

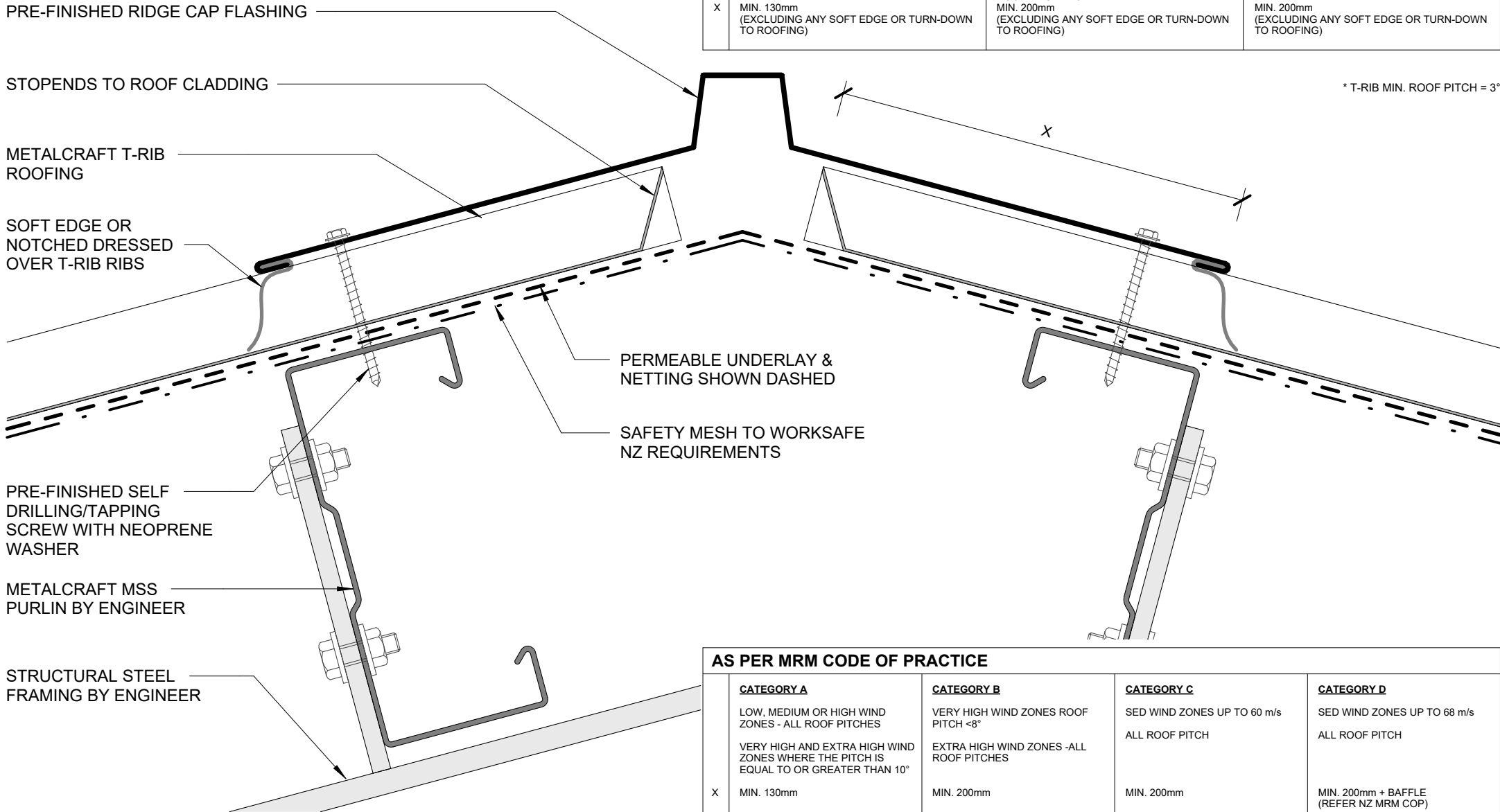
# T - Rib

## COMMERCIAL ROOFING

<u>DETAIL LIST</u>	<u>Revision</u>	<u>Date</u>
D 00 / 16		
D 01 / 16		
D 02 / 16		
D 03 / 16		
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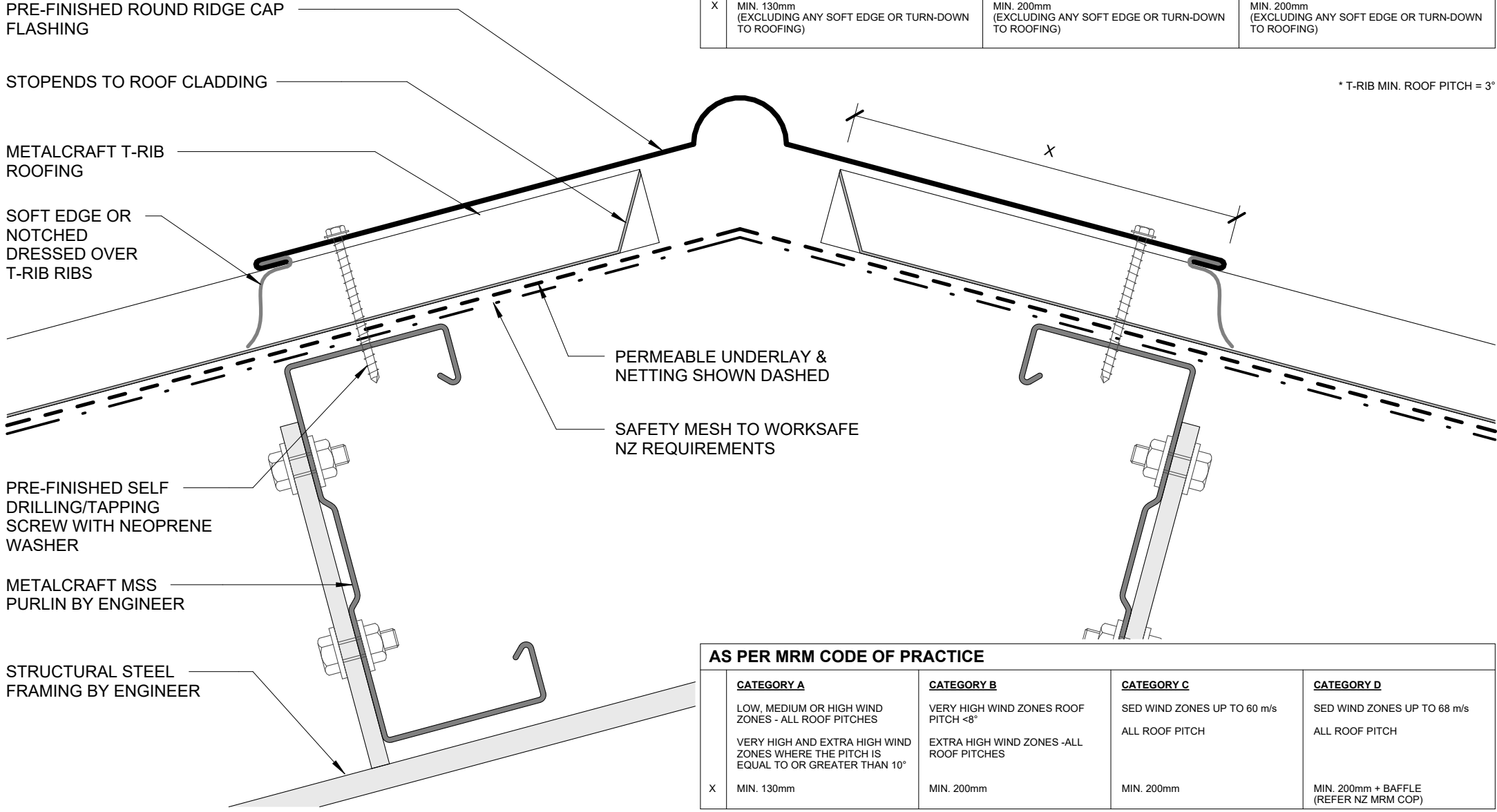
COVER SHEET		
RIDGE WITH PROFILED APEX	3.0	SEP 2024
RIDGE WITH ROUND TOP APEX	3.0	SEP 2024
SAWTOOTH RIDGE	3.0	SEP 2024
INTERNAL GUTTER	3.0	SEP 2024
FLUSH EAVE WITH PAN FIXED GUTTER	3.0	SEP 2024
BARGE WITH PROFILED CLADDING	3.0	SEP 2024
BARGE WITH SOFFIT	3.0	SEP 2024
PARAPET WITH TRANSVERSE APRON	3.0	SEP 2024
TRANSVERSE APRON	3.0	SEP 2024
PARALLEL APRON	3.0	SEP 2024
PARALLEL HIDDEN GUTTER	3.0	SEP 2024
PARALLEL HIDDEN GUTTER (2 PART FLASHING)	3.0	SEP 2024
ROOF STEP	3.0	SEP 2024
TRANSLUCENT SHEETS - LONG SECTION	3.0	SEP 2024
TRANSLUCENT SHEETS - CROSS	3.0	SEP 2024
3D TRANSLUCENT SHEETS	3.0	SEP 2024

AS PER E2/ASI			
	<b>SITUATION 1</b> 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	<b>SITUATION 2</b> 1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	<b>SITUATION 3</b> 1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE. MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)

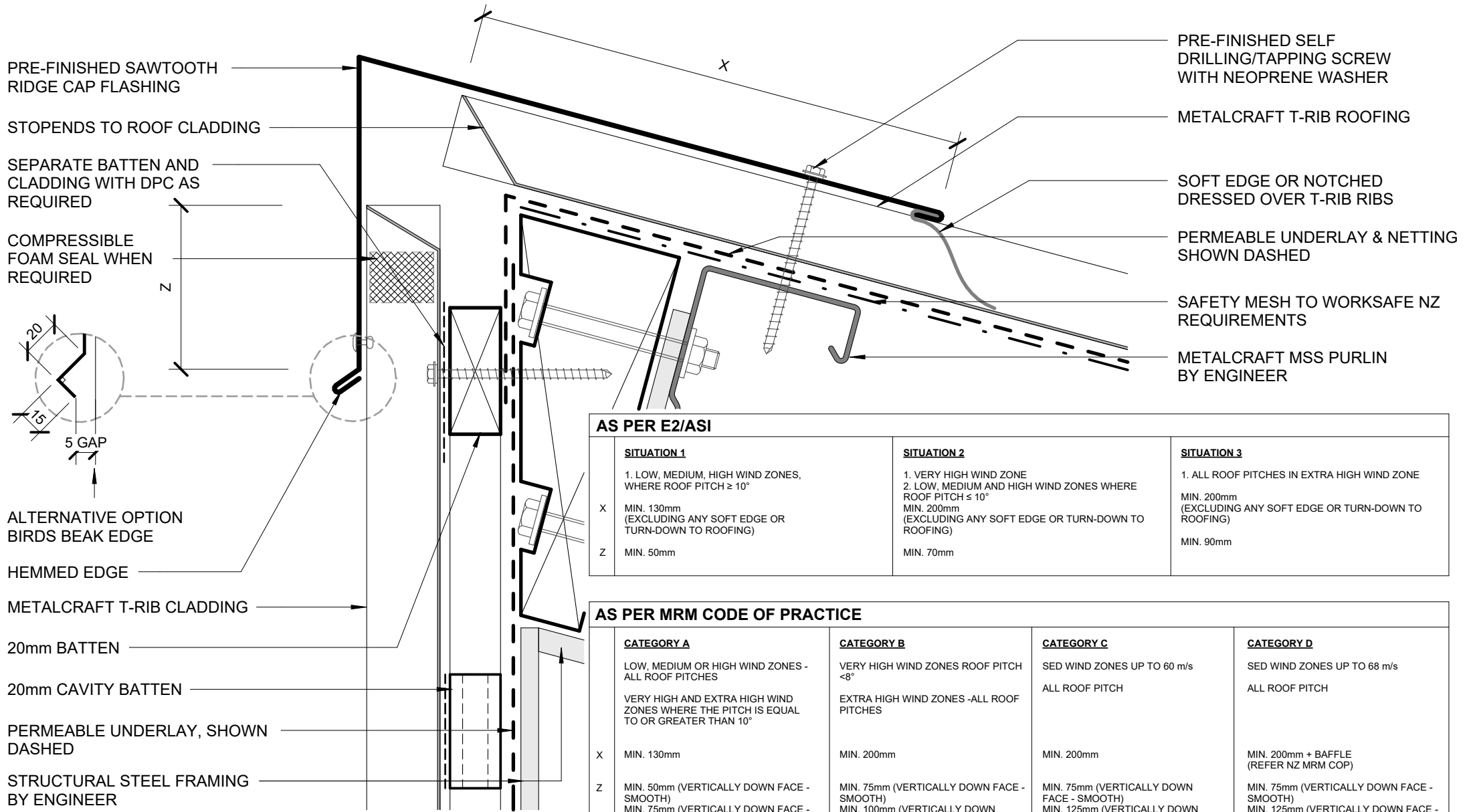


AS PER MRM CODE OF PRACTICE				
	<b>CATEGORY A</b> LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$ X MIN. 130mm	<b>CATEGORY B</b> VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES MIN. 200mm	<b>CATEGORY C</b> SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH MIN. 200mm	<b>CATEGORY D</b> SED WIND ZONES UP TO 68 m/s ALL ROOF PITCH MIN. 200mm + BAFFLE (REFER NZ MRM COP)

AS PER E2/ASI			
	<b>SITUATION 1</b> 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$  X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	<b>SITUATION 2</b> 1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	<b>SITUATION 3</b> 1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE.  MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)

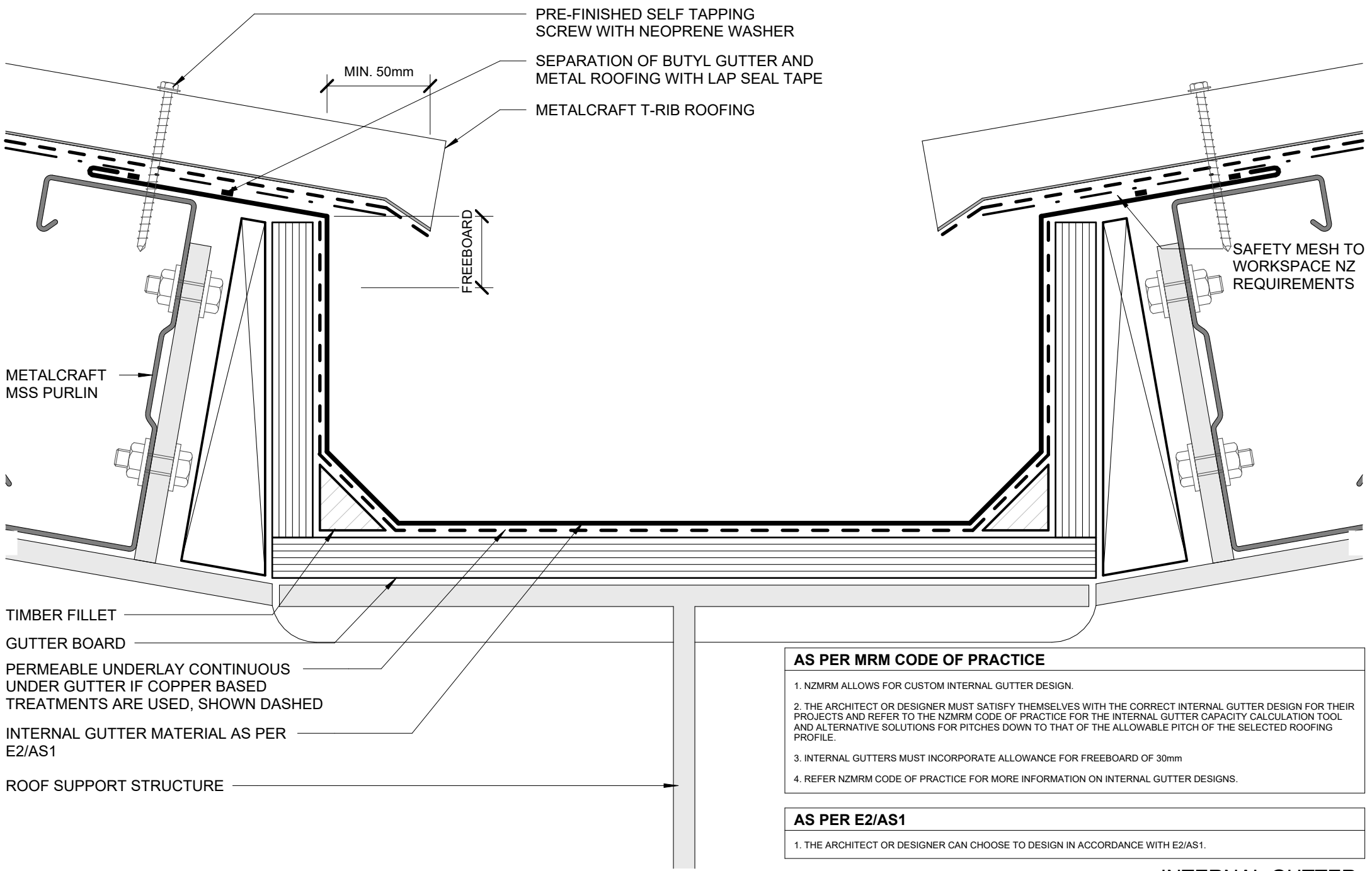


AS PER MRM CODE OF PRACTICE				
	<b>CATEGORY A</b> LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES  VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	<b>CATEGORY B</b> VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$  EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	<b>CATEGORY C</b> SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH	<b>CATEGORY D</b> SED WIND ZONES UP TO 68 m/s ALL ROOF PITCH
X	MIN. 130mm	MIN. 200mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)



AS PER E2/ASI		
SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) Z MIN. 50mm	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ X MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) Z MIN. 70mm	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE X MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) Z MIN. 90mm

AS PER MRM CODE OF PRACTICE			
CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES  VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$  EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	SED WIND ZONES UP TO 60 m/s  ALL ROOF PITCH	SED WIND ZONES UP TO 68 m/s  ALL ROOF PITCH
X MIN. 130mm  Z MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	X MIN. 200mm  Z MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)	X MIN. 200mm  Z MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)	X MIN. 200mm + BAFFLE (REFER NZ MRM COP)  Z MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)



**AS PER MRM CODE OF PRACTICE**

1. NZMRM ALLOWS FOR CUSTOM INTERNAL GUTTER DESIGN.
2. THE ARCHITECT OR DESIGNER MUST SATISFY THEMSELVES WITH THE CORRECT INTERNAL GUTTER DESIGN FOR THEIR PROJECTS AND REFER TO THE NZMRM CODE OF PRACTICE FOR THE INTERNAL GUTTER CAPACITY CALCULATION TOOL AND ALTERNATIVE SOLUTIONS FOR PITCHES DOWN TO THAT OF THE ALLOWABLE PITCH OF THE SELECTED ROOFING PROFILE.
3. INTERNAL GUTTERS MUST INCORPORATE ALLOWANCE FOR FREEBOARD OF 30mm
4. REFER NZMRM CODE OF PRACTICE FOR MORE INFORMATION ON INTERNAL GUTTER DESIGNS.

**AS PER E2/AS1**

1. THE ARCHITECT OR DESIGNER CAN CHOOSE TO DESIGN IN ACCORDANCE WITH E2/AS1.

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:  
 ROOF PITCH  $\leq 10^\circ$   
 SOFFIT WIDTH  $\leq 100\text{mm}$   
 WIND ZONES = VERY HIGH OR EXTRA HIGH

OTHER SITUATION - ENGINEER SPECIFIC DESIGN  
 MRM RECOMMENDS TO USE IN AREAS EXPOSED  
 TO CONTAMINATORS SUCH AS SEA SALT OR  
 INDUSTRIAL POLLUTANTS

$<10^\circ$  OR UN-BAFFLED BY SPOUTING = 70mm  
 10-35° = 50mm  
 $>35^\circ$  = 40mm

\* T-RIB  
 MIN. ROOF PITCH = 3°

15.00°

DIMENSION TO SUIT  
 SUGGEST MIN. 125mm

METALCRAFT T-RIB ROOFING

UNDERLAY TERMINATES AT TOP OF GUTTER EAVES FLASHING AND WHEN NO GUTTER EAVES IS REQUIRED UNDERLAY MUST NOT OVERHANG THE GUTTER BY MORE THAN 20mm

PRE-FINISHED EAVE FLASHING CUT BACK AROUND INTERNAL GUTTER BRACKETS IF REQUIRED

METALCRAFT BOX GUTTER 125 WITH EXTERNAL BRACKET

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

DPC SEPERATION AS REQUIRED

SEPARATE BATTEN AND CLADDING WITH DPC AS REQUIRED

COMPRESSIBLE FOAM SEAL WHEN REQUIRED.

METALCRAFT MSS PURLIN BY ENGINEER

METALCRAFT T-RIB CLADDING ON CAVITY

AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A: 75mm
	CATEGORY B: 100mm
	CATEGORY C&D: 125mm

5mm GAP

PACKER

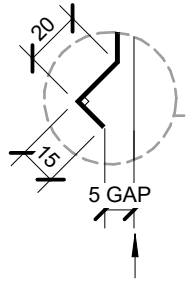
SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

STRUCTURAL STEEL FRAMING BY ENGINEER

UNDERSOAKER  
FLASHING REQUIRED  
FOR NZ MRM COP  
CATEGORY D ONLY

PRE-FINISHED SEALED POP RIVET OR PRE-FINISHED 8g WAFER-TEK SCREW



ALTERNATIVE OPTION  
BIRDS BEAK EDGE

COMPRESSIBLE FOAM SEAL  
WHEN REQUIRED

20mm BATTEN

METALCRAFT MSS PURLIN  
BY ENGINEER

METALCRAFT T-RIB  
CLADDING

20mm CAVITY BATTEN

PERMEABLE UNDERLAY,  
SHOWN DASHED

X

5-10mm

FLASHING SHOULD NOT EXCEED 300mm.  
A TURNED UP PAN EDGE TO FULL CREST  
HEIGHT (RIB) CONSTITUTES A CREST.

PRE-FINISHED  
BARGE FLASHING

5mm GAP

METALCRAFT T-RIB  
ROOFING

PERMEABLE UNDERLAY  
& NETTING SHOWN  
DASHED

PRE-FINISHED SELF  
DRILLING/TAPPING SCREW  
WITH NEOPRENE WASHER

SAFETY MESH TO WORKSAFE  
NZ REQUIREMENTS

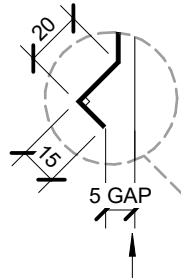
AS PER E2/ASI			
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE.
X	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

AS PER MRM CODE OF PRACTICE				
	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$	SED WIND ZONES UP TO 60 m/s	SED WIND ZONES UP TO 68 m/s
	VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	ALL ROOF PITCH	ALL ROOF PITCH
X	TRAPEZOIDAL & TRAY: ONE RIB	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB ( $>34$ mm)*	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB ( $>34$ mm)*	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB ( $>34$ mm)* + UNDERSOAKER
	CORRUGATE: 2 CORRUGATIONS	CORRUGATE: 2 CORRUGATIONS	CORRUGATE: 3 CORRUGATIONS	CORRUGATE: 2 CORRUGATIONS + UNDERSOAKER
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)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)

\* RIB HEIGHT OF PROFILE OR TURNUP

UNDERSOAKER  
FLASHING REQUIRED  
FOR NZ MRM COP  
CATEGORY D ONLY

PRE-FINISHED  
BARGE FLASHING



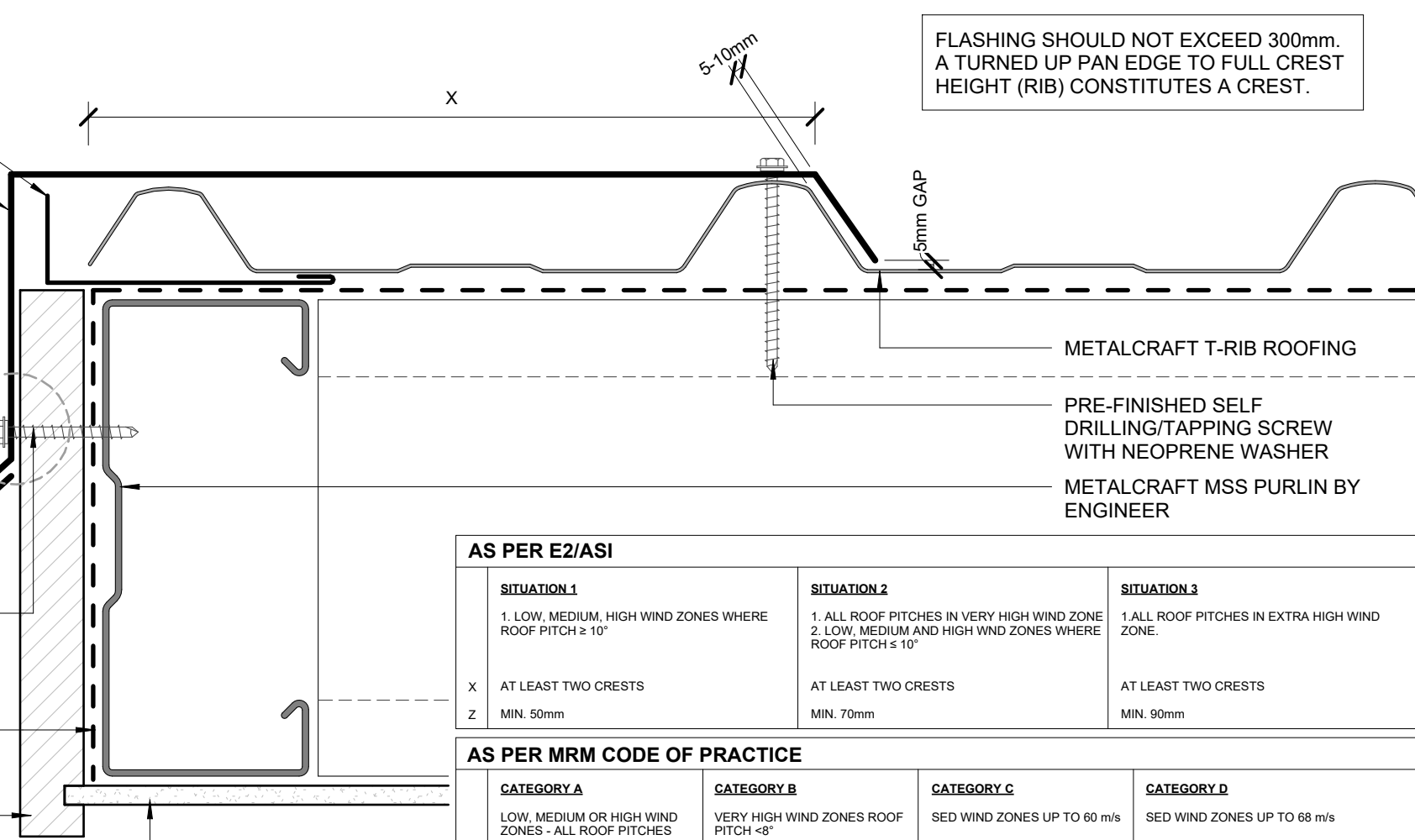
ALTERNATIVE  
OPTION  
BIRDS BEAK EDGE  
HEMMED EDGE

PRE-FINISHED SELF  
DRILLING/TAPPING SCREW  
WITH NEOPRENE WASHER

PERMEABLE UNDERLAY SHOWN  
DASHED

BARGE BOARD PRE  
PRIMED

SOFFIT LINING



FLASHING SHOULD NOT EXCEED 300mm.  
A TURNED UP PAN EDGE TO FULL CREST  
HEIGHT (RIB) CONSTITUTES A CREST.

AS PER E2/ASI			
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE.
X	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

AS PER MRM CODE OF PRACTICE				
	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES  VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$  EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	SED WIND ZONES UP TO 60 m/s  ALL ROOF PITCH	SED WIND ZONES UP TO 68 m/s  ALL ROOF PITCH
X	TRAPEZOIDAL & TRAY: ONE RIB  CORRUGATE: 2 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34mm)*  CORRUGATE: 2 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34mm)*  CORRUGATE: 3 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB (>34mm)* + UNDERSOAKER  CORRUGATE: 2 CORRUGATIONS + UNDERSOAKER
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)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)

\* RIB HEIGHT OF PROFILE OR TURNUP



COMPRESSIBLE FOAM SEAL WHEN REQUIRED

CONTINUOUS  
TIMBER PACKING

PRE-FINISHED  
PARAPET CAP  
FLASHING

N

MIN. 5.00°

SEPARATE BATTEN  
AND CLADDING  
WITH DPC AS  
REQUIRED

PRE-FINISHED FLAT  
HEAD EXPANDING  
MASONRY ANCHOR  
SCREW WITH  
NEOPRENE WASHER  
FOR FLASHING

PVC CAVITY CLOSER

METALCRAFT T-RIB  
CLADDING ON CAVITY

PERMEABLE  
UNDERLAY &  
NETTING SHOWN  
DASHED

STOPENDS ROOF  
CLADDING

METALCRAFT MSS  
PURLIN BY ENGINEER

CONCRETE WALL  
BY ENGINEER

**AS PER E2/ASI**

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCHES $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
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 (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

**AS PER MRM CODE OF PRACTICE**

	<b>CATEGORY A</b>	<b>CATEGORY B</b>	<b>CATEGORY C</b>	<b>CATEGORY D</b>
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$	SED WIND ZONES UP TO 60 m/s	SED WIND ZONES UP TO 68 m/s
	VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	ALL ROOF PITCH	ALL ROOF PITCH
G	25mm	25mm	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)	MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED)	MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED)
L	MIN. 130mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)	MIN. 200mm + BAFFLE (REFER NZ MRM COP)
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)	MIN. 100mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 100mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)

\* T-RIB  
MIN. ROOF PITCH = 3°

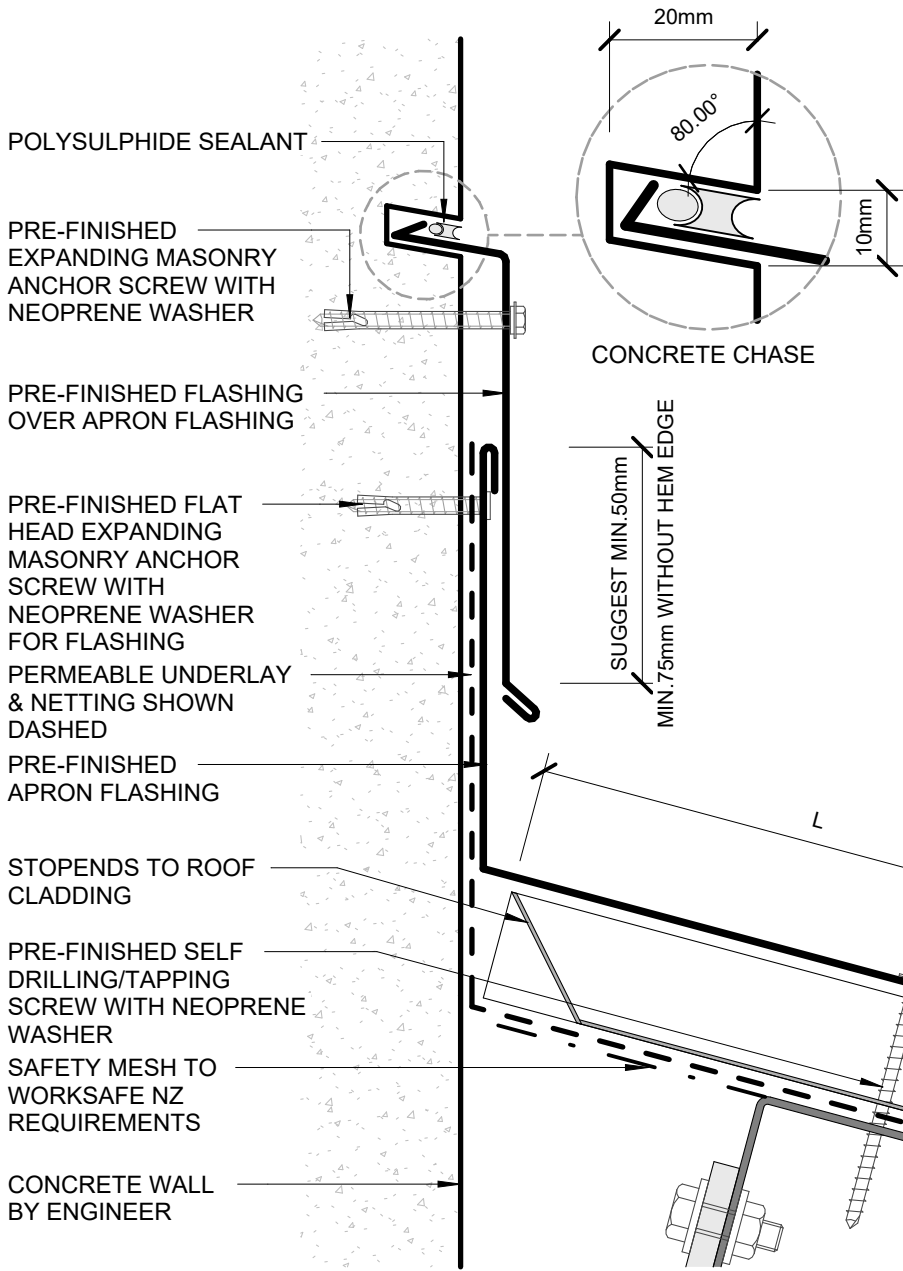
15.00°

PRE-FINISHED APRON FLASHING

PRE-FINISHED SELF  
DRILLING/TAPPING SCREW WITH  
NEOPRENE WASHER  
SOFT EDGE OR NOTCHED DRESSED  
OVER T-RIB RIBS

METALCRAFT T-RIB ROOFING

SAFETY MESH TO WORKSAFE NZ  
REQUIREMENTS

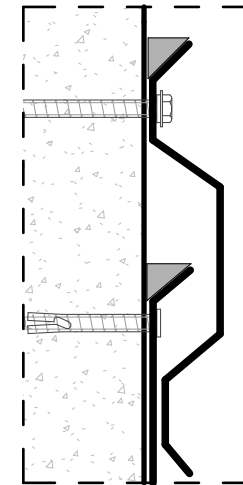


### AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES EXTRA HIGH WIND ZONE
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 (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)

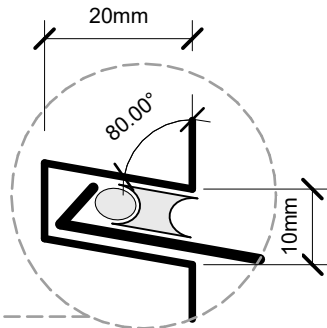
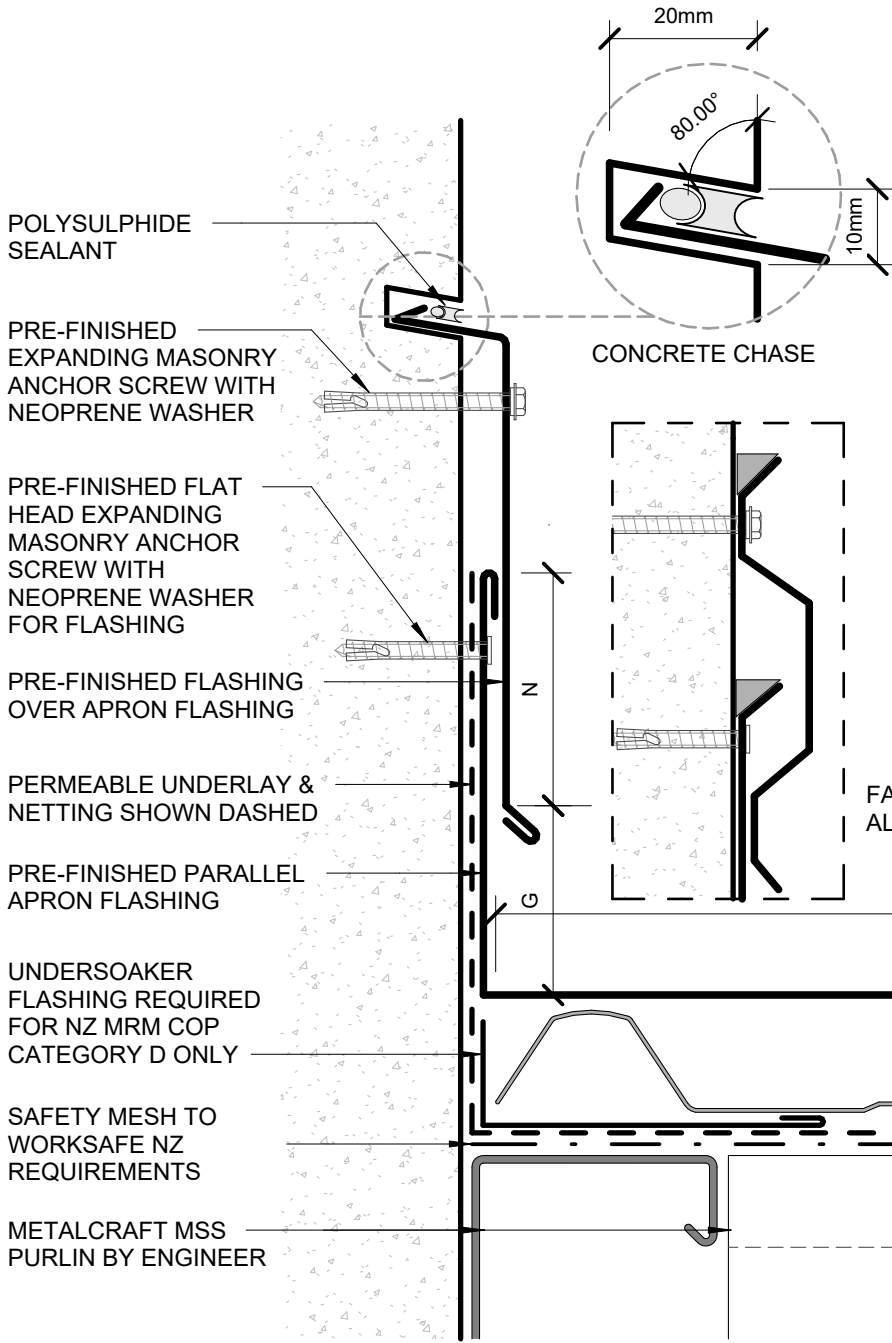
### AS PER MRM CODE OF PRACTICE

	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$	SED WIND ZONES UP TO 60 m/s	SED WIND ZONES UP TO 68 m/s
	VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	ALL ROOF PITCH	ALL ROOF PITCH
L	MIN. 130mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)	MIN. 200mm + BAFFLE (REFER NZ MRM COP)



FACE FIXED ALTERNATIVE

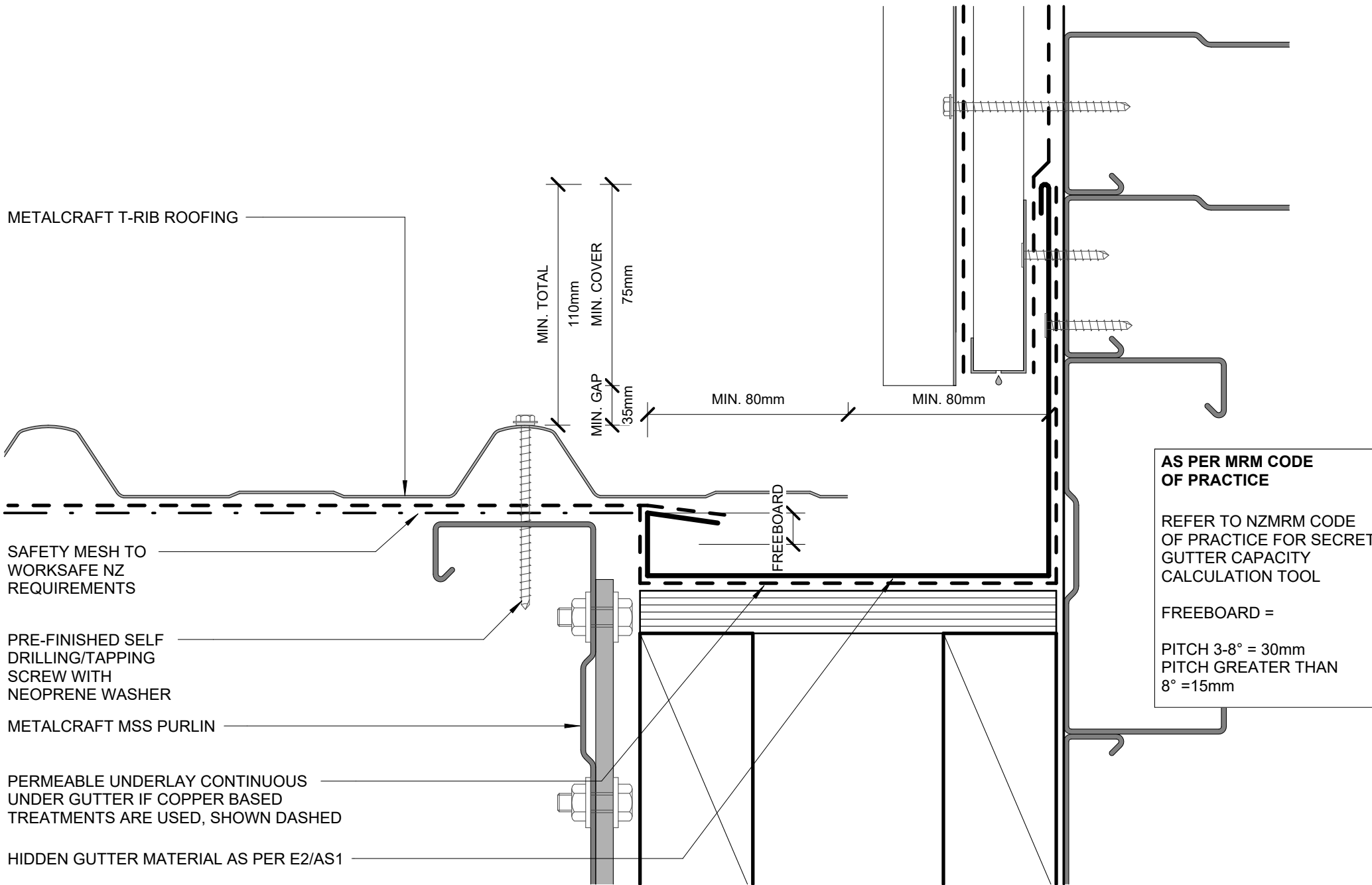
- SOFT EDGE OR NOTCHED DRESSED OVER T-RIB RIBS
- METALCRAFT T-RIB ROOFING
- METALCRAFT MSS PURLIN BY ENGINEER



AS PER E2/ASI			
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
G	MIN. 35mm	MIN. 35mm	MIN. 35mm
N	MIN. 75mm	MIN. 75mm	MIN. 75mm
M	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS

AS PER MRM CODE OF PRACTICE				
	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES  VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$  EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	SED WIND ZONES UP TO 60 m/s  ALL ROOF PITCH	SED WIND ZONES UP TO 68 m/s  ALL ROOF PITCH
G	25mm	25mm	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)	MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED)	MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED)
M	TRAPEZOIDAL & TRAY: ONE RIB  CORRUGATE: 2 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34mm)*  CORRUGATE: 2 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34mm)*  CORRUGATE: 3 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB (>34mm)* + UNDERSOAKER  CORRUGATE: 2 CORRUGATIONS + UNDERSOAKER
* RIB HEIGHT OF PROFILE OR TURNUP				

FLASHING SHOULD NOT EXCEED 300mm. A TURNED UP PAN EDGE TO FULL CREST HEIGHT (RIB) CONSTITUTES A CREST.



**AS PER MRM CODE OF PRACTICE**

REFER TO NZMRM CODE OF PRACTICE FOR SECRET GUTTER CAPACITY CALCULATION TOOL

FREEBOARD =

PITCH 3-8° = 30mm  
 PITCH GREATER THAN 8° = 15mm

METALCRAFT T-RIB ROOFING

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

METALCRAFT MSS PURLIN

PERMEABLE UNDERLAY CONTINUOUS UNDER GUTTER IF COPPER BASED TREATMENTS ARE USED, SHOWN DASHED

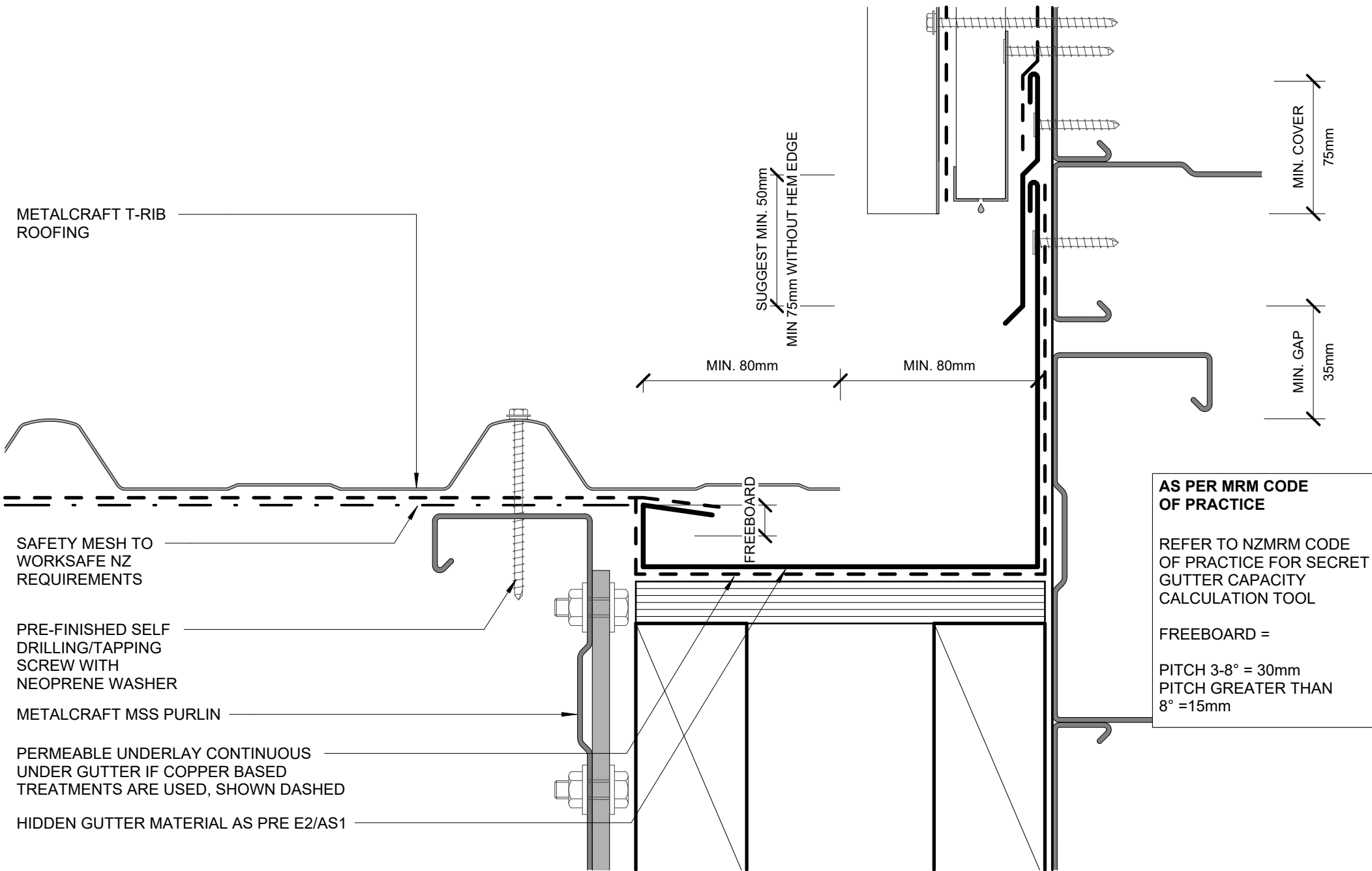
HIDDEN GUTTER MATERIAL AS PER E2/AS1

MIN. TOTAL 110mm  
 MIN. COVER 75mm  
 MIN. GAP 35mm

MIN. 80mm

MIN. 80mm

FREEBOARD



METALCRAFT T-RIB ROOFING

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

METALCRAFT MSS PURLIN

PERMEABLE UNDERLAY CONTINUOUS UNDER GUTTER IF COPPER BASED TREATMENTS ARE USED, SHOWN DASHED

HIDDEN GUTTER MATERIAL AS PRE E2/AS1

SUGGEST MIN. 50mm  
MIN 75mm WITHOUT HEIM EDGE

MIN. 80mm

MIN. 80mm

MIN. COVER  
75mm

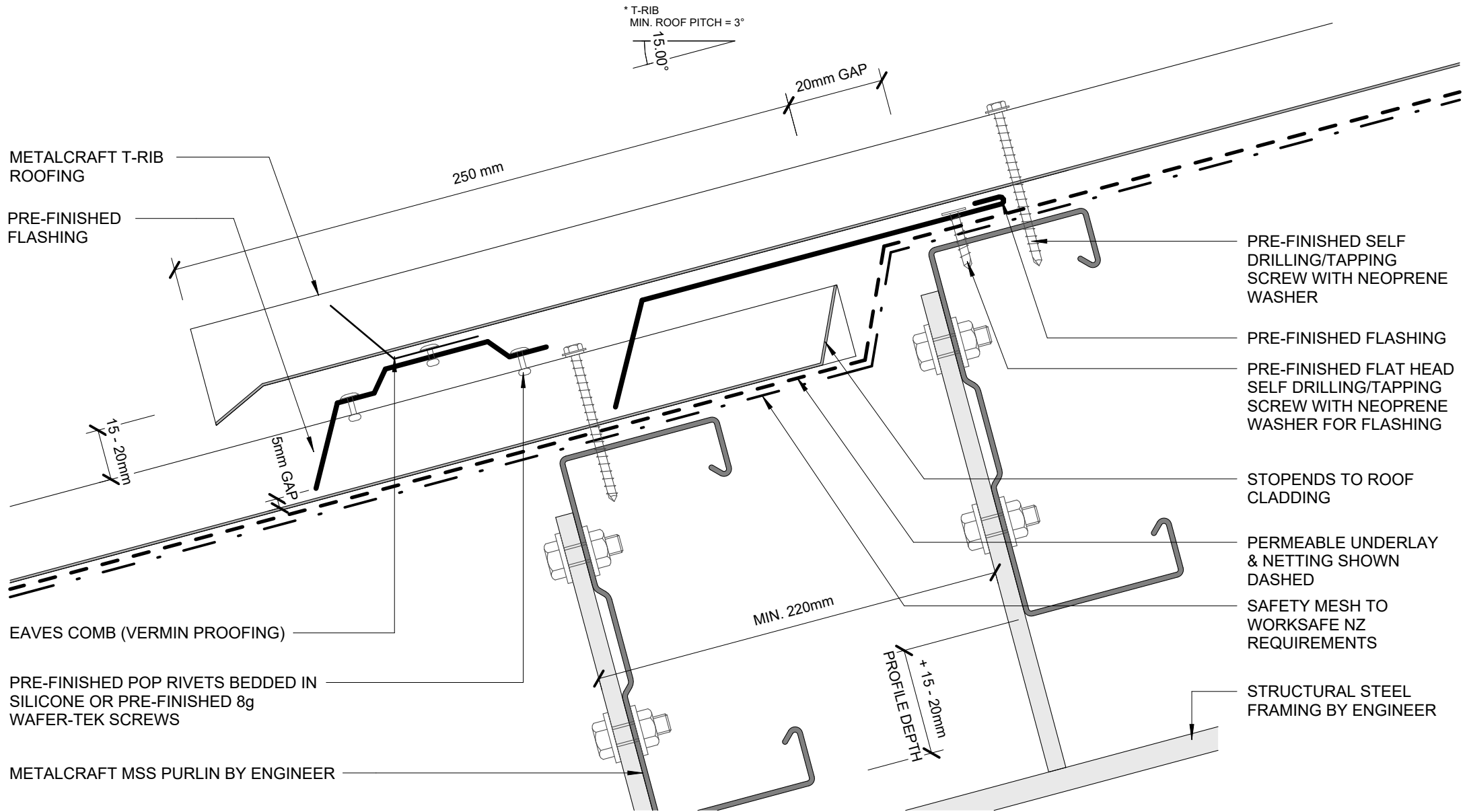
MIN. GAP  
35mm

FREEBOARD

**AS PER MRM CODE OF PRACTICE**

REFER TO NZMRM CODE OF PRACTICE FOR SECRET GUTTER CAPACITY CALCULATION TOOL

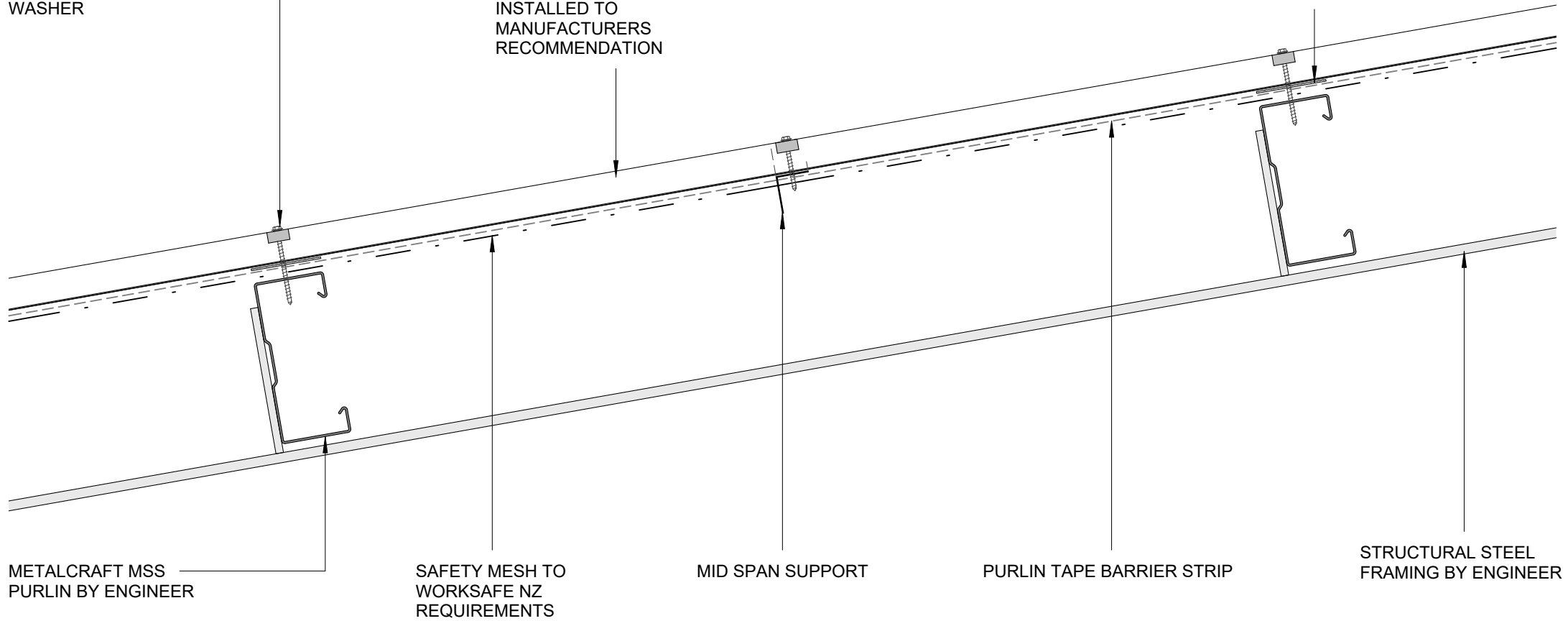
FREEBOARD =  
PITCH 3-8° = 30mm  
PITCH GREATER THAN 8° = 15mm



FIXING WITH PROFILED WASHER AND EPDM WASHER

ALSYNITE ONE NZ LTD T-RIB TRANSLUCENT SHEET INSTALLED TO MANUFACTURERS RECOMMENDATION

PURLIN PROTECTION



METALCRAFT MSS PURLIN BY ENGINEER

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

MID SPAN SUPPORT

PURLIN TAPE BARRIER STRIP

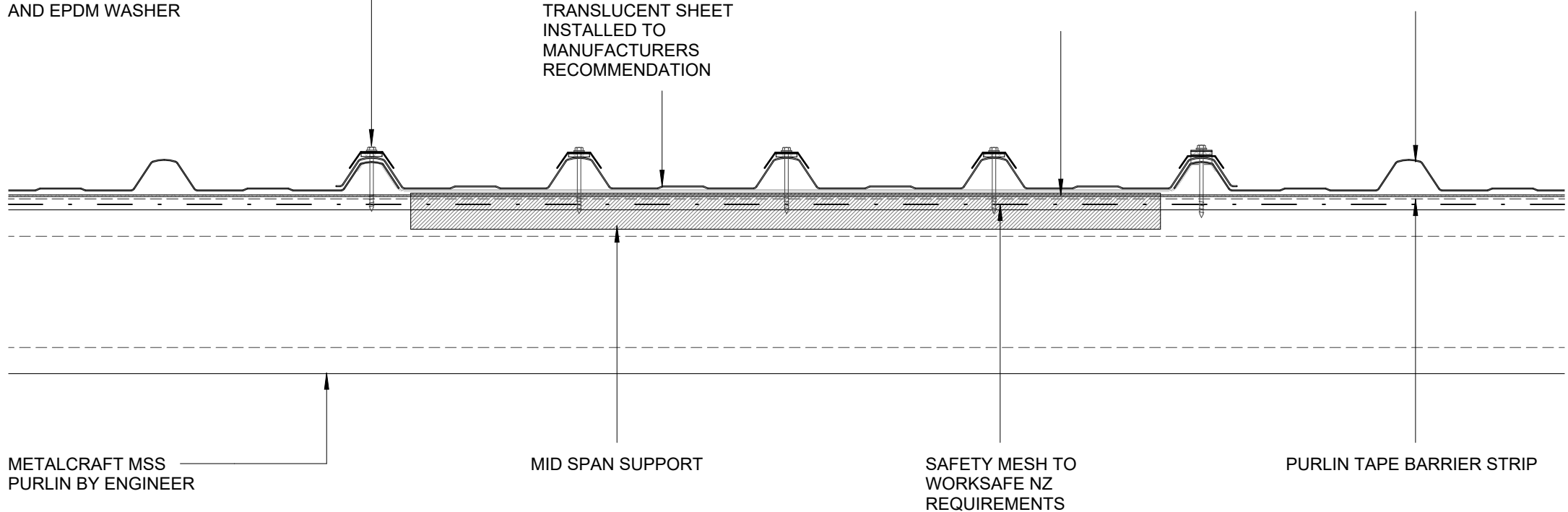
STRUCTURAL STEEL FRAMING BY ENGINEER

FIXING WITH PROFILED WASHER  
AND EPDM WASHER

ALSYNITE ONE NZ LTD T-RIB  
TRANSLUCENT SHEET  
INSTALLED TO  
MANUFACTURERS  
RECOMMENDATION

PURLIN PROTECTION

METALCRAFT T-RIB ROOFING



FIXING AND MID SPAN SUPPORT AS PER  
ALSYNITE ONE NZ LTD LITERATURE  
[WWW.ALSYNITE.CO.NZ](http://WWW.ALSYNITE.CO.NZ)



