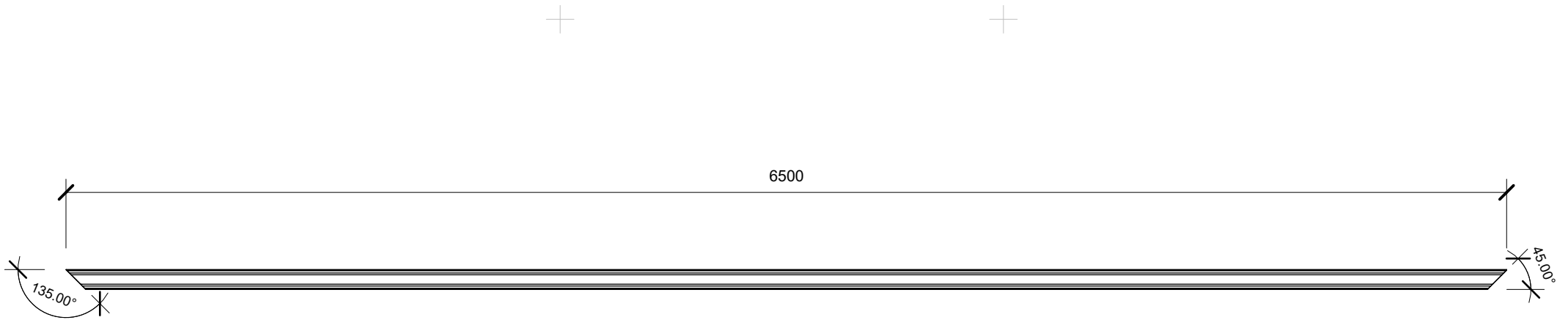


# MCRB40 - Long Run Roofing

## RESIDENTIAL ROOFING

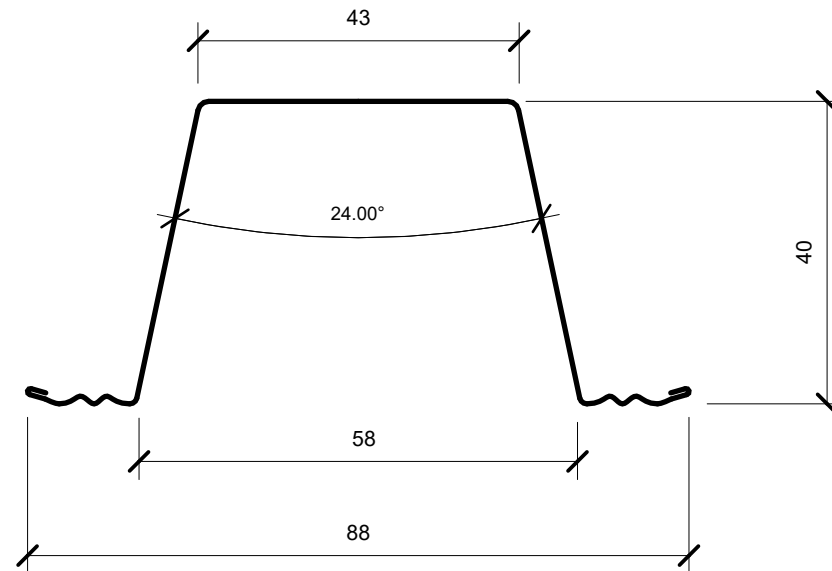
### DETAIL LIST

		<u>Revision</u>	<u>Date</u>
00	COVER SHEET	1.0	JAN 2025
01	MCRB40 ROOF BATTEN	1.0	JAN 2025
02	3D ROOF BATTEN AND TRUSS SPACING	1.0	JAN 2025
03	HIPS AND VALLEY	1.0	JAN 2025
04	JOINTING	1.0	JAN 2025
05	CANTILEVER	1.0	JAN 2025
06	ROOF RIDGE	1.0	JAN 2025
07	HEAD BARGE	1.0	JAN 2025
08	ROOF VALLEY	1.0	JAN 2025
09	RAKING SECRET	1.0	JAN 2025
10	ROOF - CHANGE IN PITCH	1.0	JAN 2025
11	MANSARD	1.0	JAN 2025
12	EAVE WITH SNOW STRAP	1.0	JAN 2025
13	BARGE WITH SOFFIT	1.0	JAN 2025
14	PARAPET WITH TRANSVERSE APRON	1.0	JAN 2025
15	TRANSVERSE APRON	1.0	JAN 2025
16	PARALLEL APRON	1.0	JAN 2025

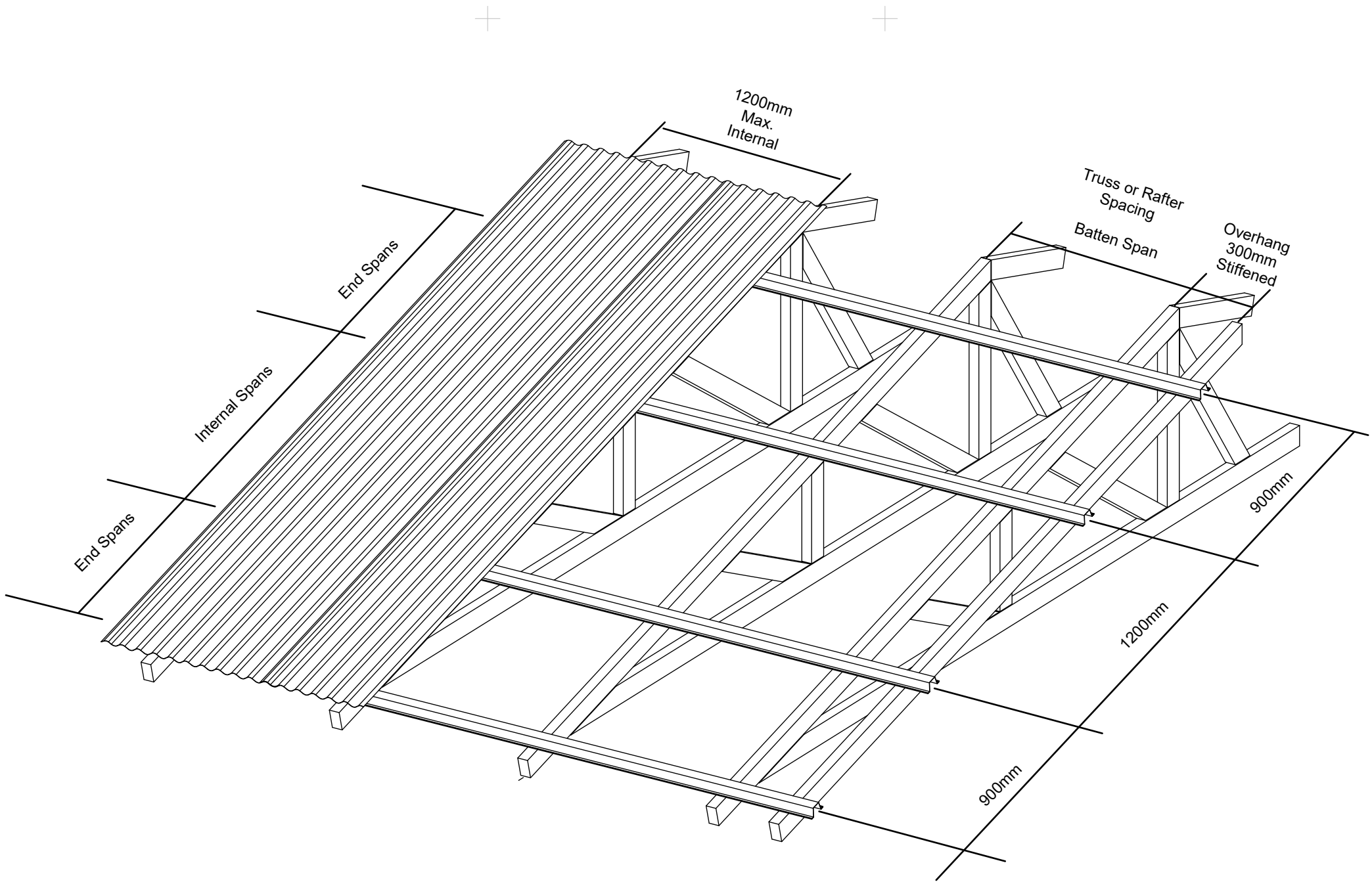


MCRB40 BATTEN PRECUT WITH 45° & 135° MITRES

Scale: 1:25

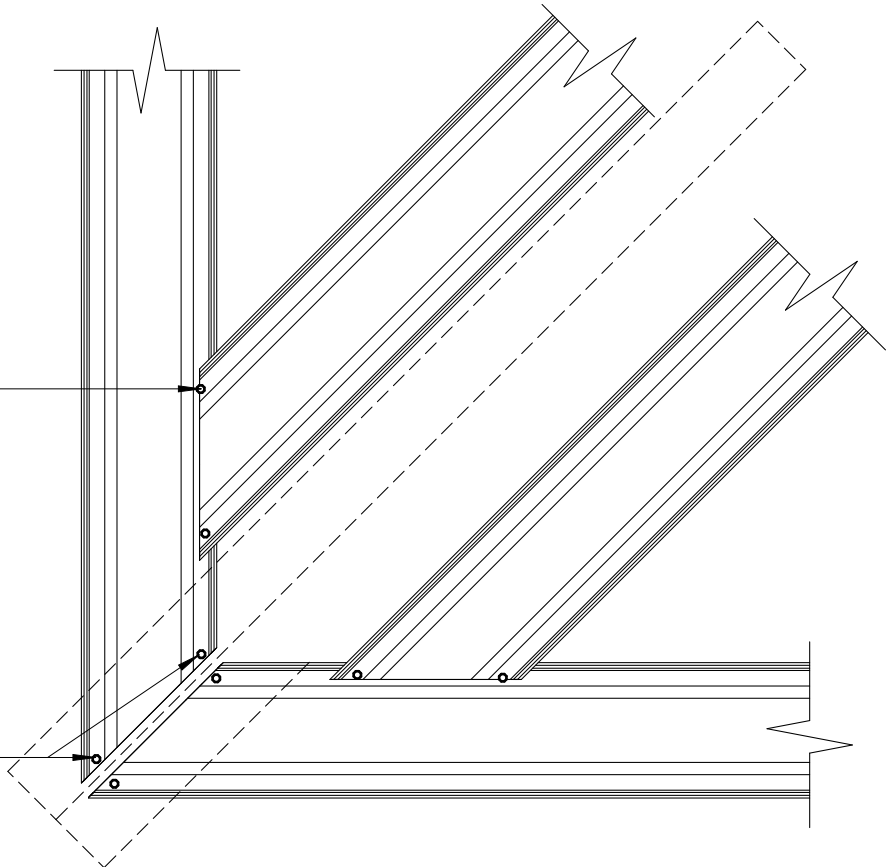


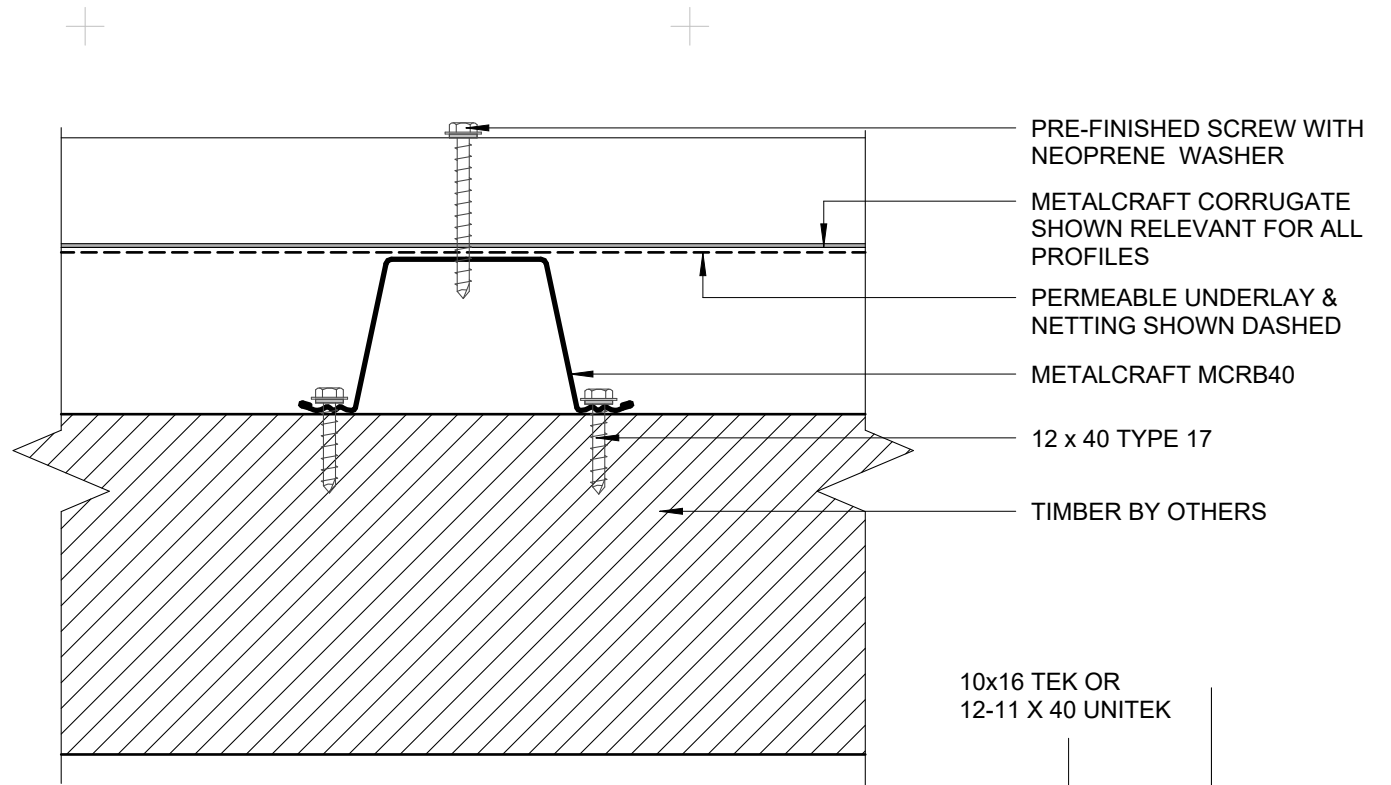
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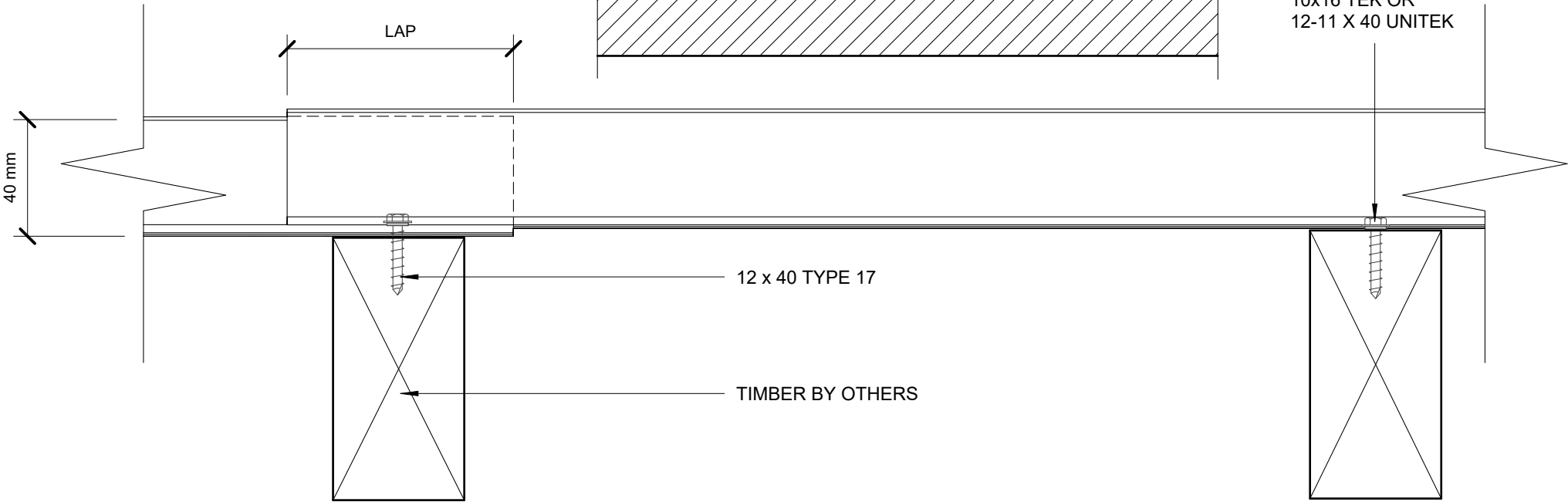
10 x 16 Tek.

12 x 40 Type 17



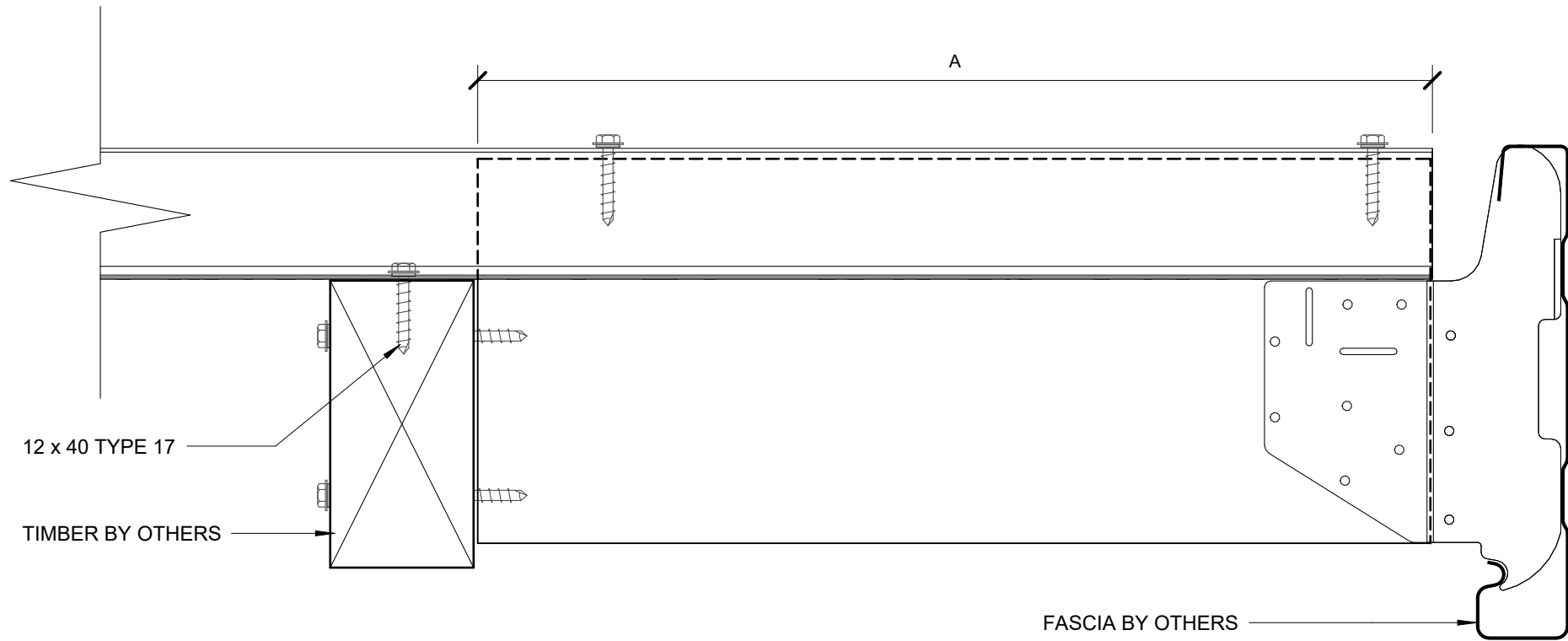


10x16 TEK OR  
12-11 X 40 UNITEK



**DISCLAIMER:**  
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A= The maximum cantilever support span is 40% of the maximum supported span.



**AS PER E2/ASI**

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

\* CORRUGATE MIN. ROOF PITCH = 8°

PRE-FINISHED ROUND RIDGE CAP FLASHING

STOP ENDS TO ROOF CLADDING

METALCRAFT CORRUGATE SHOWN RELEVANT FOR ALL PROFILES

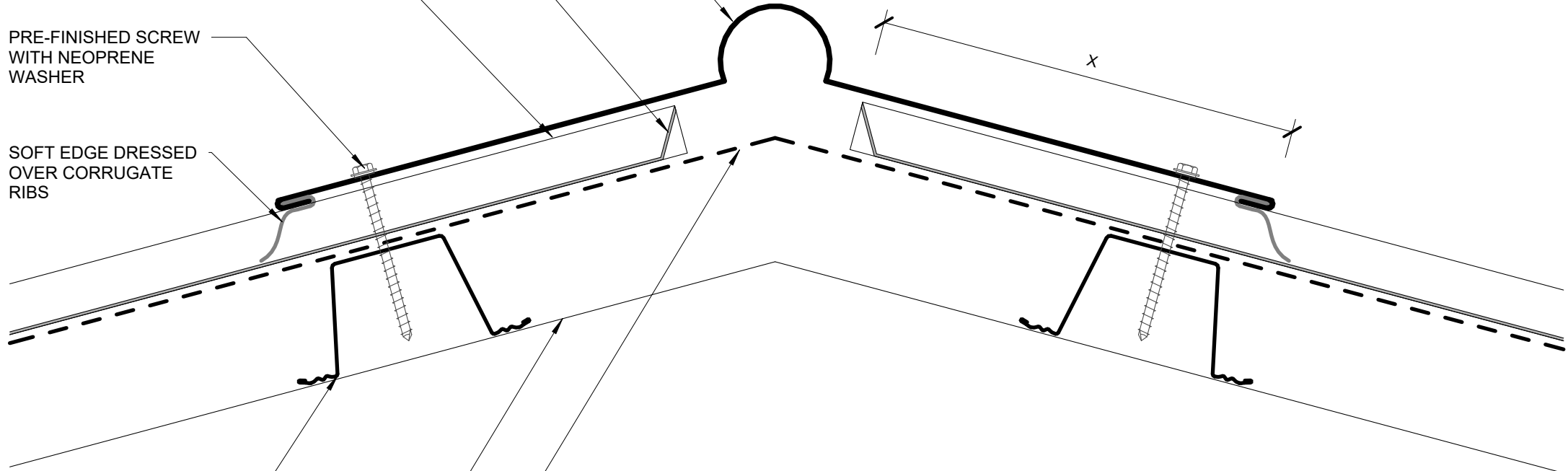
PRE-FINISHED SCREW WITH NEOPRENE WASHER

SOFT EDGE DRESSED OVER CORRUGATE RIBS

METALCRAFT MCRB40 BATTEN

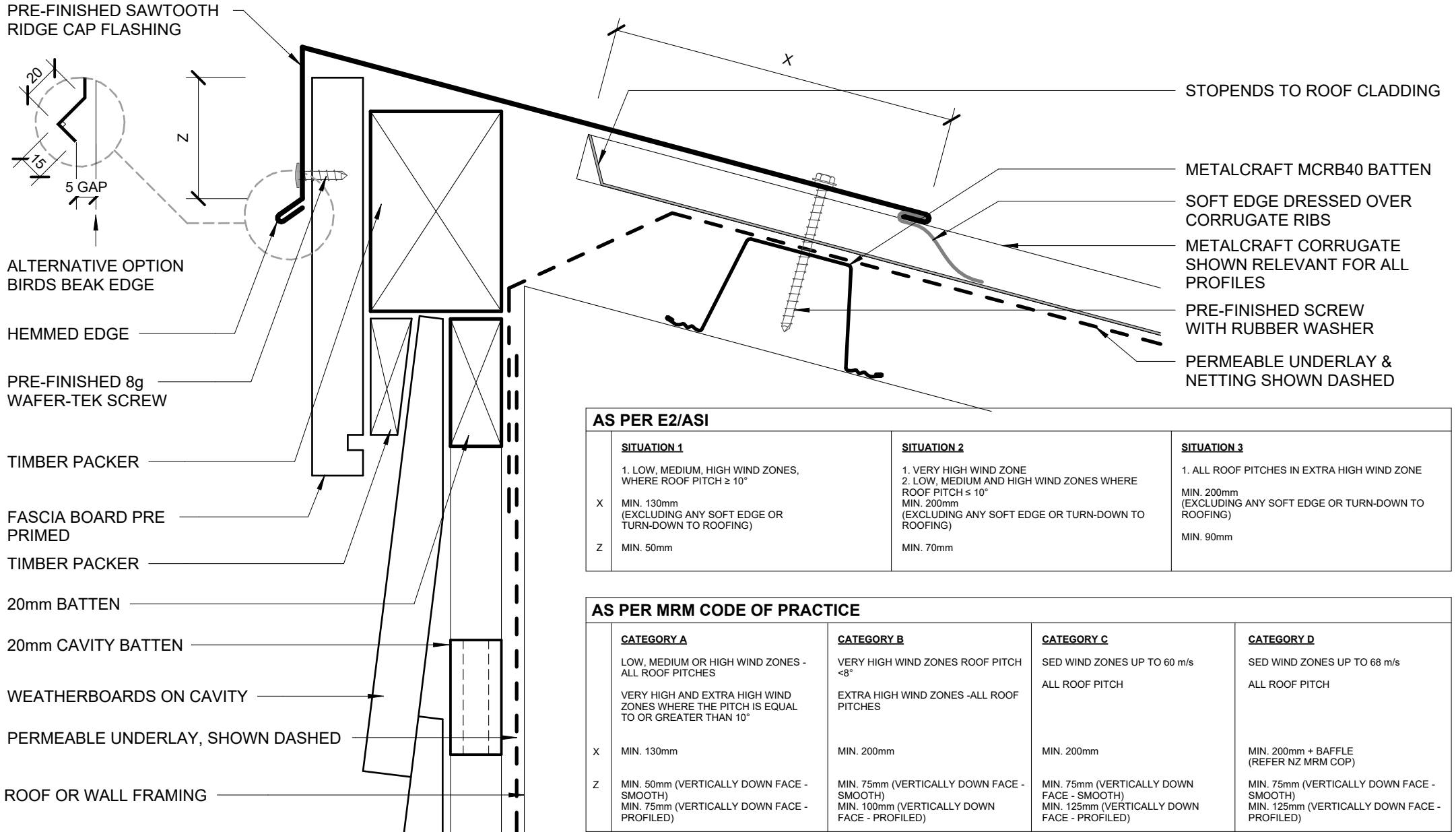
ROOF FRAMING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED



**AS PER MRM CODE OF PRACTICE**

	<b>CATEGORY A</b>	<b>CATEGORY B</b>	<b>CATEGORY C</b>	<b>CATEGORY D</b>
X	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°  MIN. 130mm	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$  EXTRA HIGH WIND ZONES - ALL ROOF PITCHES  MIN. 200mm	SED WIND ZONES UP TO 60 m/s  ALL ROOF PITCH  MIN. 200mm	SED WIND ZONES UP TO 68 m/s  ALL ROOF PITCH  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 ≥ 10°	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
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 (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)
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°	VERY HIGH WIND ZONES ROOF PITCH <8°  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	MIN. 200mm	MIN. 200mm	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. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)



VALLEYS =

20mm MINIMUM FREEBOARD  
UP TO 8 DEGREE ROOF PITCH

15mm MINIMUM FREEBOARD  
OVER 8 DEGREE ROOF PITCH

METALCRAFT CORRUGATE  
SHOWN RELEVANT FOR ALL  
PROFILES

PRE-FINISHED SCREW  
WITH NEOPRENE  
WASHER

OVERALL VALLEY GUTTER WIDTH MIN. 250mm

CLEARANCE BETWEEN ROOFING 50MM MIN.

MIN. 80mm

MIN. 80mm

FREEBOARD

ROOF  
FRAMING

METALCRAFT  
MCRB40 BATTEN

VALLEY BOARD

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

VALLEY GUTTER, MATERIAL AS PER  
E2/AS1 AND MRM CODE OF PRACTICE

VALLEY RAFTER

**AS PER MRM CODE OF PRACTICE**

1. NZMRM ALLOWS FOR CUSTOM GUTTER DESIGN.
2. THE ARCHITECT OR DESIGNER MUST SATISFY THEMSELVES WITH THE CORRECT VALLEY DESIGN FOR THEIR PROJECTS AND REFER TO THE NZMRM CODE OF PRACTICE FOR THE VALLEY CAPACITY CALCULATION TOOL AND ALTERNATIVE SOLUTIONS FOR PITCHES DOWN TO THAT OF THE ALLOWABLE PITCH OF THE SELECTED ROOFING PROFILE.
3. INTERNAL ANGLES OF VALLEYS AS PER NZMRM CODE OF PRACTICE.
4. VALLEYS MUST INCORPORATE ALLOWANCE FOR FREEBOARD AND FOR PITCHES UP TO 8 DEGREES A MINIMUM FREEBOARD REQUIREMENT OF 20mm IS REQUIRED. FOR PITCHES GREATER THAN 8 DEGREES A FREEBOARD OF 15mm IS REQUIRED.
5. REFER NZMRM CODE OF PRACTICE FOR MORE INFORMATION ON VALLEY DESIGNS.

**AS PER E2/AS1**

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

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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.

METALCRAFT CORRUGATE  
SHOWN RELEVANT FOR ALL  
PROFILES

PRE-FINISHED  
SCREW WITH  
NEOPRENE WASHER

MIN. 80mm

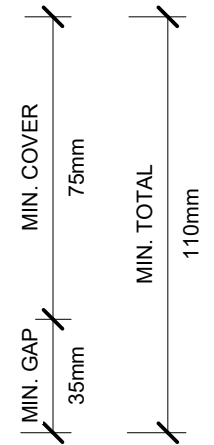
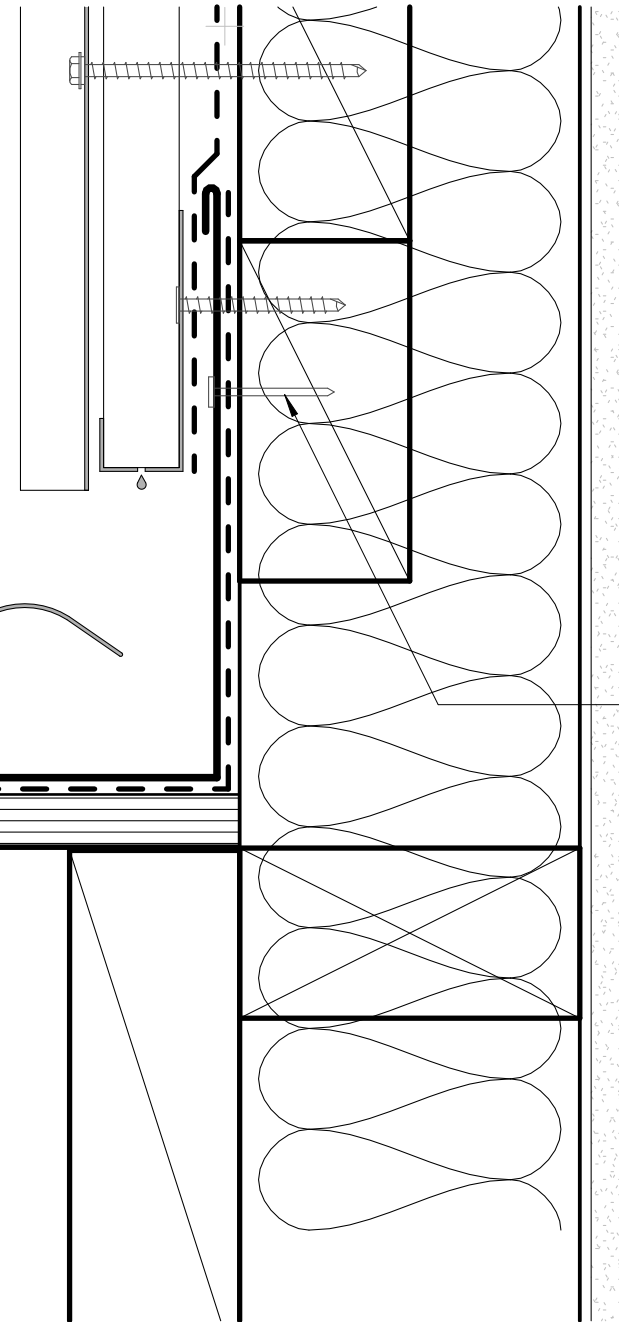
ROOF FRAMING

12 x 40 TYPE 17

METALCRAFT MCRB40 BATTEN

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

HIDDEN GUTTER, MATERIAL AS PER  
E2/AS1 AND MRM CODE OF PRACTICE



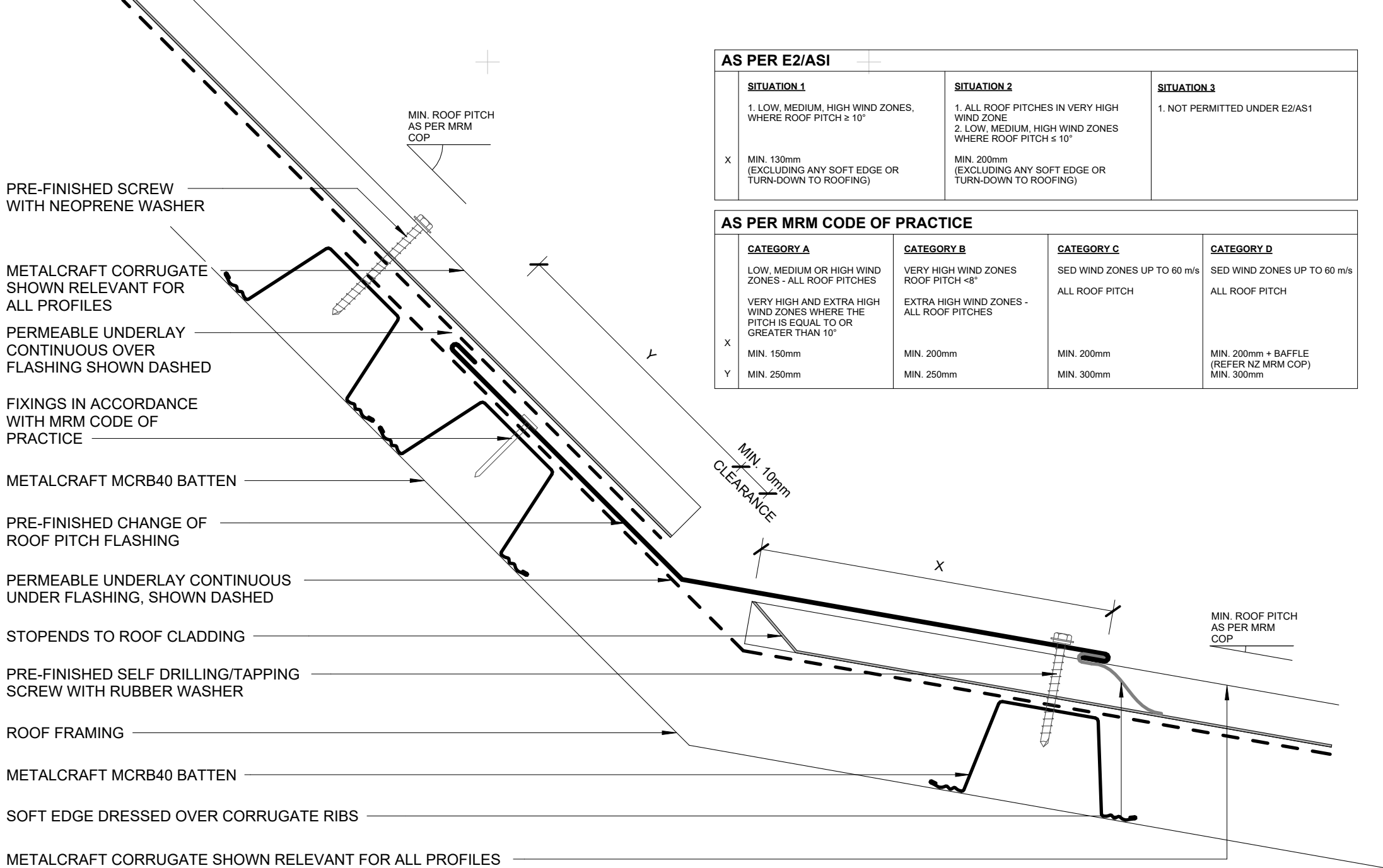
FIXINGS IN ACCORDANCE  
WITH MRM CODE OF  
PRACTICE

**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



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, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. NOT PERMITTED UNDER E2/ASI
X MIN. 130mm (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 ALL ROOF PITCH	SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH
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		
X MIN. 150mm	MIN. 200mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)
Y MIN. 250mm	MIN. 250mm	MIN. 300mm	MIN. 300mm

METALCRAFT CORRUGATE SHOWN RELEVANT FOR ALL PROFILES

FIXINGS IN ACCORDANCE WITH MRM CODE OF PRACTICE

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

PERMEABLE UNDERLAY & NETTING CONTINUOUS OVER FLASHING, SHOWN DASHED

METALCRAFT MCRB40 BATTEN

PRE-FINISHED CHANGE OF ROOF PITCH FLASHING

PERMEABLE UNDERLAY CONTINUOUS UNDER FLASHING SHOWN DASHED

STOPENDS TO ROOF CLADDING

ROOF FRAMING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

METALCRAFT MCRB40 BATTEN

SOFT EDGE DRESSED OVER CORRUGATE RIBS

METALCRAFT CORRUGATE SHOWN RELEVANT FOR ALL PROFILES

MIN. ROOF PITCH AS PER MRM COP

50mm RECOMMENDED

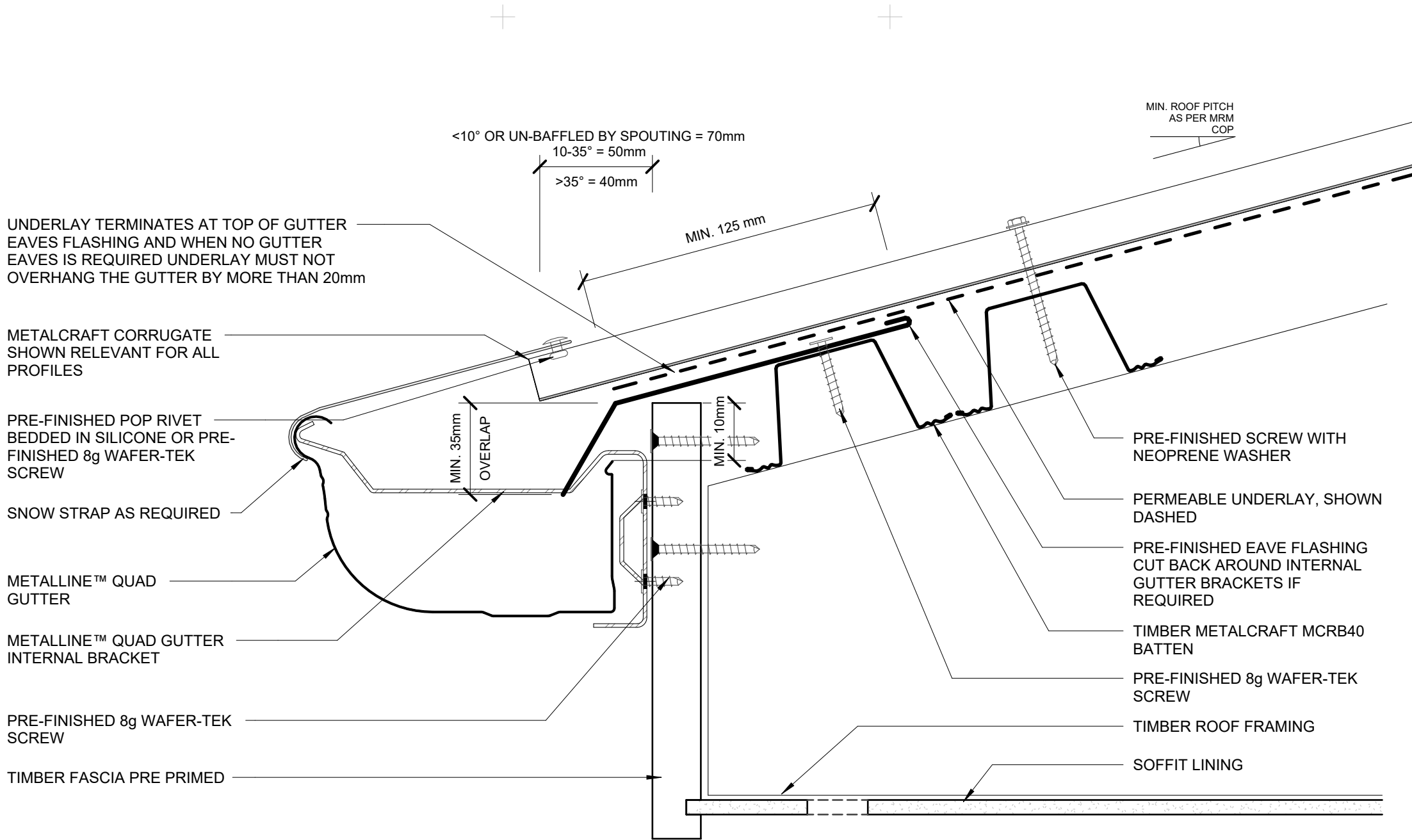
MIN. ROOF PITCH AS PER MRM COP

**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. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. NOT PERMITTED UNDER E2/AS1
X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	

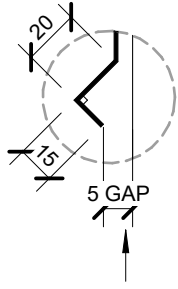
**AS PER MRM CODE OF PRACTICE**

	<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 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 60 m/s  ALL ROOF PITCH
X	MIN. 130mm	MIN. 200mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)
Y	MIN. 250mm	MIN. 250mm	MIN. 300mm	MIN. 300mm



UNDERSOAKER  
FLASHING REQUIRED  
FOR NZ MRM COP  
CATEGORY D ONLY

PRE-FINISHED 8g  
WAFER-TEK SCREW



ALTERNATIVE  
OPTION  
BIRDS BEAK EDGE

HEMMED EDGE

FLY RAFTER

BARGE BOARD PRE  
PRIMED

SOFFIT LINING

PRE-FINISHED  
BARGE FLASHING

METALCRAFT CORRUGATE SHOWN  
RELEVANT FOR ALL PROFILES

PRE-FINISHED SCREW WITH  
NEOPRENE WASHER

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

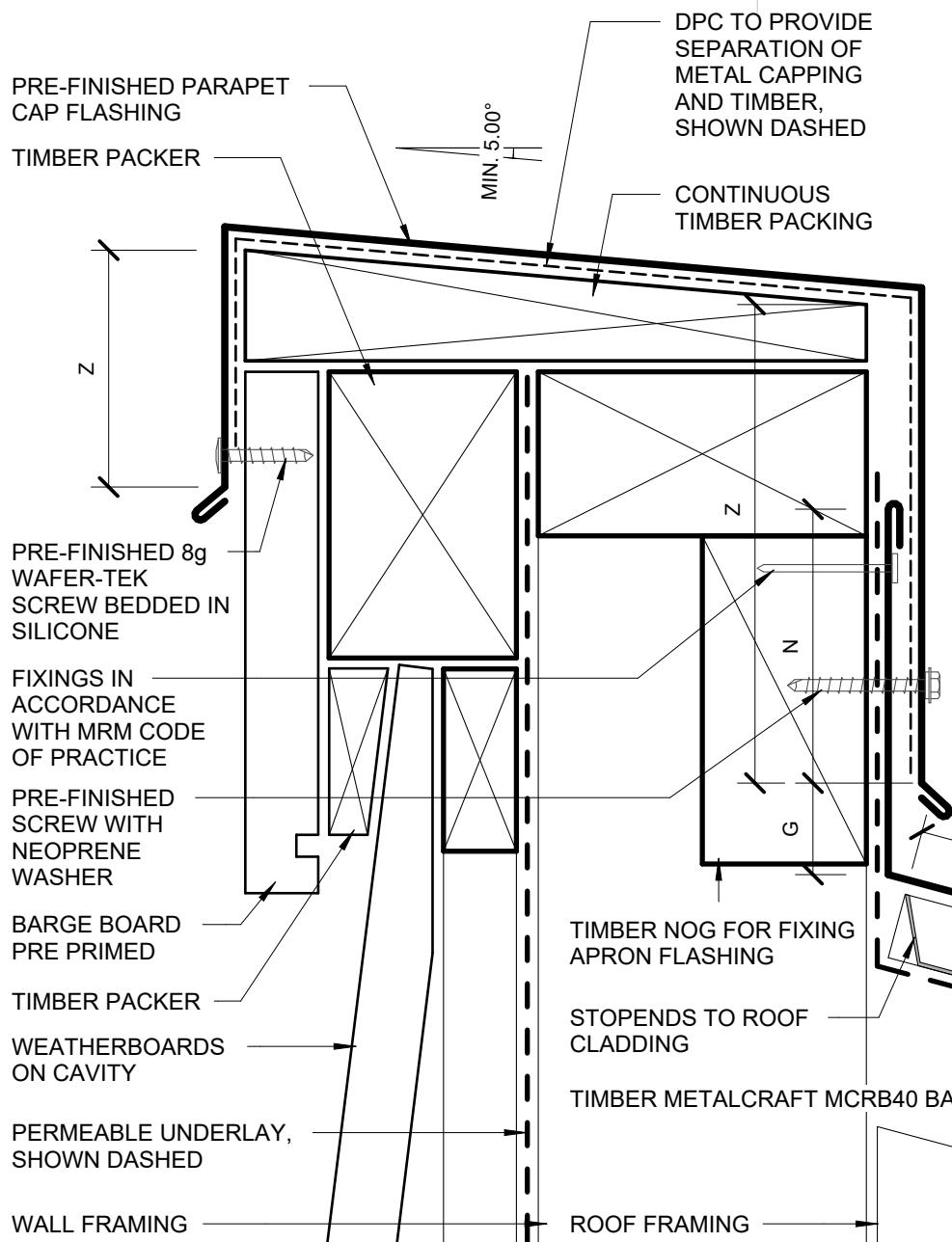
PERMEABLE UNDERLAY & NETTING  
SHOWN DASHED

METALCRAFT  
MCRB40  
BATTEN

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 MIN. 70mm	AT LEAST TWO CRESTS MIN. 90mm
Z MIN. 50mm		

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 (>34mm)*	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34mm)*	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB (>34mm)* + UNDERSOAKER
CORRUGATE: 2 CORRUGATIONS	CORRUGATE: 3 CORRUGATIONS	CORRUGATE: 3 CORRUGATIONS	CORRUGATE: 3 CORRUGATIONS
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



### 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 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

	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)
L	MIN. 150mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)	MIN. 200mm + BAFFLE (REFER NZ MRM COP)
Z	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)

MIN. ROOF PITCH AS PER MRM COP

PRE-FINISHED APRON FLASHING

SOFT EDGE DRESSED OVER CORRUGATE RIBS

METALCRAFT CORRUGATE SHOWN RELEVANT FOR ALL PROFILES

PRE-FINISHED SCREW WITH NEOPRENE WASHER

PERMEABLE UNDERLAY, SHOWN DASHED

WEATHERBOARDS ON CAVITY

PERMEABLE UNDERLAY OVER FLASHING, SHOWN DASHED

PVC CAVITY CLOSER

FIXINGS IN ACCORDANCE WITH MRM CODE OF PRACTICE

CANT STRIP PACKER

PRE-FINISHED APRON FLASHING

PERMEABLE UNDERLAY, SHOWN DASHED

NOG FOR FIXING APRON FLASHING

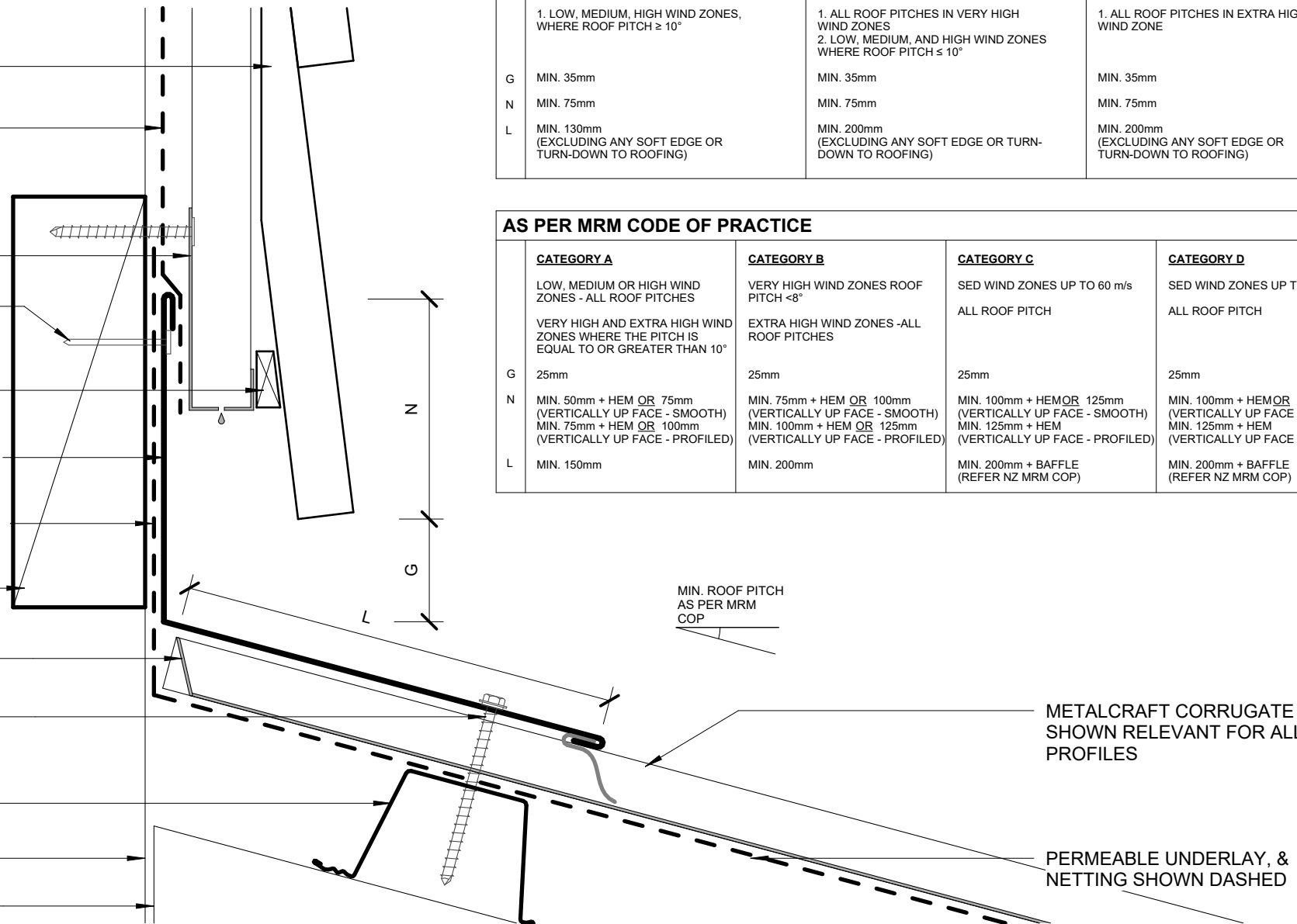
STOPENDS TO ROOF CLADDING

PRE-FINISHED SCREW WITH NEOPRENE WASHER

METALCRAFT MCRB40 BATTEN

WALL FRAMING

ROOF FRAMING



**AS PER E2/ASI**

	<b>SITUATION 1</b> 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	<b>SITUATION 2</b> 1. ALL ROOF PITCHES IN VERY HIGH WIND ZONES 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	<b>SITUATION 3</b> 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)

**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
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. 150mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)	MIN. 200mm + BAFFLE (REFER NZ MRM COP)



