

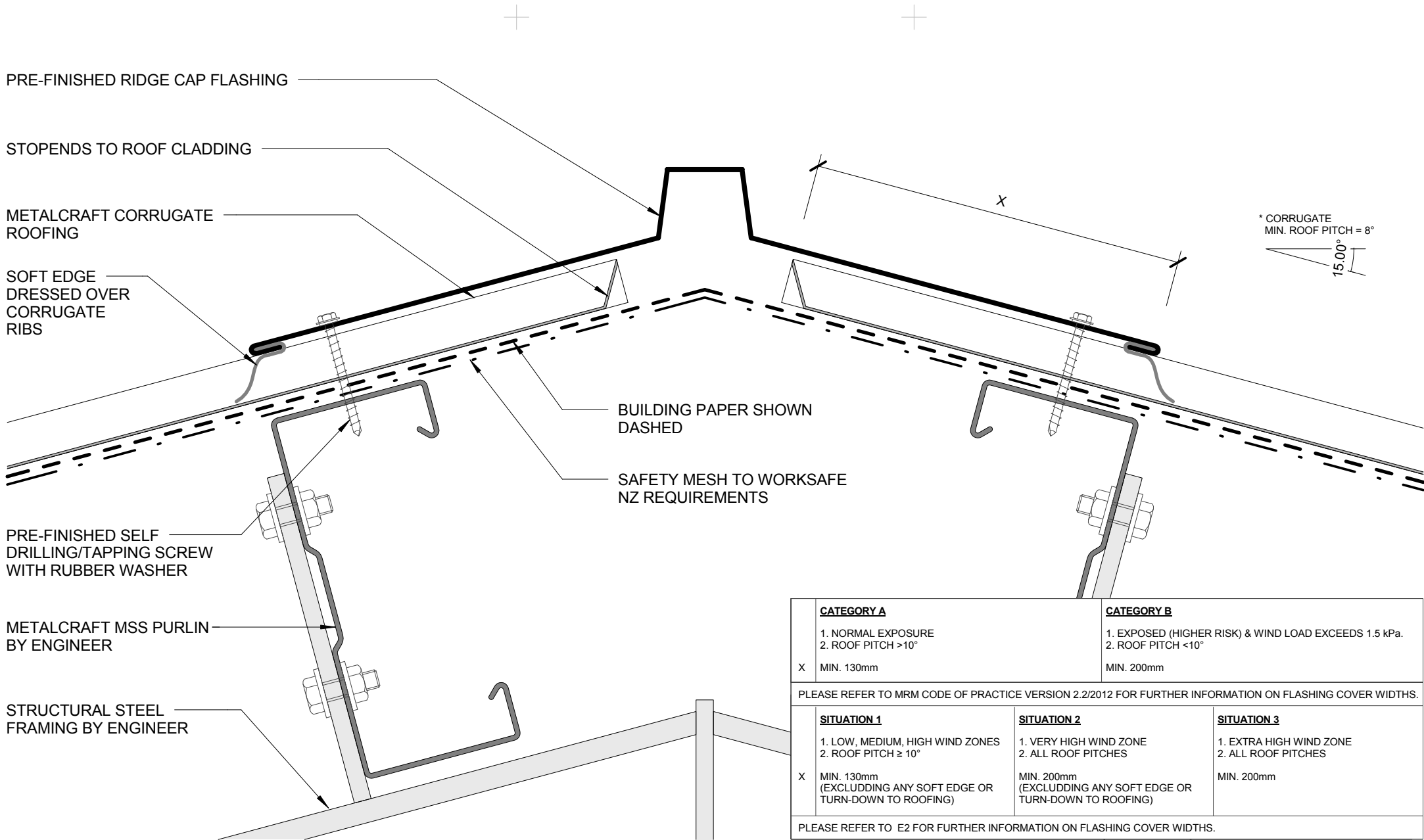
Corrugate

COMMERCIAL ROOFING

DETAIL LIST

00 / 14	COVER SHEET
01 / 14	RIDGE WITH PROFILED APEX
02 / 14	RIDGE WITH NON PROFILED APEX
03 / 14	SAWTOOTH RIDGE
04 / 14	FLUSH EAVE WITH EXTERNAL GUTTER BRACKET
05 / 14	FLUSH EAVE WITH PAN FIXED GUTTER
06 / 14	BARGE WITH OVERHANG
07 / 14	BARGE WITH PROFILED CLADDING
08 / 14	PARAPET WITH TRANSVERSE APRON
09 / 14	TRANSVERSE APRON
10 / 14	PARALLEL APRON
11 / 14	ROOF STEP
12 / 14	TRANSLUCENT SHEETS - LONG
13 / 14	TRANSLUCENT SHEETS - CROSS
14 / 14	3D TRANSLUCENT SHEETS



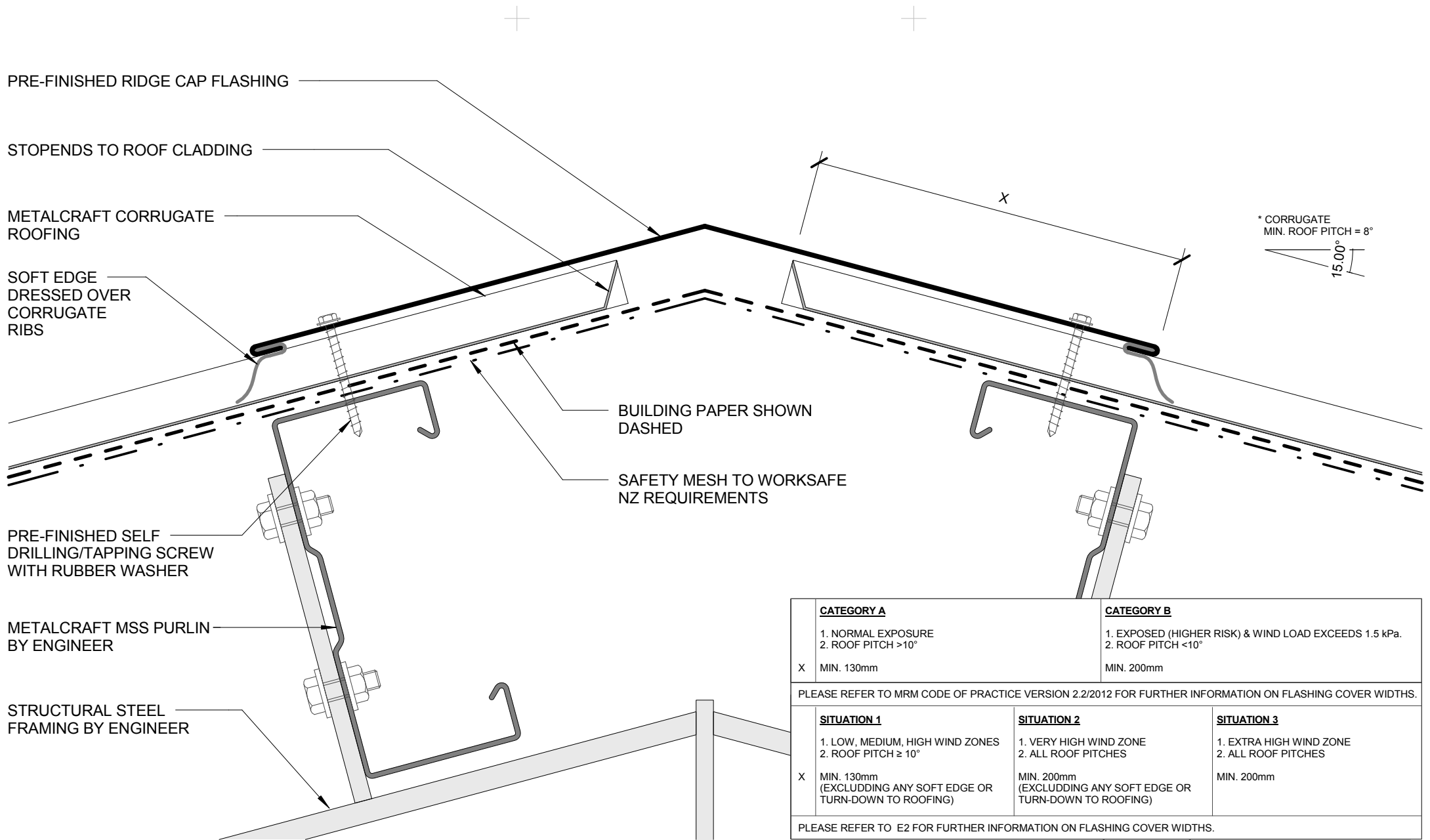


- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

CATEGORY A 1. NORMAL EXPOSURE 2. ROOF PITCH >10° X MIN. 130mm		CATEGORY 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.			
SITUATION 1 1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10° X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)		SITUATION 2 1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	
		SITUATION 3 1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES MIN. 200mm	
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.			

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PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT CORRUGATE ROOFING

SOFT EDGE DRESSED OVER CORRUGATE RIBS

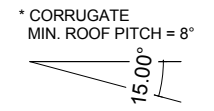
BUILDING PAPER SHOWN DASHED

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

METALCRAFT MSS PURLIN BY ENGINEER

STRUCTURAL STEEL FRAMING BY ENGINEER



<p>CATEGORY A</p> <p>1. NORMAL EXPOSURE 2. ROOF PITCH >10°</p>		<p>CATEGORY B</p> <p>1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°</p>	
<p>X MIN. 130mm</p>		<p>MIN. 200mm</p>	
<p>PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.</p>			
<p>SITUATION 1</p> <p>1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°</p>		<p>SITUATION 2</p> <p>1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES</p>	
<p>X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)</p>		<p>MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)</p>	
<p>SITUATION 3</p> <p>1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES</p>			
<p>MIN. 200mm</p>			
<p>PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.</p>			

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RIDGE WITH NON PROFILED APEX
COMMERCIAL ROOFING

Corrugate

Reference CRCG

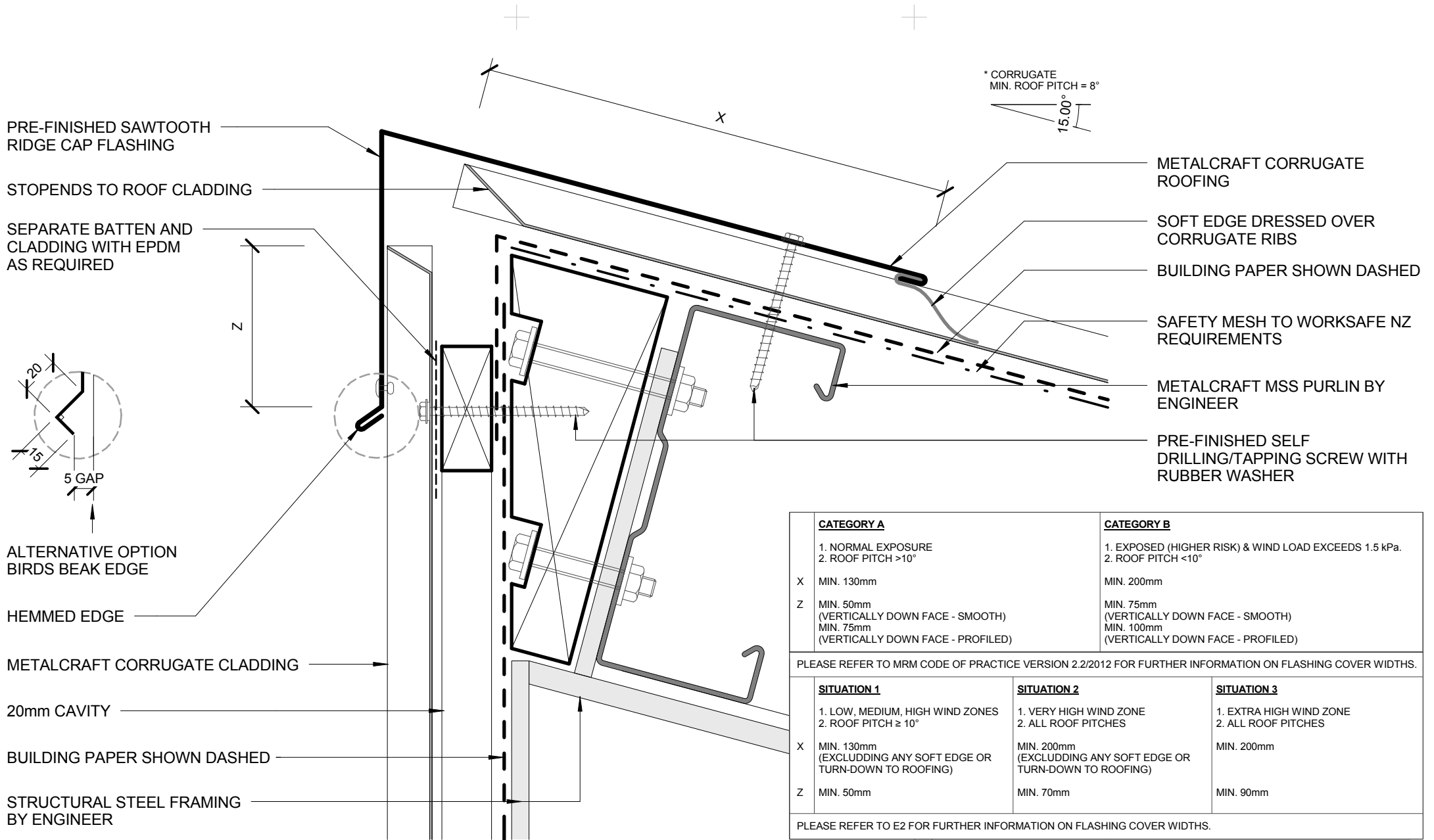
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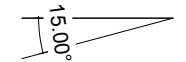


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EAVE FLASHING REQUIRED WHEN
 - ROOF PITCH $\leq 10^\circ$, OR
 - SOFFIT WIDTH $\leq 100\text{mm}$, OR
 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR
 - ENGINEER SPECIFIC DESIGN

* CORRUGATE
 MIN. ROOF PITCH = 8°


METALCRAFT CORRUGATE 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 CORRUGATE CLADDING ON CAVITY

METALCRAFT MSS PURLIN BY ENGINEER

DIMENSION TO SUIT
 SUGGEST MIN. 125mm

MIN. 50mm
 OR AS REQUIRED

MIN. 35mm
 OVERLAP

PACKER

SAFETY MESH TO
 WORKSAFE NZ
 REQUIREMENTS

PRE-FINISHED SELF
 DRILLING/TAPPING SCREW
 WITH RUBBER WASHER

STRUCTURAL STEEL
 FRAMING BY ENGINEER

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FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

Corrugate

COMMERCIAL ROOFING

Reference CRCG

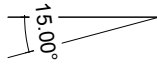
Date 2014

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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

* CORRUGATE
 MIN. ROOF PITCH = 8°


METALCRAFT CORRUGATE 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 CORRUGATE
 CLADDING ON CAVITY

METALCRAFT MSS PURLIN
 BY ENGINEER

MIN. 50mm
 OR AS REQUIRED
 DIMENSION TO SUIT
 SUGGEST MIN. 125mm

MIN 35mm
 OVERLAP

PACKER

SAFETY MESH TO
 WORKSAFE NZ
 REQUIREMENTS

PRE-FINISHED SELF
 DRILLING/TAPPING SCREW
 WITH RUBBER WASHER

STRUCTURAL STEEL
 FRAMING BY ENGINEER

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FLUSH EAVE WITH PAN FIXED GUTTER
 COMMERCIAL ROOFING



Corrugate

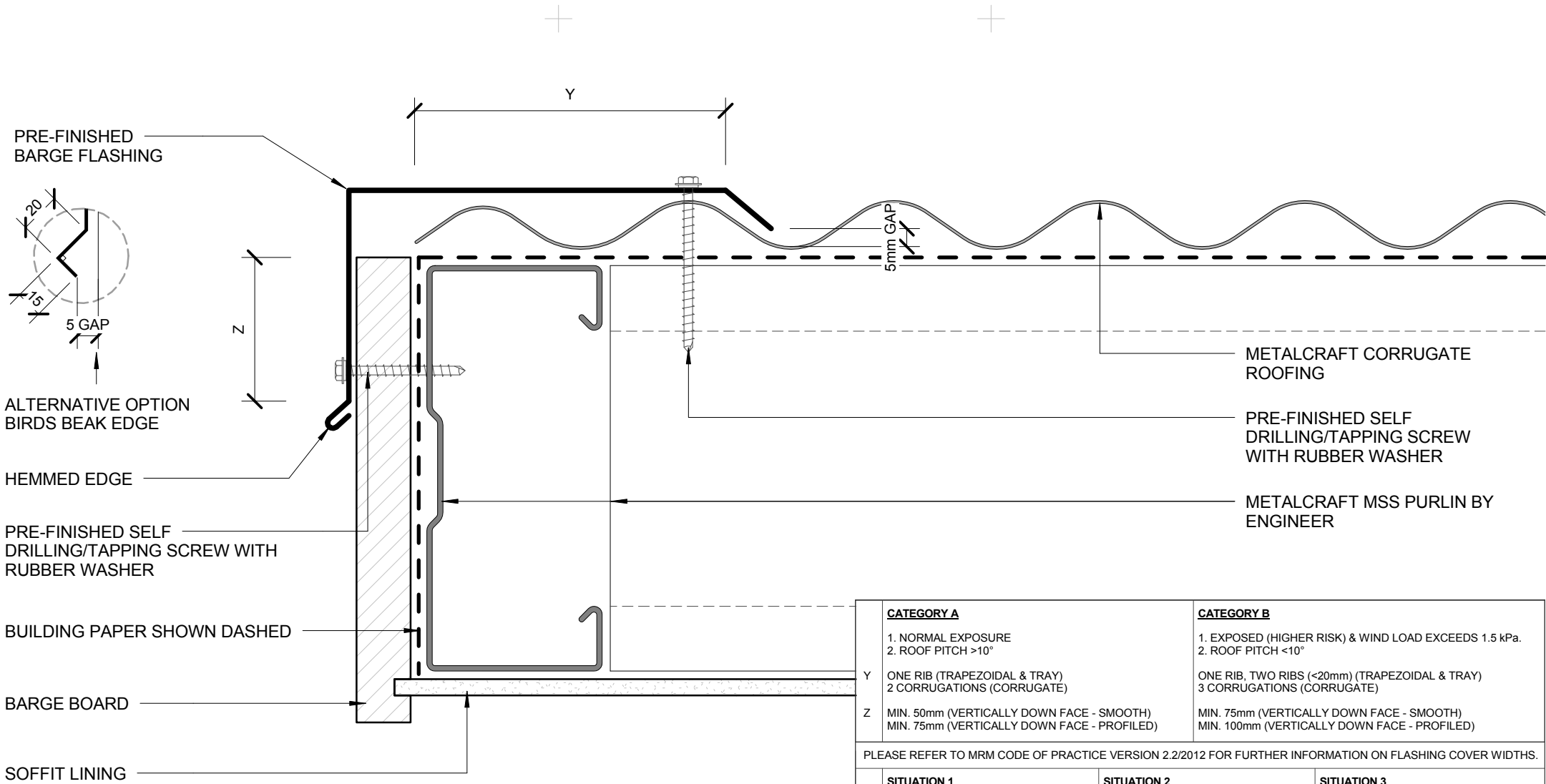
Reference CRCG

Date 2014

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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°
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	
Y	AT LEAST TWO CRESTS	
Z	MIN. 90mm	
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.		

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BARGE WITH OVERHANG

COMMERCIAL ROOFING

Corrugate

Reference CRCG

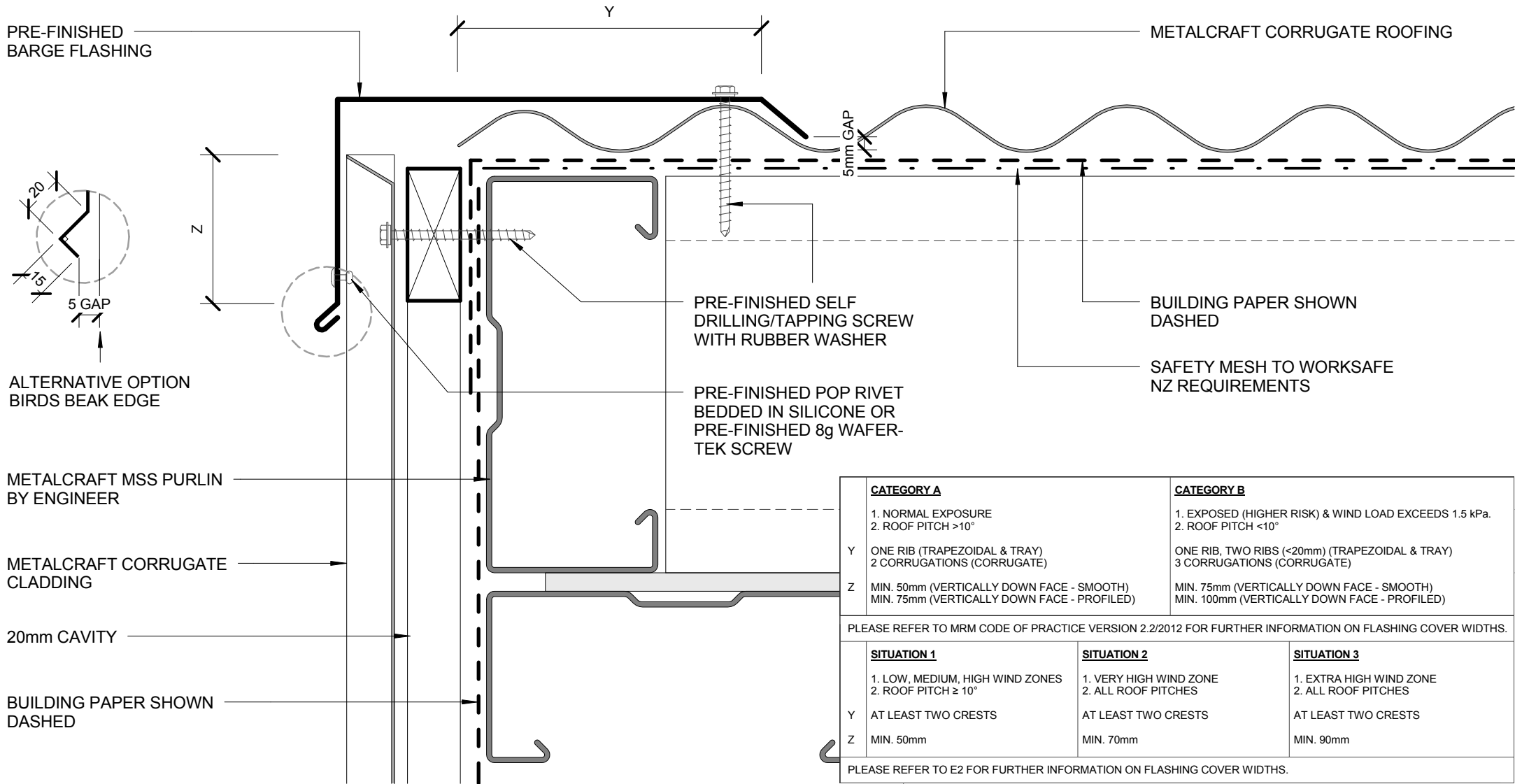
Date 2014

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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°
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	
Y	AT LEAST TWO CRESTS	
Z	MIN. 90mm	
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.		

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BARGE WITH PROFILED CLADDING

COMMERCIAL ROOFING

Corrugate

Reference CRCG

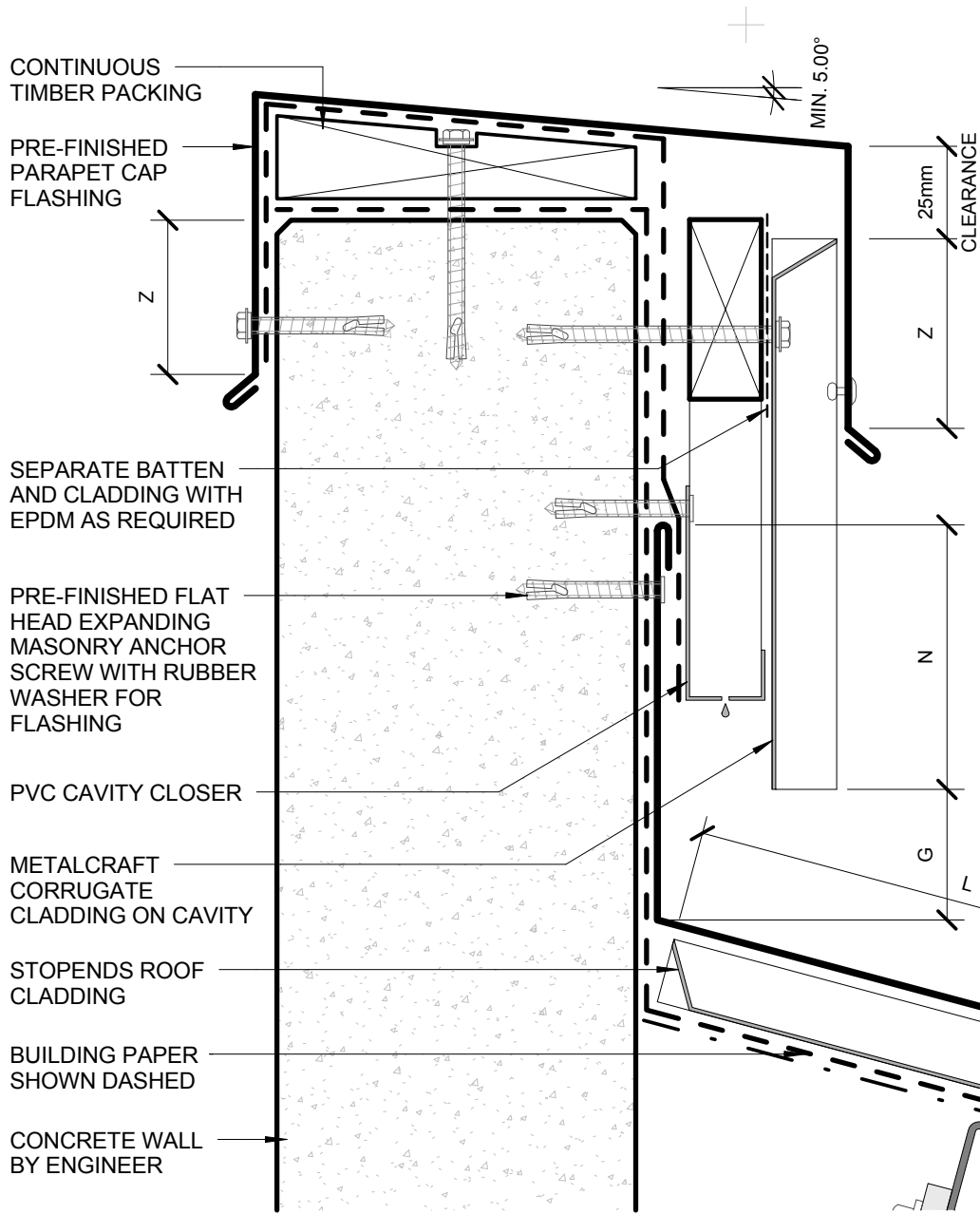
Date 2014

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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_QR 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM_QR 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 75mm + HEM_QR 100mm (VERTICALLY UP FACE - SMOOTH) MIN. 100mm + HEM_QR 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 SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT 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.

* CORRUGATE
MIN. ROOF PITCH = 8°

- PRE-FINISHED APRON FLASHING
- PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER
- SOFT EDGE DRESSED OVER CORRUGATE RIBS
- SAFETY MESH TO WORKSAFE NZ REQUIREMENTS
- METALCRAFT CORRUGATE ROOFING
- METALCRAFT MSS PURLIN BY ENGINEER

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PARAPET WITH TRANSVERSE APRON COMMERCIAL ROOFING

Corrugate

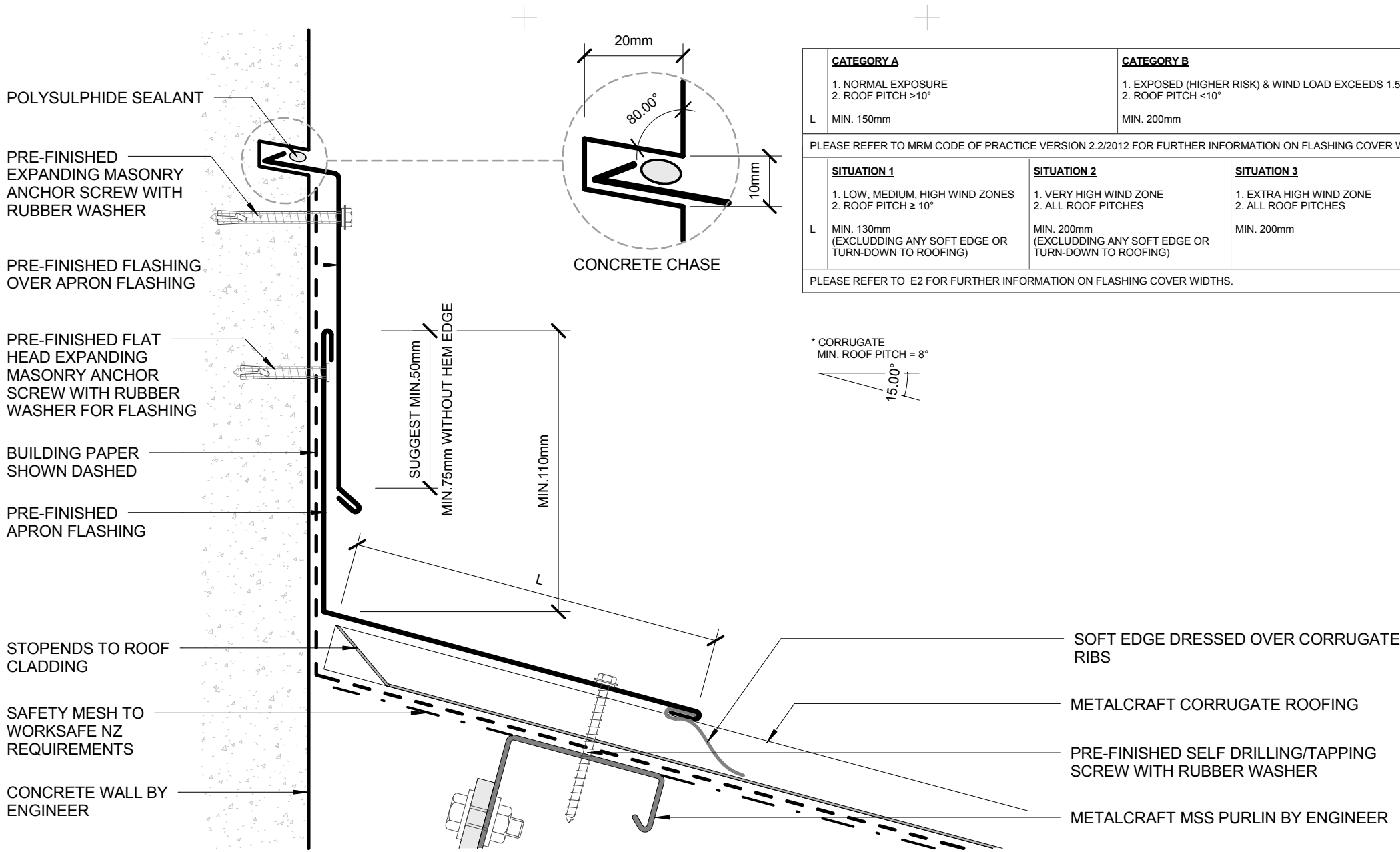
Reference CRCG

Date 2014

Scale 1 : 2

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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°			
L	MIN. 150mm	L	MIN. 200mm		
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	
L	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	L	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	L	MIN. 200mm
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.					

* CORRUGATE
MIN. ROOF PITCH = 8°
15.00°

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Corrugate

TRANSVERSE APRON
COMMERCIAL ROOFING

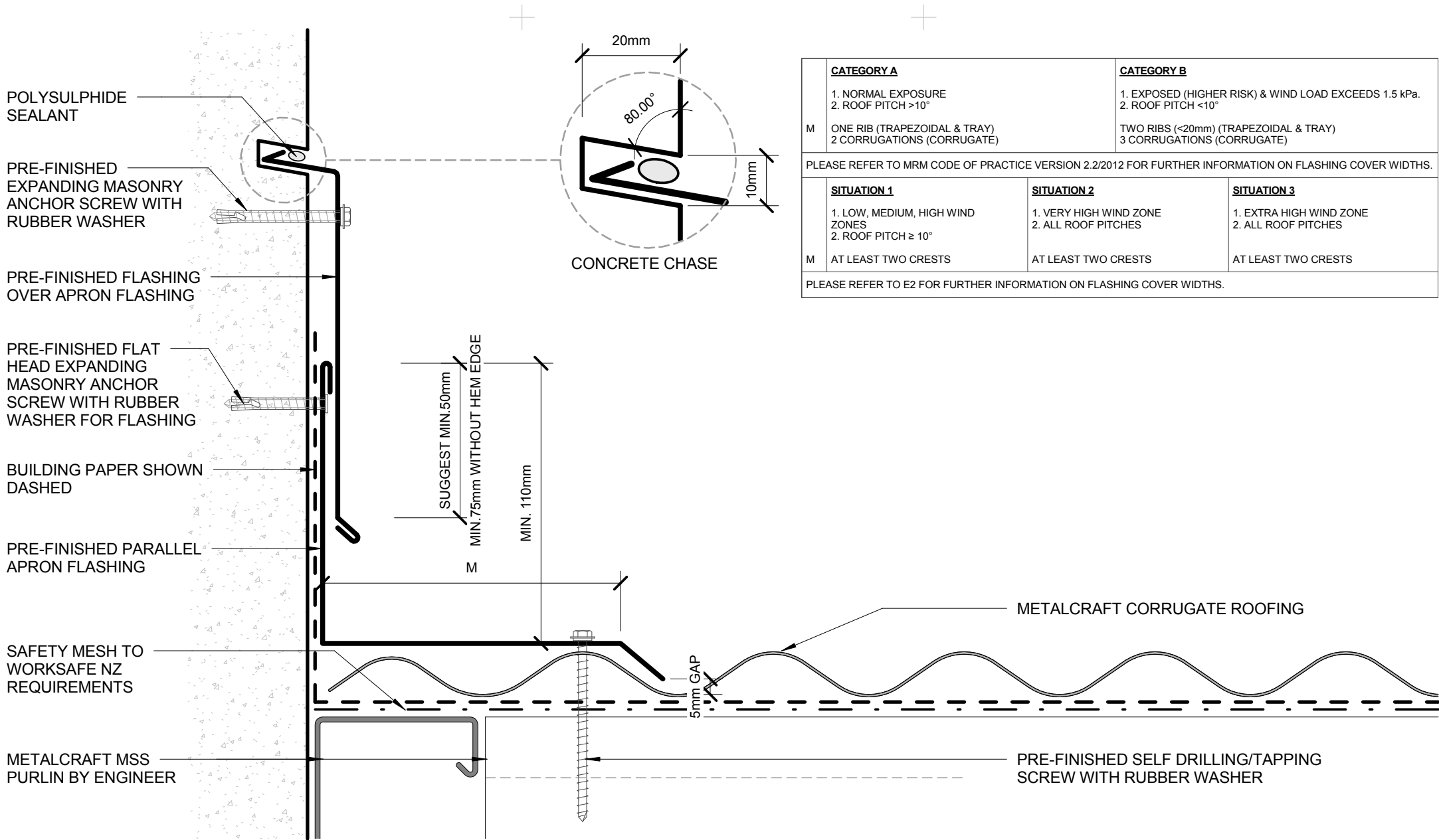
Reference CRCG

Date 2014

Scale 1 : 2

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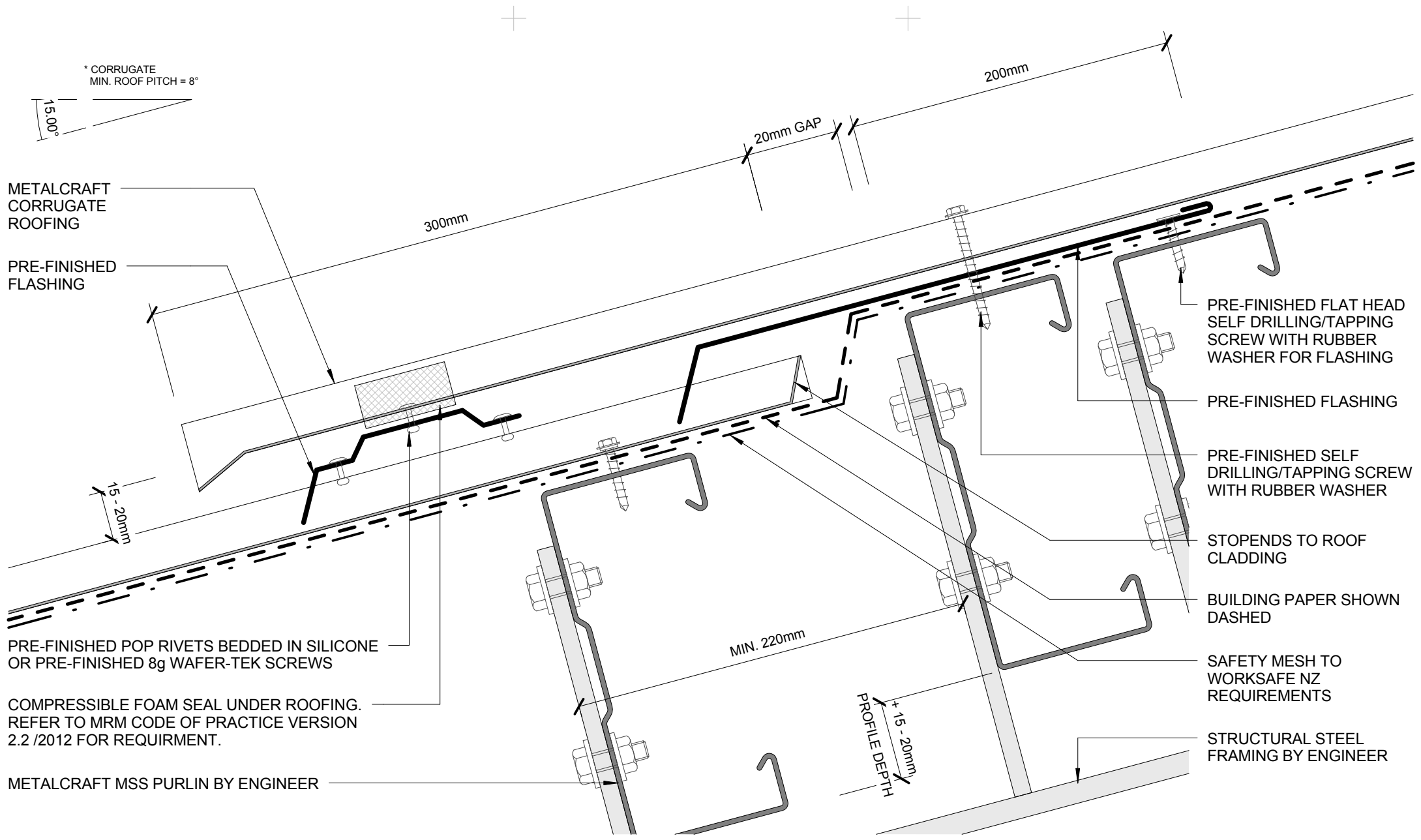
09 / 14



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°	
M	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (CORRUGATE)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)	
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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	
M	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	
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* CORRUGATE
MIN. ROOF PITCH = 8°

METALCRAFT
CORRUGATE
ROOFING

PRE-FINISHED
FLASHING

PRE-FINISHED POP RIVETS BEDDED IN SILICONE
OR PRE-FINISHED 8g WAFER-TEK SCREWS

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

METALCRAFT MSS PURLIN BY ENGINEER

PRE-FINISHED FLAT HEAD
SELF DRILLING/TAPPING
SCREW WITH RUBBER
WASHER FOR FLASHING

PRE-FINISHED FLASHING

PRE-FINISHED SELF
DRILLING/TAPPING SCREW
WITH RUBBER WASHER

STOPENDS TO ROOF
CLADDING

BUILDING PAPER SHOWN
DASHED

SAFETY MESH TO
WORKSAFE NZ
REQUIREMENTS

STRUCTURAL STEEL
FRAMING BY ENGINEER

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ROOF STEP
COMMERCIAL ROOFING



Corrugate

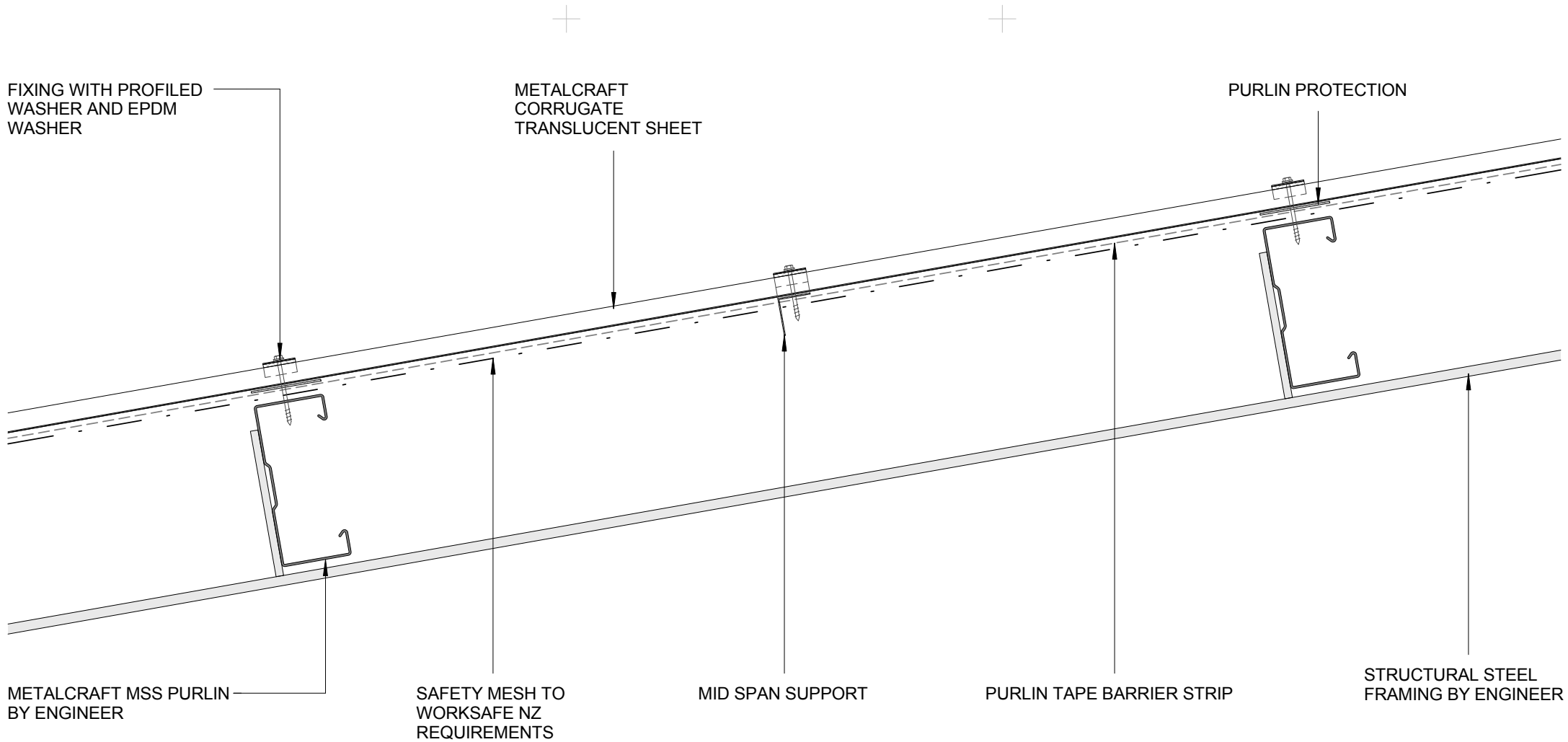
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Scale 1 : 2

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TRANSLUCENT SHEETS - LONG

COMMERCIAL ROOFING

Corrugate

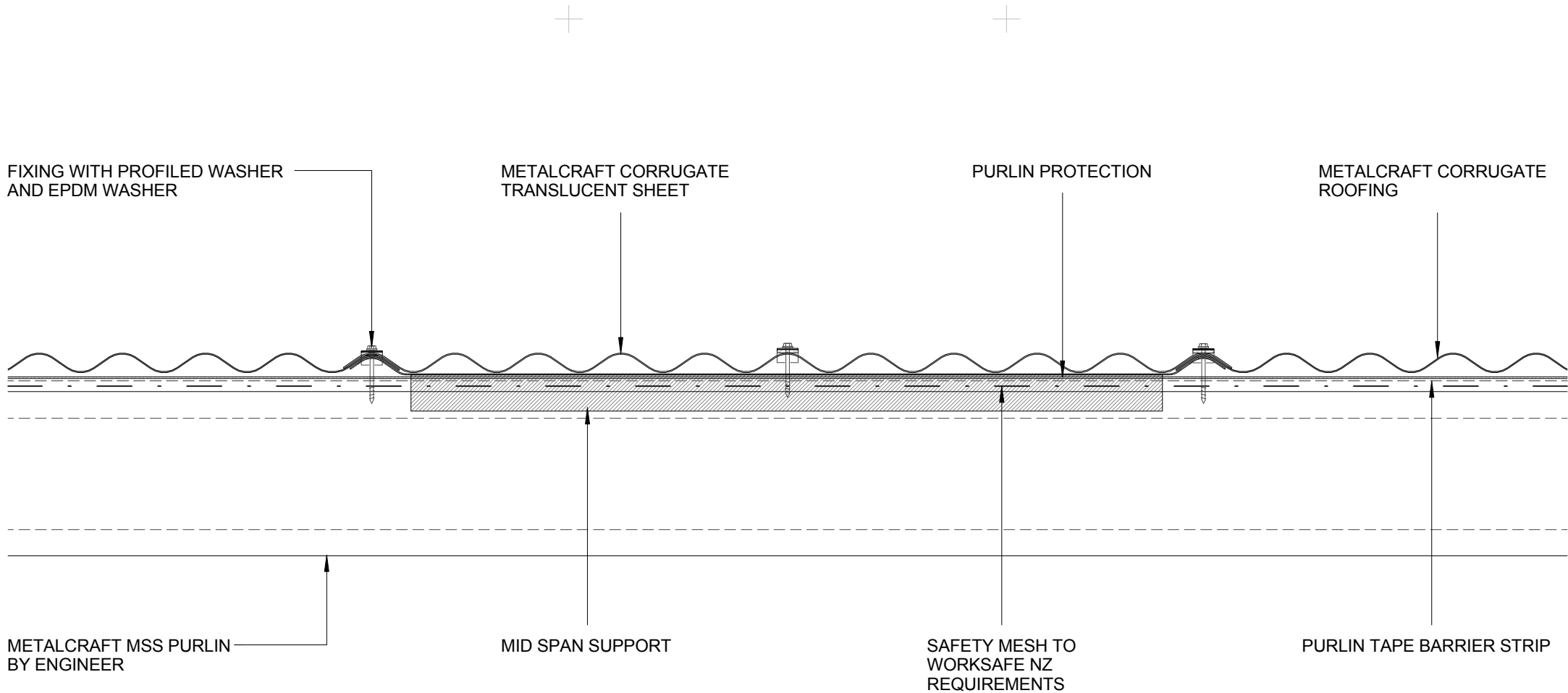
Reference CRCG

Date 2014

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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 2.2 /2012.

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.

TRANSLUCENT SHEETS - CROSS
 COMMERCIAL ROOFING



Corrugate

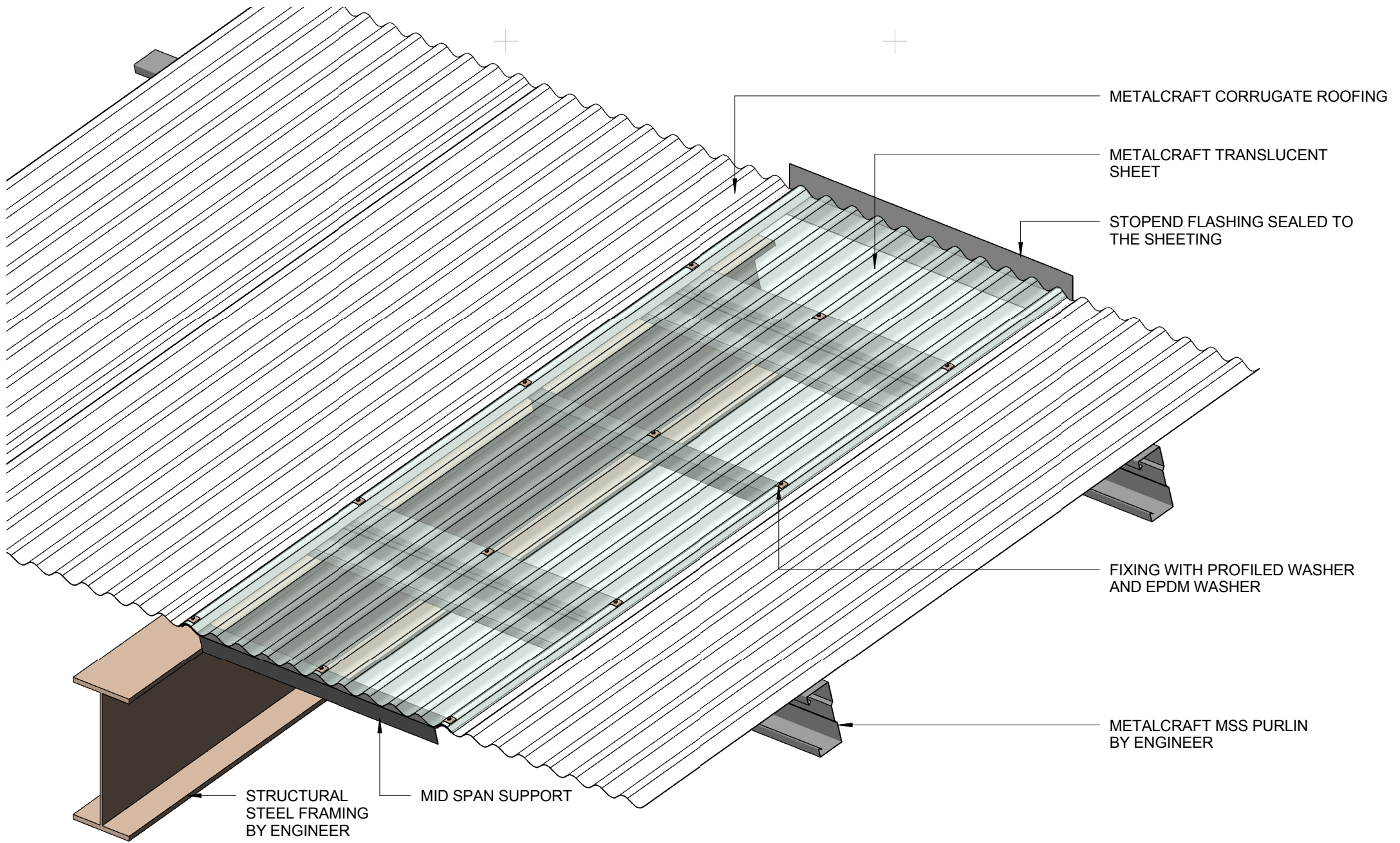
Reference CRCG

Date 2014

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3D TRANSLUCENT SHEETS COMMERCIAL ROOFING

Corrugate

Reference CRCG

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