

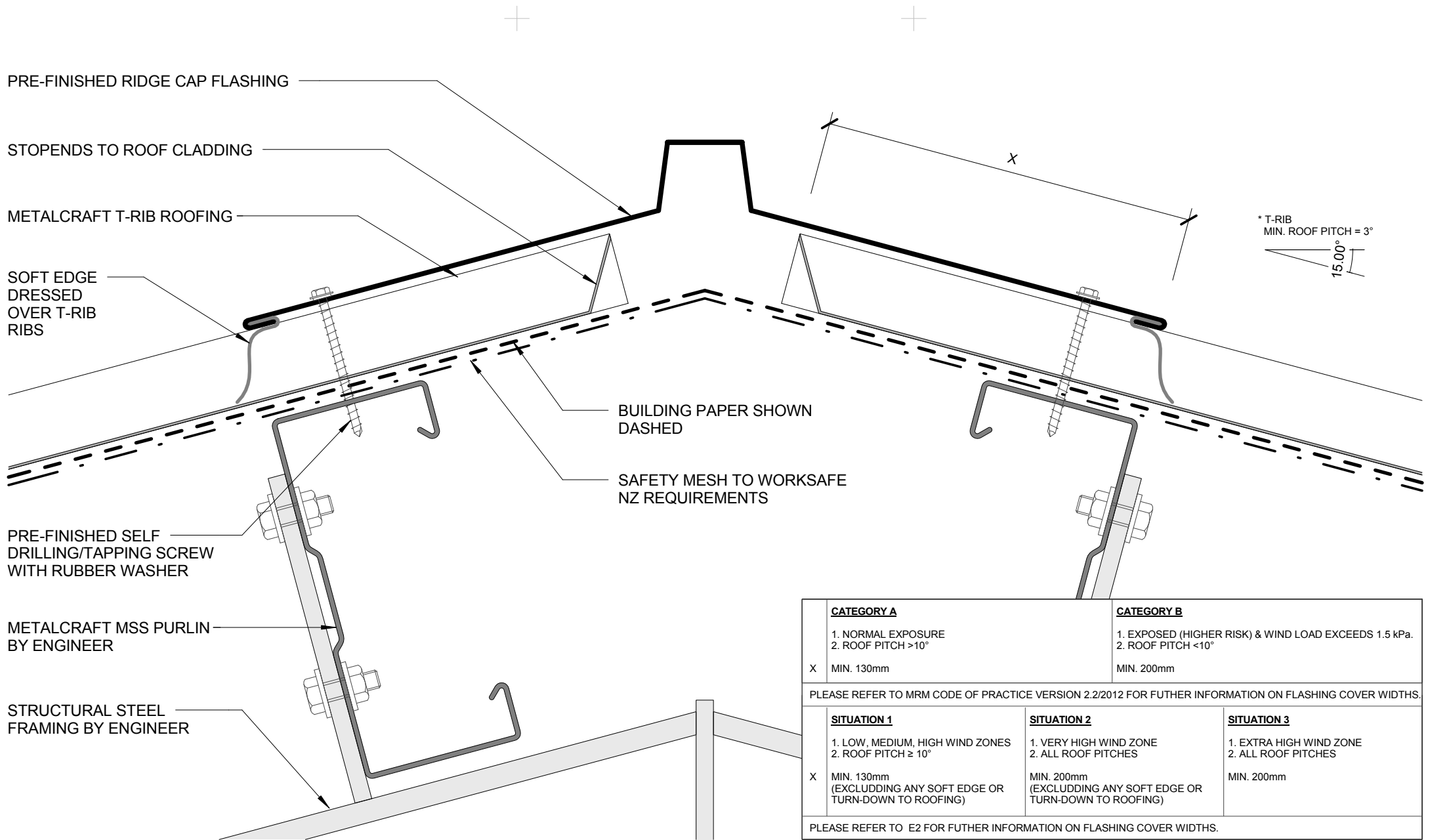
# T-Rib

## 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





\* T-RIB  
MIN. ROOF PITCH = 3°  
15.00°

PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT T-RIB ROOFING

SOFT EDGE  
DRESSED  
OVER T-RIB  
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

<b>CATEGORY A</b>		<b>CATEGORY B</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
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FUTHER INFORMATION ON FLASHING COVER WIDTHS.			
<b>SITUATION 1</b>		<b>SITUATION 2</b>	<b>SITUATION 3</b>
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 (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
PLEASE REFER TO E2 FOR FUTHER INFORMATION ON FLASHING COVER WIDTHS.			

- 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

T-Rib

Reference CRTRI

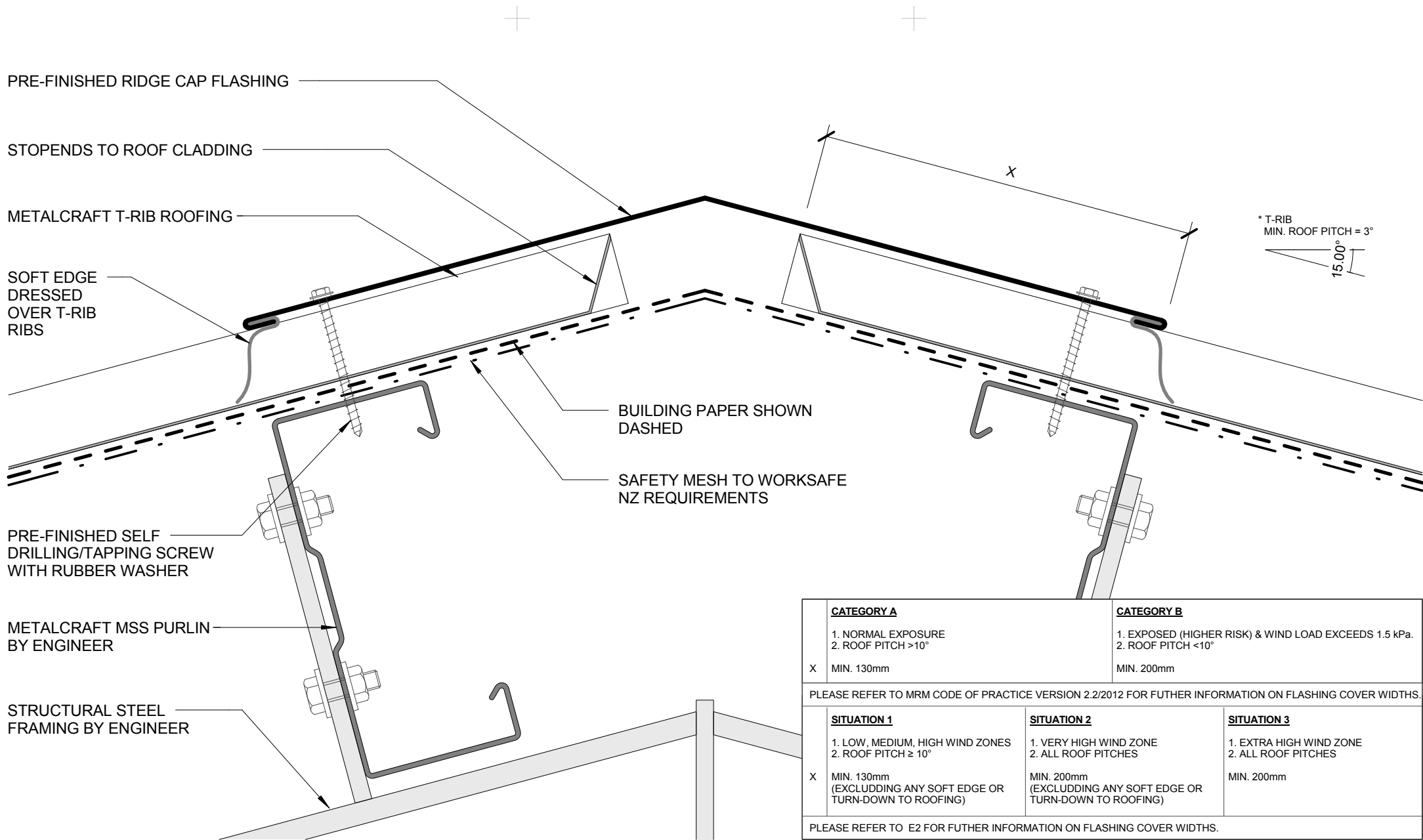
Date 2014

Scale 1 : 2

Sheet

**01 / 14**





PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT T-RIB ROOFING

SOFT EDGE DRESSED OVER T-RIB RIBS

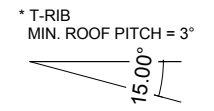
BUILDING PAPER SHOWN DASHED

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



<b>CATEGORY A</b>		<b>CATEGORY B</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
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FUTHER INFORMATION ON FLASHING COVER WIDTHS.			
<b>SITUATION 1</b>		<b>SITUATION 2</b>	<b>SITUATION 3</b>
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 (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
PLEASE REFER TO E2 FOR FUTHER INFORMATION ON FLASHING COVER WIDTHS.			

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RIDGE WITH NON PROFILED APEX  
COMMERCIAL ROOFING

T-Rib

Reference CRTRI

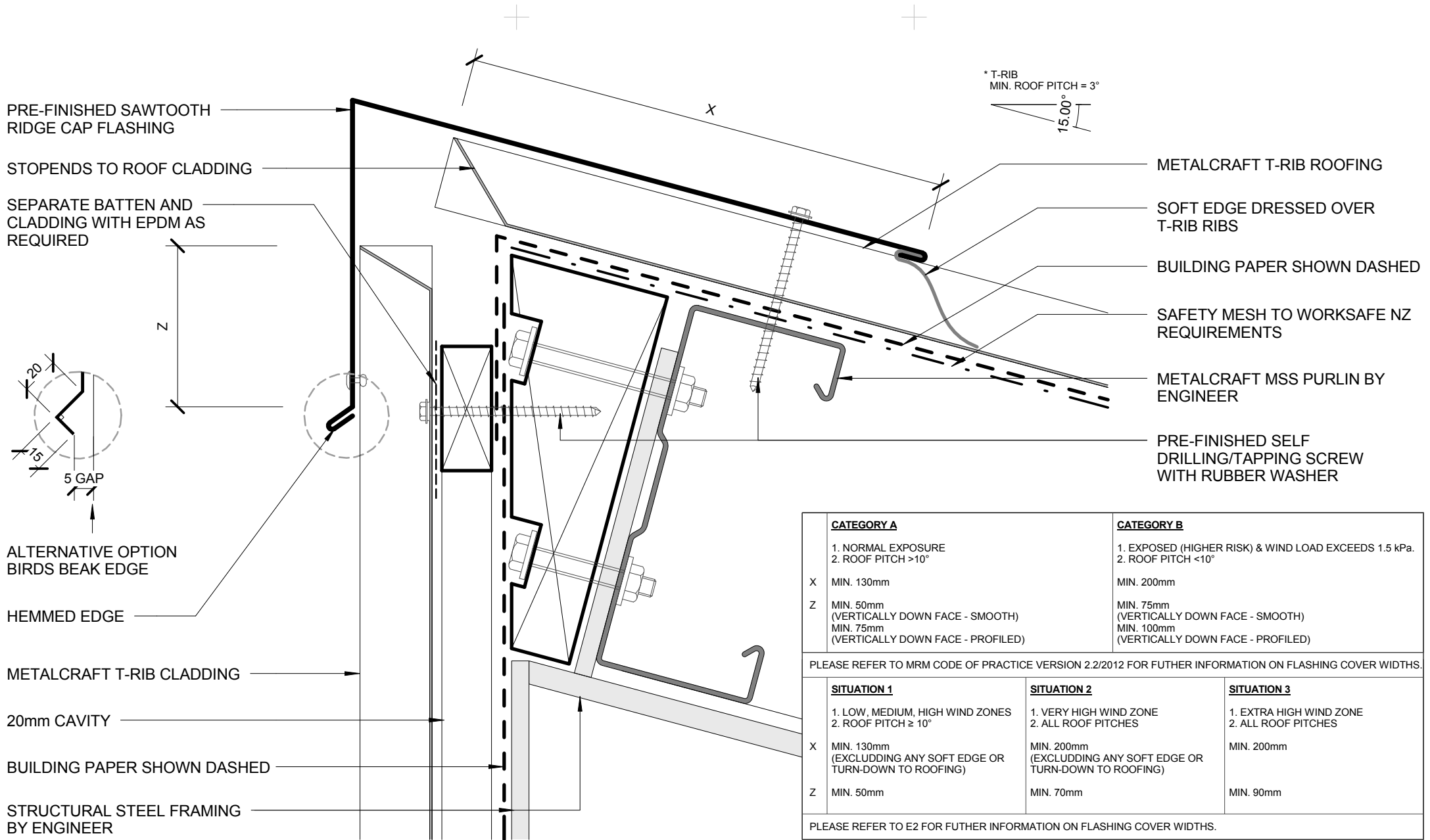
Date 2014

Scale 1 : 2

Sheet

02 / 14





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

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 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 FUTURE INFORMATION ON FLASHING COVER WIDTHS.					

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T-Rib

SAWTOOTH RIDGE  
COMMERCIAL ROOFING

Reference CRTRI

Date 2014

Scale 1 : 2

Sheet

03 / 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

\* T-RIB  
 MIN. ROOF PITCH =  $3^\circ$   
 15.00

DIMENSION TO SUIT  
 SUGGEST MIN. 125mm

METALCRAFT T-RIB 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 T-RIB CLADDING ON CAVITY

METALCRAFT MSS PURLIN BY ENGINEER

MIN. 35mm  
 OVERLAP

MIN. 50mm  
 OR AS REQUIRED

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  
 COMMERCIAL ROOFING



T-Rib

Reference CRTRI

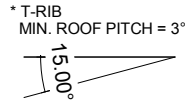
Date 2014

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



METALCRAFT T-RIB 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 T-RIB 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

T-Rib

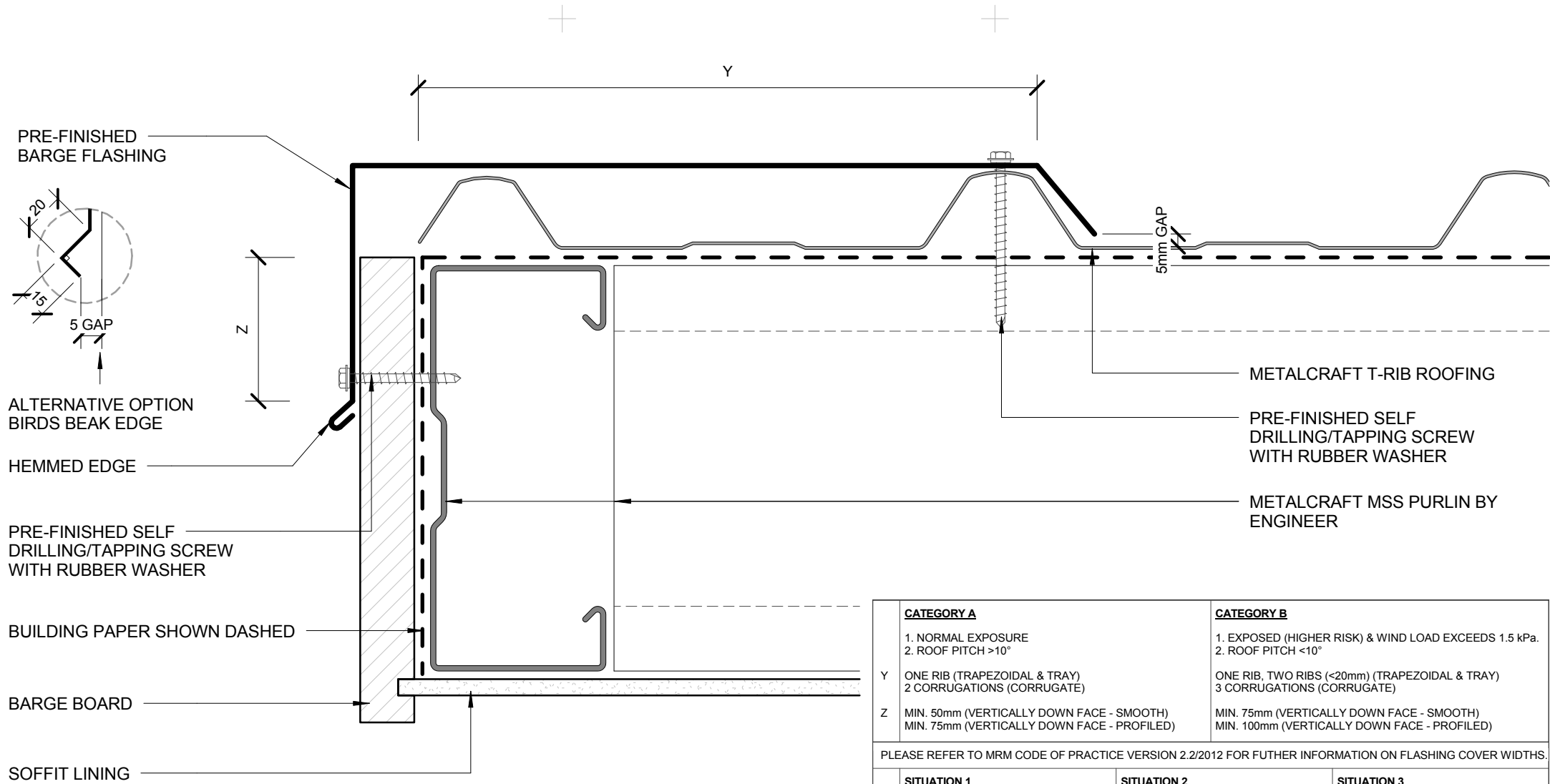
Reference CRTRI

Date 2014

Scale 1 : 2

Sheet

05 / 14

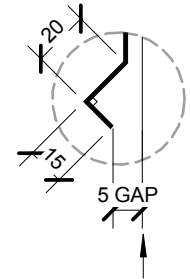


	<b>CATEGORY A</b>	<b>CATEGORY B</b>	
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°	
Y	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (CORRUGATE)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)	
Z	MIN. 50mm (VERTICALLY 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.			
	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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



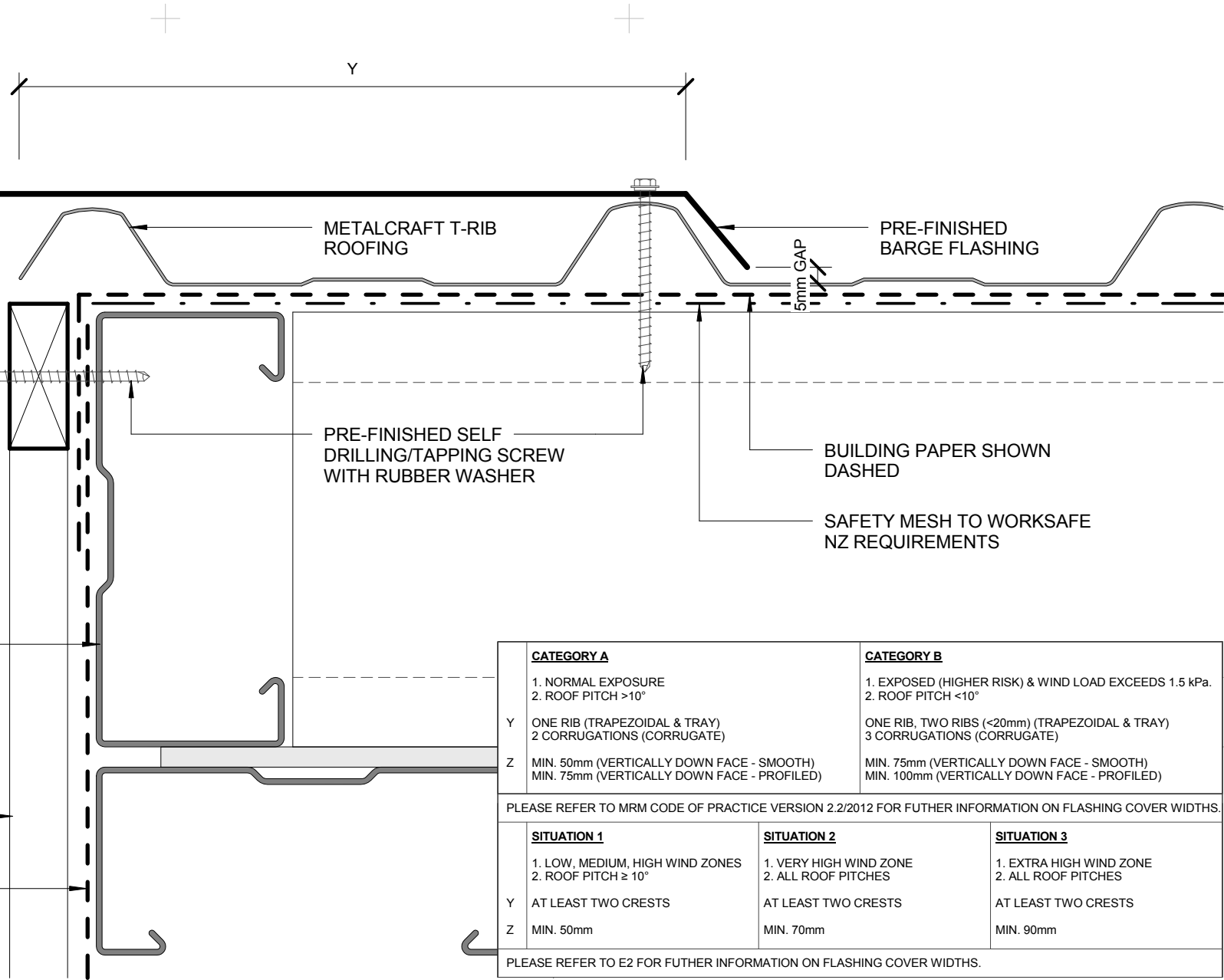
ALTERNATIVE OPTION  
BIRDS BEAK EDGE

METALCRAFT MSS PURLIN  
BY ENGINEER

METALCRAFT T-RIB  
CLADDING

20mm CAVITY

BUILDING PAPER SHOWN  
DASHED



<b>CATEGORY A</b>		<b>CATEGORY B</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)	
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<b>SITUATION 1</b>		<b>SITUATION 2</b>	<b>SITUATION 3</b>
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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## BARGE WITH PROFILED CLADDING

### COMMERCIAL ROOFING

T-Rib

Reference CRTRI

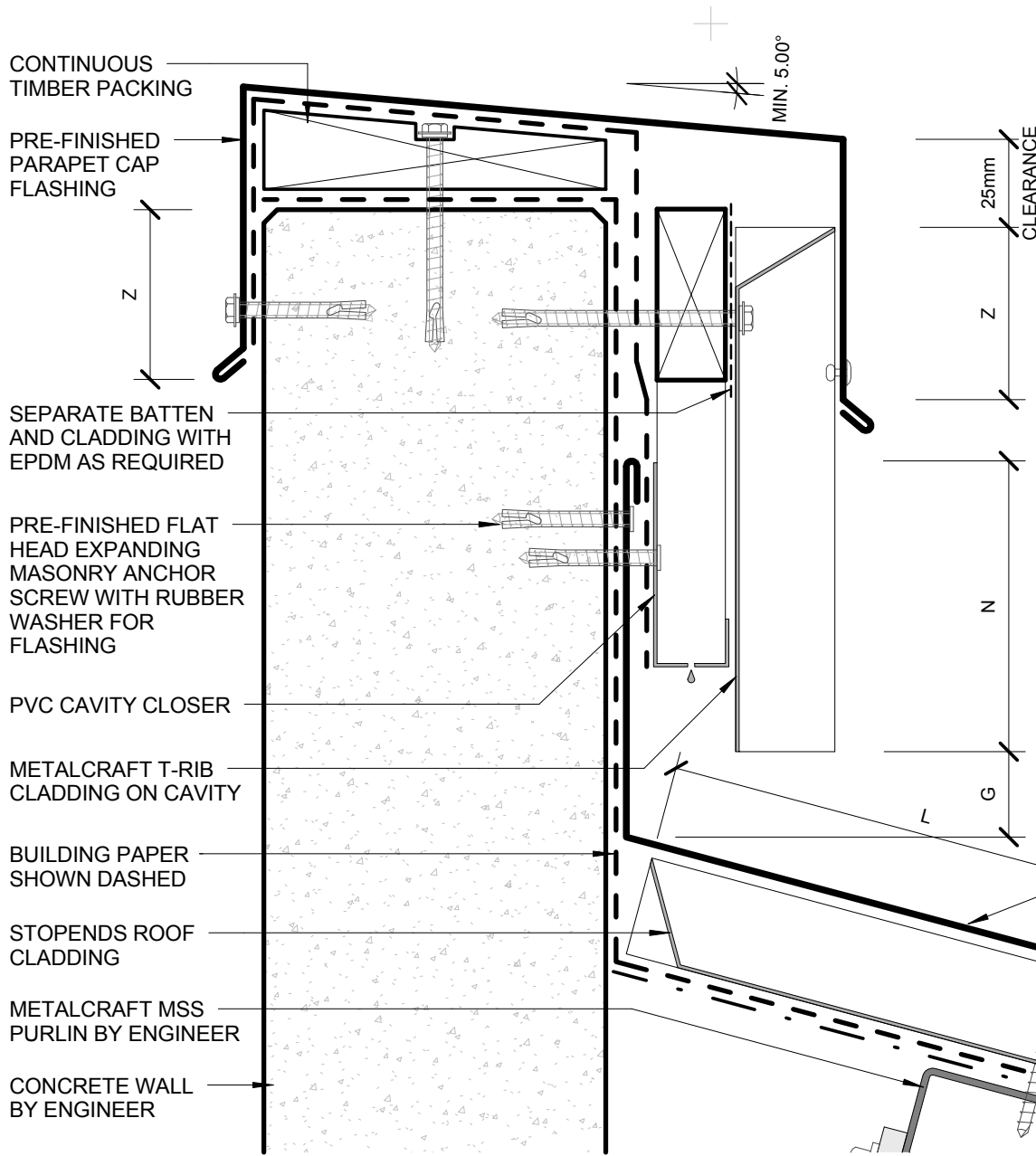
Date 2014

Scale 1 : 2

Sheet

07 / 14





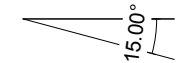
	<b>CATEGORY A</b>	<b>CATEGORY B</b>
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
G	25mm	25mm
N	MIN. 50mm + HEM OR 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 75mm + HEM OR 100mm (VERTICALLY 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.

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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.

\* T-RIB  
MIN. ROOF PITCH = 3°



- PRE-FINISHED APRON FLASHING
- PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER
- SOFT EDGE DRESSED OVER T-RIB RIBS
- METALCRAFT T-RIB ROOFING
- SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

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## PARAPET WITH TRANSVERSE APRON COMMERCIAL ROOFING

T-Rib

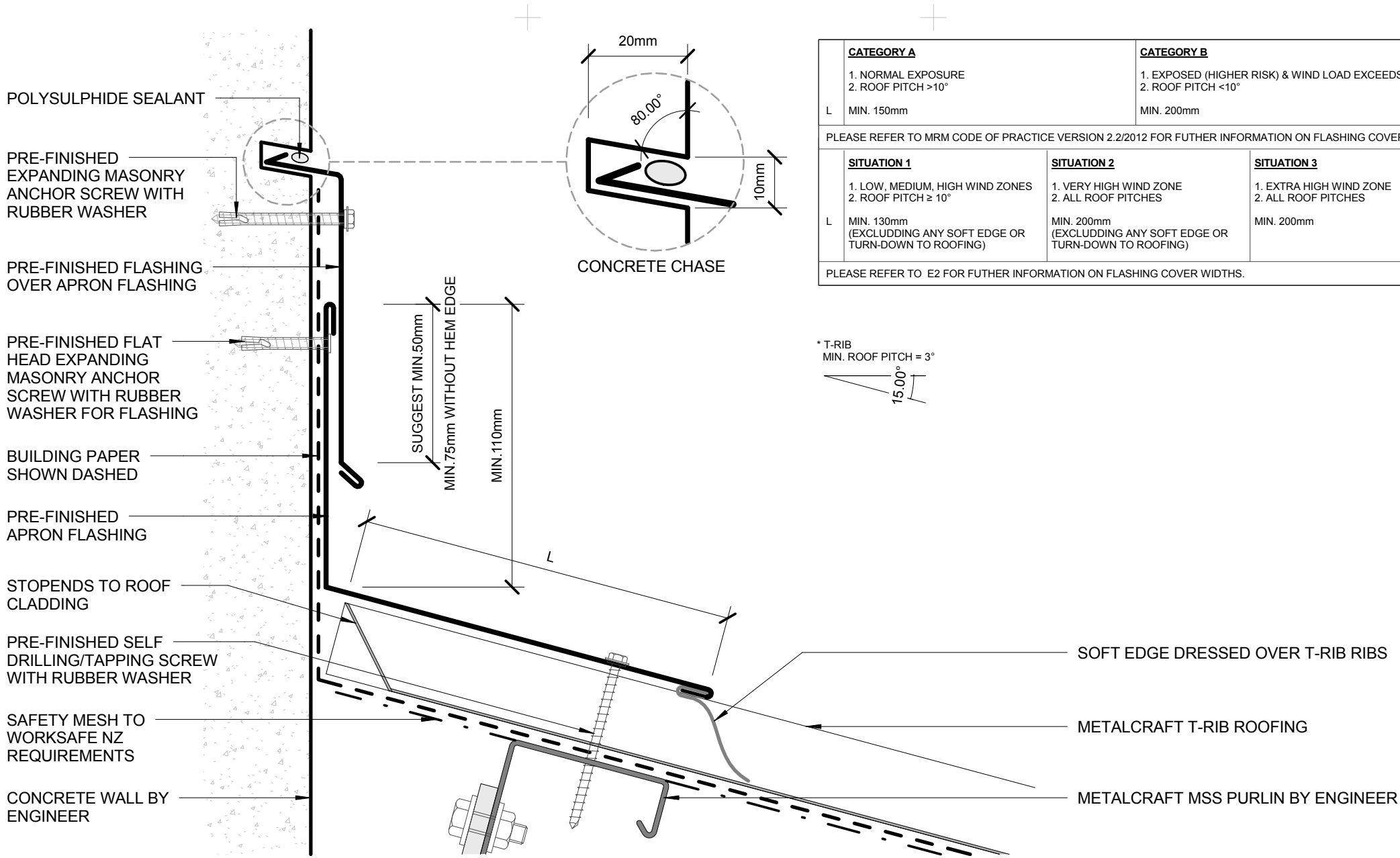
Reference CRTRI

Date 2014

Scale 1 : 2

Sheet

08 / 14

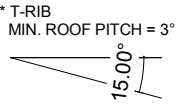


	<b>CATEGORY A</b>	<b>CATEGORY B</b>
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
L	MIN. 150mm	MIN. 200mm

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm

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



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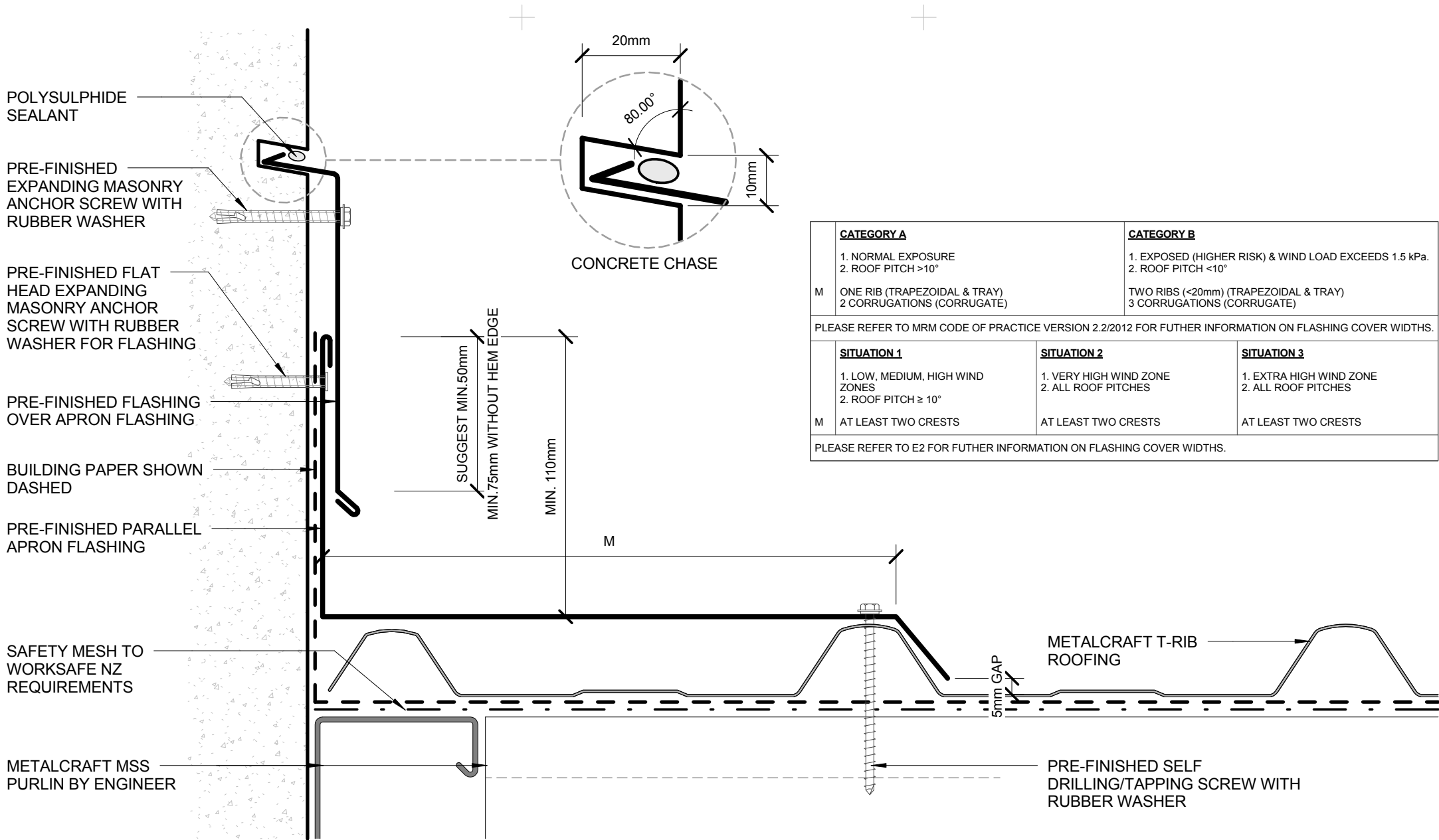
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**TRANSVERSE APRON**  
**COMMERCIAL ROOFING**



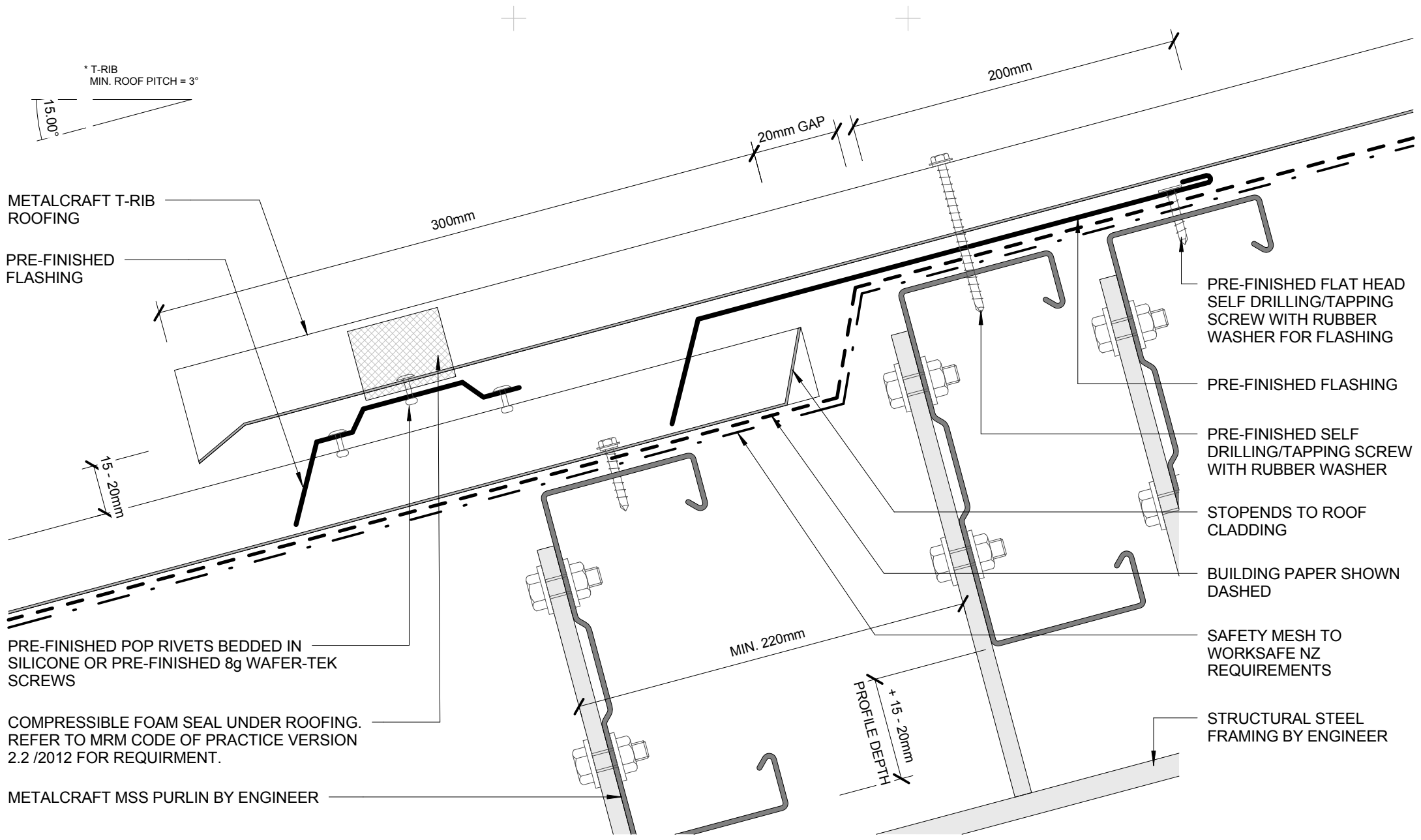
T-Rib



	<b>CATEGORY A</b> 1. NORMAL EXPOSURE 2. ROOF PITCH >10°	<b>CATEGORY B</b> 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.			
	<b>SITUATION 1</b> 1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	<b>SITUATION 2</b> 1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	<b>SITUATION 3</b> 1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
M	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.			

- 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.



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



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T-Rib

**ROOF STEP**  
**COMMERCIAL ROOFING**

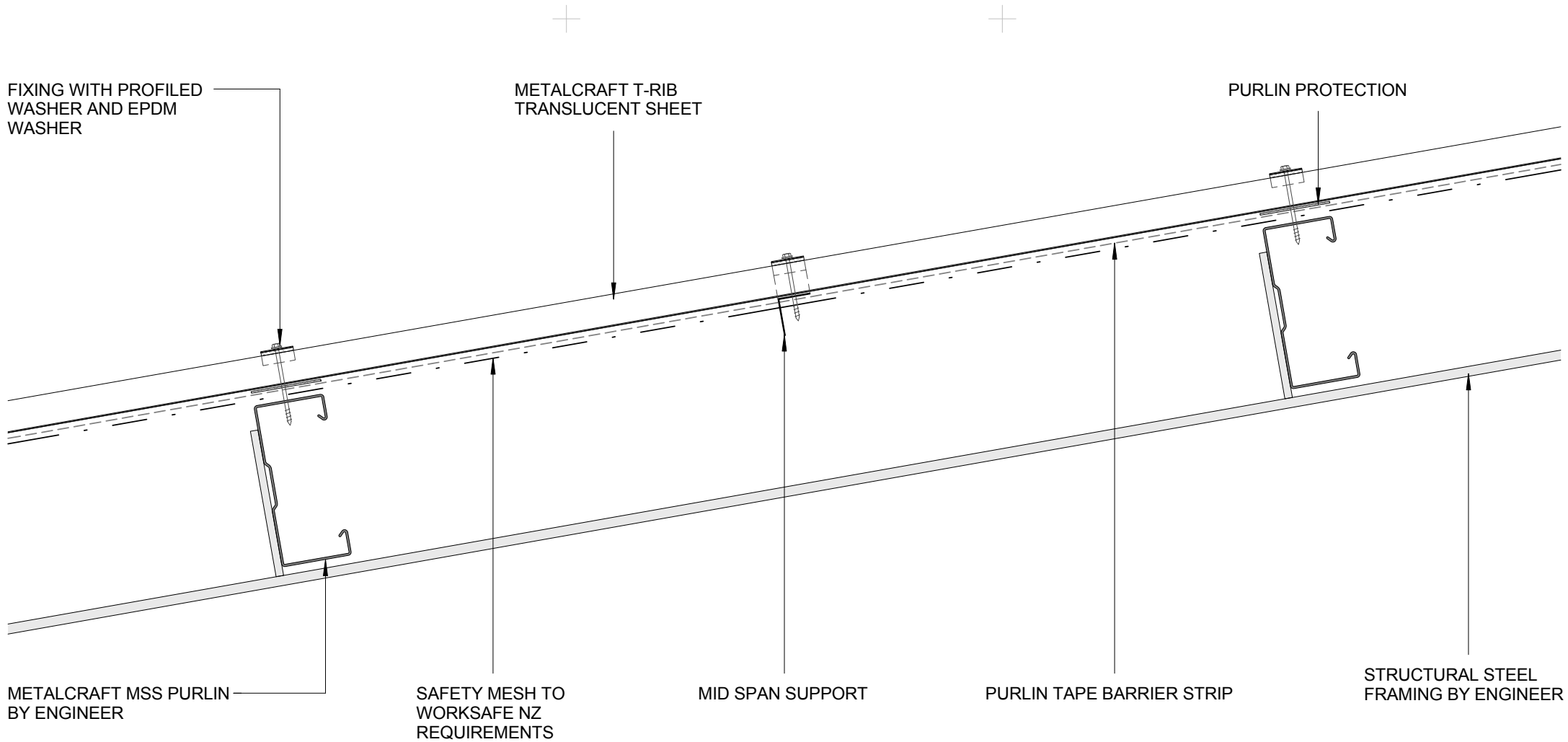
Reference CRTRI

Date 2014

Scale 1 : 2

Sheet

**11 / 14**



FIXING WITH PROFILED WASHER AND EPDM WASHER

METALCRAFT T-RIB 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**

T-Rib

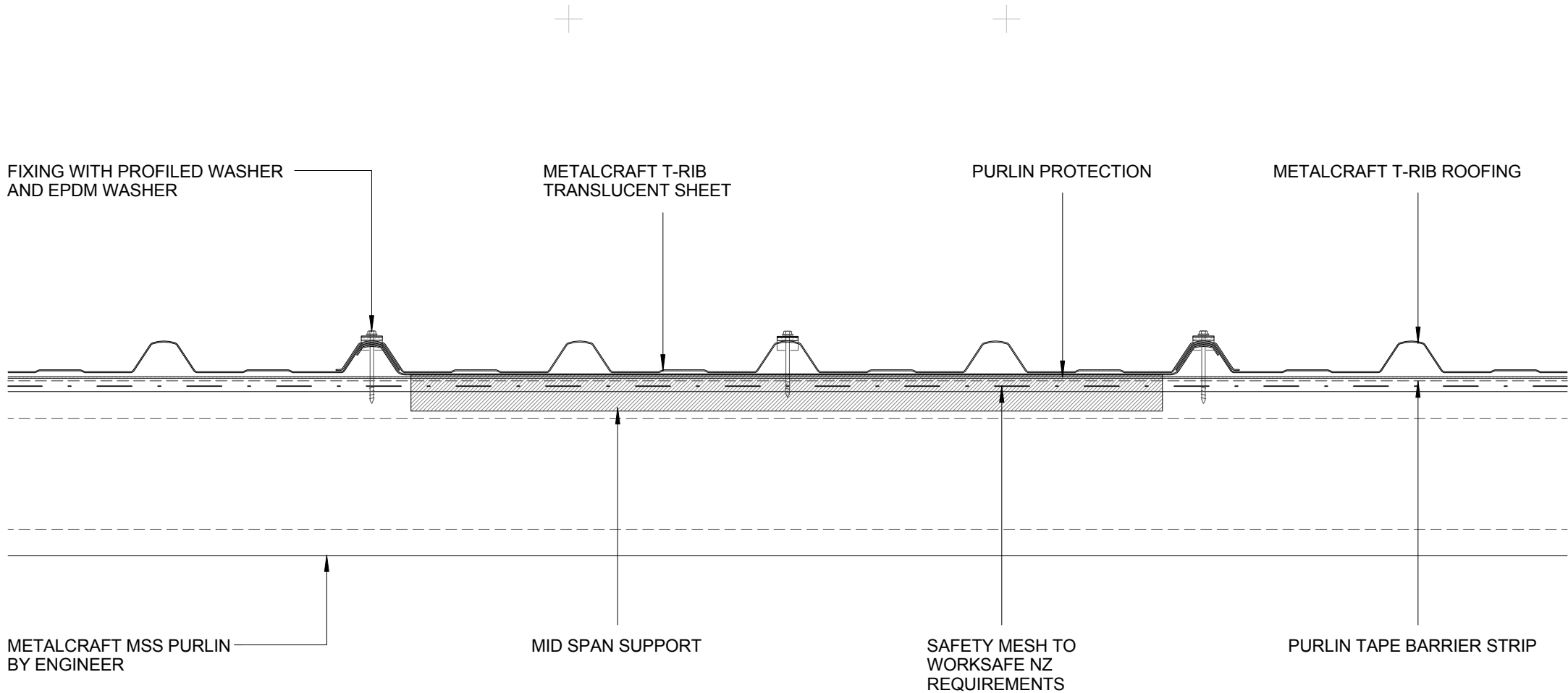
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Date 2014

Scale 1 : 5

Sheet

**12 / 14**



- 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



T-Rib

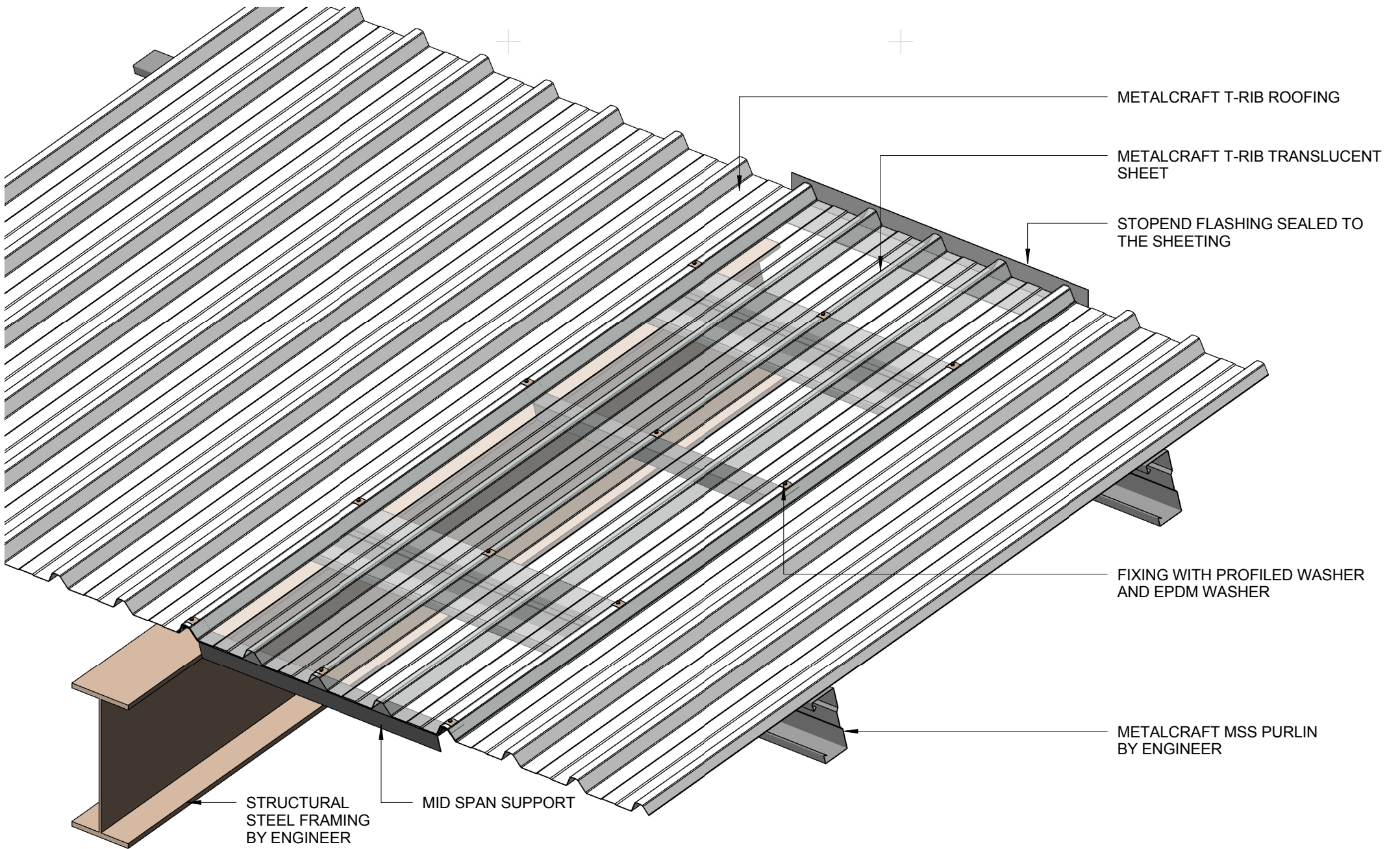
Reference CRTRI

Date 2014

Scale 1 : 5

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13 / 14



3D TRANSLUCENT SHEETS  
COMMERCIAL ROOFING