

# Metrib 760

## RESIDENTIAL ROOFING

### DETAIL LIST

		<u>Revision</u>	<u>Date</u>
A 00 / 26	COVER SHEET		
A 01 / 26	ROOF RIDGE	3.0	SEP 2024
A 02 / 26	ROOF RIDGE (ROUND)	3.0	SEP 2024
A 03 / 26	SAWTOOTH RIDGE WITH NO SOFFIT	3.0	SEP 2024
A 04 / 26	SAWTOOTH EAVE WITH SOFFIT	3.0	SEP 2024
A 05 / 26	ROOF VALLEY	3.0	SEP 2024
A 06 / 26	ASYMMETRICAL ROOF VALLEY	3.0	SEP 2024
A 07 / 26	INTERNAL GUTTER	3.0	SEP 2024
A 08 / 26	PARALLEL HIDDEN GUTTER	3.0	SEP 2024
A 09 / 26	PARALLEL HIDDEN GUTTER (2 PART FLASHING)	3.0	SEP 2024
A 10 / 26	ROOF - CHANGE PITCH	3.0	SEP 2024
A 11 / 26	MANSARD	3.0	SEP 2024
A 12 / 26	EAVE WITH SNOW STRAP	3.0	SEP 2024
A 13 / 26	BARGE WITH NO SOFFIT	3.0	SEP 2024
A 14 / 26	BARGE WITH SOFFIT	3.0	SEP 2024

### DETAIL LIST

		<u>Revision</u>	<u>Date</u>
A 15 / 26	PARAPET WITH TRANSVERSE APRON	3.0	SEP 2024
A 16 / 26	TRANSVERSE APRON	3.0	SEP 2024
A 17 / 26	PARALLEL APRON	3.0	SEP 2024
A 18 / 26	PIPE PENETRATION DIRECT FIXED BOUT FLASHING	3.0	SEP 2024
A 19 / 26	PIPE PENETRATION BACK TRAY BOOT FLASHING	3.0	SEP 2024
A 20 / 26	3D RIDGE TO BARGE JUNCTION	3.0	SEP 2024
A 21 / 26	3D DUTCH GABLE	3.0	SEP 2024
A 22 / 26	3D APRON	3.0	SEP 2024
A 23 / 26	BACK TRAY PENETRATION	3.0	SEP 2024
A 24 / 26	3D CHIMNEY PENETRATION	3.0	SEP 2024
A 25 / 26	3D RIDGE/BARGE FLASHINGS	3.0	SEP 2024
A 26 / 26	3D DUTCH GABLE FLASHINGS	3.0	SEP 2024

RRMR760

**Metalcraft**  
Roofing  
www.metalcraftgroup.co.nz

PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METRIB 760  
ROOFING

PRE-FINISHED SCREW  
WITH NEOPRENE  
WASHER

SOFT EDGE OR  
NOTCHED DRESSED  
OVER METRIB 760  
RIBS

PURLIN

ROOF FRAMING

PERMEABLE UNDERLAY &  
NETTING SHOWN DASHED

## AS PER E2/ASI

### SITUATION 1

1. LOW, MEDIUM, HIGH WIND ZONES, WHERE  
ROOF PITCH  $\geq 10^\circ$

X MIN. 130mm  
(EXCLUDING ANY SOFT EDGE OR TURN-DOWN  
TO ROOFING)

### SITUATION 2

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)

### SITUATION 3

1. ALL ROOF PITCHES IN EXTRA HIGH WIND  
ZONE.  
MIN. 200mm  
(EXCLUDING ANY SOFT EDGE OR TURN-DOWN  
TO ROOFING)

\* METRIB 760 MIN. ROOF PITCH =  $8^\circ$

## AS PER MRM CODE OF PRACTICE

### CATEGORY A

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

### CATEGORY B

VERY HIGH WIND ZONES ROOF  
PITCH  $< 8^\circ$

EXTRA HIGH WIND ZONES -ALL  
ROOF PITCHES

MIN. 200mm

### CATEGORY C

SED WIND ZONES UP TO 60 m/s  
ALL ROOF PITCH

MIN. 200mm

### CATEGORY D

SED WIND ZONES UP TO 68 m/s  
ALL ROOF PITCH

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

PRE-FINISHED RIDE ROUND CAP  
FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METRIB 760  
ROOFING

PRE-FINISHED SCREW  
WITH NEOPRENE  
WASHER

SOFT EDGE OR  
NOTCHED DRESSED  
OVER METRIB 760  
RIBS

PURLIN

ROOF FRAMING

PERMEABLE UNDERLAY &  
NETTING SHOWN DASHED

## AS PER E2/ASI

### SITUATION 1

1. LOW, MEDIUM, HIGH WIND ZONES, WHERE  
ROOF PITCH  $\geq 10^\circ$

X MIN. 130mm  
(EXCLUDING ANY SOFT EDGE OR TURN-DOWN  
TO ROOFING)

### SITUATION 2

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)

### SITUATION 3

1. ALL ROOF PITCHES IN EXTRA HIGH WIND  
ZONE.

MIN. 200mm  
(EXCLUDING ANY SOFT EDGE OR TURN-DOWN  
TO ROOFING)

\* METRIB 760 MIN. ROOF PITCH =  $8^\circ$

## AS PER MRM CODE OF PRACTICE

### CATEGORY A

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

### CATEGORY B

VERY HIGH WIND ZONES ROOF  
PITCH  $< 8^\circ$

EXTRA HIGH WIND ZONES - ALL  
ROOF PITCHES

MIN. 200mm

### CATEGORY C

SED WIND ZONES UP TO 60 m/s

ALL ROOF PITCH

MIN. 200mm

### CATEGORY D

SED WIND ZONES UP TO 68 m/s

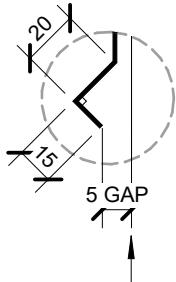
ALL ROOF PITCH

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

STOPENDS TO ROOF CLADDING

\* METRIB 760 MIN. ROOF PITCH = 8°

PRE-FINISHED SAWTOOTH  
RIDGE CAP FLASHING



ALTERNATIVE OPTION  
BIRDS BEAK EDGE

HEMMED EDGE

PRE-FINISHED 8g  
WAFFER-TEK SCREW

TIMBER PACKER

FASCIA BOARD PRE PRIMED

TIMBER PACKER

20mm BATTEN

WEATHERBOARDS ON CAVITY

PERMEABLE UNDERLAY, SHOWN  
DASHED

ROOF OR WALL FRAMING

20mm CAVITY BATTEN

PRE-FINISHED SCREW  
WITH NEOPRENE WASHER

SOFT EDGE OR NOTCHED  
DRESSED OVER METRIB 760 RIBS

METALCRAFT METRIB 760  
ROOFING

PERMEABLE UNDERLAY &  
NETTING SHOWN DASHED

PURLIN

AS PER E2/ASI

SITUATION 1

1. LOW, MEDIUM, HIGH WIND ZONES,  
WHERE ROOF PITCH ≥ 10°

X MIN. 130mm  
(EXCLUDING ANY SOFT EDGE OR  
TURN-DOWN TO ROOFING)

Z MIN. 50mm

SITUATION 2

1. VERY HIGH WIND ZONE  
2. LOW, MEDIUM AND HIGH WIND ZONES WHERE  
ROOF PITCH ≤ 10°  
MIN. 200mm  
(EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO  
ROOFING)

MIN. 70mm

SITUATION 3

1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE  
MIN. 200mm  
(EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO  
ROOFING)

MIN. 90mm

AS PER MRM CODE OF PRACTICE

CATEGORY A

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°

X MIN. 130mm

Z MIN. 50mm (VERTICALLY DOWN FACE -  
SMOOTH)  
MIN. 75mm (VERTICALLY DOWN FACE -  
PROFILED)

CATEGORY B

VERY HIGH WIND ZONES ROOF PITCH  
<8°  
  
EXTRA HIGH WIND ZONES -ALL ROOF  
PITCHES

MIN. 200mm

MIN. 75mm (VERTICALLY DOWN FACE -  
SMOOTH)  
MIN. 100mm (VERTICALLY DOWN  
FACE - PROFILED)

CATEGORY C

SED WIND ZONES UP TO 60 m/s  
ALL ROOF PITCH

MIN. 200mm

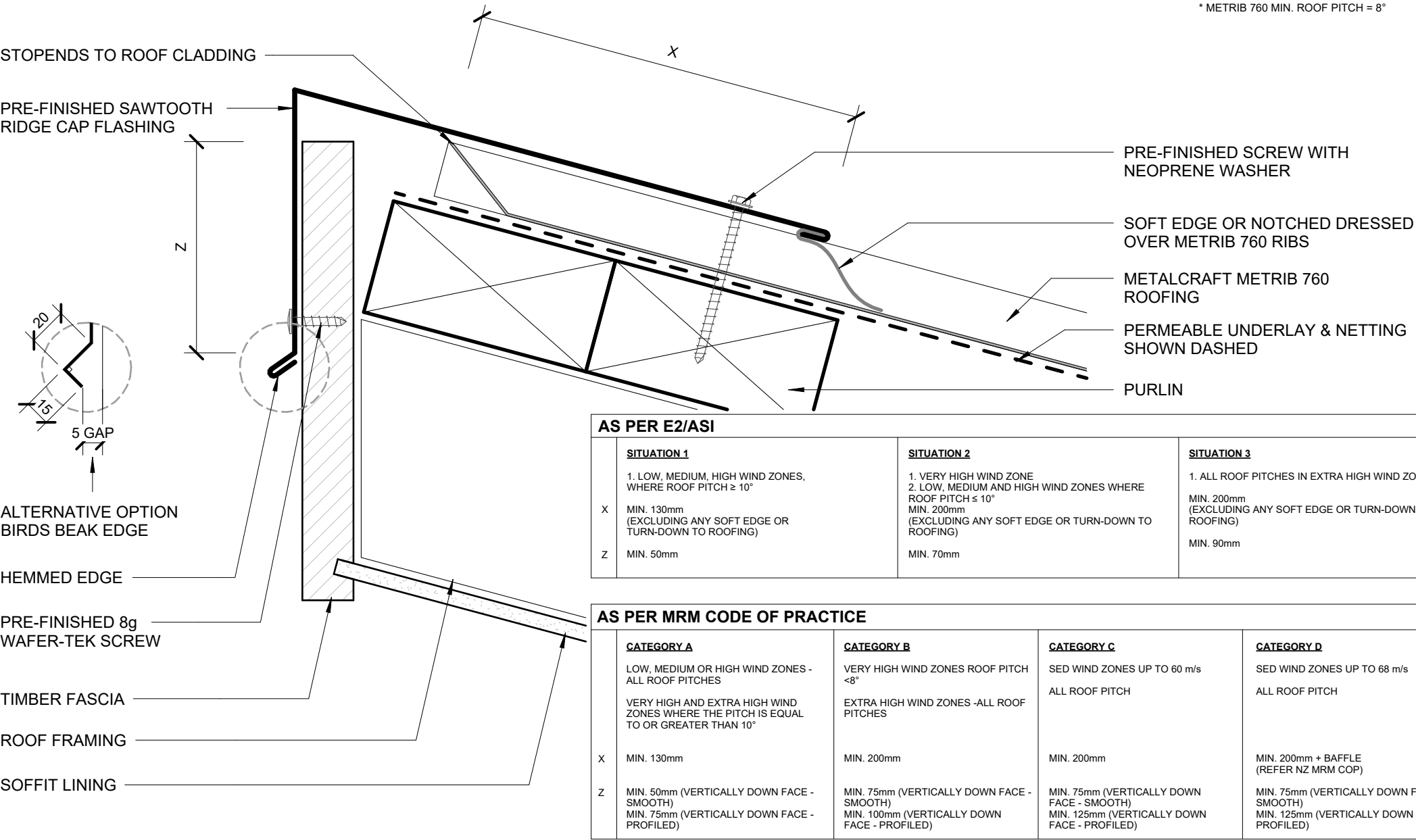
MIN. 75mm (VERTICALLY DOWN  
FACE - SMOOTH)  
MIN. 125mm (VERTICALLY DOWN  
FACE - PROFILED)

CATEGORY D

SED WIND ZONES UP TO 68 m/s  
ALL ROOF PITCH

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

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

\* METRIB 760 MIN. ROOF PITCH = 8°

METALCRAFT 760 ROOFING

PRE-FINISHED SCREW  
WITH NEOPRENE  
WASHER

OVERALL VALLEY GUTTER WIDTH MIN. 250mm

CLEARANCE BETWEEN ROOFING 50mm MIN.

MIN. 80mm

MIN. 80mm

ROOF  
FRAMING

PURLIN

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

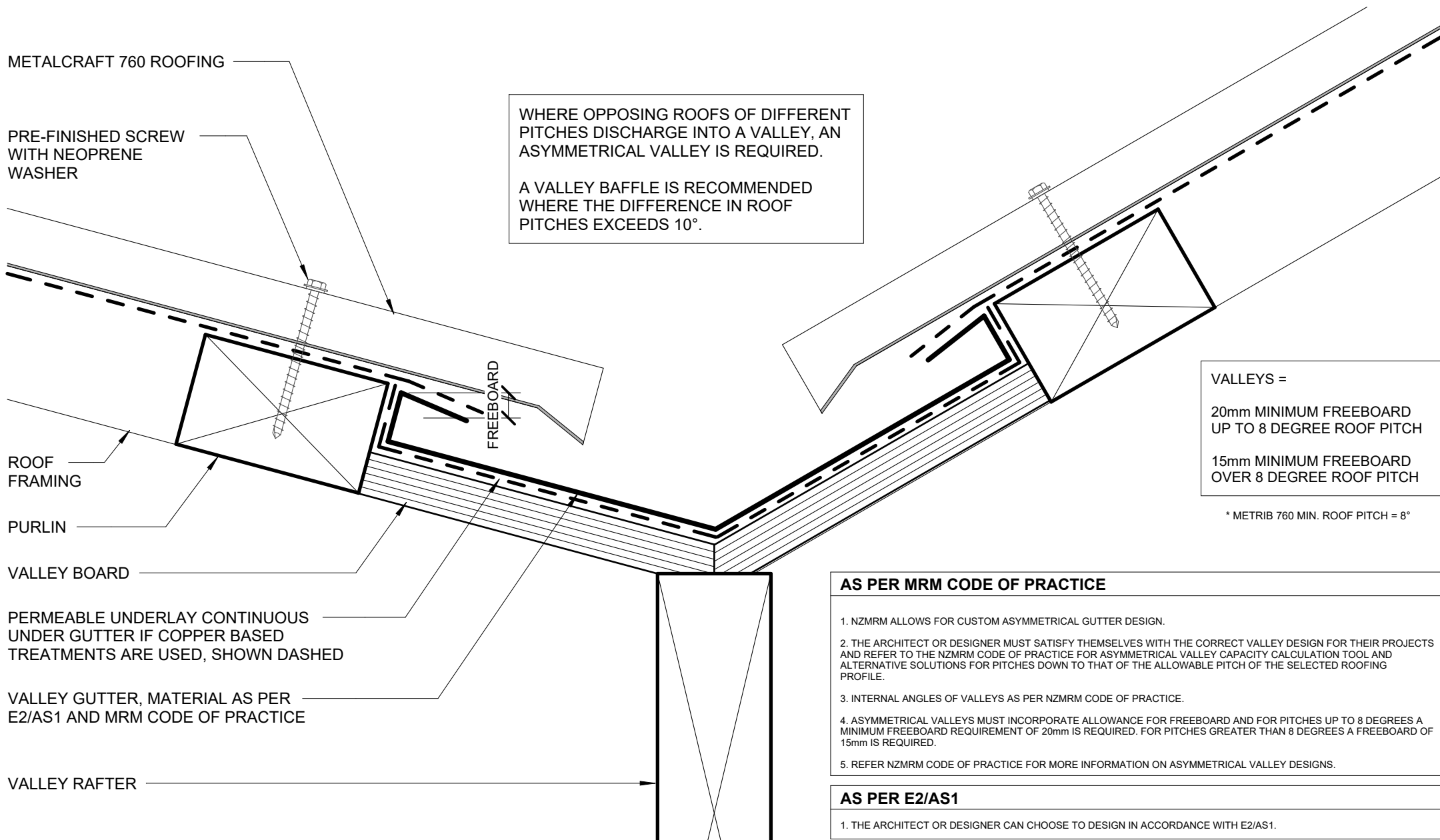
FREEBOARD

#### 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.



METALCRAFT METRIB 760  
ROOFING

SEPARATION OF BUTYL  
GUTTER AND METAL  
ROOFING WITH LAP  
SEAL TAPE

PRE-FINISHED  
SCREW WITH  
NEOPRENE WASHER

MIN. 50mm

FREEBOARD

PURLIN

ROOF FRAMING

TIMBER FILLET

GUTTER BOARD

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

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

VALLEY RAFTER

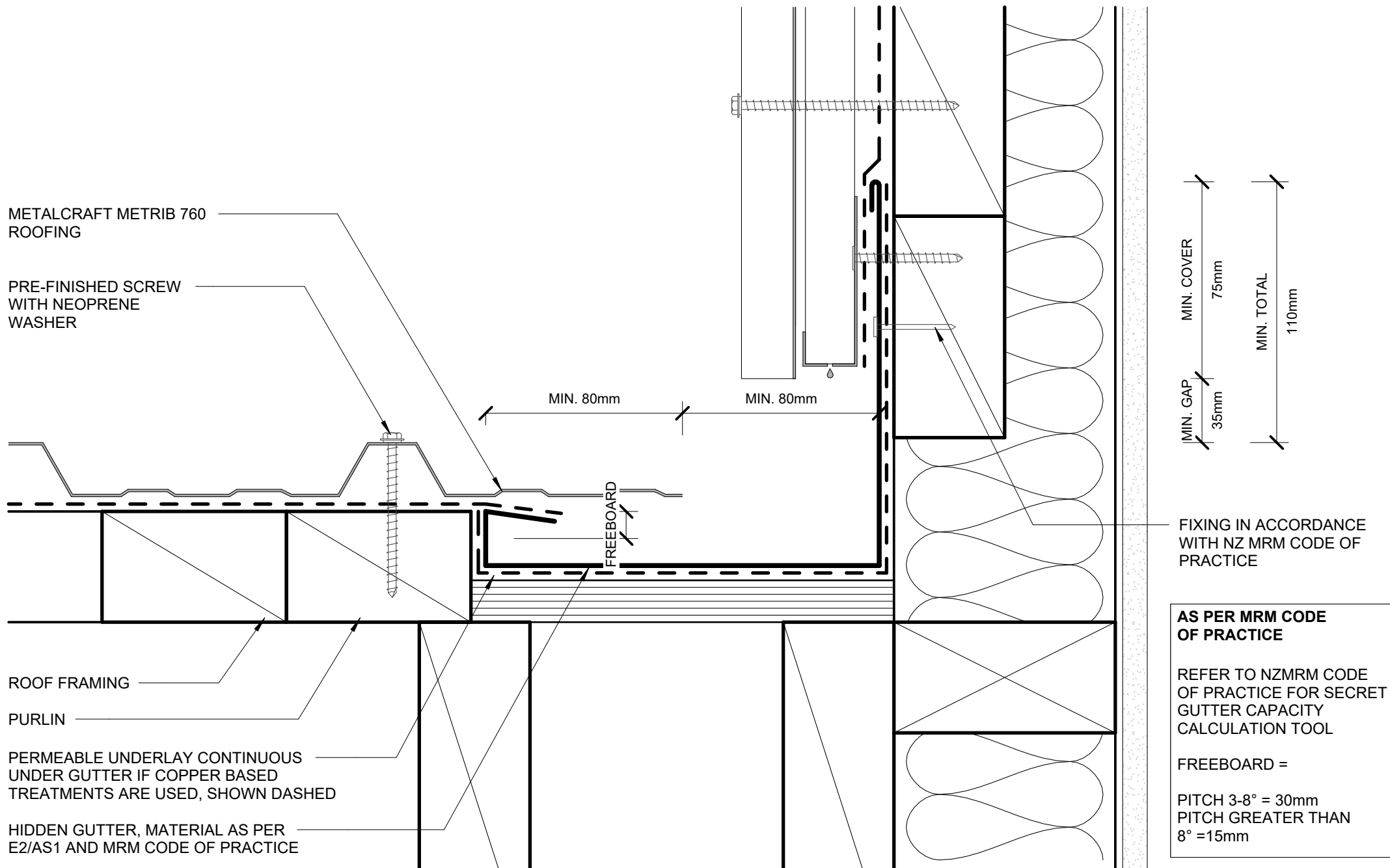
#### AS PER MRM CODE OF PRACTICE

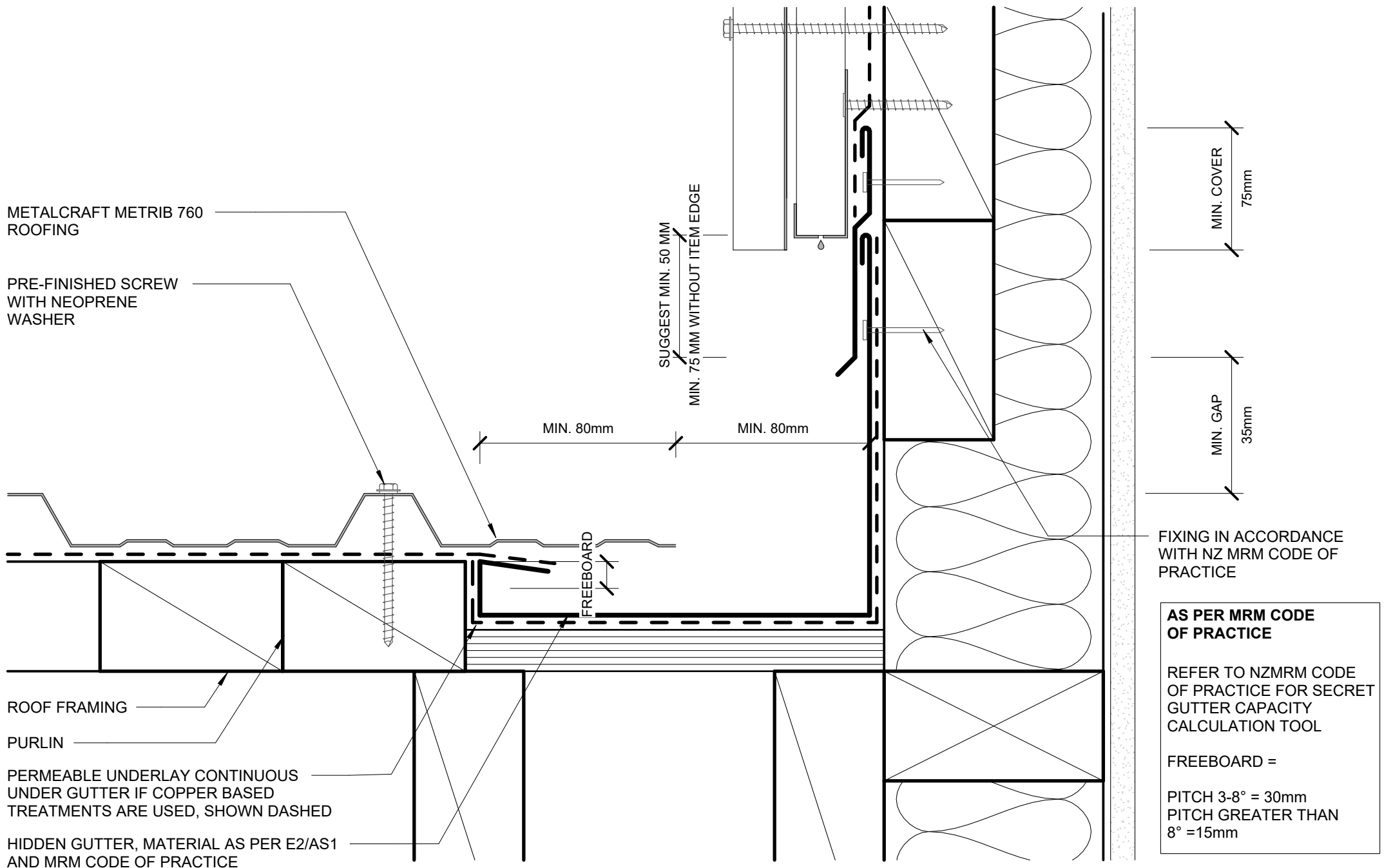
1. NZMRM ALLOWS FOR CUSTOM INTERNAL GUTTER DESIGN.
2. THE ARCHITECT OR DESIGNER MUST SATISFY THEMSELVES WITH THE CORRECT INTERNAL GUTTER DESIGN FOR THEIR PROJECTS AND REFER TO THE NZMRM CODE OF PRACTICE FOR THE INTERNAL GUTTER CAPACITY CALCULATION TOOL AND ALTERNATIVE SOLUTIONS FOR PITCHES DOWN TO THAT 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.

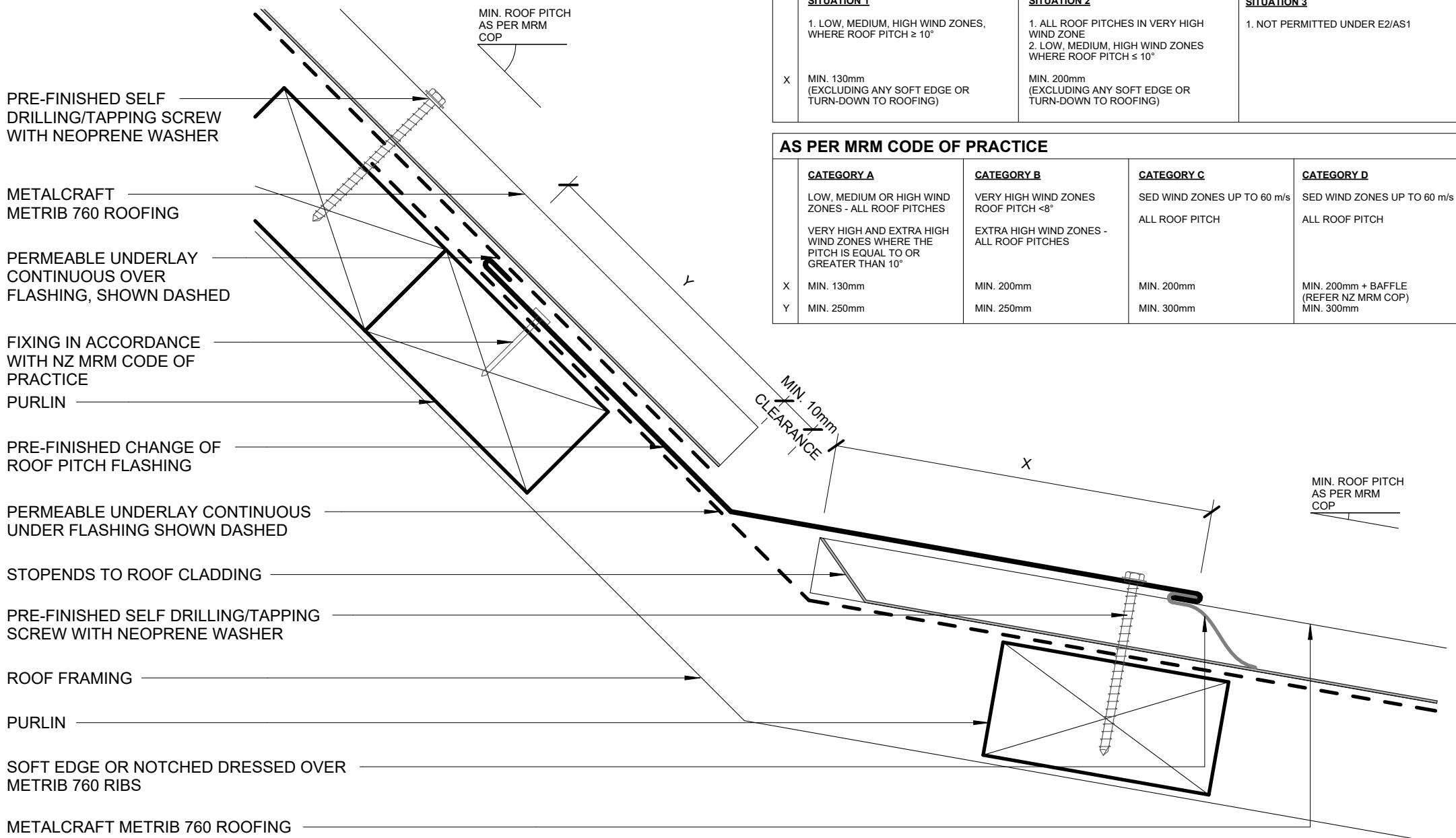
#### AS PER E2/AS1

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









## AS PER E2/AS1

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/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

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

METALCRAFT  
METRIB 760 ROOFING

FIXING IN ACCORDANCE  
WITH NZ MRM CODE OF  
PRACTICE

PRE-FINISHED SELF  
DRILLING/TAPPING SCREW  
WITH NEOPRENE WASHER

PERMEABLE UNDERLAY  
CONTINUOUS OVER  
FLASHING, SHOWN DASHED

PURLIN

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

PURLIN

SOFT EDGE OR NOTCHED DRESSED OVER  
METRIB 760 RIBS

METALCRAFT METRIB 760 ROOFING

MIN. ROOF PITCH  
AS PER MRM  
COP

Y

50mm RECOMMENDED

MIN. ROOF PITCH  
AS PER MRM  
COP

## AS PER E2/AS1

### SITUATION 1

1. LOW, MEDIUM, HIGH WIND ZONES,  
WHERE ROOF PITCH  $\geq 10^\circ$

X MIN. 130mm  
(EXCLUDING ANY SOFT EDGE OR  
TURN-DOWN TO ROOFING)

### SITUATION 2

1. ALL ROOF PITCHES IN 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)

### SITUATION 3

1. NOT PERMITTED UNDER E2/AS1

## AS PER MRM CODE OF PRACTICE

### CATEGORY A

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

Y MIN. 250mm

### CATEGORY B

VERY HIGH WIND ZONES  
ROOF PITCH  $< 8^\circ$

EXTRA HIGH WIND ZONES -  
ALL ROOF PITCHES

MIN. 200mm

MIN. 250mm

### CATEGORY C

SED WIND ZONES UP TO 60 m/s

ALL ROOF PITCH

MIN. 200mm

MIN. 300mm

### CATEGORY D

SED WIND ZONES UP TO 60 m/s

ALL ROOF PITCH

MIN. 200mm + BAFFLE  
(REFER NZ MRM COP)  
MIN. 300mm

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

$10^\circ - 35^\circ = 50\text{mm}$   
 $>35^\circ = 40\text{mm}$

MIN. ROOF PITCH  
 AS PER MRM  
 COP

METALCRAFT METRIB 760 ROOFING

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

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

SNOW STRAP AS REQUIRED

METALCRAFT COLONIAL QUAD GUTTER

METALCRAFT COLONIAL QUAD GUTTER WITH INTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK SCREW

TIMBER FASCIA

MIN. 125 mm

MIN. 35mm  
 OVERLAP

\*OVERFLOW

MIN. 10mm

PRE-FINISHED SCREW WITH NEOPRENE WASHER

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

TIMBER PURLIN

FIXING IN ACCORDANCE WITH NZ MRM CODE OF PRACTICE

TIMBER ROOF FRAMING

SOFFIT LINING

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 Roofing  
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DISCLAIMER:  
 All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice and 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.

Metrib 760

Rev. 3.0

Reference RRM760

Date SEP 2024

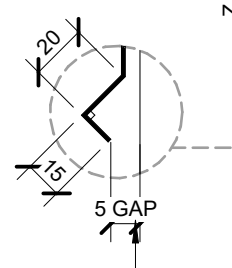
EAVE WITH SNOW STRAP  
 RESIDENTIAL ROOFING

Scale 1 : 2

Sheet **A 12 / 26**

UNDERSOAKER  
FLASHING REQUIRED  
FOR NZ MRM COP  
CATEGORY D ONLY

PRE-FINISHED  
BARGE FLASHING



ALTERNATIVE  
OPTION  
BIRDS BEAK EDGE

HEMMED EDGE

TIMBER PACKER

ROOF FRAMING

BARGE BOARD  
PRE PRIMED

TIMBER PACKER

20mm BATTEN

WEATHERBOARDS  
ON CAVITY

PERMEABLE UNDERLAY,  
SHOWN DASHED

20mm CAVITY BATTEN

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

X

5-10mm

5mm GAP

PRE-FINISHED SCREW WITH NEOPRENE  
WASHER

PERMEABLE UNDERLAY & NETTING  
SHOWN DASHED

METALCRAFT METRIB 760 ROOFING

PURLIN

#### 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

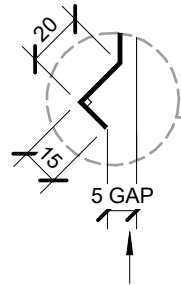
	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES  VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN $10^\circ$	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$  EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	SED WIND ZONES UP TO 60 m/s  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 ( $> 34$ mm)*  CORRUGATE: 2 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB ( $> 34$ mm)*  CORRUGATE: 3 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB ( $> 34$ mm)* + 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

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

UNDERSOAKER  
FLASHING REQUIRED  
FOR NZ MRM COP  
CATEGORY D ONLY

PRE-FINISHED 8g  
WAFER-TEK SCREW



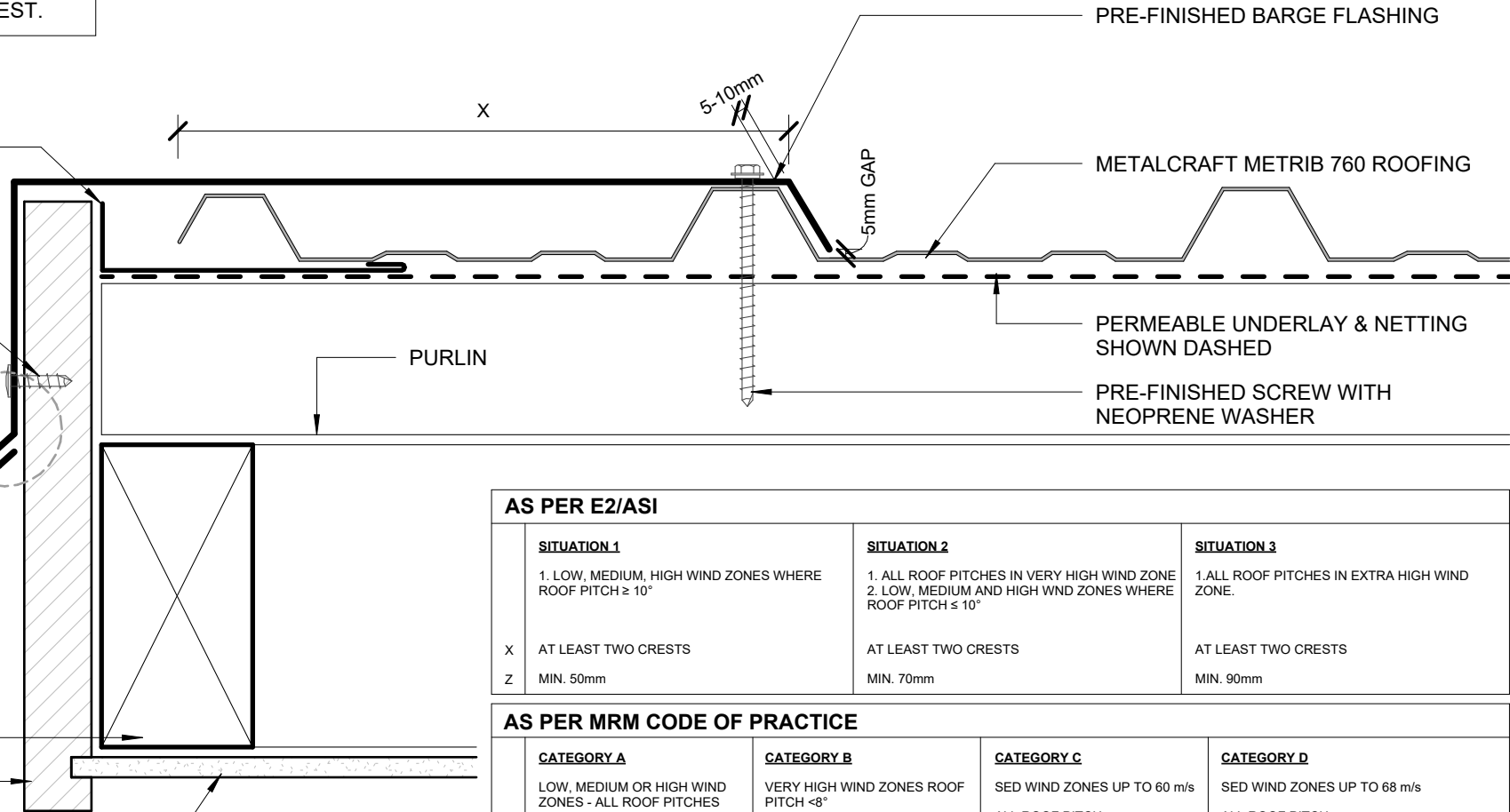
ALTERNATIVE  
OPTION  
BIRDS BEAK EDGE

HEMMED EDGE

FLY RAFTER

BARGE BOARD PRE  
PRIMED

SOFFIT LINING

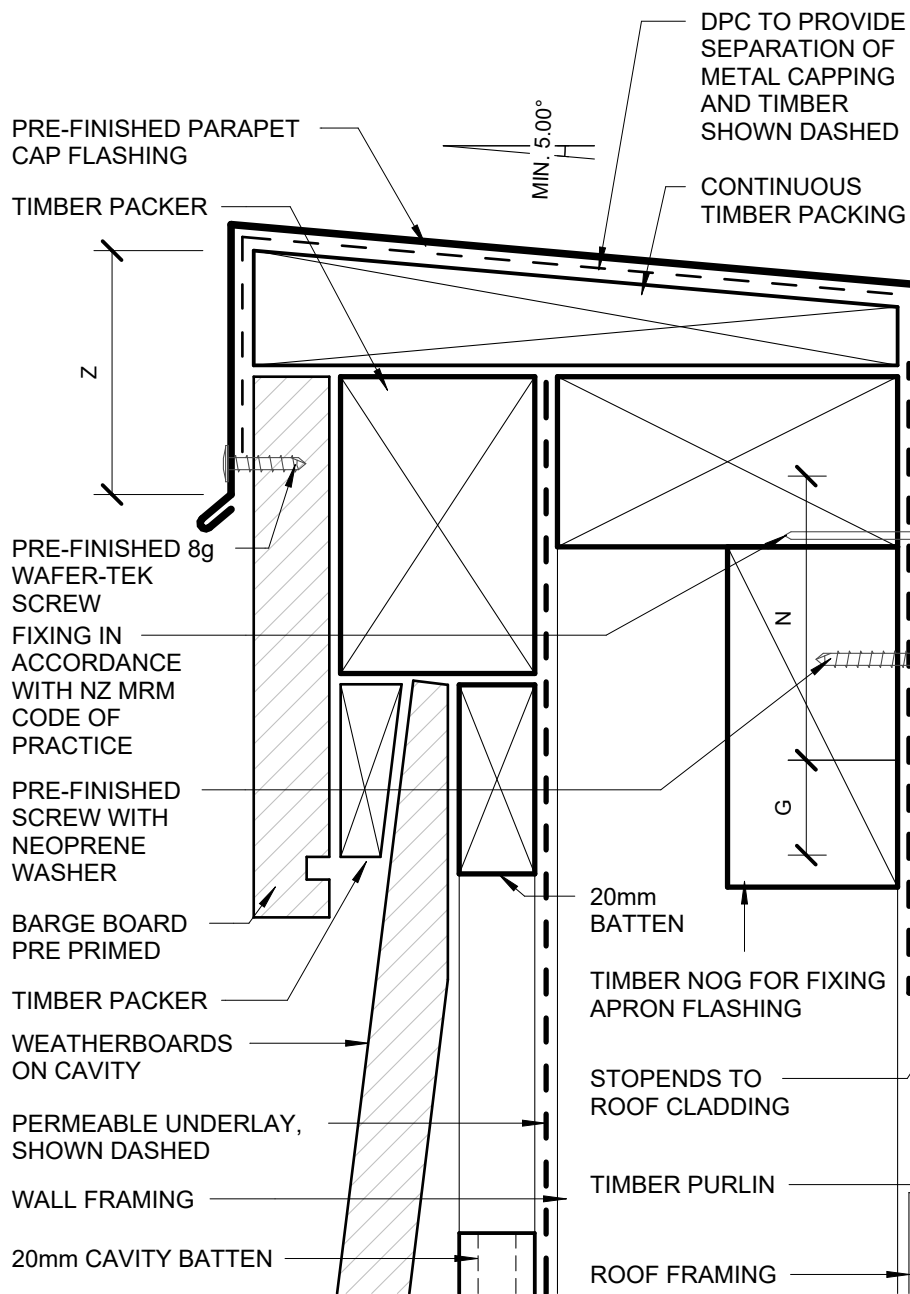


#### AS PER E2/ASI

	<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 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

	<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 68 m/s  ALL ROOF PITCH
X	TRAPEZOIDAL & TRAY: ONE RIB  CORRUGATE: 2 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB ( $> 34$ mm)*  CORRUGATE: 2 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB ( $> 34$ mm)*  CORRUGATE: 3 CORRUGATIONS	TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB ( $> 34$ mm)* + 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				

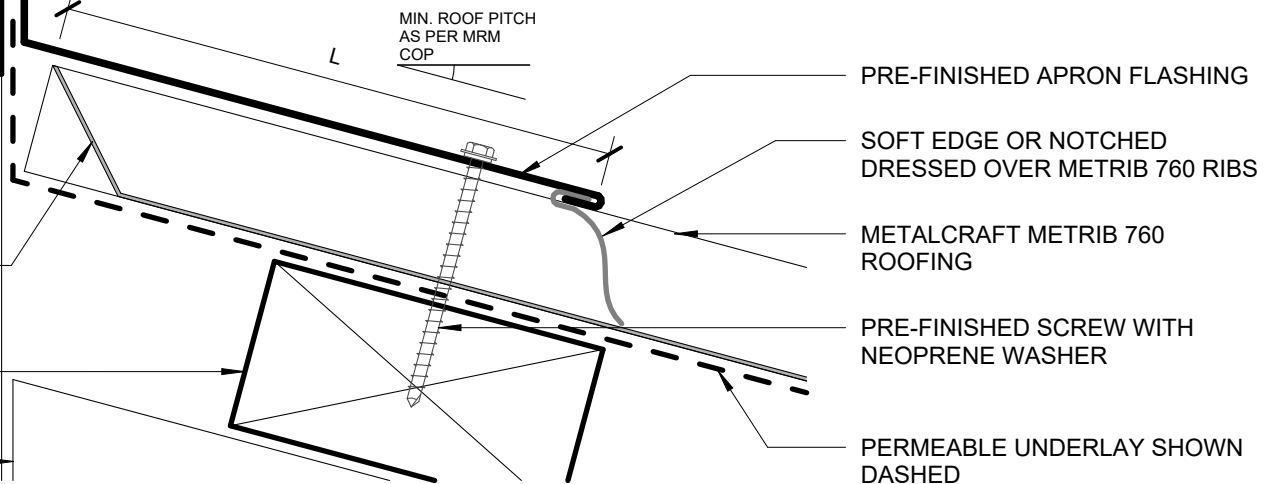


## AS PER E2/ASI

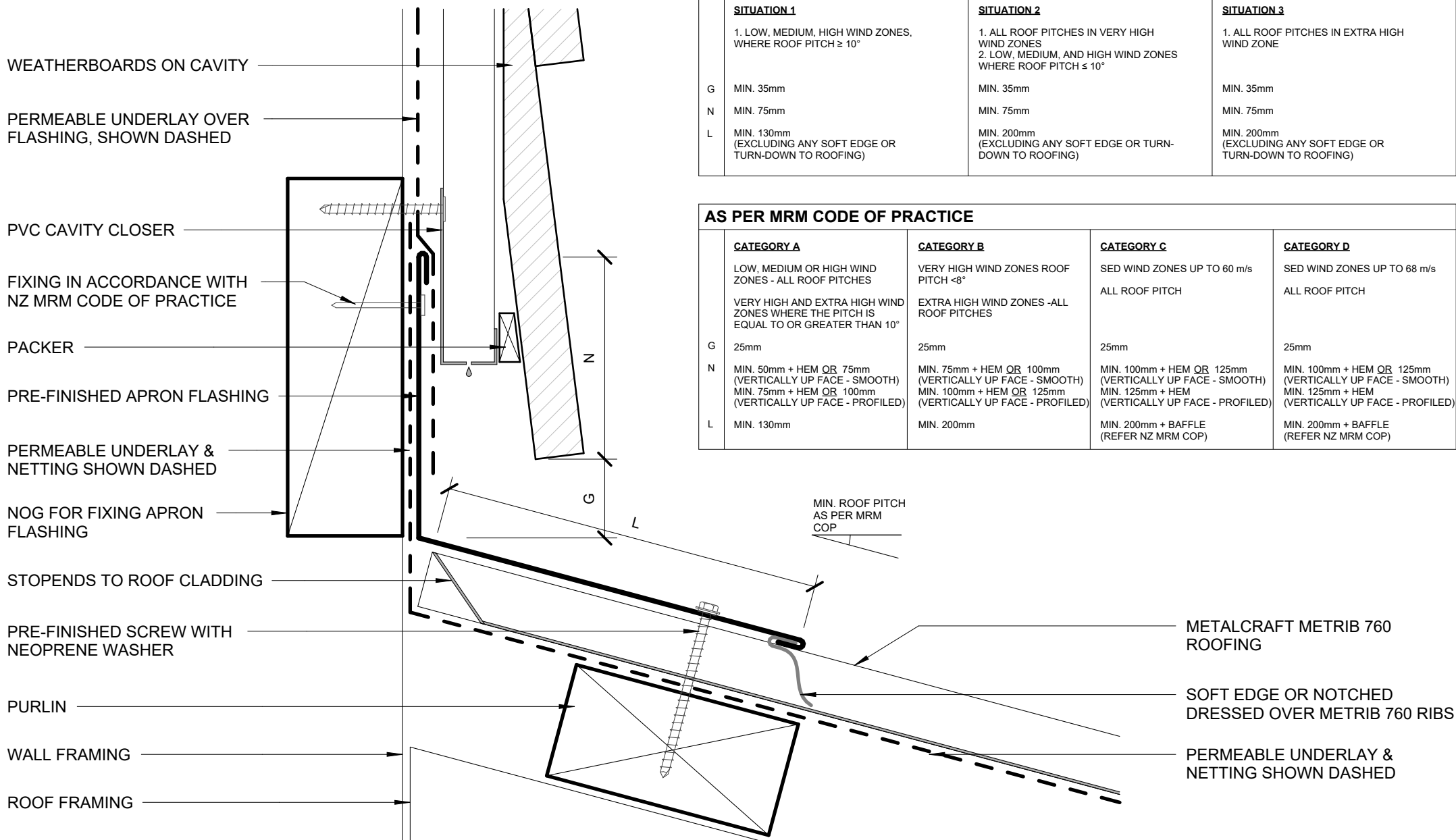
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCHES $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
G	MIN. 35mm	MIN. 35mm	MIN. 35mm
N	MIN. 75mm	MIN. 75mm	MIN. 75mm
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. 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)





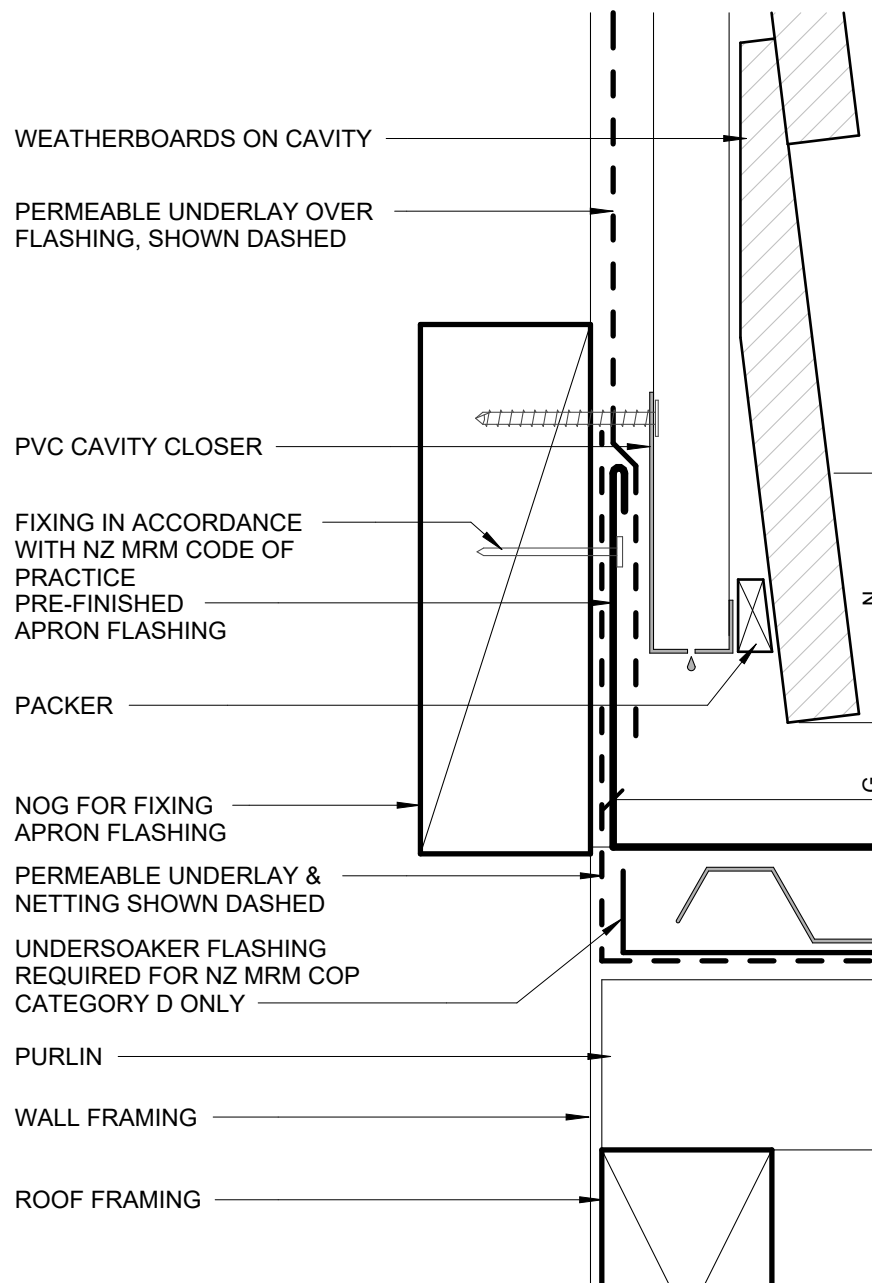


## AS PER E2/ASI

	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 ZONES 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
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 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 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)	MIN. 100mm + HEM QR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED)	MIN. 100mm + HEM QR 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)



## 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

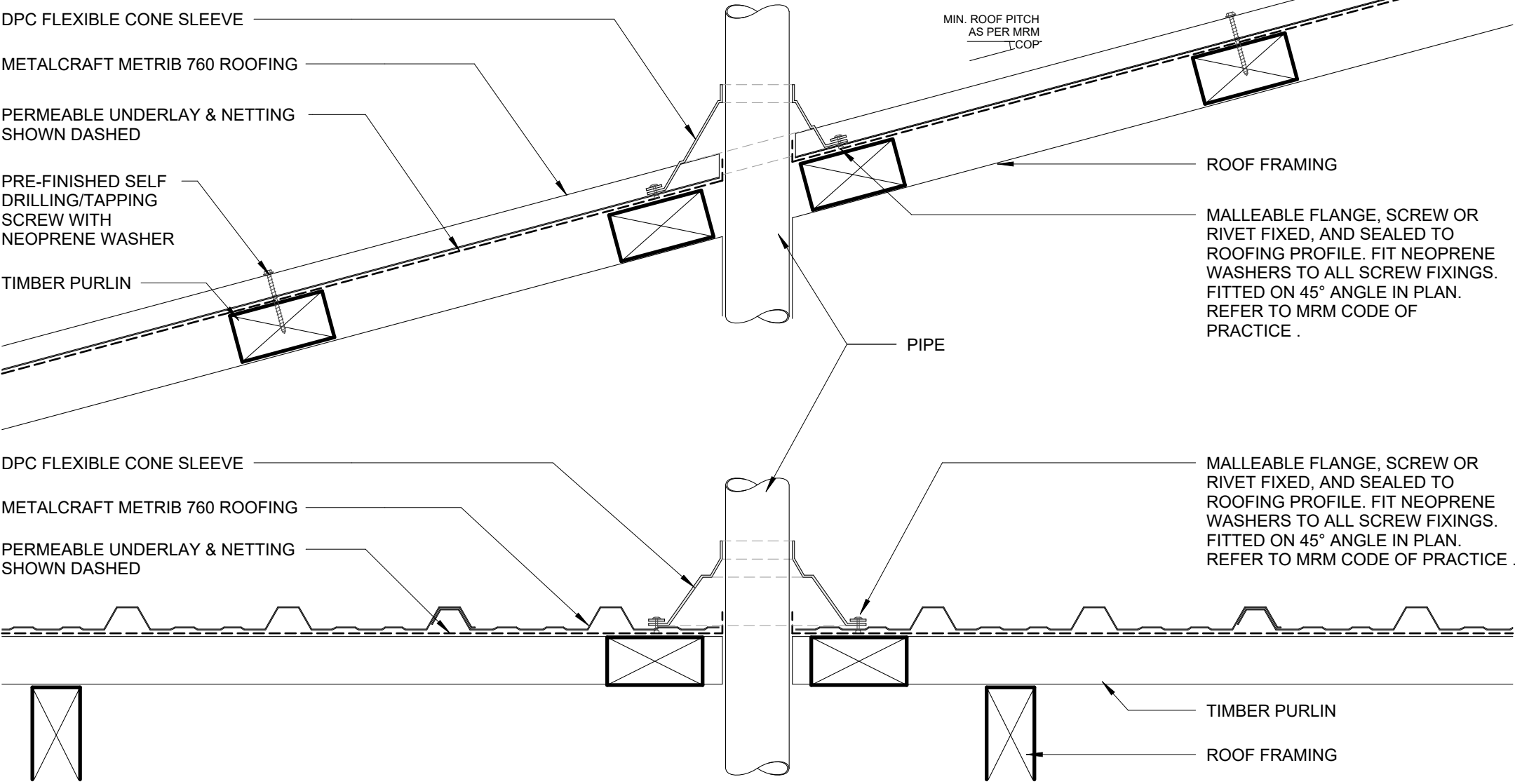
## AS PER MRM CODE OF PRACTICE

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

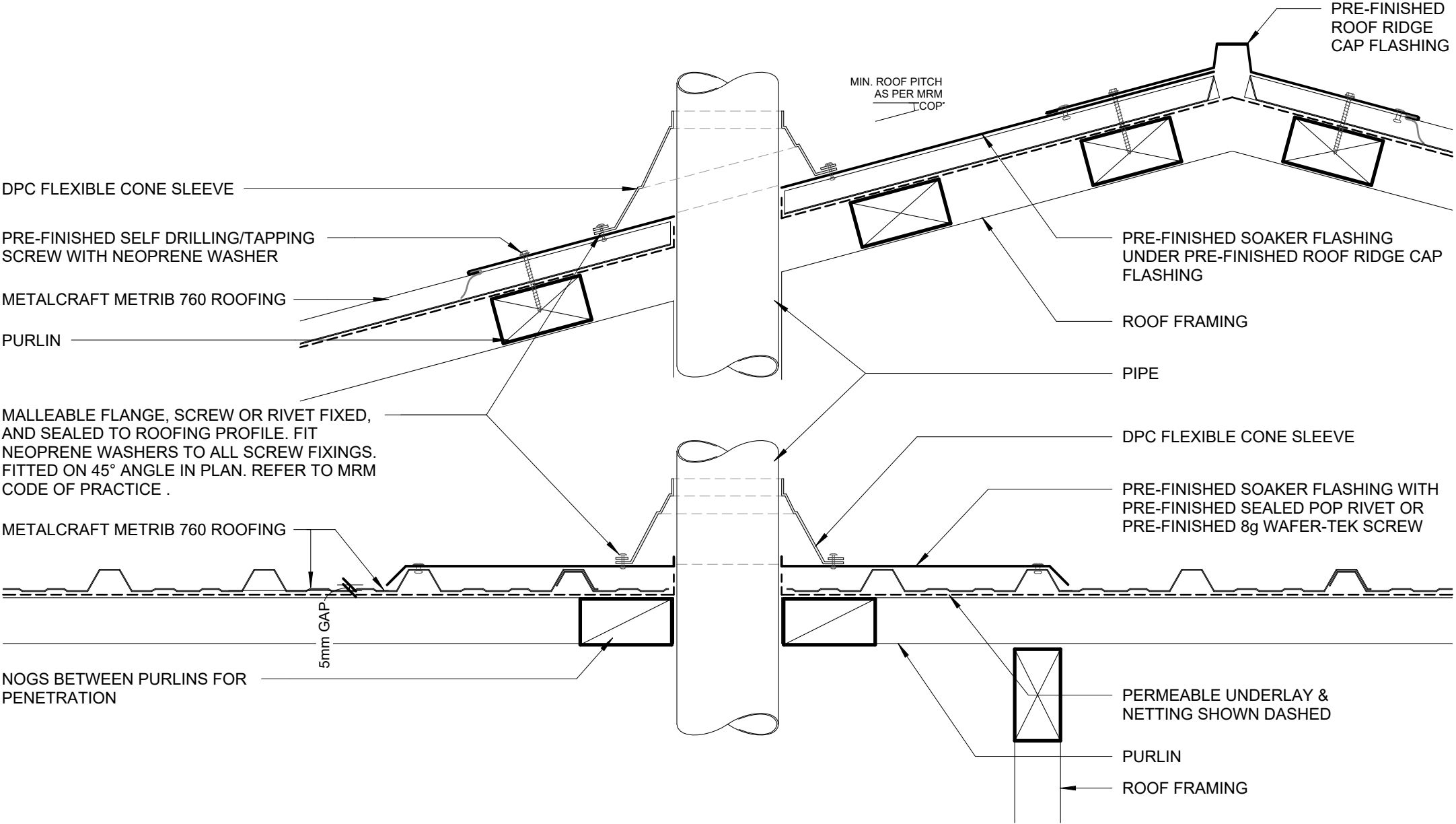
\* MIN. 10° FOR PIPE PENETRATION. DIRECT FIX  
BOOT FLASHING IS APPLICABLE FOR WHEN  
LESS THAN 50% BLOCKAGE OCCURS. WHEN  
EXCEEDING 50% BLOCKAGE, REFER TO BACK  
TRAY BOOT FLASHING

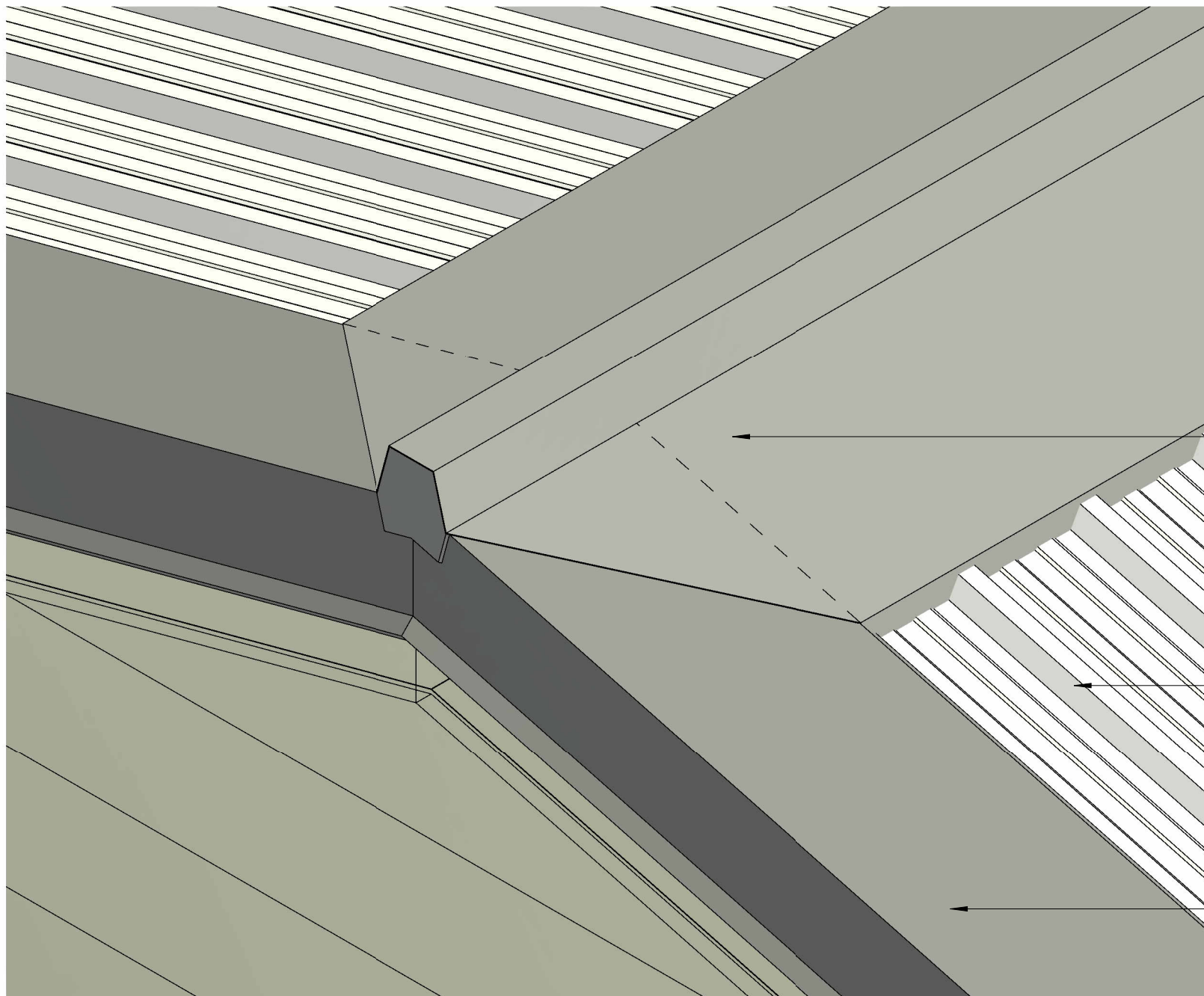
REFER MRM CODE OF PRACTICE



\* MIN. 3° FOR PIPE PENETRATION WITH A BOOT FLASHING

REFER MRM CODE OF PRACTICE





\* PLEASE REFER TO MRM  
CODE OF PRACTICE AND  
BRANZ HOW TO ON-SITE GUIDE  
METAL ROOF FLASHING FOR  
FURTHER INFORMATION ON  
FLASHING COVER WIDTHS.

PRE-FINISHED RIDGE CAP  
FLASHING

METALCRAFT METRIB 760  
ROOFING

PRE-FINISHED BARGE FLASHING

## 3D RIDGE TO BARGE JUNCTION

RESIDENTIAL ROOFING

**Metalcraft**  
Roofing  
www.metalcraftgroup.co.nz

DISCLAIMER:  
All details are to be used for indicative purposes only and the designer should consult both the MRM  
code of practice and 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.

Metrib 760

Rev. 3.0

Reference RRMR760

Date SEP 2024

Scale

Sheet **A 20 / 26**



PRE-FINISHED BARGE FLASHING

PRE-FINISHED HIP FLASHING

PRE-FINISHED APRON  
FLASHING

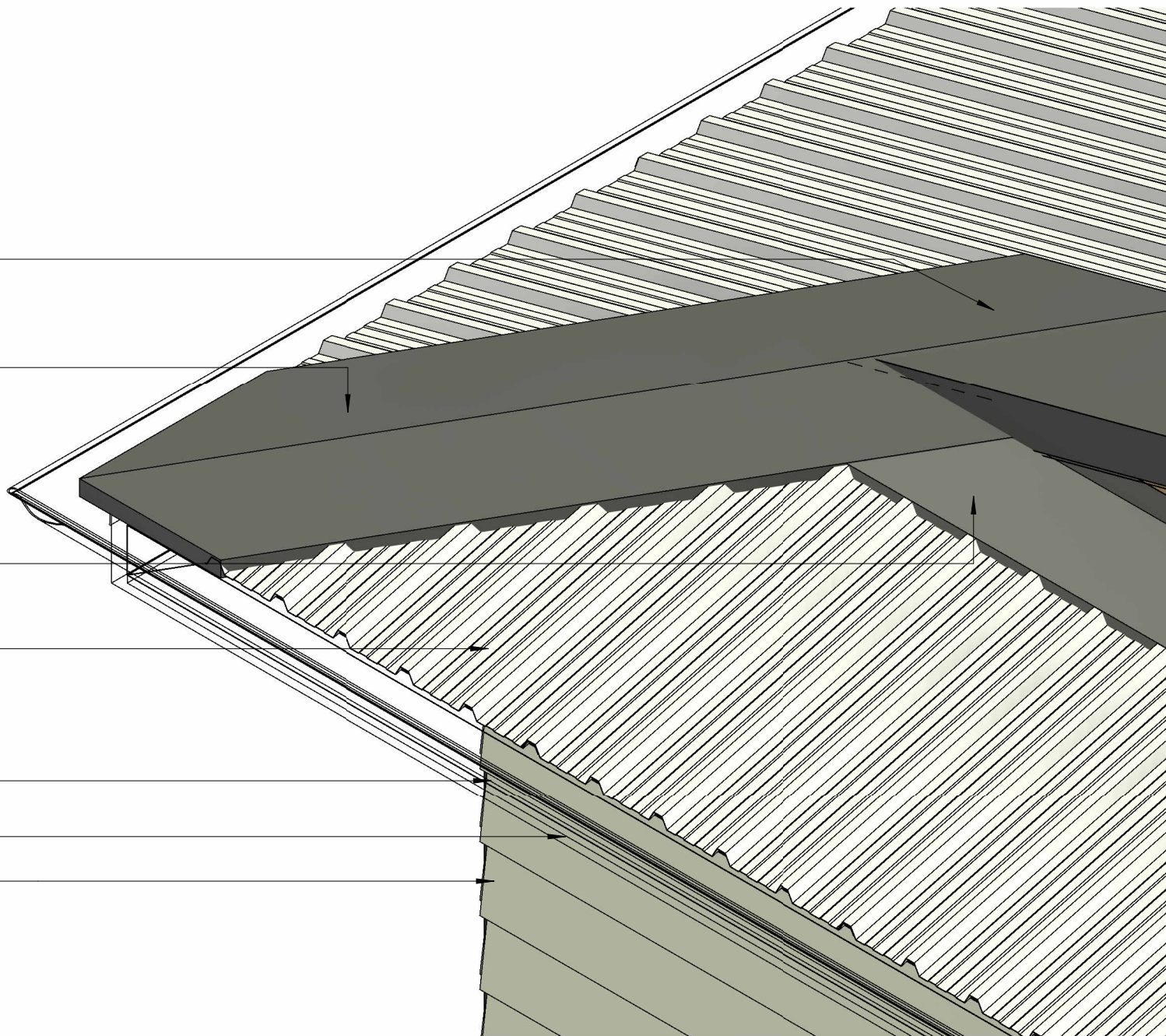
METALCRAFT METRIB 760  
ROOFING TURN DOWN INTO  
GUTTER. REFER TO EAVE DETAILS  
FOR MINIMUM ROOF OVERHANG

GUTTER

FASCIA BOARD PRE PRIMED

WALL CLADDING ON CAVITY

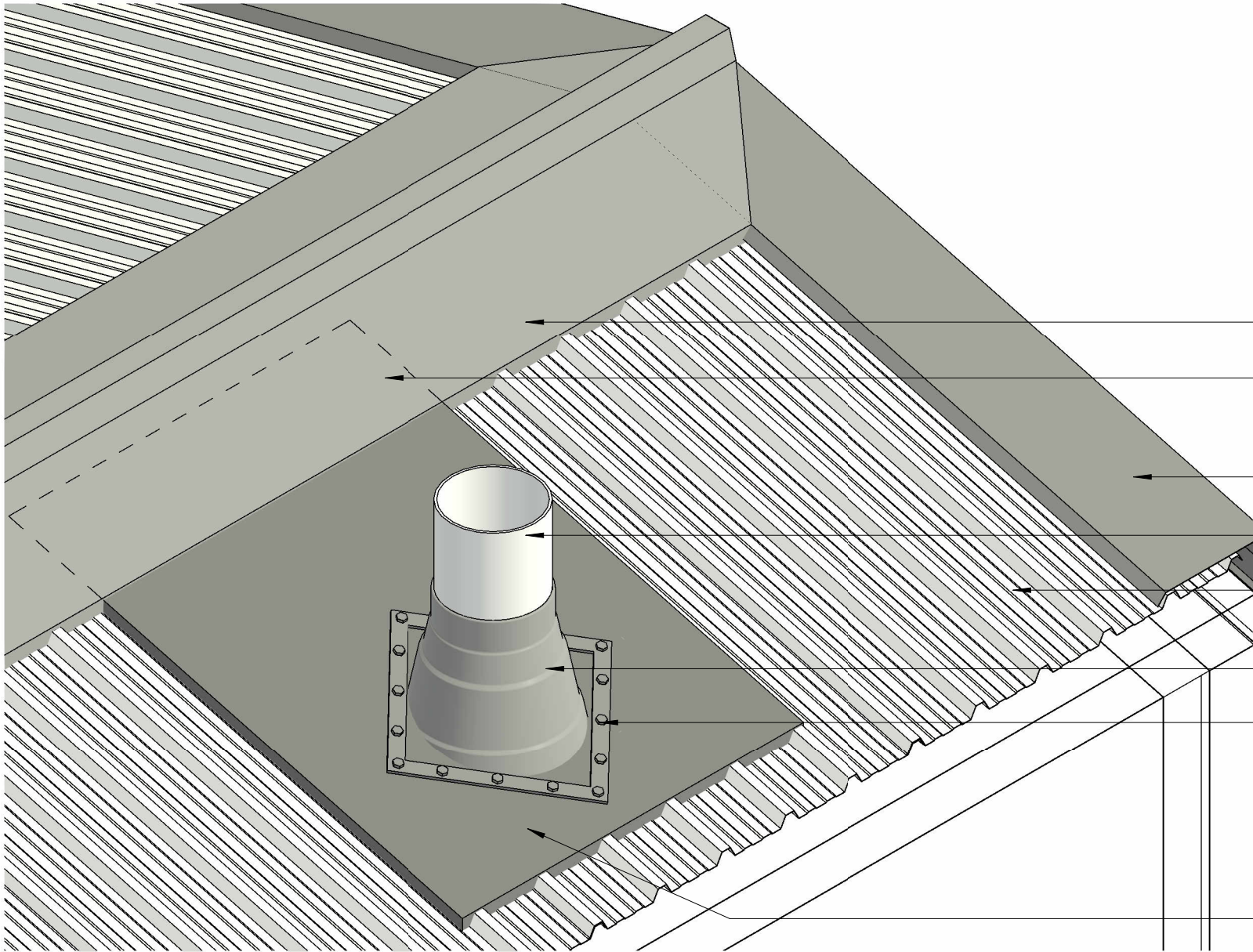
\* PLEASE REFER TO MRM CODE OF  
PRACTICE AND BRANZ HOW TO  
ON-SITE GUIDE METAL ROOF  
FLASHING FOR FURTHER  
INFORMATION ON FLASHING  
COVER WIDTHS.





\* PLEASE REFER TO MRM CODE OF PRACTICE AND BRANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHING FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.





\* PLEASE REFER TO MRM CODE OF PRACTICE AND BRANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHING FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

PRE-FINISHED ROOF RIDGE FLASHING

PRE-FINISHED SOAKER FLASHING  
LINE UNDER PRE-FINISHED  
ROOF RIDGE FLASHING

PRE-FINISHED ROOF BARGE FLASHING

PIPE

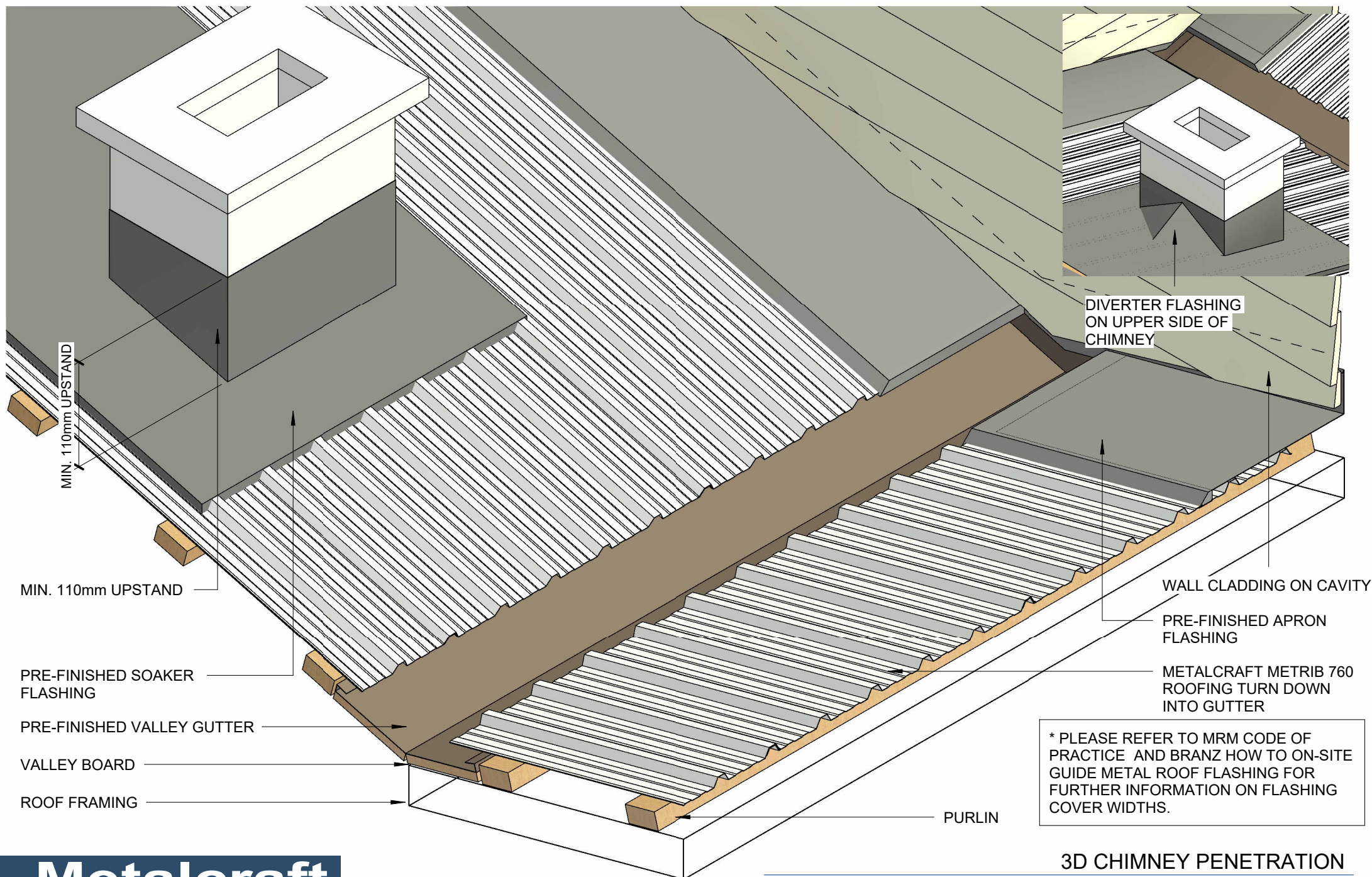
METALCRAFT METRIB 760  
ROOFING

DPC FLEXIBLE CONE SLEEVE

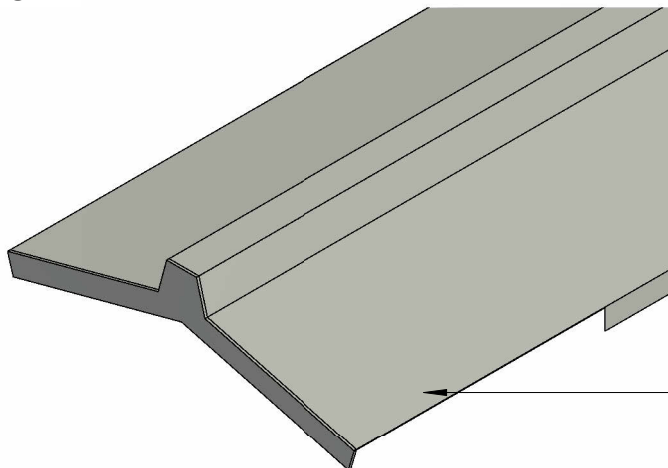
MALLEABLE FLANGE, SCREW OR  
RIVET FIXED, AND SEALED TO  
ROOFING PROFILE. FIT NEOPRENE  
WASHERS TO ALL SCREW  
FIXINGS. FITTED ON 45° ANGLE IN  
PLAN. REFER TO MRM CODE OF  
PRACTICE

PRE-FINISHED SOAKER FLASHING

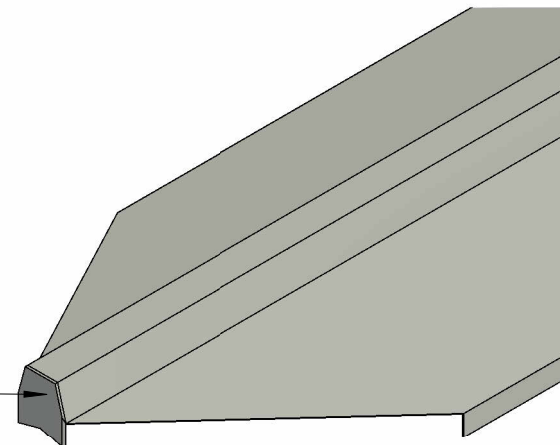




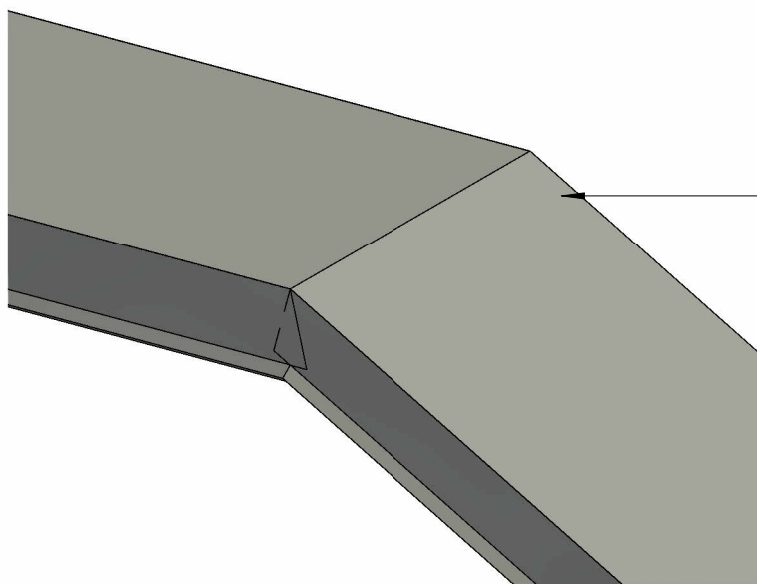
OPTION 1



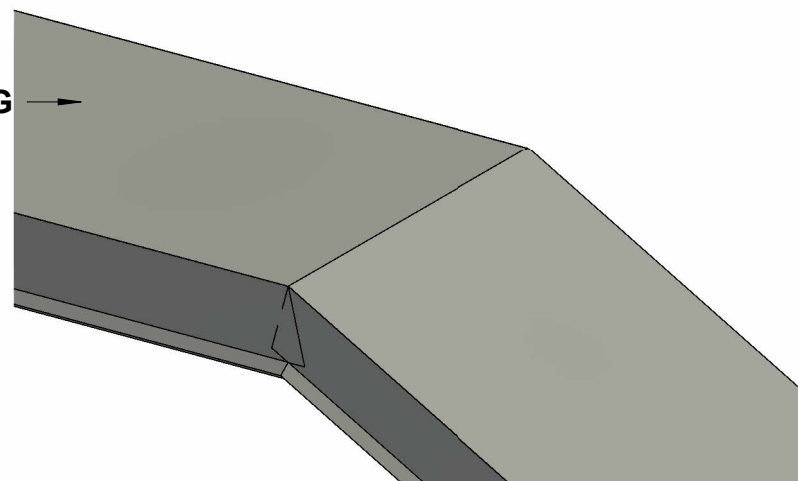
OPTION 2



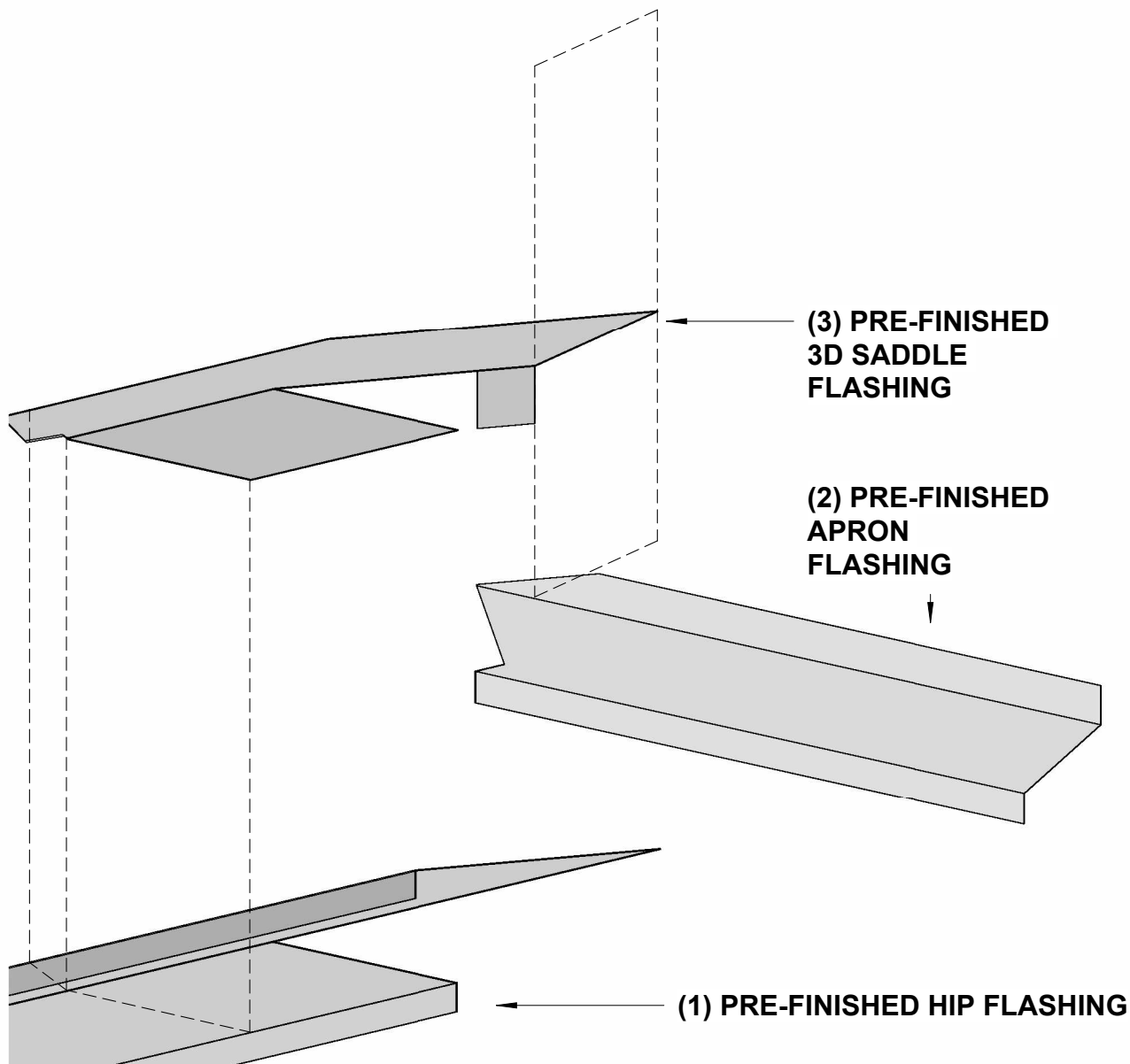
RIDGE CAP FLASHING



BARGE FLASHING



## 3D RIDGE/BARGE FLASHINGS



\*PLEASE REFER TO MRM CODE  
OF PRACTICE AND BRANZ HOW  
TO ON-SITE GUIDE METAL ROOF  
FLASHINGS FOR FURTHER  
INFORMATION ON FLASHING  
COVER WIDTH

