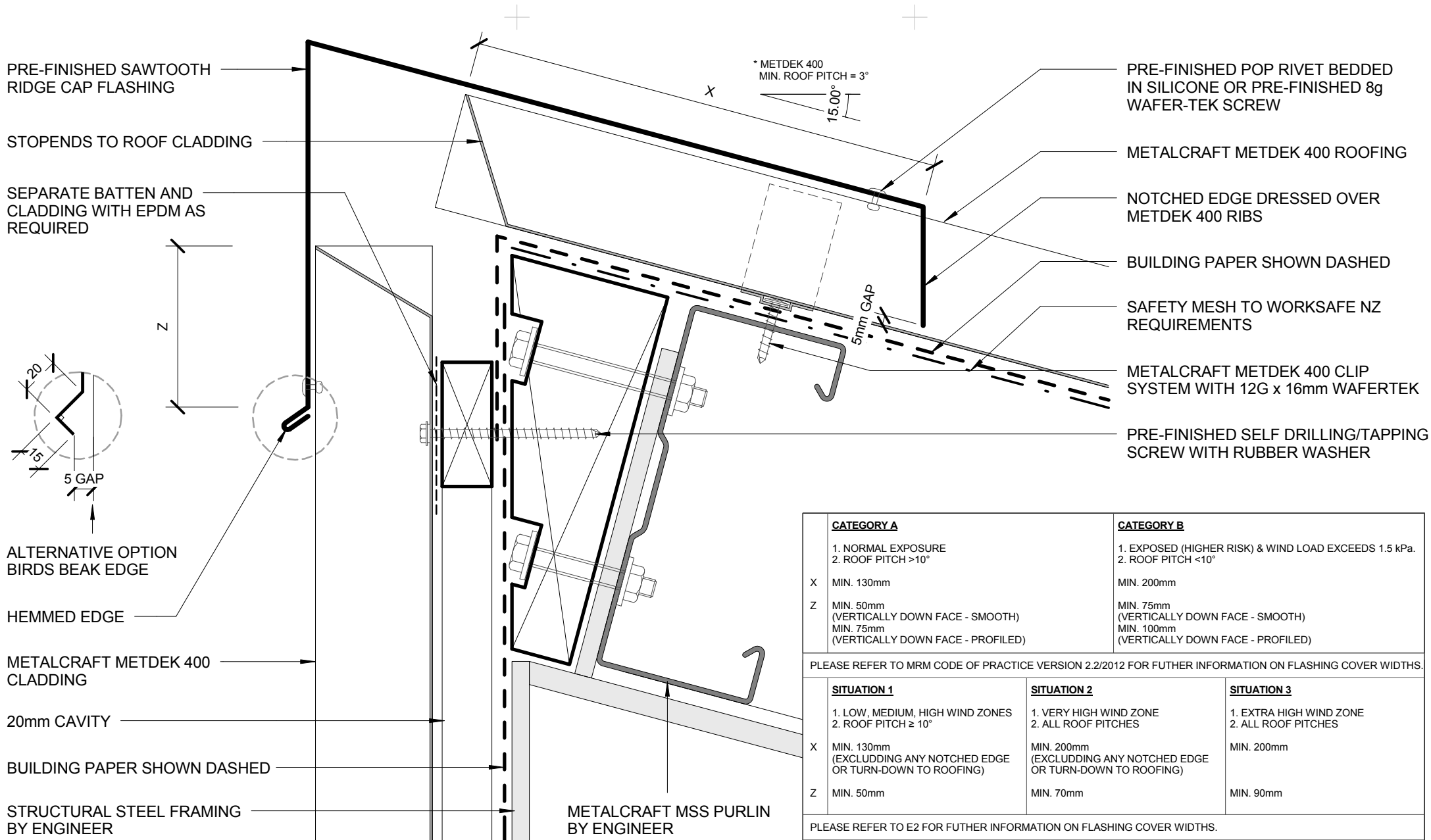
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EAVE FLASHING REQUIRED WHEN  
 - ROOF PITCH  $\leq 10^\circ$ , OR  
 - SOFFIT WIDTH  $\leq 100\text{mm}$ , OR  
 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR  
 - ENGINEER SPECIFIC DESIGN

\* METDEK 400  
 MIN. ROOF PITCH =  $3^\circ$

15.00°

DIMENSION TO SUIT  
 SUGGEST MIN. 125mm

METALCRAFT METDEK 400 ROOFING

BUILDING PAPER SHOWN DASHED

PRE-FINISHED EAVE FLASHING

METALCRAFT BOX  
 GUTTER 125 WITH  
 EXTERNAL BRACKET

PRE-FINISHED SELF  
 DRILLING/TAPPING SCREW  
 WITH RUBBER WASHER

SEPARATE BATTEN AND  
 CLADDING WITH EPDM AS  
 REQUIRED

FASCIA BOARD

METALCRAFT METDEK 400 CLADDING ON CAVITY

METALCRAFT MSS PURLIN BY ENGINEER

MIN. 50mm  
 OR AS REQUIRED

MIN. 35mm  
 OVERLAP

PACKER

SAFETY MESH TO  
 WORKSAFE NZ  
 REQUIREMENTS

METALCRAFT METDEK  
 400 CLIP SYSTEM WITH  
 12G x 16mm WAFERTEK

STRUCTURAL STEEL  
 FRAMING BY ENGINEER

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## FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

COMMERCIAL ROOFING

Metdek 400

Reference CRMD400

Date 2014

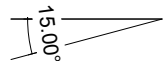
Scale 1 : 2

Sheet

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EAVE FLASHING REQUIRED WHEN  
 - ROOF PITCH  $\leq 10^\circ$ , OR  
 - SOFFIT WIDTH  $\leq 100\text{mm}$ , OR  
 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR  
 - ENGINEER SPECIFIC DESIGN

\* METDEK 400  
 MIN. ROOF PITCH =  $3^\circ$



DIMENSION TO SUIT  
 SUGGEST MIN. 125mm

METALCRAFT METDEK 400 ROOFING

BUILDING PAPER SHOWN DASHED

PRE-FINISHED EAVE FLASHING

METALCRAFT BOX GUTTER 125  
 WITH EXTERNAL BRACKET

PRE-FINISHED SELF  
 DRILLING/TAPPING SCREW WITH  
 RUBBER WASHER

SEPARATE BATTEN AND CLADDING  
 WITH EPDM AS REQUIRED

METALCRAFT METDEK 400  
 CLADDING ON CAVITY

METALCRAFT MSS PURLIN  
 BY ENGINEER

MIN. 35mm  
 OVERLAP

PACKER

SAFETY MESH TO  
 WORKSAFE NZ  
 REQUIREMENTS

METALCRAFT METDEK 400  
 CLIP SYSTEM WITH 12G x  
 16mm WAFERTEK

STRUCTURAL STEEL  
 FRAMING BY ENGINEER

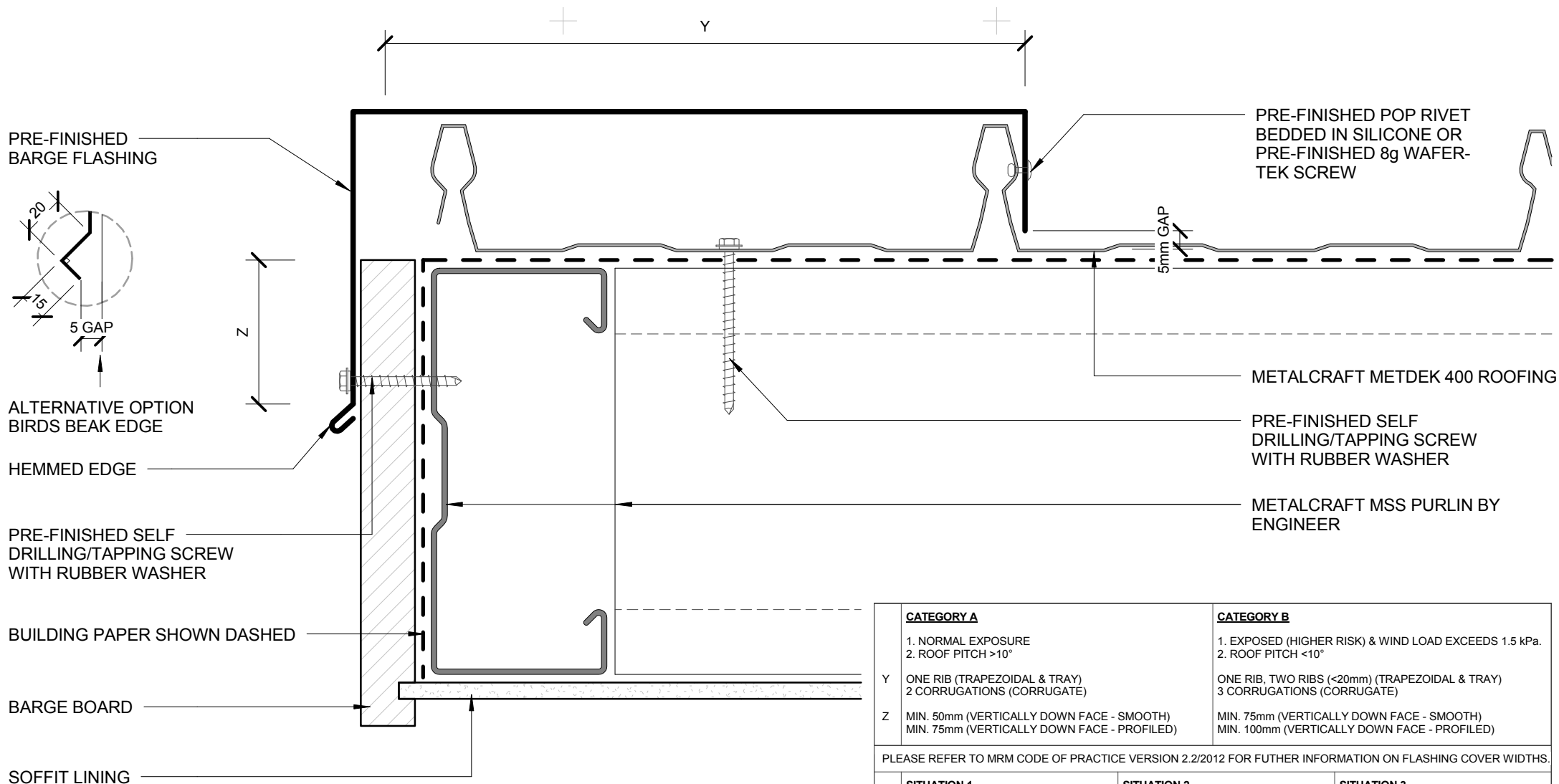
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## FLUSH EAVE WITH PAN FIXED GUTTER

### COMMERCIAL ROOFING

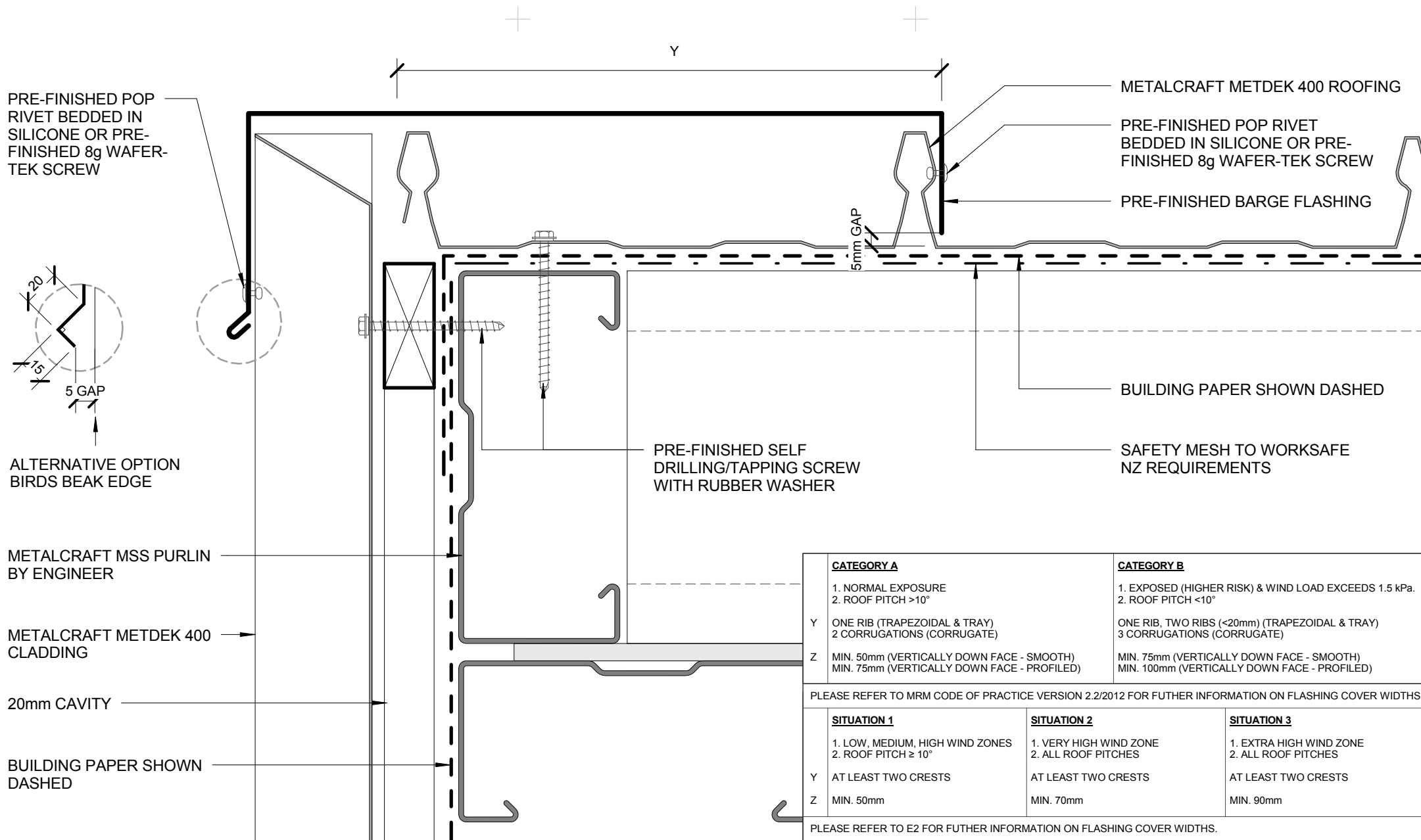


CATEGORY A		CATEGORY B
1. NORMAL EXPOSURE 2. ROOF PITCH >10°		1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
Y	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (CORRUGATE)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	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
1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°		1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES
Y	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z	MIN. 50mm	MIN. 70mm
		SITUATION 3
		1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
		AT LEAST TWO CRESTS
		MIN. 90mm
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.		

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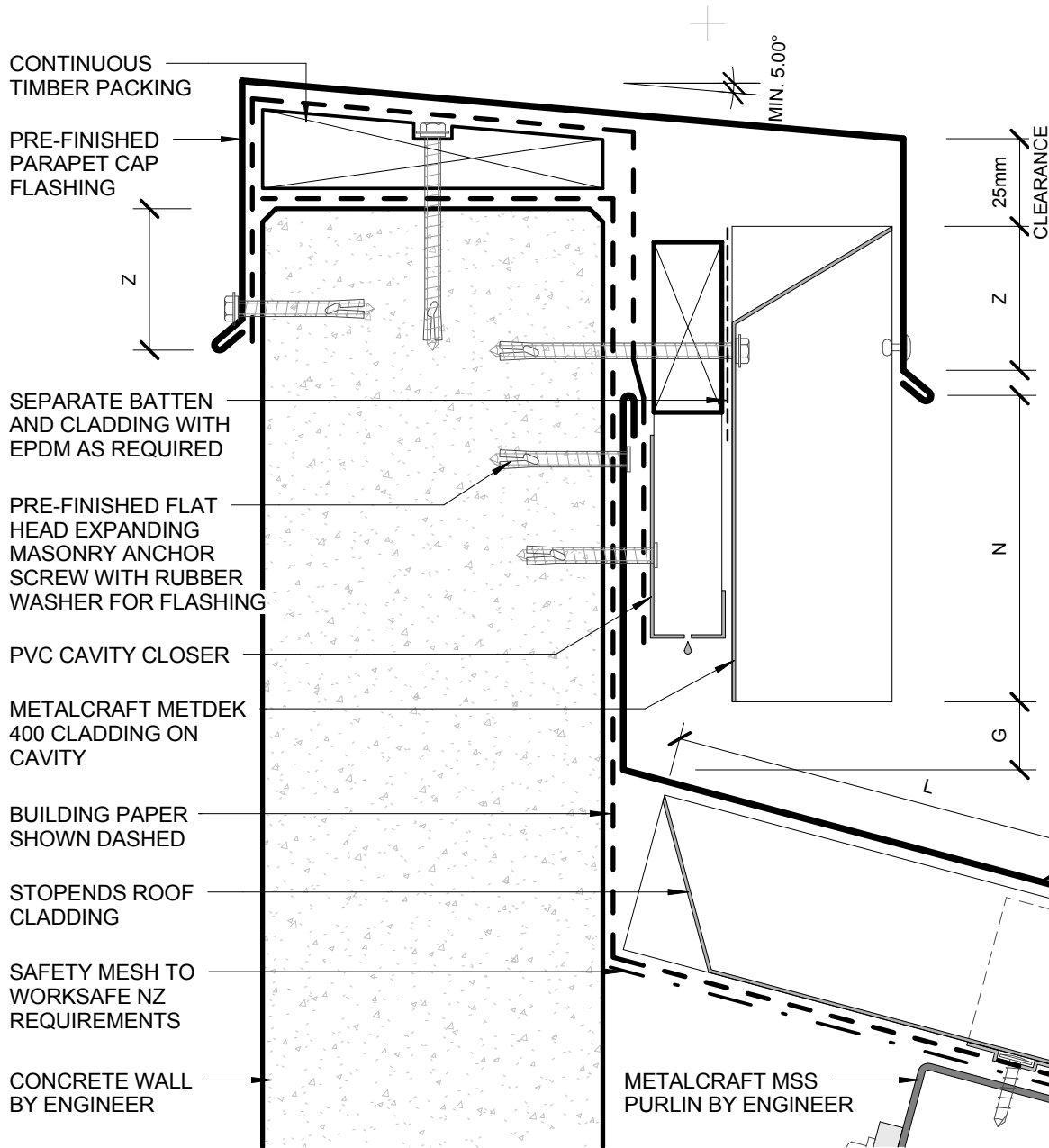




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CATEGORY A		CATEGORY B
1. NORMAL EXPOSURE 2. ROOF PITCH >10°		1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
G	25mm	25mm
N	MIN. 50mm + HEM OR 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - SMOOTH) MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - PROFILED)
L	MIN. 150mm	MIN. 200mm
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	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
G MIN. 35mm	MIN. 35mm	MIN. 35mm
N MIN. 75mm	MIN. 75mm	MIN. 75mm
L MIN. 130mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
Z MIN. 50mm	MIN. 70mm	MIN. 90mm

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

\* METDEK 400  
MIN. ROOF PITCH = 3°

PRE-FINISHED APRON FLASHING

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

METALCRAFT METDEK 400 ROOFING

METALCRAFT METDEK 400 CLIP SYSTEM WITH 12G x 16mm WAFERTEK

NOTCHED EDGE DRESSED OVER METDEK 400 RIBS

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## PARAPET WITH TRANSVERSE APRON

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Metdek 400

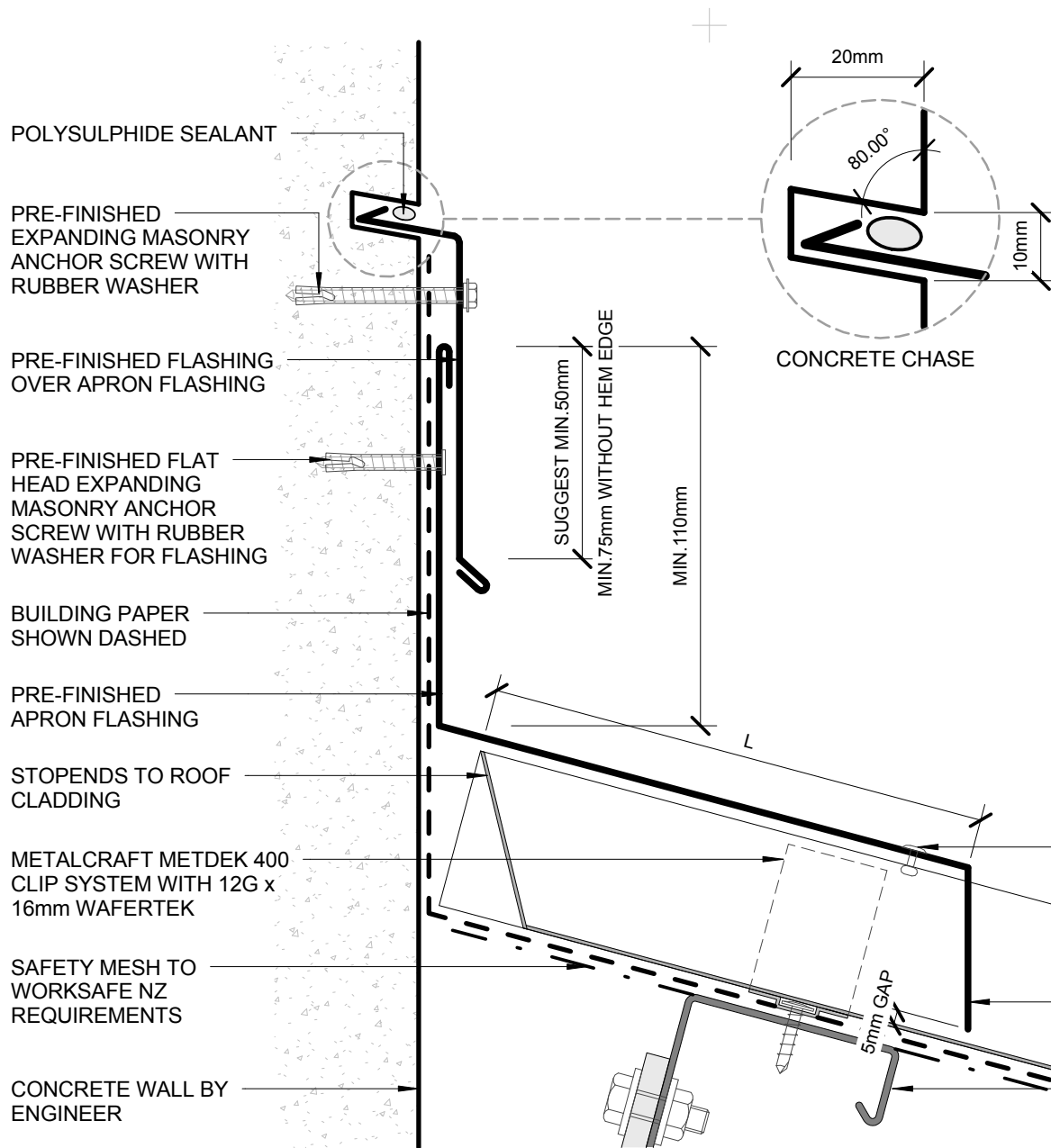
Reference CRMD400

Date 2014

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<b>CATEGORY A</b> 1. NORMAL EXPOSURE 2. ROOF PITCH >10° L MIN. 150mm		<b>CATEGORY B</b> 1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10° MIN. 200mm
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.		
<b>SITUATION 1</b> 1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10° L MIN. 130mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	<b>SITUATION 2</b> 1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES MIN. 200mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	<b>SITUATION 3</b> 1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES MIN. 200mm
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METALCRAFT METDEK 400 ROOFING

NOTCHED EDGE DRESSED OVER METDEK 400 RIBS

METALCRAFT MSS PURLIN BY ENGINEER

## TRANSVERSE APRON COMMERCIAL ROOFING

Metdek 400

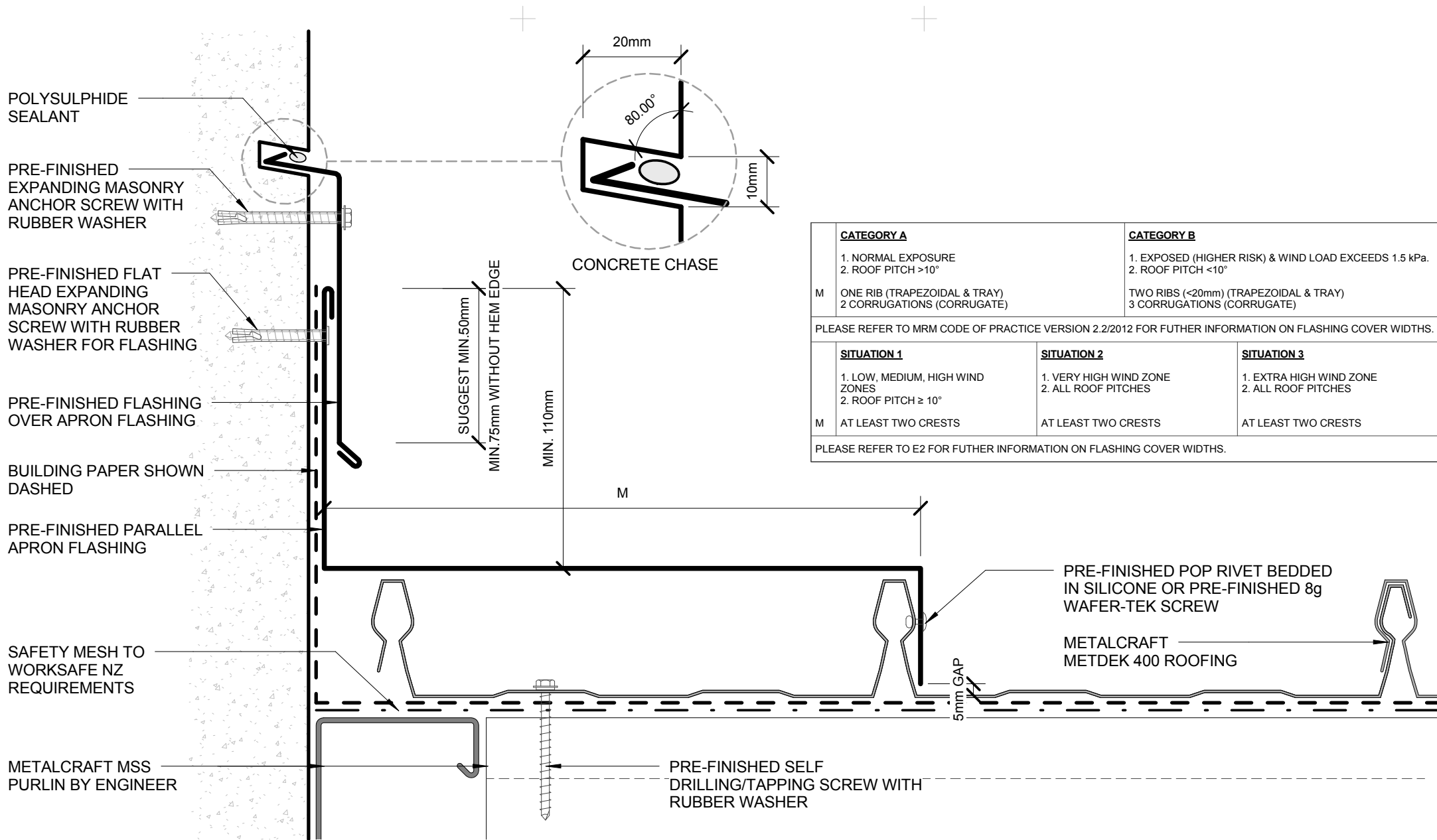
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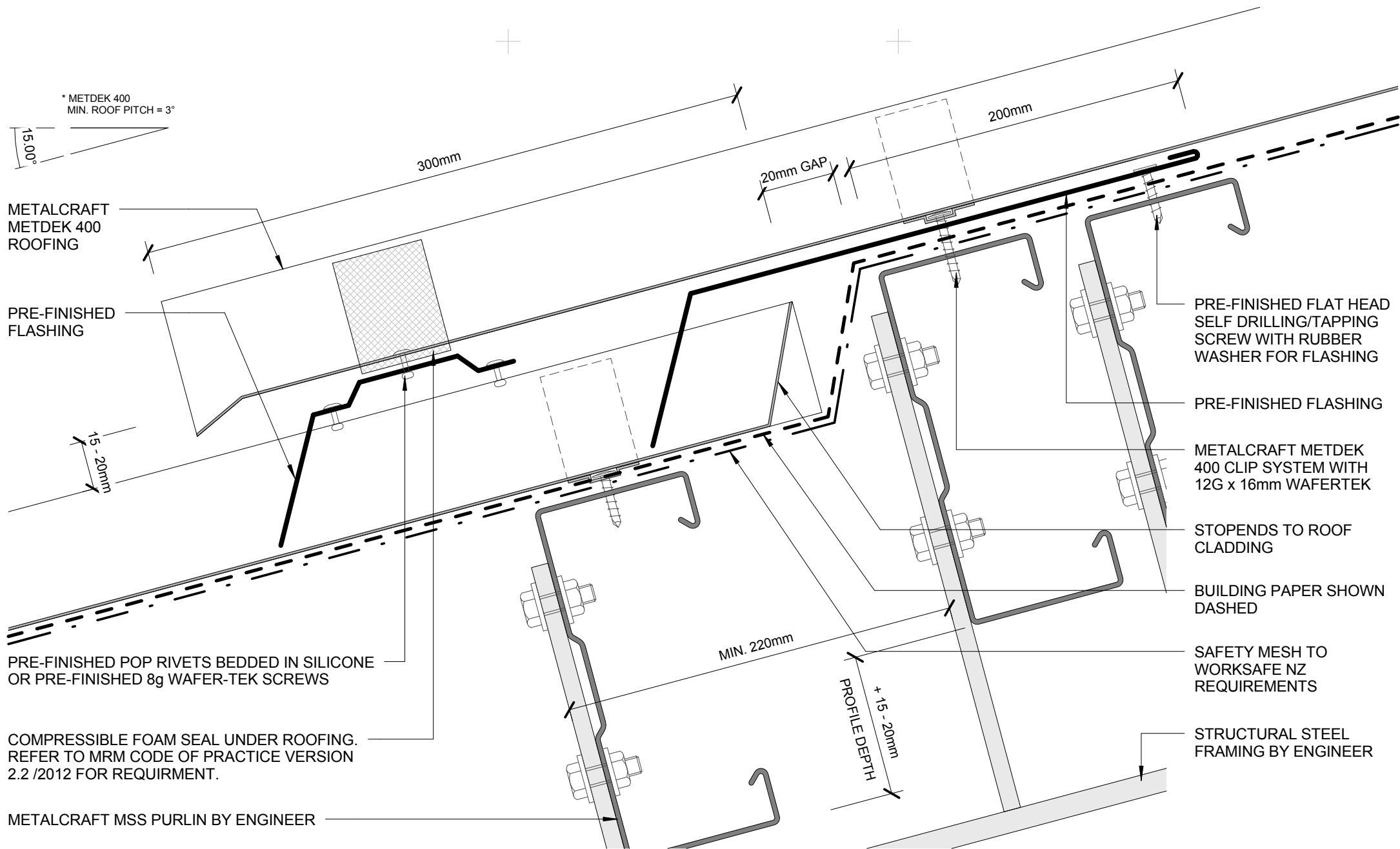
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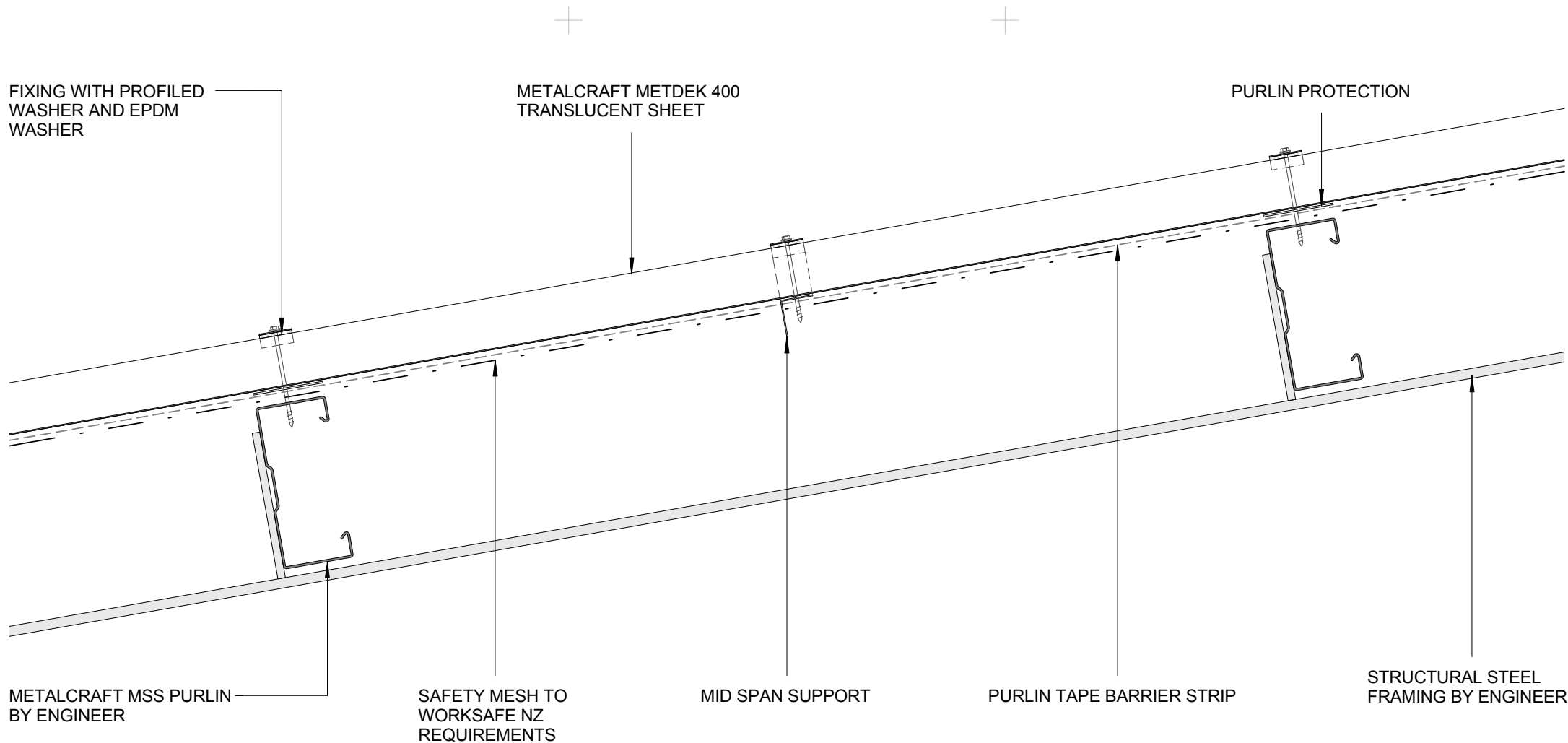
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## TRANSLUCENT SHEETS - LONG SECTION

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Metdek 400

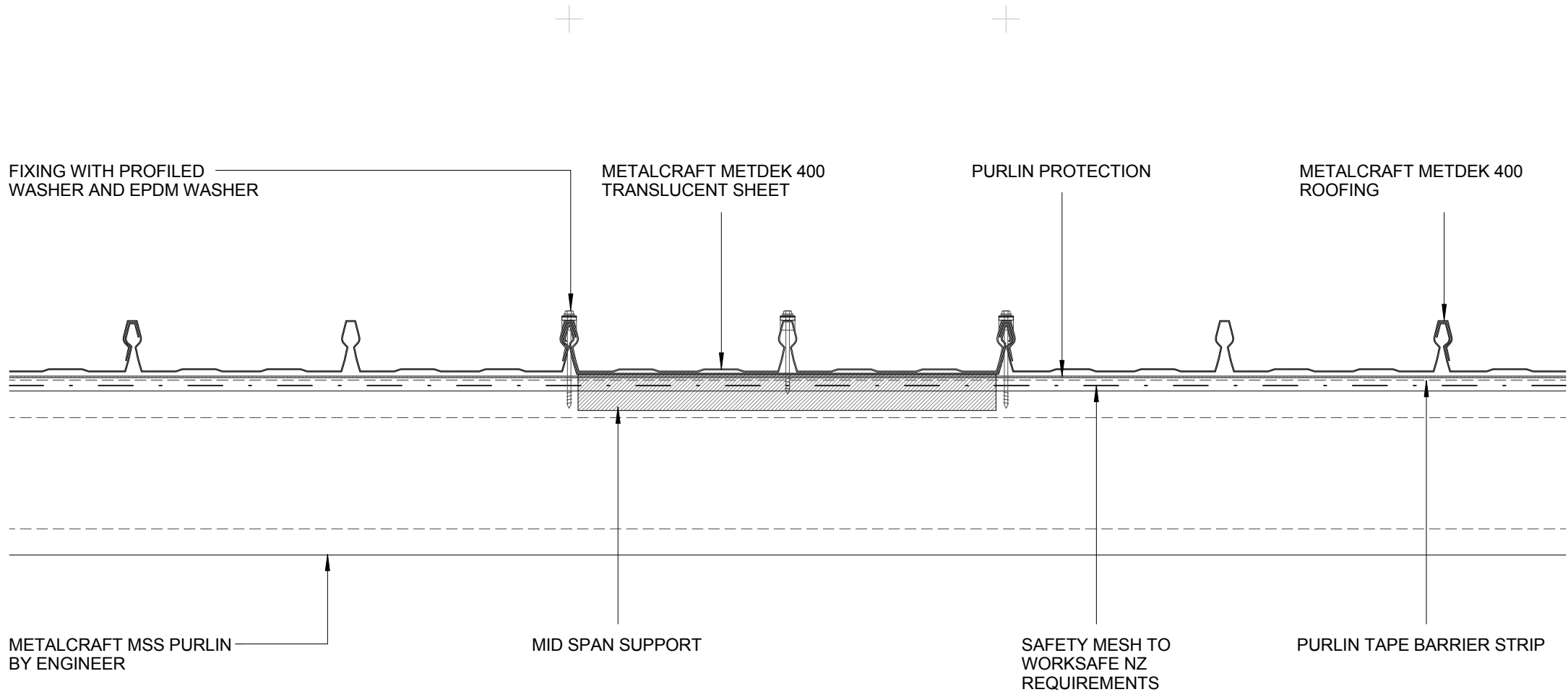
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Scale 1 : 5

Sheet

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## TRANSLUCENT SHEETS - CROSS

COMMERCIAL ROOFING

Metdek 400

Reference CRMD400

Date 2014

Scale 1 : 5

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