

Metcom 7

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 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 SECTION
13 / 14	TRANSLUCENT SHEETS - CROSS
14 / 14	3D TRANSLUCENT SHEETS

CRMCM7

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

Architectural / Specification Enquiries

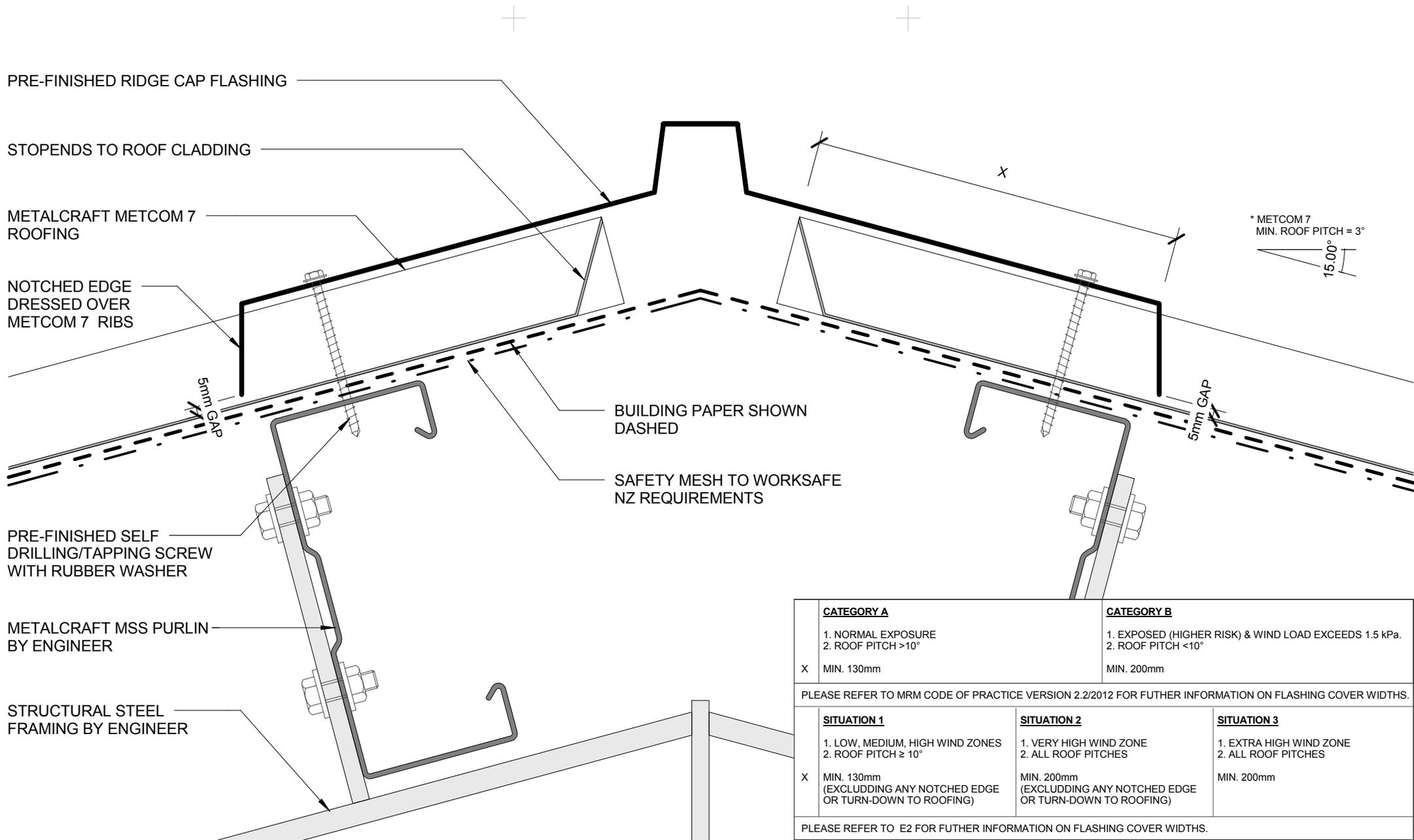
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Metalcraft
Roofing



PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METCOM 7 ROOFING

NOTCHED EDGE DRESSED OVER METCOM 7 RIBS

5mm GAP

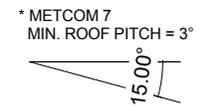
BUILDING PAPER SHOWN DASHED

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>	
X	MIN. 130mm		MIN. 200mm
<p>PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FUTURE 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>SITUATION 3</p> <p>1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES</p>
X	MIN. 130mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
<p>PLEASE REFER TO E2 FOR FUTURE INFORMATION ON FLASHING COVER WIDTHS.</p>			

- 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.

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RIDGE WITH PROFILED APEX
COMMERCIAL ROOFING



Metcom 7

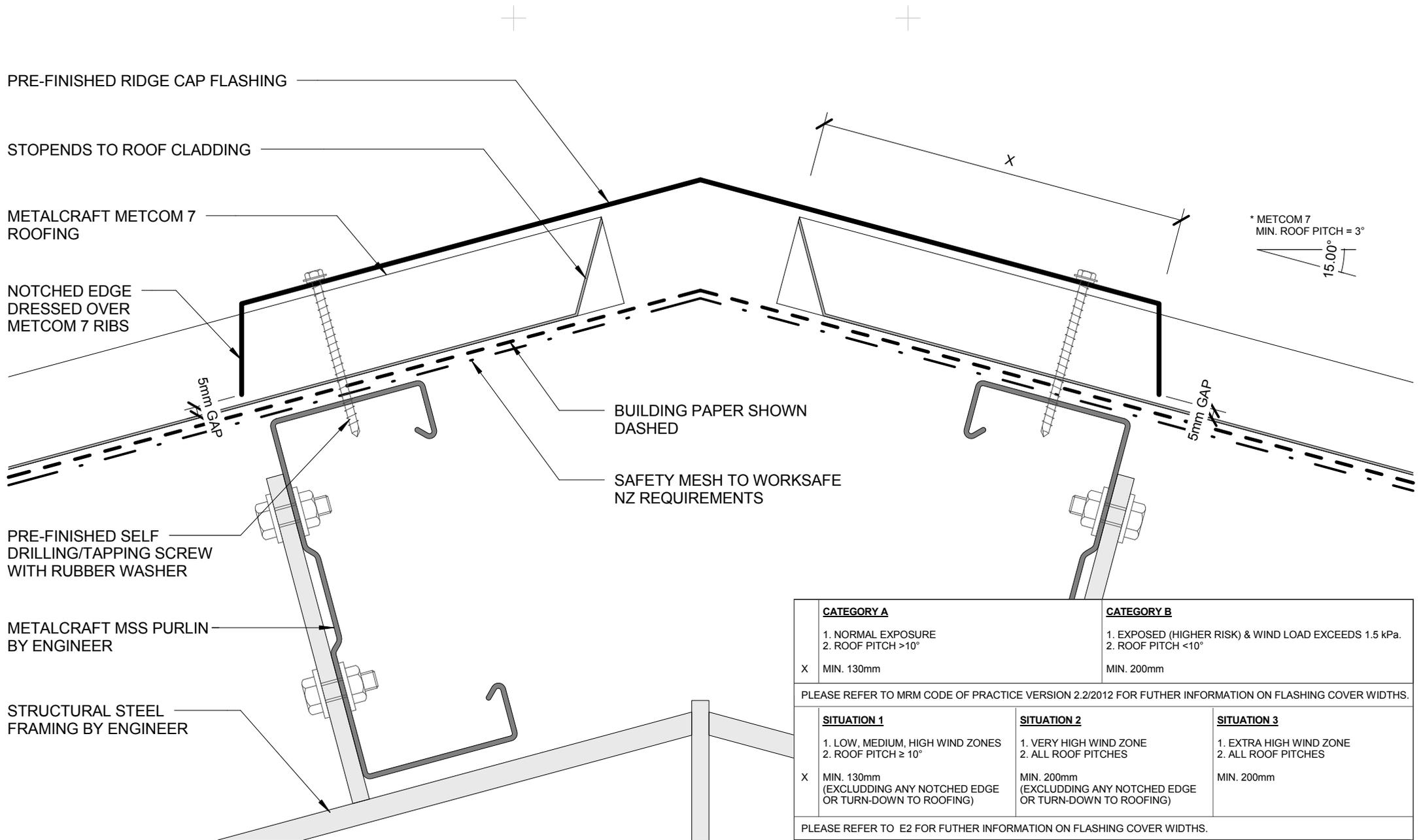
Reference CRMCM7

Date 2014

Scale 1 : 2

Sheet

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PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METCOM 7 ROOFING

NOTCHED EDGE DRESSED OVER METCOM 7 RIBS

5mm GAP

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

* METCOM 7 MIN. ROOF PITCH = 3°
15.00°

<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>	
X	MIN. 130mm		MIN. 200mm
<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>	
X	MIN. 130mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
<p>PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.</p>			

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RIDGE WITH NON PROFILED APEX
COMMERCIAL ROOFING

Metcom 7

Reference CRMCM7

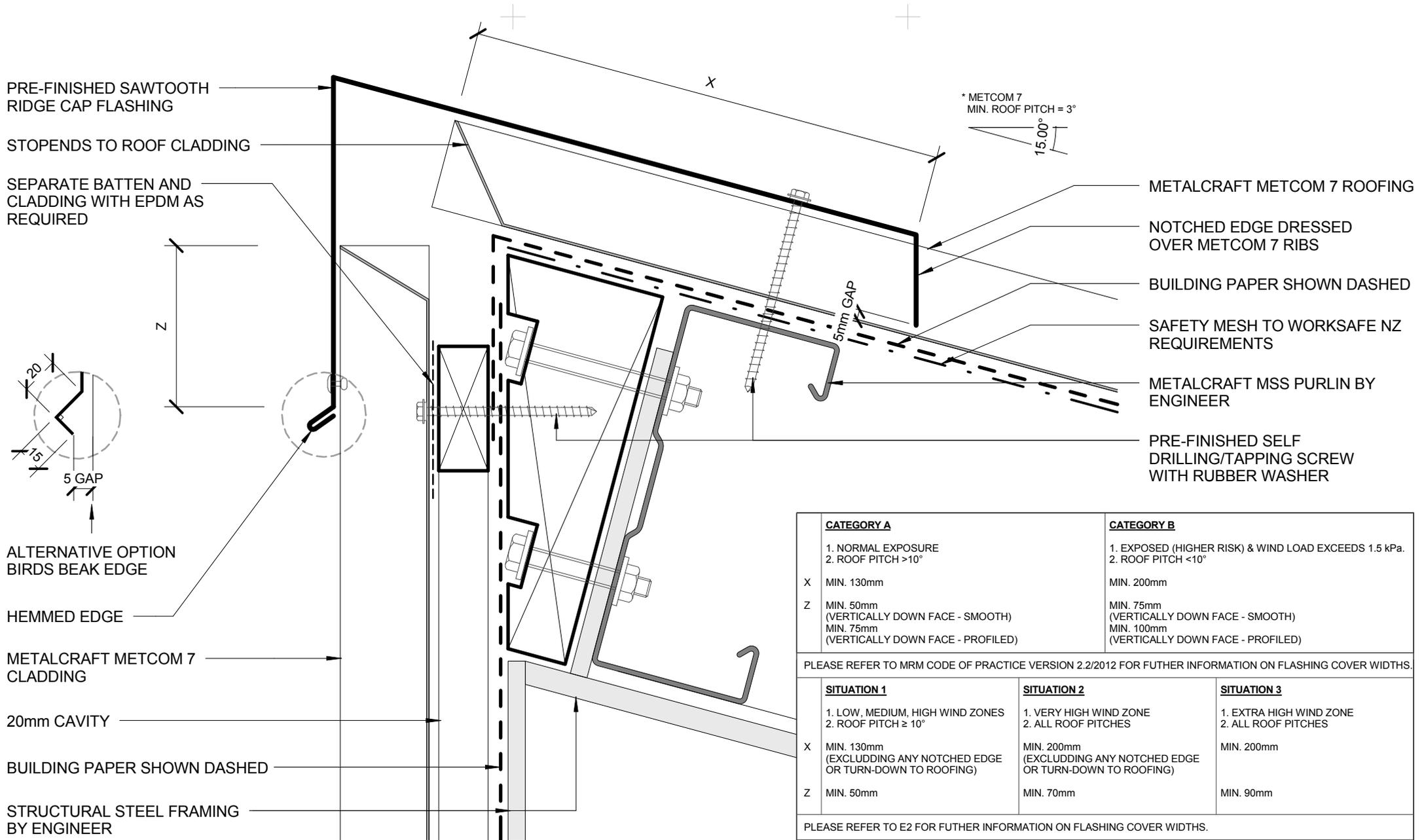
Date 2014

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PRE-FINISHED SAWTOOTH RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

SEPARATE BATTEN AND CLADDING WITH EPDM AS REQUIRED

ALTERNATIVE OPTION BIRDS BEAK EDGE

HEMMED EDGE

METALCRAFT METCOM 7 CLADDING

20mm CAVITY

BUILDING PAPER SHOWN DASHED

STRUCTURAL STEEL FRAMING BY ENGINEER

* METCOM 7
MIN. ROOF PITCH = 3°

15.00°

METALCRAFT METCOM 7 ROOFING

NOTCHED EDGE DRESSED OVER METCOM 7 RIBS

BUILDING PAPER SHOWN DASHED

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT MSS PURLIN BY ENGINEER

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

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°			
X	MIN. 130mm	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 FUTURE 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	
X	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 FUTURE INFORMATION ON FLASHING COVER WIDTHS.					

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SAWTOOTH RIDGE
COMMERCIAL ROOFING

Reference CRMCM7

Date 2014

Scale 1 : 2

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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

* METCOM 7
 MIN. ROOF PITCH = 3°

DIMENSION TO SUIT
 SUGGEST MIN. 125mm

METALCRAFT METCOM 7
 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 METCOM 7 CLADDING ON
 CAVITY

METALCRAFT MSS PURLIN BY ENGINEER

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

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COMMERCIAL ROOFING



Reference CRMCM7

Date 2014

Scale 1 : 2

Sheet

04 / 14

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

* METCOM 7
 MIN. ROOF PITCH = 3°



METALCRAFT METCOM 7
 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 METCOM 7
 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

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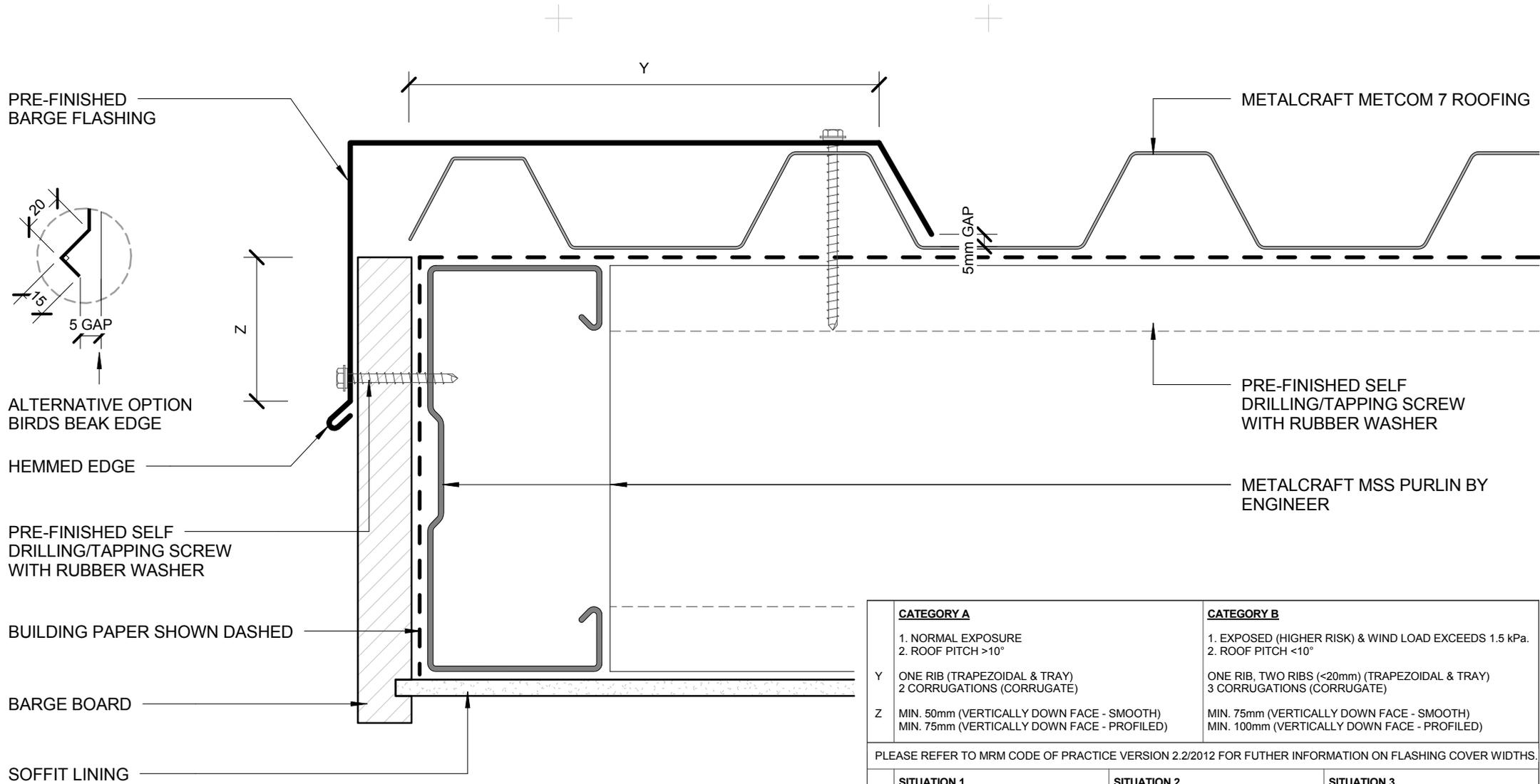
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Date 2014

Scale 1 : 2

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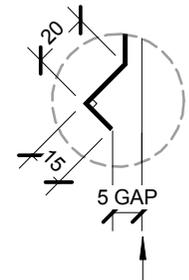


	CATEGORY A	CATEGORY B	
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°	
Y	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (CORRUGATE)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)	
Z	MIN. 50mm (VERTICALLY DOWN FACE - 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 FUTURE 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
Y	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm
PLEASE REFER TO E2 FOR FUTURE INFORMATION ON FLASHING COVER WIDTHS.			

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



ALTERNATIVE OPTION BIRDS BEAK EDGE

METALCRAFT MSS PURLIN BY ENGINEER

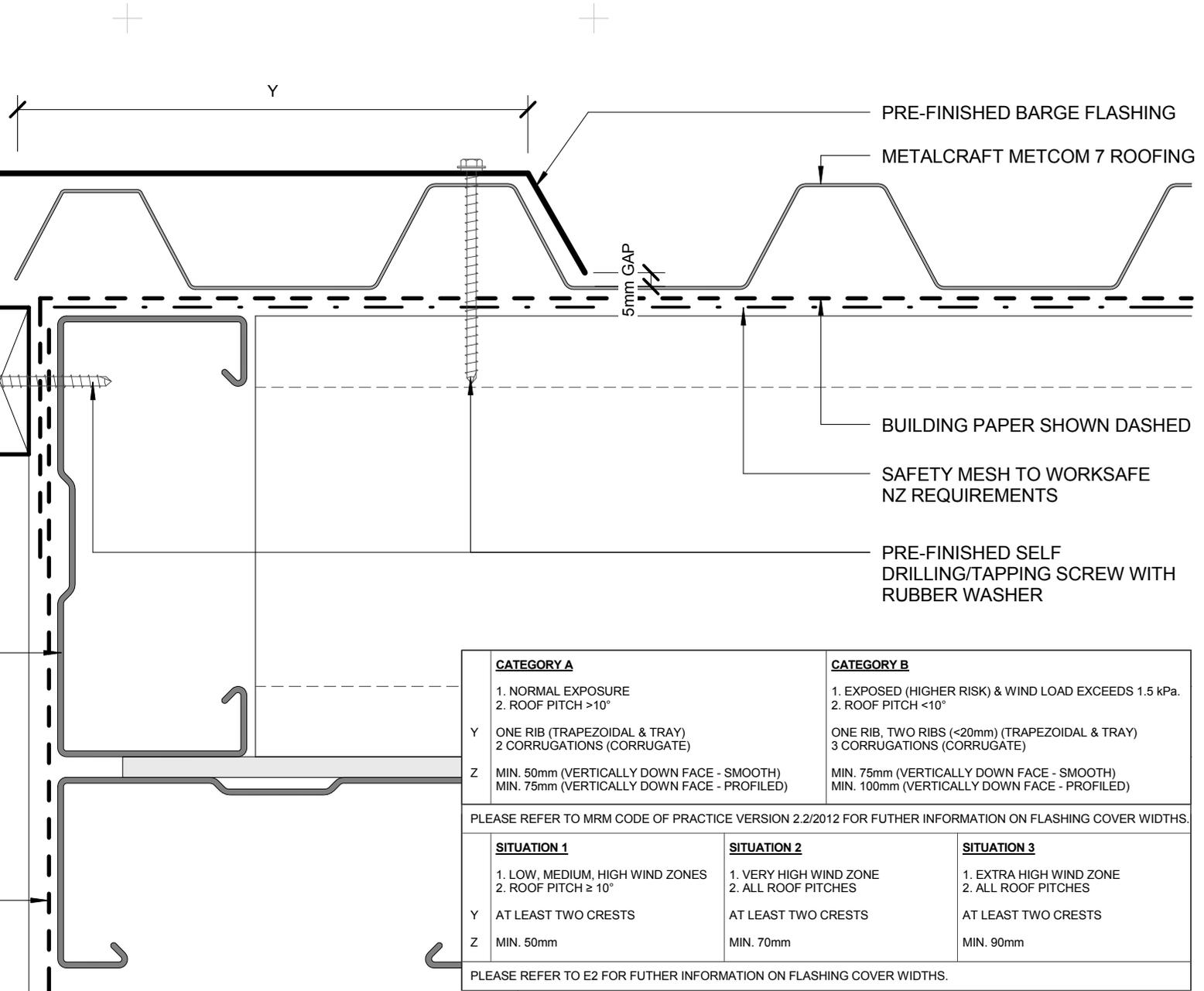
METALCRAFT METCOM 7 CLADDING

20mm CAVITY

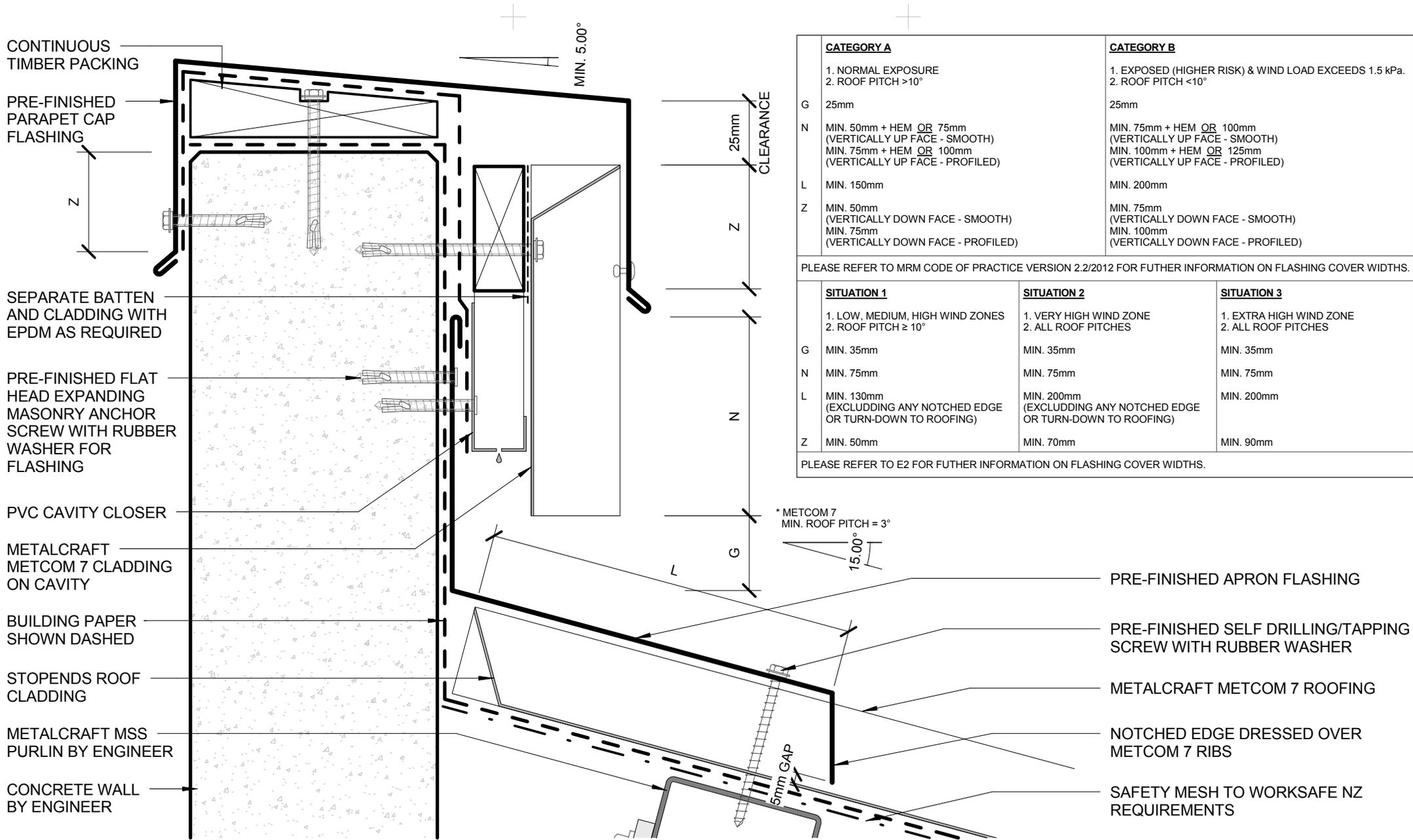
BUILDING PAPER SHOWN DASHED

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<u>CATEGORY A</u>		<u>CATEGORY B</u>
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.		
<u>SITUATION 1</u>	<u>SITUATION 2</u>	<u>SITUATION 3</u>
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
Y AT LEAST TWO CRESTS	Y AT LEAST TWO CRESTS	Y AT LEAST TWO CRESTS
Z MIN. 50mm	Z MIN. 70mm	Z MIN. 90mm
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.		



	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.

* METCOM 7
MIN. ROOF PITCH = 3°

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PARAPET WITH TRANSVERSE APRON
COMMERCIAL ROOFING



Metcom 7

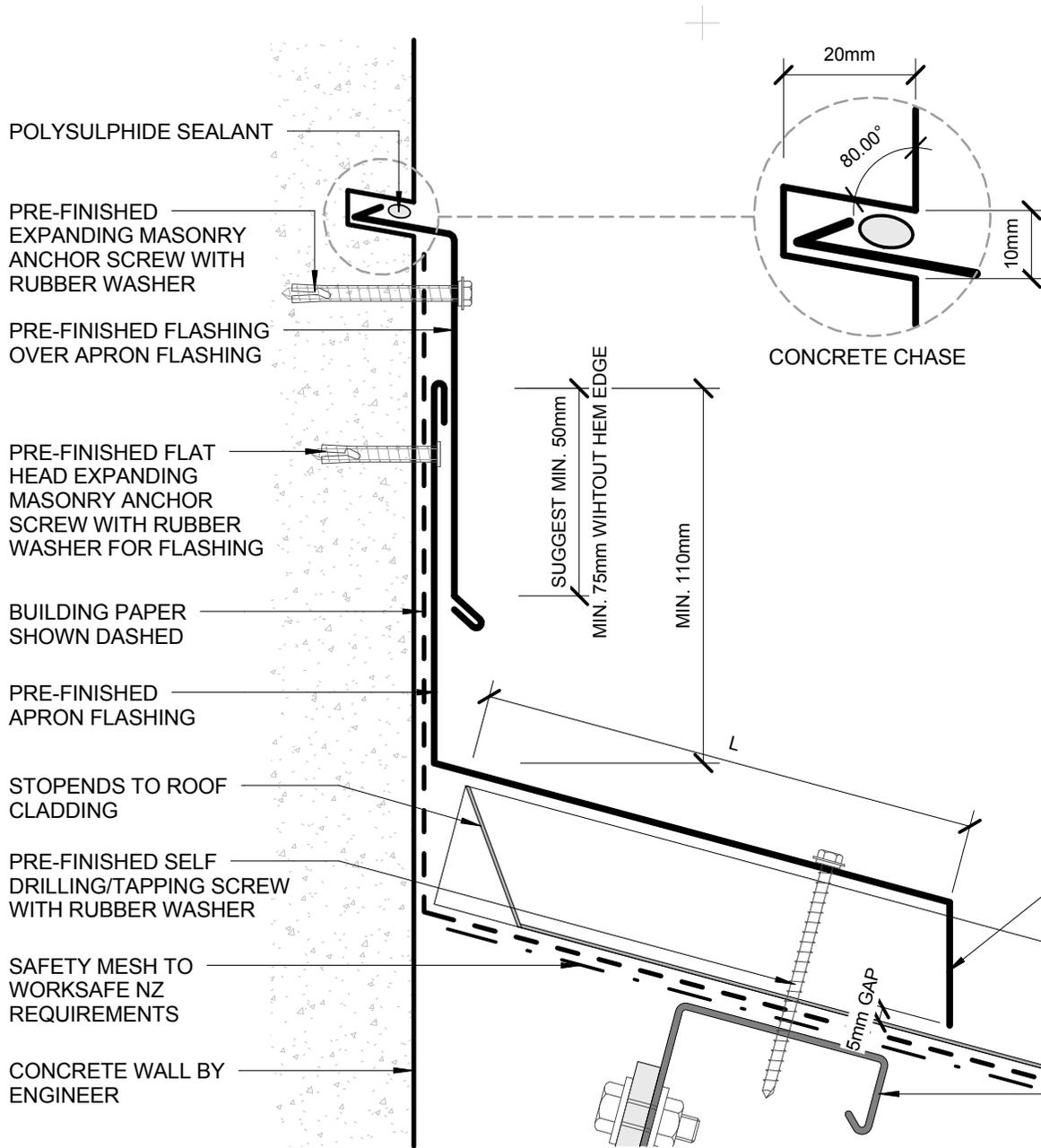
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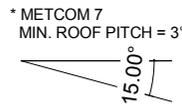
Scale 1 : 2

Sheet

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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	MIN. 200mm	
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FUTHER 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 (EXCLUDDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
PLEASE REFER TO E2 FOR FUTHER INFORMATION ON FLASHING COVER WIDTHS.			

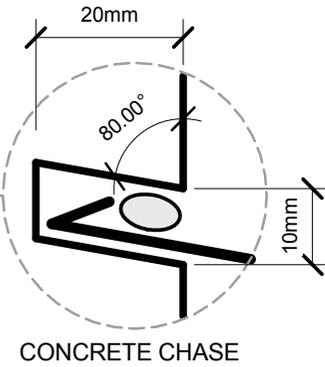
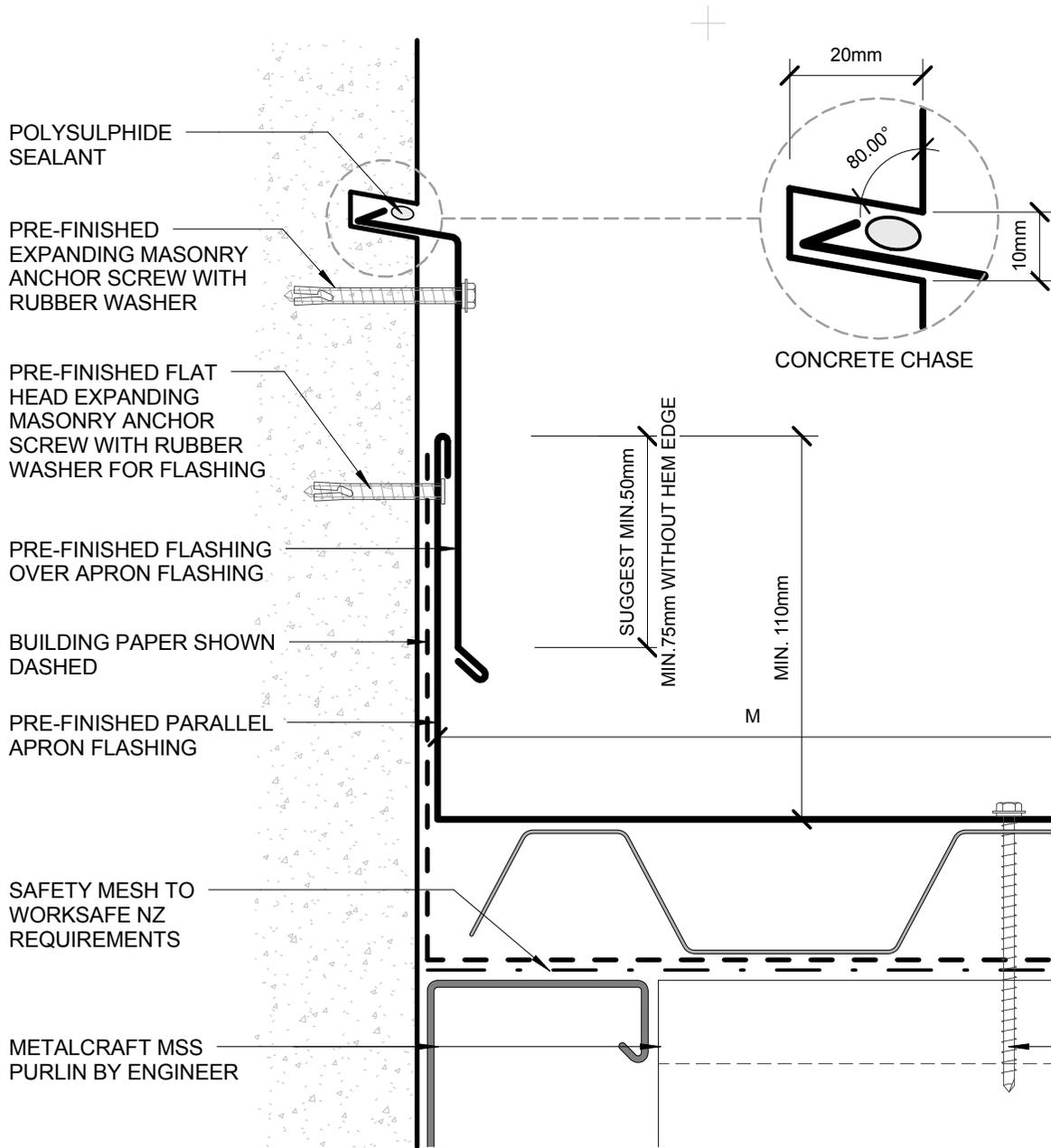


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TRANSVERSE APRON COMMERCIAL ROOFING



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°
M	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (CORRUGATE)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)
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
M	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.		

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PARALLEL APRON
COMMERCIAL ROOFING

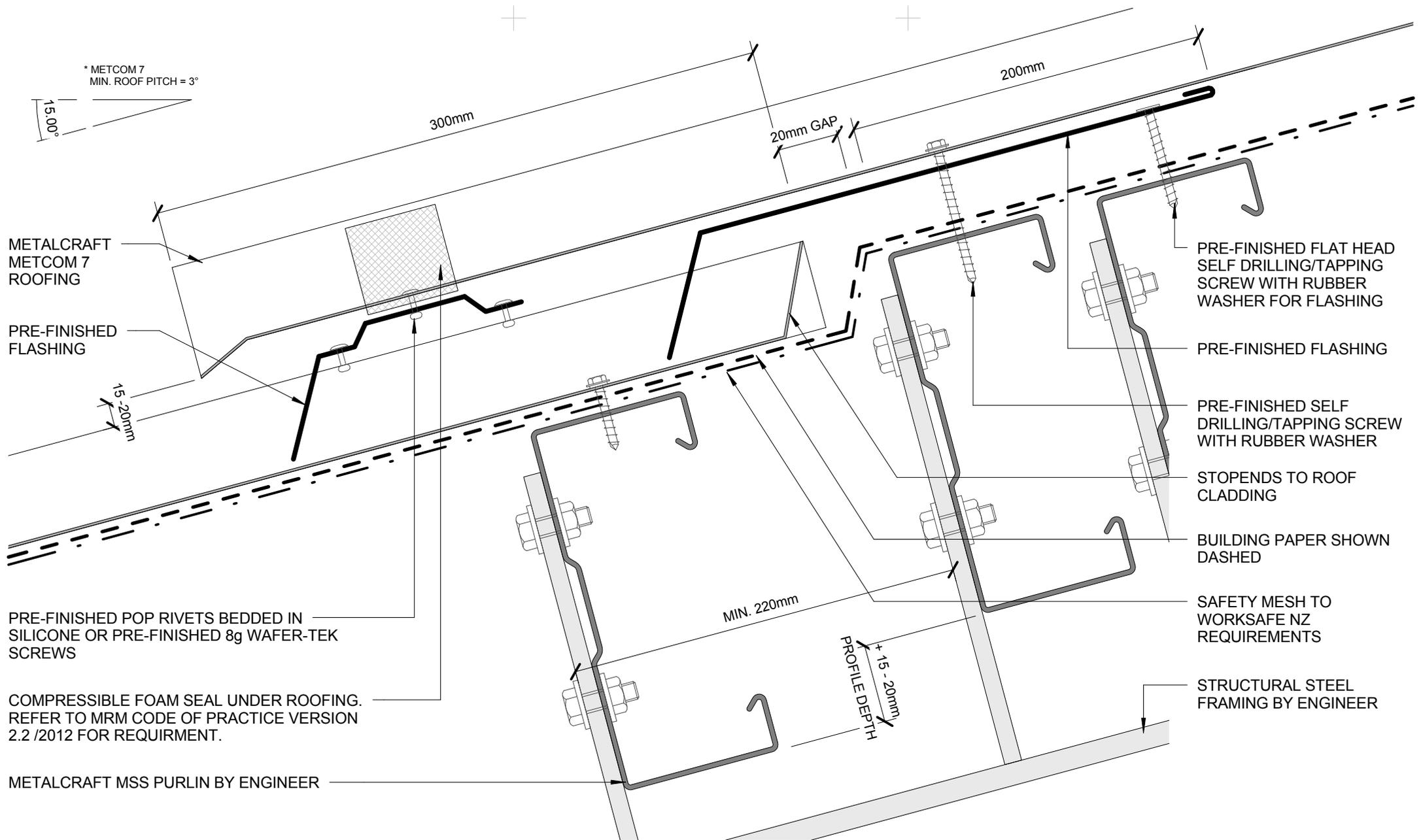
Reference CRMCM7

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* METCOM 7
MIN. ROOF PITCH = 3°

METALCRAFT
METCOM 7
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 REQUIRMENT.

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

- 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.

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.

Metcom 7

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ROOF STEP
COMMERCIAL ROOFING

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FIXING WITH PROFILED
WASHER AND EPDM
WASHER

METALCRAFT METCOM 7
TRANSLUCENT SHEET

PURLIN PROTECTION

METALCRAFT MSS PURLIN
BY ENGINEER

SAFETY MESH TO
WORKSAFE NZ
REQUIREMENTS

MID SPAN SUPPORT

PURLIN TAPE BARRIER STRIP

STRUCTURAL STEEL
FRAMING BY ENGINEER

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TRANSLUCENT SHEETS - LONG SECTION

COMMERCIAL ROOFING

Metcom 7

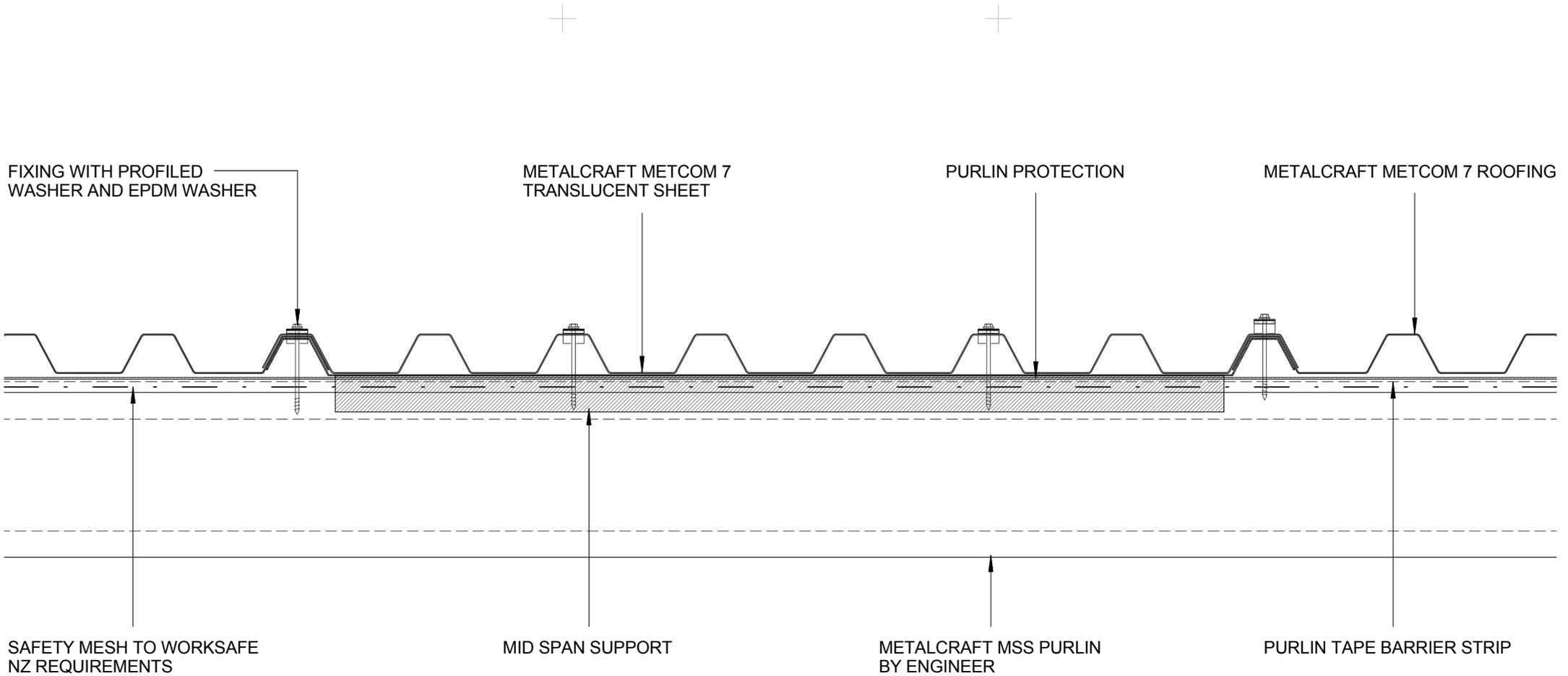
Reference CRMCM7

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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.

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TRANSLUCENT SHEETS - CROSS

COMMERCIAL ROOFING

Metcom 7

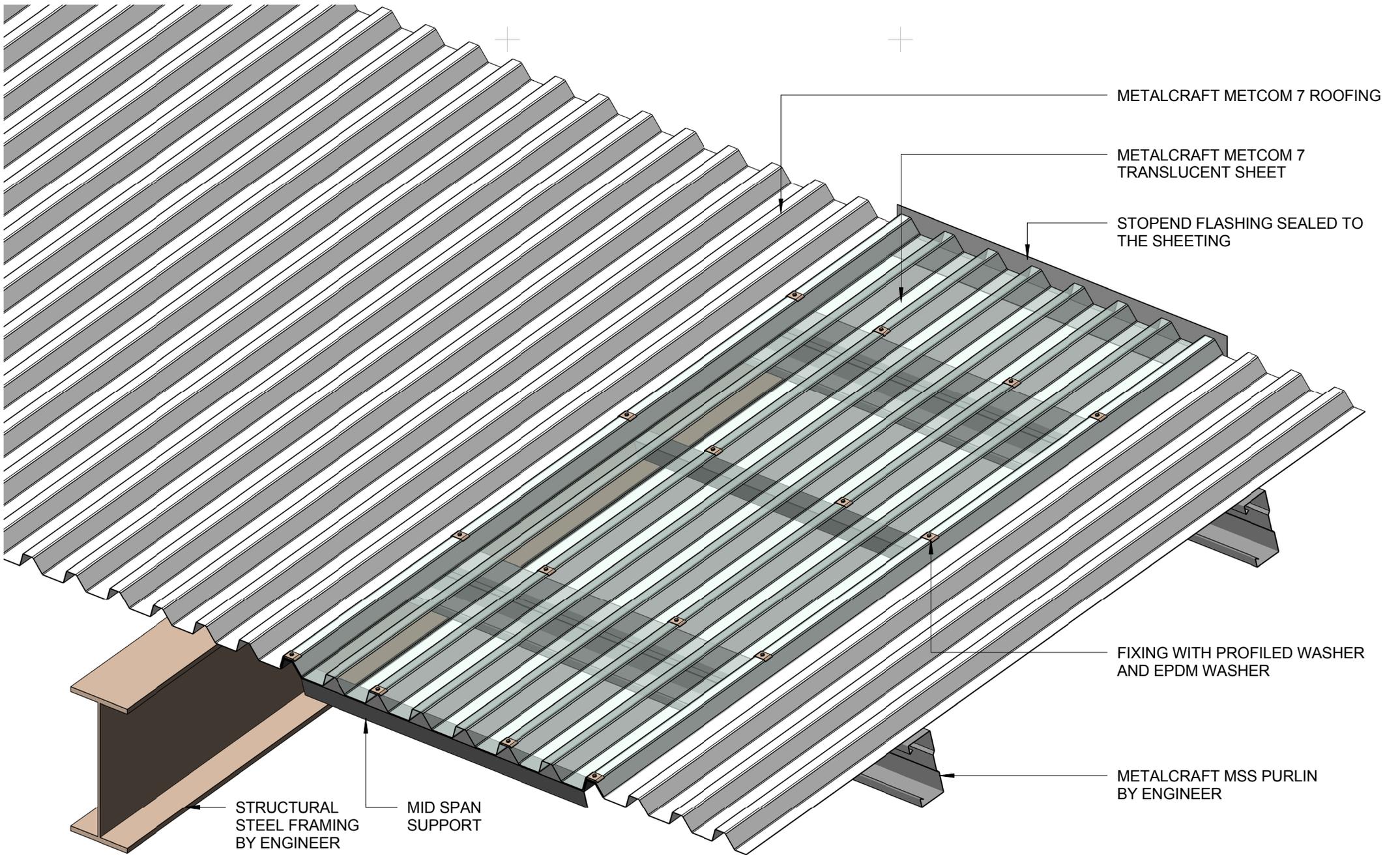
Reference CRMCM7

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METALCRAFT METCOM 7 ROOFING

METALCRAFT METCOM 7
TRANSLUCENT SHEET

STOPEND FLASHING SEALED TO
THE SHEETING

FIXING WITH PROFILED WASHER
AND EPDM WASHER

METALCRAFT MSS PURLIN
BY ENGINEER

STRUCTURAL
STEEL FRAMING
BY ENGINEER

MID SPAN
SUPPORT

3D TRANSLUCENT SHEETS COMMERCIAL ROOFING

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Metcom 7

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