

Metcom 7

RESIDENTIAL ROOFING

<u>DETAIL LIST</u>	<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 RIDGE 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

<u>DETAIL LIST</u>	<u>Revision</u>	<u>Date</u>
A 15 / 26	PRARPET 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 BOOT 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	3D OVER 85mm DIAMETER PIPE 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

PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METCOM 7
ROOFING

PRE-FINISHED SCREW
WITH NEOPRENE
WASHER

NOTCHED EDGE
DRESSED OVER
METCOM 7 RIBS

5mm GAP

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)

* METCOM 7 MIN. ROOF PITCH = 3°

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

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 ROUND RIDGE CAP
FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METCOM 7
ROOFING

PRE-FINISHED SCREW
WITH NEOPRENE
WASHER

NOTCHED EDGE
DRESSED OVER
METCOM 7 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)

* METCOM 7 MIN. ROOF PITCH = 8°

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

CATEGORY B

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

EXTRA HIGH WIND ZONES -ALL
ROOF PITCHES

MIN. 200mm

CATEGORY C

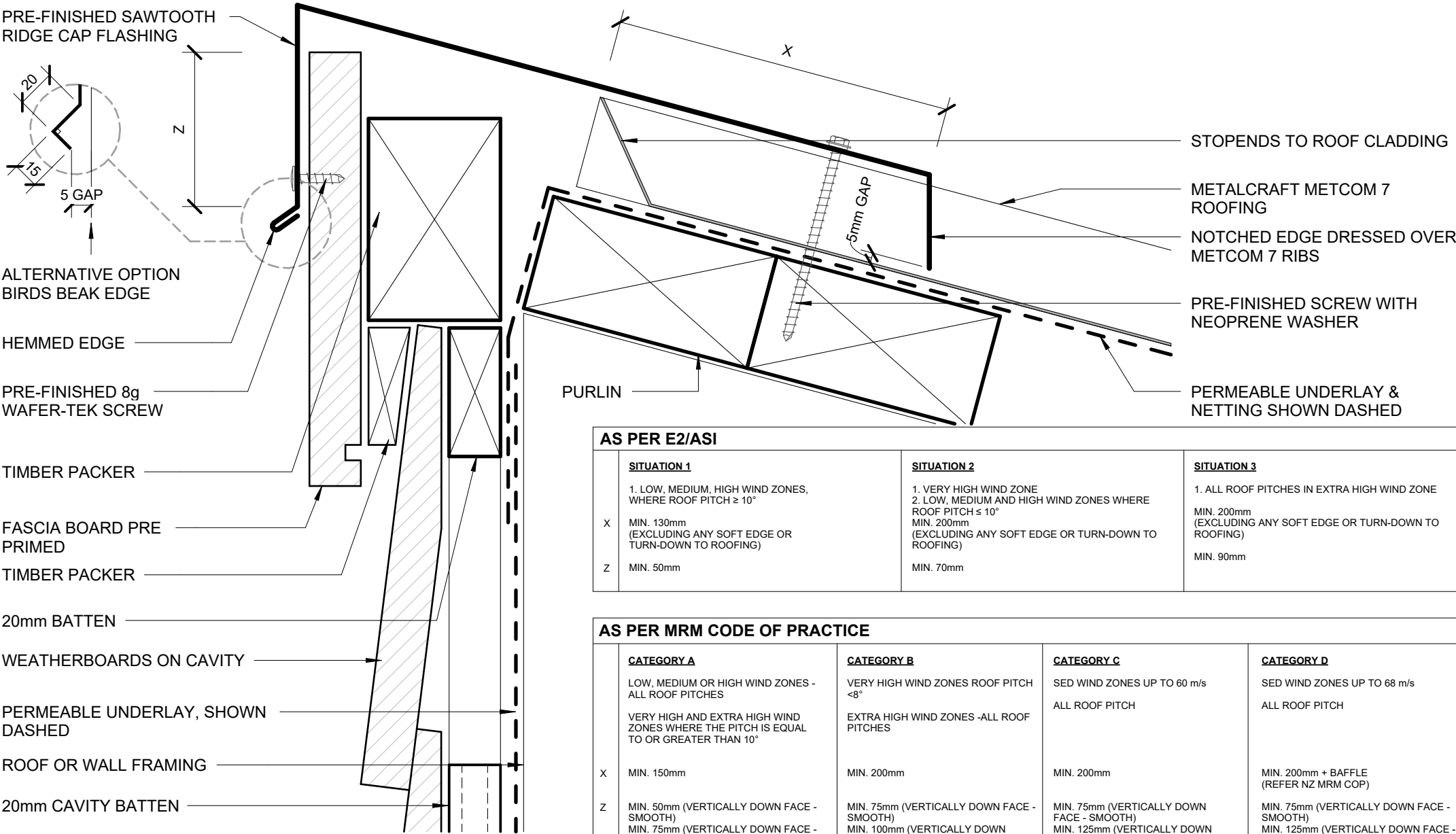
SED WIND ZONES UP TO 60 m/s
ALL ROOF PITCH

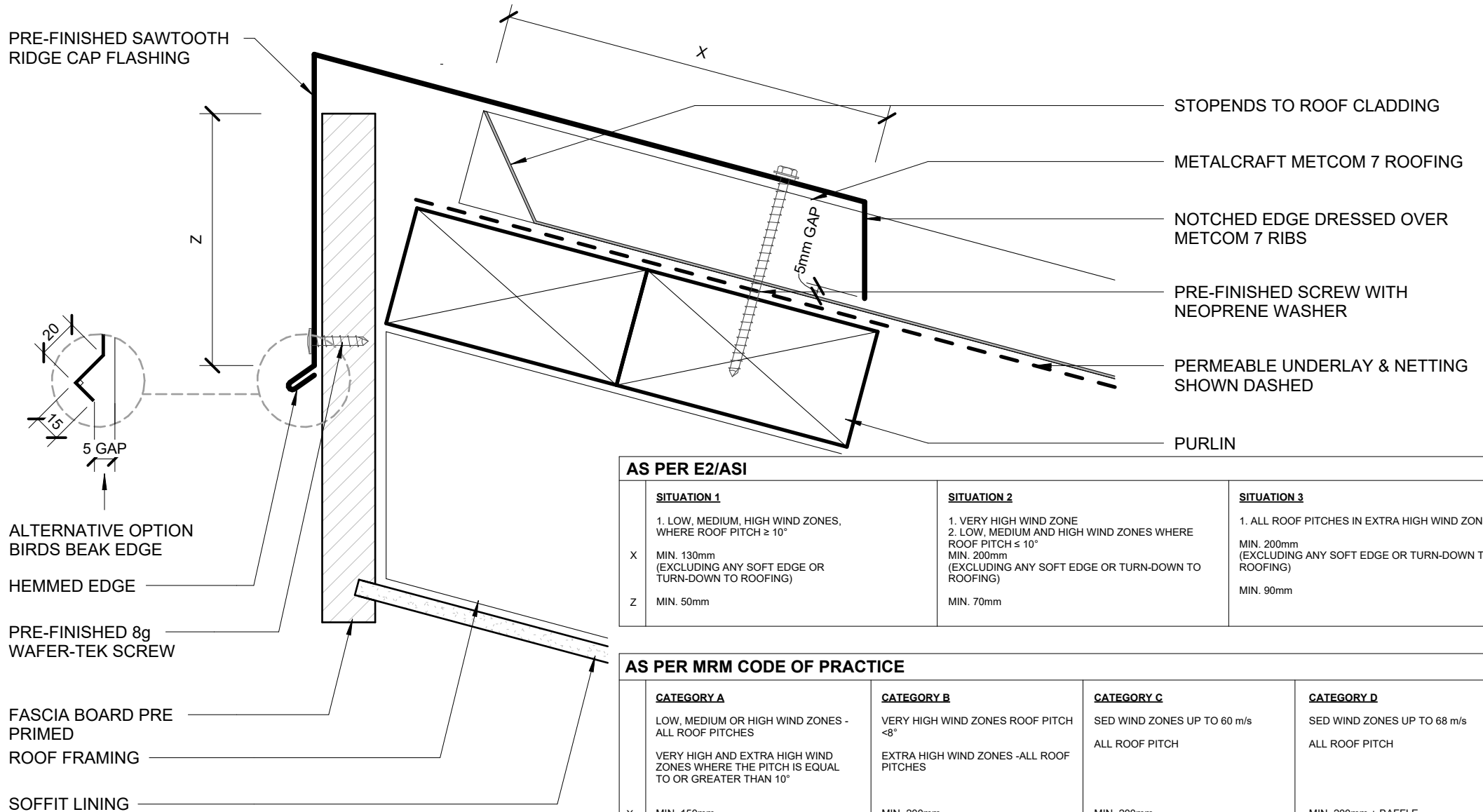
MIN. 200mm

CATEGORY D

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

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





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 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 $< 8^\circ$ 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. 150mm	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)

METALCRAFT METCOM 7
ROOFING

PRE-FINISHED SCREW
WITH NEOPRENE
WASHER

OVERALL VALLEY GUTTER WIDTH MIN. 250mm

CLEARANCE BETWEEN ROOFING 50mm MIN.

MIN. 80mm

MIN. 80mm

FREEBOARD

ROOF
FRAMING

PURLIN

VALLEY BOARD

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

PREFINISHED VALLEY GUTTER

VALLEY RAFTER

VALLEYS =

20mm MINIMUM FREEBOARD
UP TO 8 DEGREE ROOF PITCH

15mm MINIMUM FREEBOARD
OVER 8 DEGREE ROOF PITCH

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

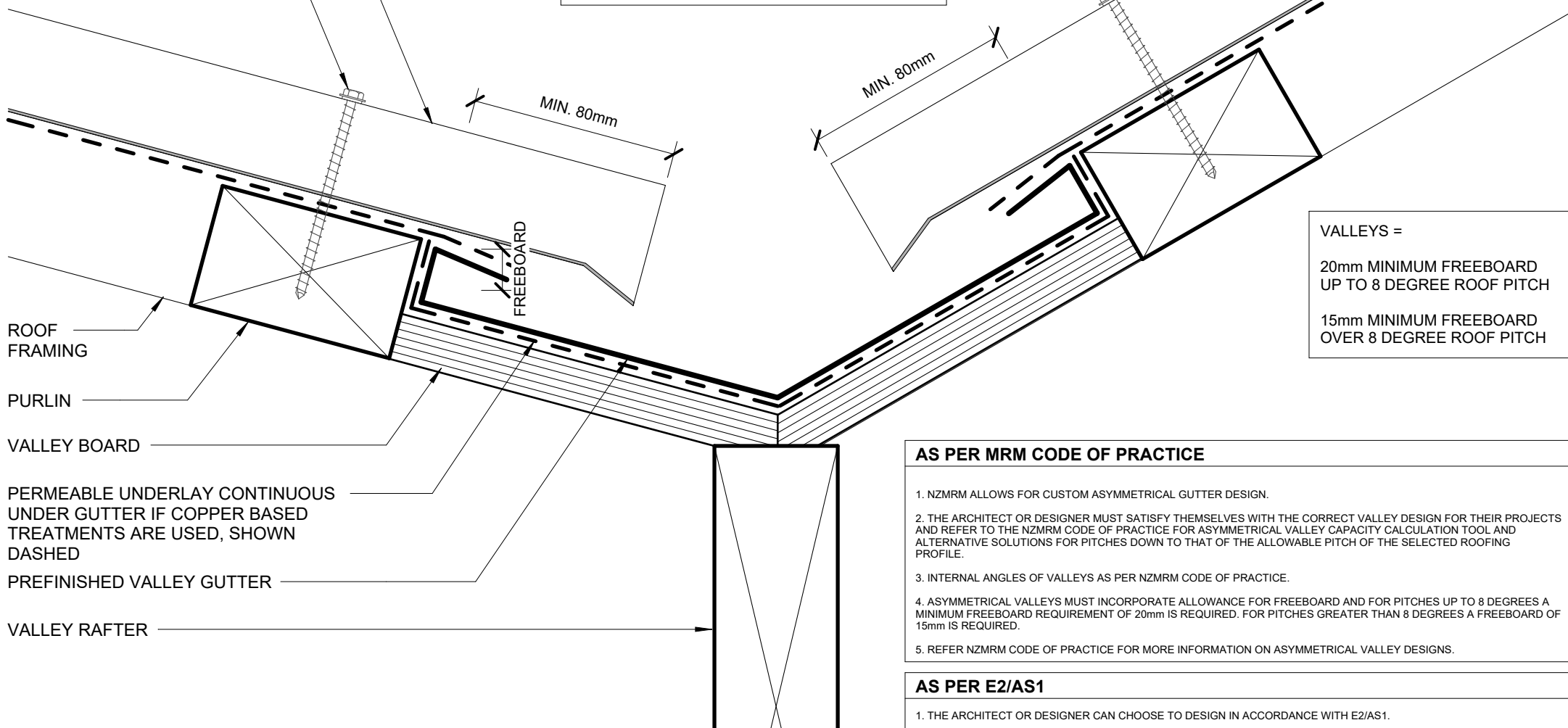
1. THE ARCHITECT OR DESIGNER CAN CHOOSE TO DESIGN IN ACCORDANCE WITH E2/AS1.

METALCRAFT METCOM 7
ROOFING

PRE-FINISHED SCREW
WITH NEOPRENE
WASHER

WHERE OPPOSING ROOFS OF DIFFERENT
PITCHES DISCHARGE INTO A VALLEY, AN
ASYMMETRICAL VALLEY IS REQUIRED.

A VALLEY BAFFLE IS RECOMMENDED
WHERE THE DIFFERENCE IN ROOF
PITCHES EXCEEDS 10°.



VALLEYS =

20mm MINIMUM FREEBOARD
UP TO 8 DEGREE ROOF PITCH

15mm MINIMUM FREEBOARD
OVER 8 DEGREE ROOF PITCH

AS PER MRM CODE OF PRACTICE

1. NZMRM ALLOWS FOR CUSTOM ASYMMETRICAL 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 ASYMMETRICAL 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. ASYMMETRICAL 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 ASYMMETRICAL VALLEY DESIGNS.

AS PER E2/AS1

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

METALCRAFT METCOM 7
ROOFING

SEPARATION OF BUTYL
GUTTER AND METAL
ROOFING WITH LAP
SEAL TAPE

PRE-FINISHED SELF
DRILLING/TAPPING
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

PREFINISHED INTERNAL GUTTER

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.

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Metcom 7

Rev. 3.0

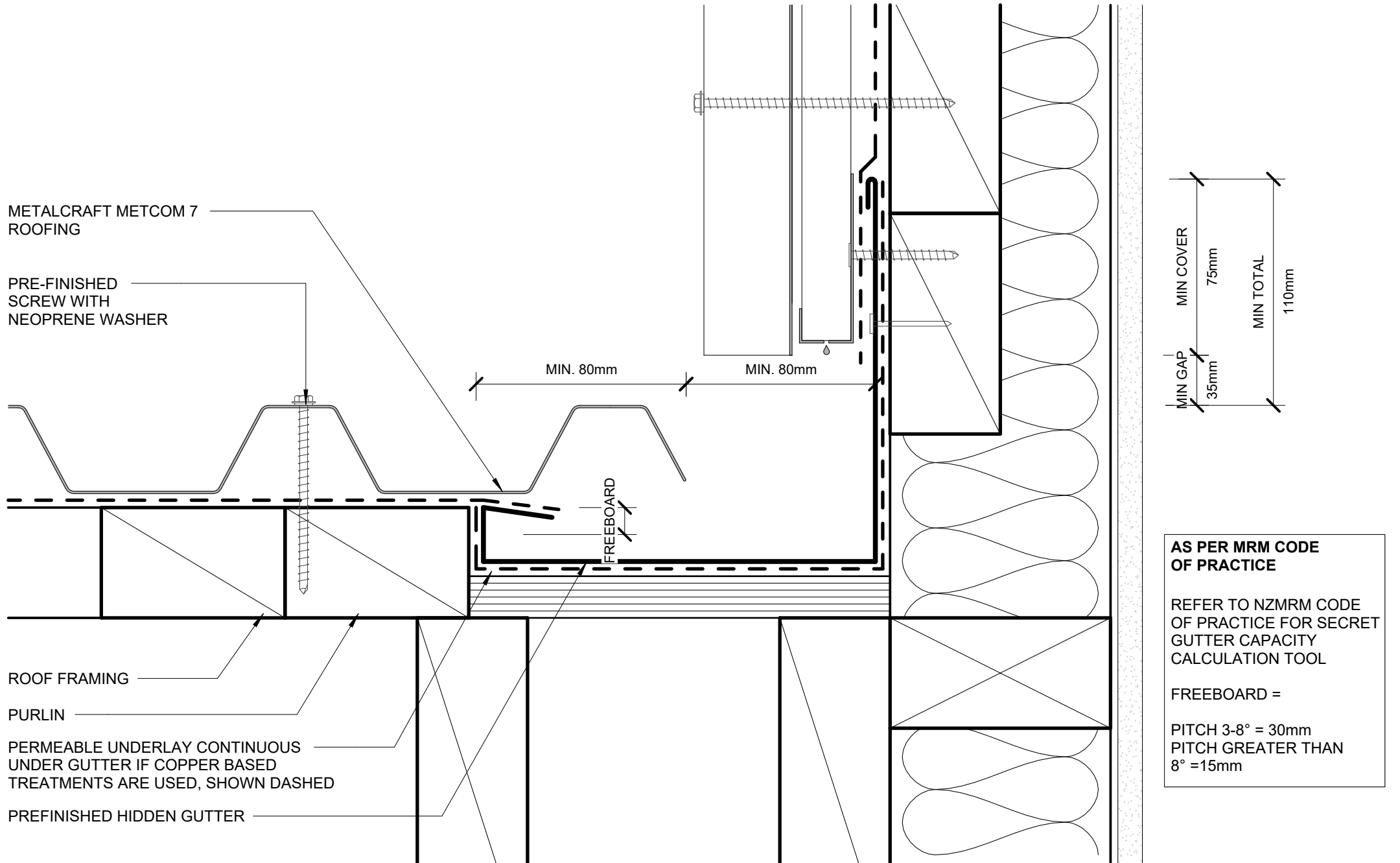
Reference RRM7C

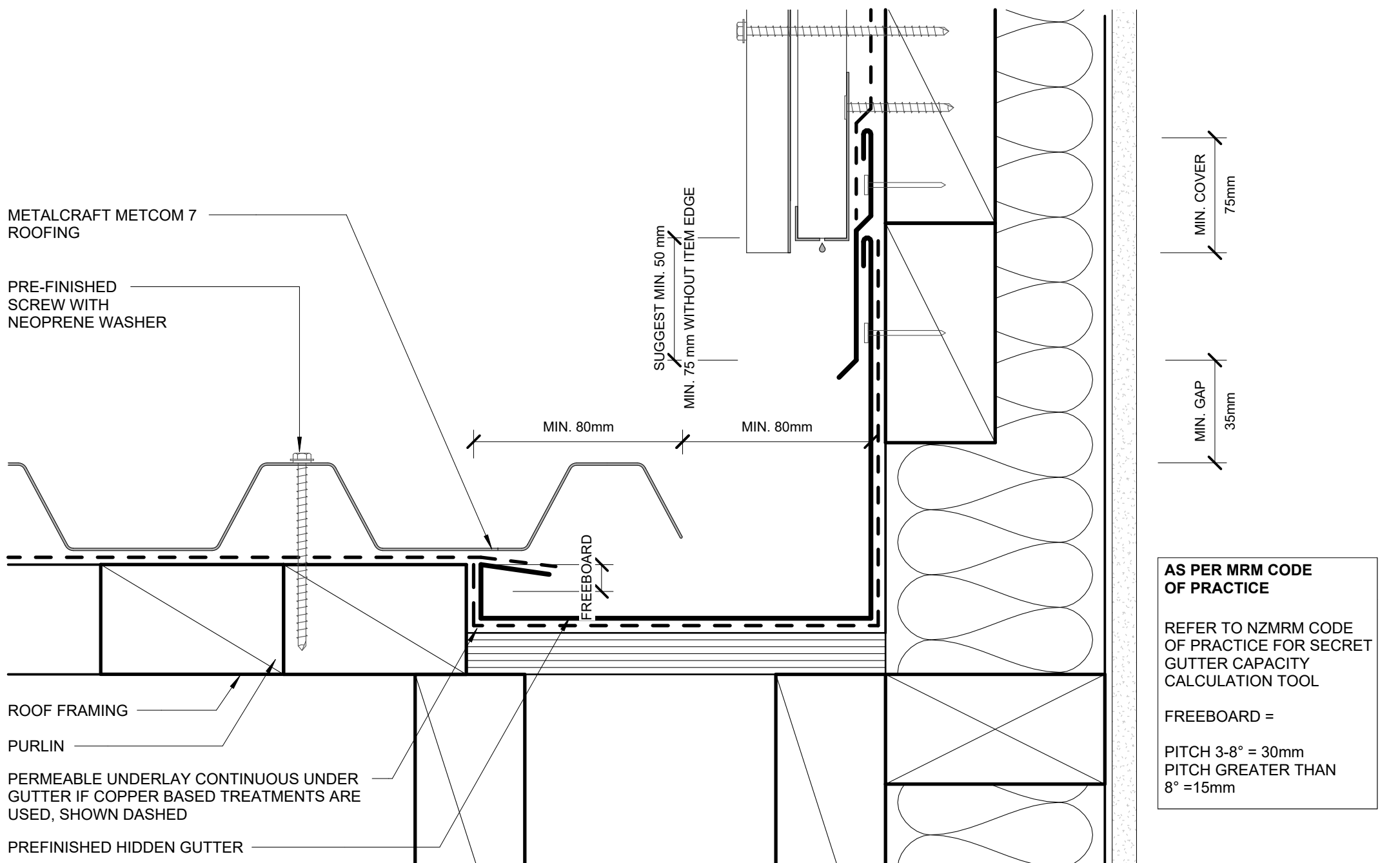
Date SEP 2024

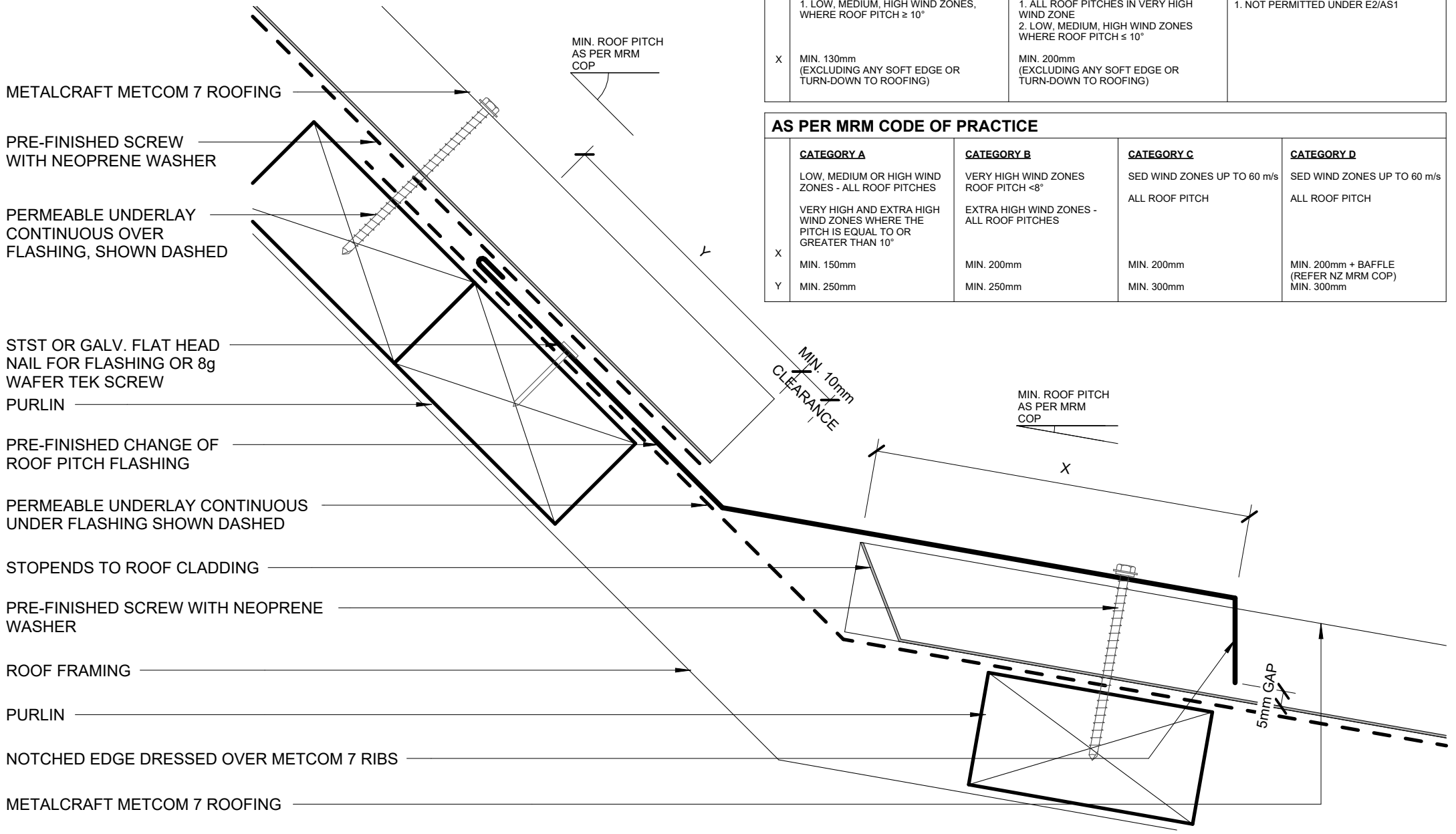
Scale 1 : 2

INTERNAL GUTTER
RESIDENTIAL ROOFING

Sheet **A 07 / 26**







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/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
	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 $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH
X	MIN. 150mm	MIN. 200mm	MIN. 200mm
Y	MIN. 250mm	MIN. 250mm	MIN. 300mm
			SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH MIN. 200mm + BAFFLE (REFER NZ MRM COP) MIN. 300mm

METALCRAFT
METCOM 7 ROOFING

STST OR GALV. FLAT HEAD
NAIL FOR FLASHING

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

METALCRAFT METCOM 7 ROOFING

MIN. ROOF PITCH
AS PER MRM
COP

50mm RECOMMENDED

MIN. ROOF PITCH
AS PER 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, 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°	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. 150mm	MIN. 200mm	MIN. 200mm	MIN. 200mm + BAFFLE (REFER NZ MRM COP)
Y	MIN. 250mm	MIN. 250mm	MIN. 300mm	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

MIN. 125 mm

METALCRAFT METCOM 7 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

*OVERFLOW

MIN. 35mm
 OVERLAP

MIN. 10mm

PRE-FINISHED SCREW
 WITH NEOPRENE WASHER

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

STST OR GALV. FLAT HEAD NAIL
 FOR FLASHING OR 8g WAFER
 TEK SCREW

TIMBER PURLIN

TIMBER ROOF FRAMING

SOFFIT LINING

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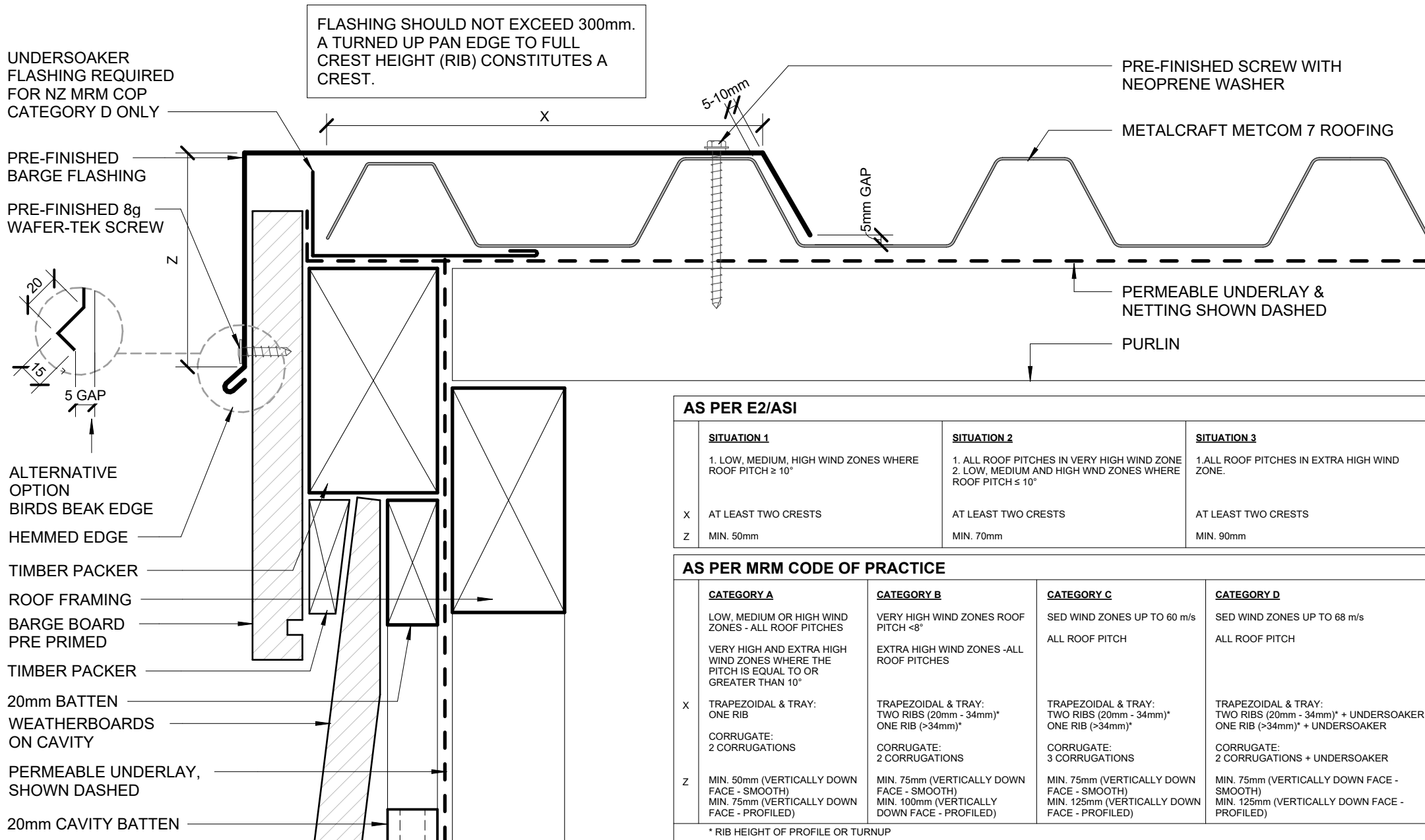
EAVE WITH SNOW STRAP
 RESIDENTIAL ROOFING

Reference RRM C7

Date SEP 2024

Scale 1 : 2

Sheet **A 12 / 26**



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°	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

*IF VENTILATION IS REQUIRED

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Rev. 3.0

Reference RRM C7

Date SEP 2024

BARGE WITH NO SOFFIT
RESIDENTIAL ROOFING

Scale 1 : 2

Sheet **A 13 / 26**

UNDERSOAKER
FLASHING REQUIRED
FOR NZ MRM COP
CATEGORY D ONLY

PRE-FINISHED 8g
WAFER-TEK SCREW

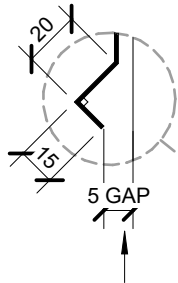
FLASHING SHOULD NOT EXCEED 300mm.
TURNED UP EDGE TO FULL CREST
HEIGHT (RIB) CONSTITUTES A CREST.

PRE-FINISHED BARGE FLASHING

METALCRAFT METCOM 7 ROOFING

PRE-FINISHED SCREW WITH NEOPRENE
WASHER

PERMEABLE UNDERLAY &
NETTING SHOWN DASHED



ALTERNATIVE
OPTION
BIRDS BEAK EDGE

HEMMED EDGE

FLY RAFTER

BARGE BOARD PRE
PRIMED

SOFFIT LINING

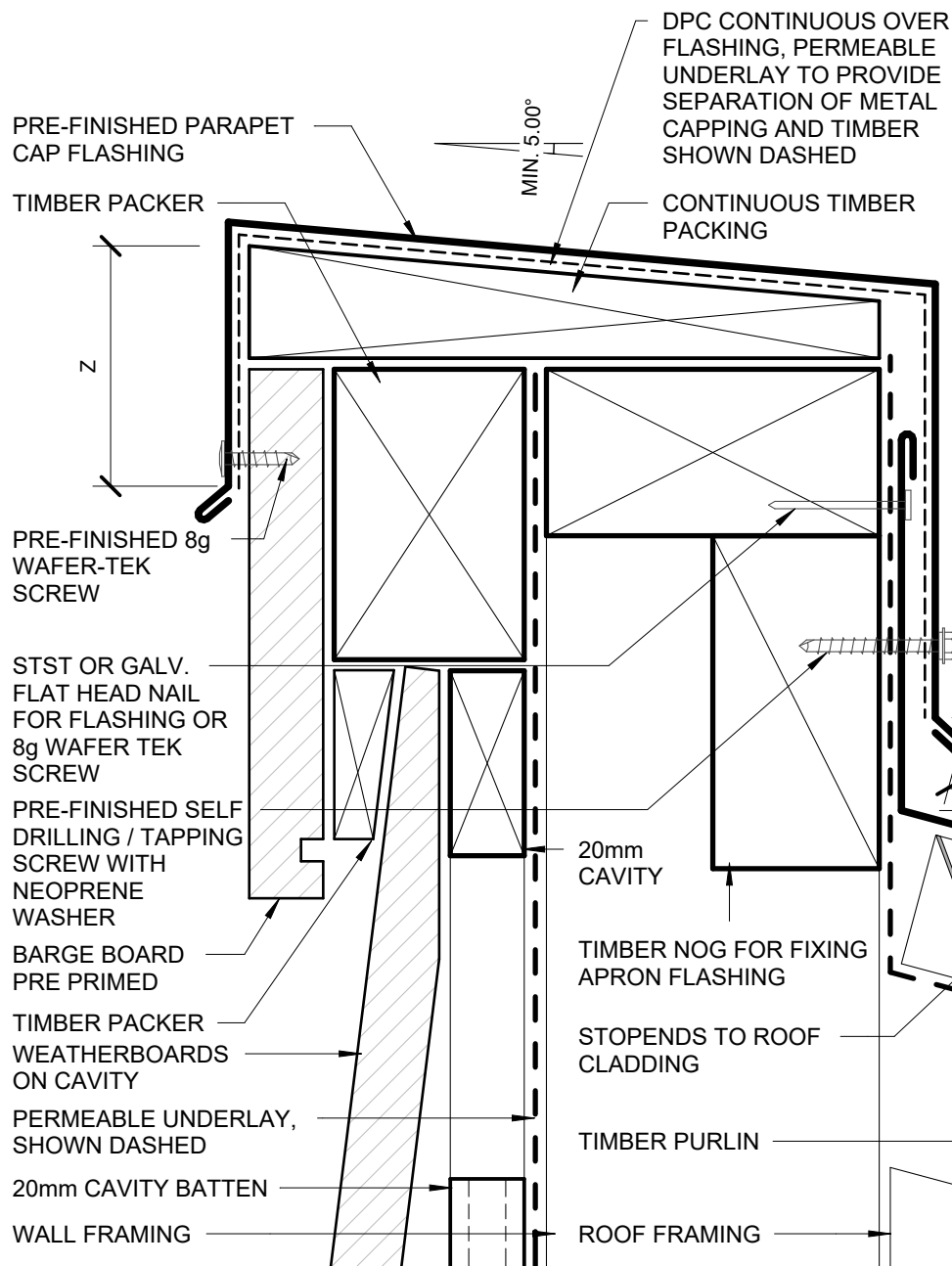
AS PER E2/ASI

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°	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

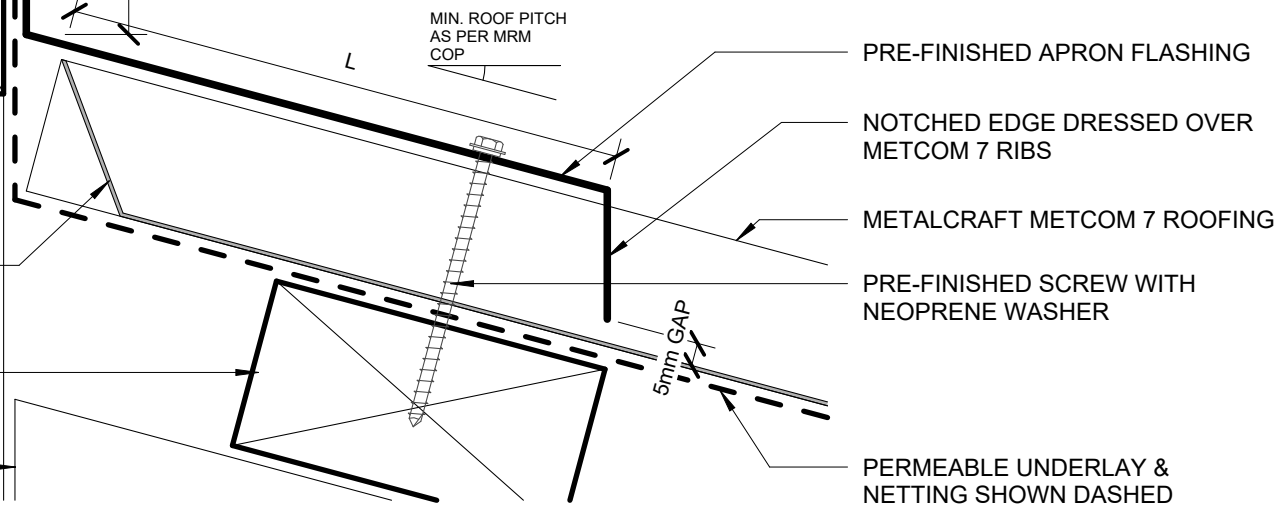


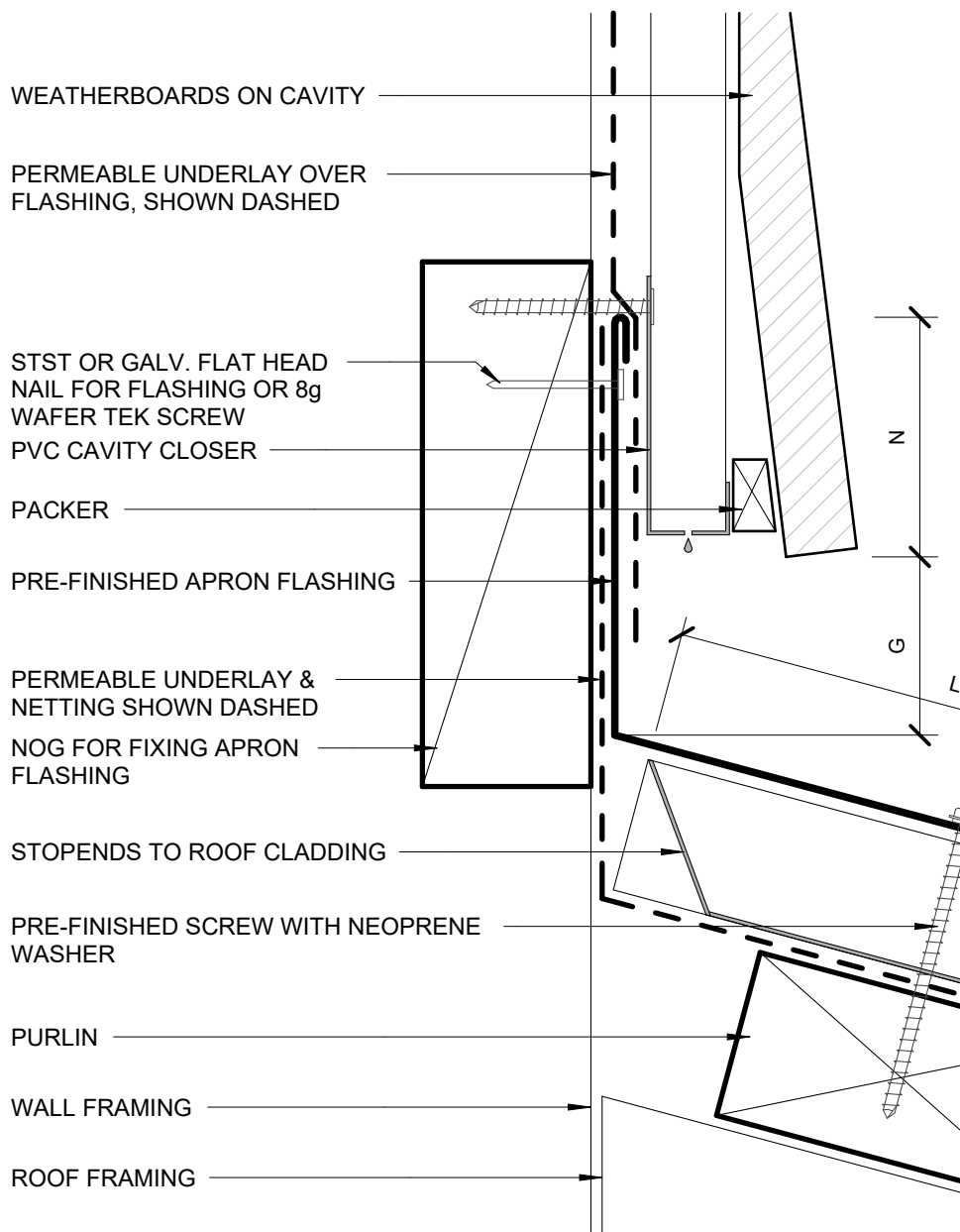
AS PER E2/ASI

	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 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°	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. 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)





AS PER E2/ASI

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

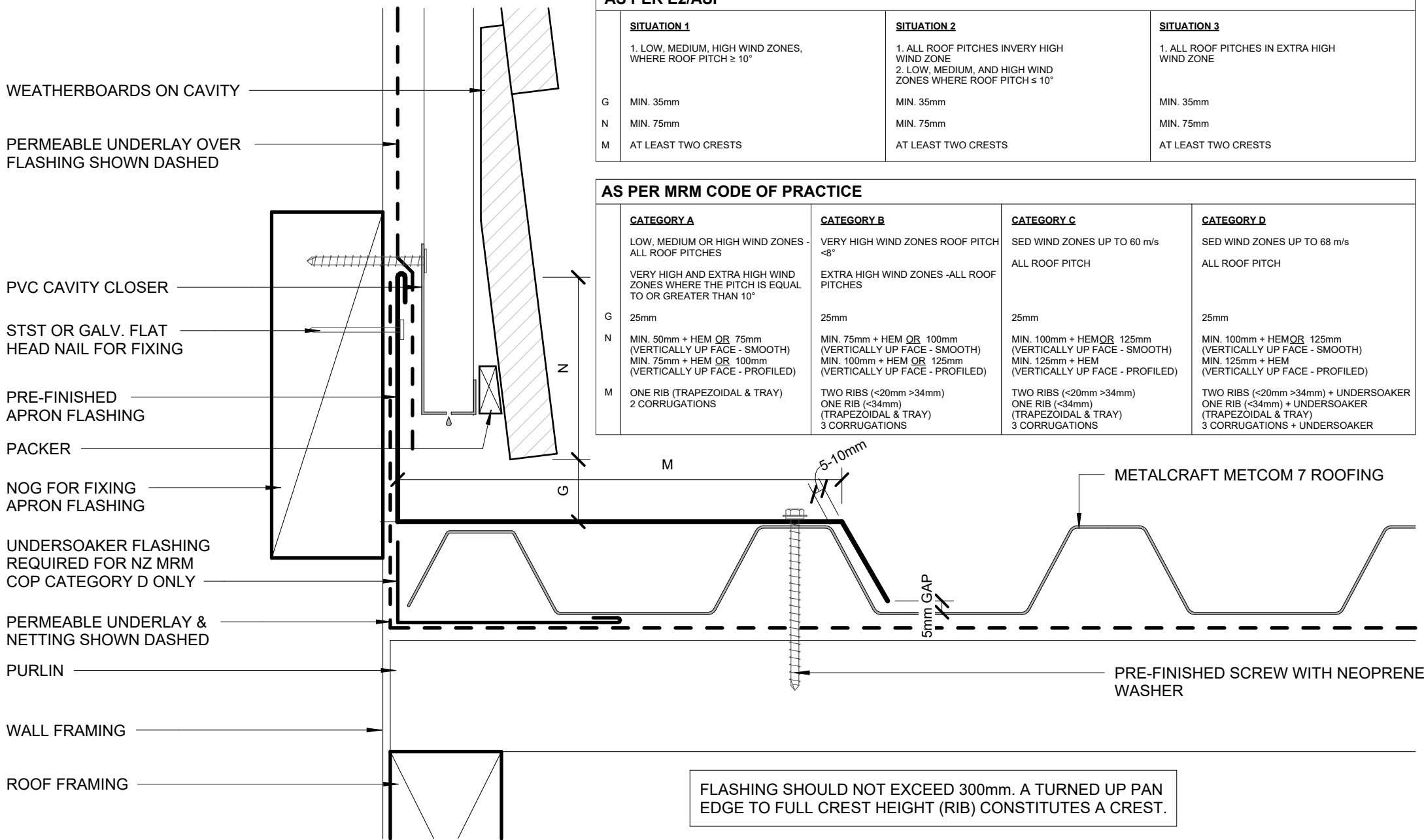
	CATEGORY A LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10°	CATEGORY B VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	CATEGORY C SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH	CATEGORY D 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)

MIN. ROOF PITCH
AS PER MRM
COP

NOTCHED EDGE DRESSED OVER
METCOM 7 RIBS

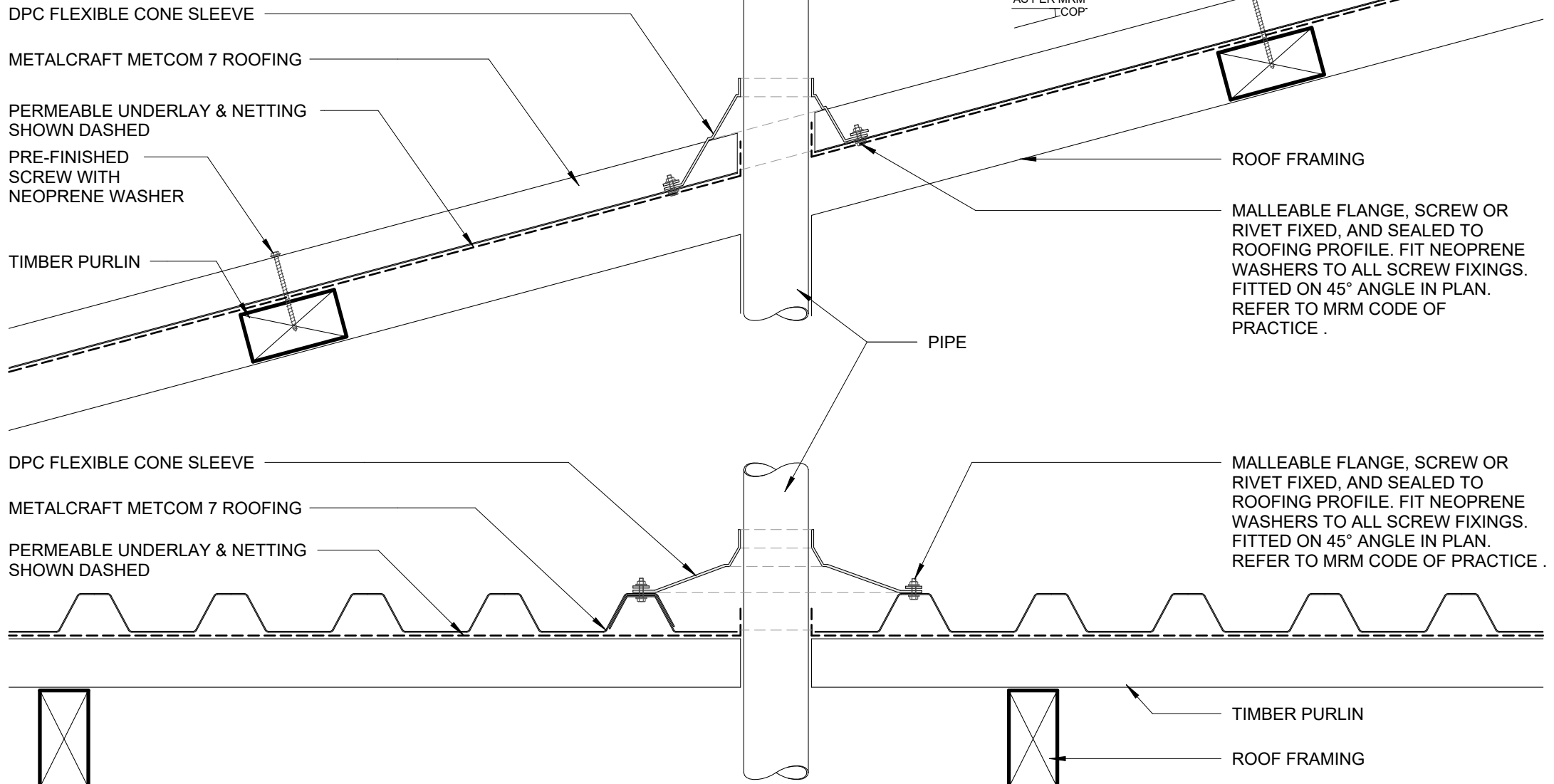
METALCRAFT METCOM 7 ROOFING

PERMEABLE UNDERLAY &
NETTING SHOWN DASHED



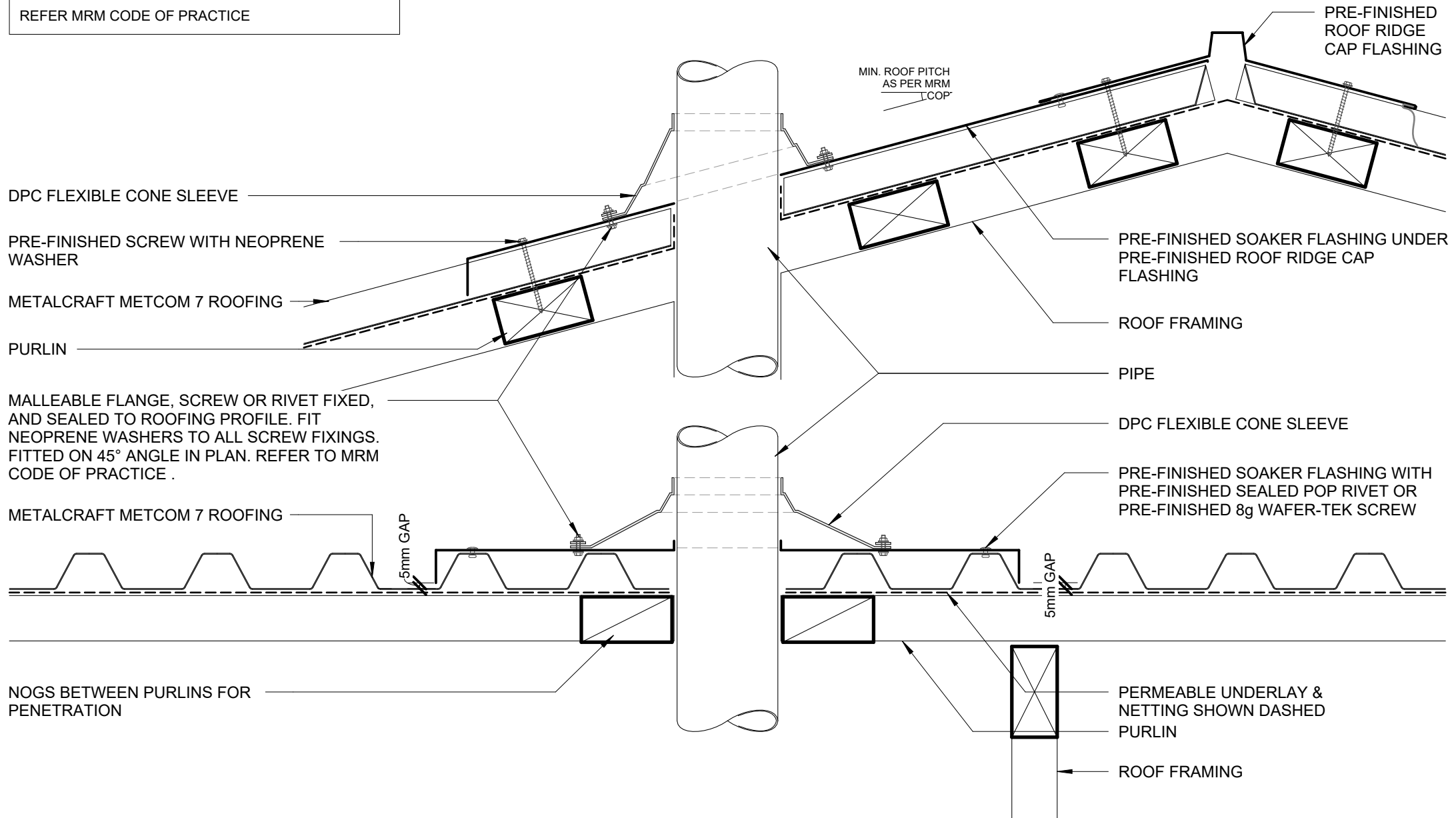
* MIN. 10° FOR PIPE PENETRATION. DIRECT FIX BOOT FLASHING IS APPLICABLE FOR WHEN LESS THAN 50% BLOCKAGE OCCURS. WHEN EXCEEDING 50% BLOCKAGE, REFER TO BACK TRAY BOOT FLASHING

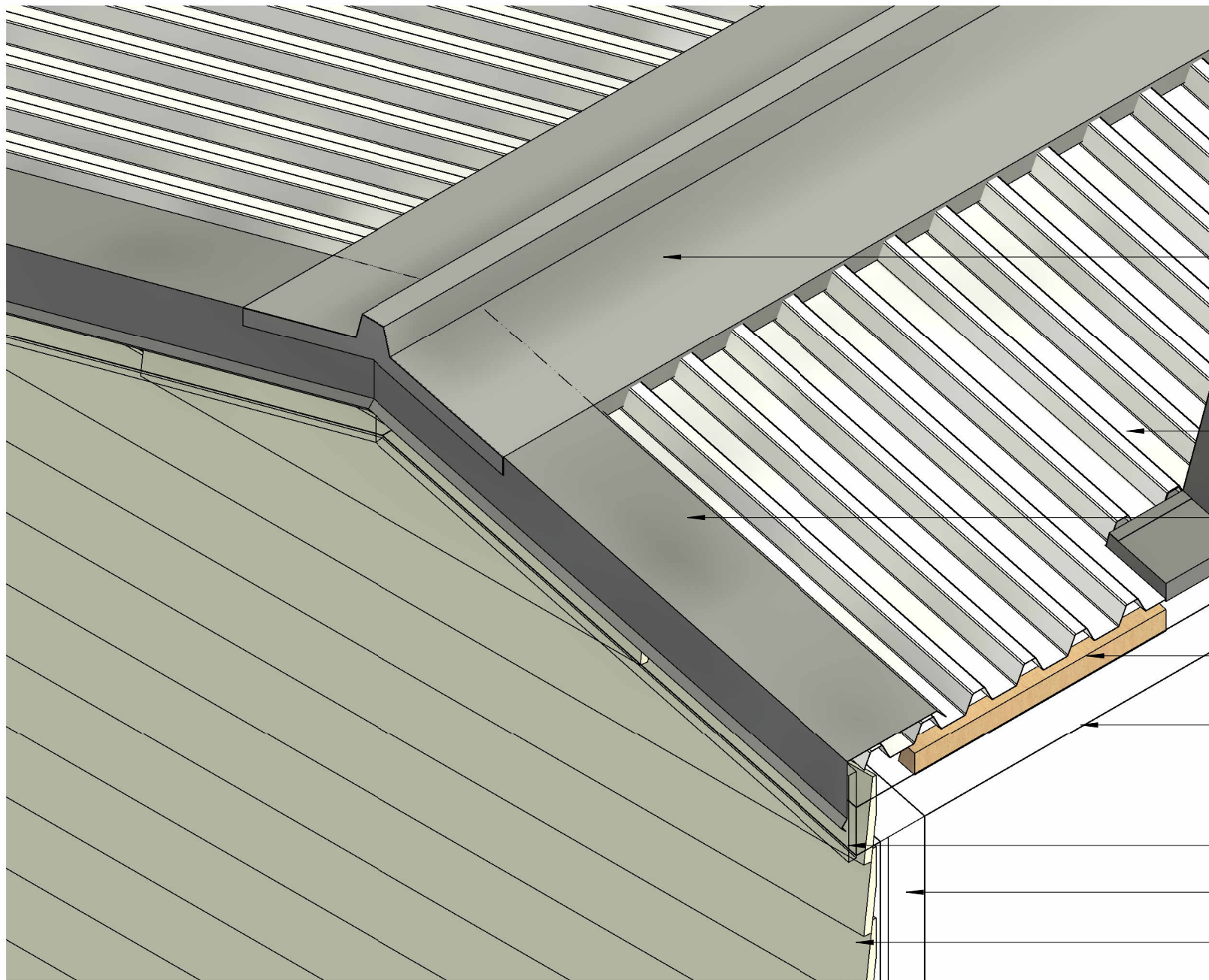
REFER MRM CODE OF PRACTICE



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

REFER MRM CODE OF PRACTICE





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

PRE-FINISHED RIDGE CAP FLASHING

METALCRAFT METCOM 7

PRE-FINISHED BARGE FLASHING

PURLIN

ROOF FRAMING

FASCIA BOARD PRE PRIMED

WALL FRAMING

WALL CLADDING ON CAVITY

3D RIDGE TO BARGE JUNCTION

RESIDENTIAL ROOFING

PRE-FINISHED BARGE FLASHING

PRE-FINISHED HIP FLASHING

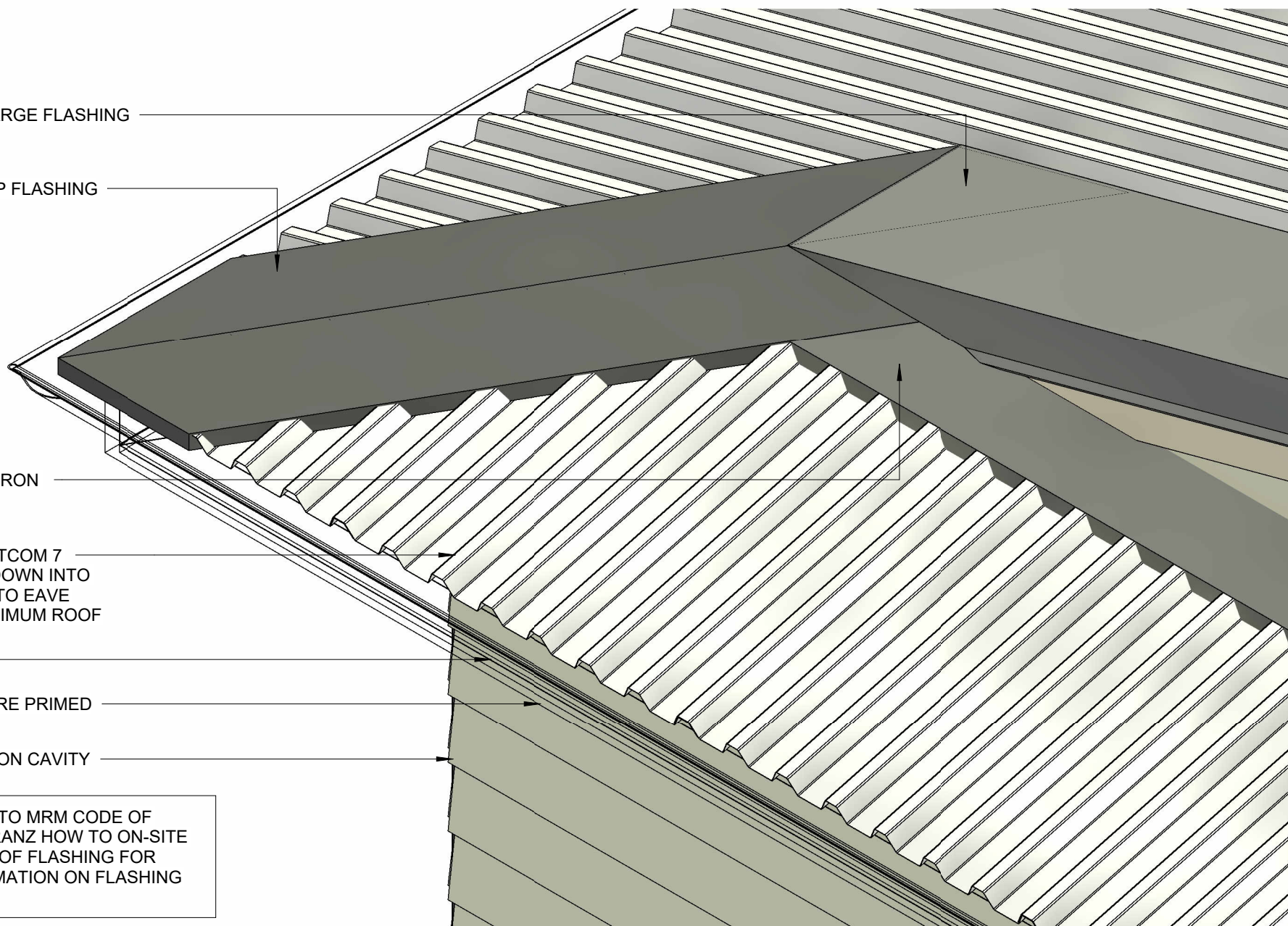
PRE-FINISHED APRON FLASHING

METALCRAFT METCOM 7
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 RANZ HOW TO ON-SITE
GUIDE METAL ROOF FLASHING FOR
FURTHER INFORMATION ON FLASHING
COVER WIDTHS.



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

WALL CLADDING ON CAVITY

PRE-FINISHED APRON DIVERTER

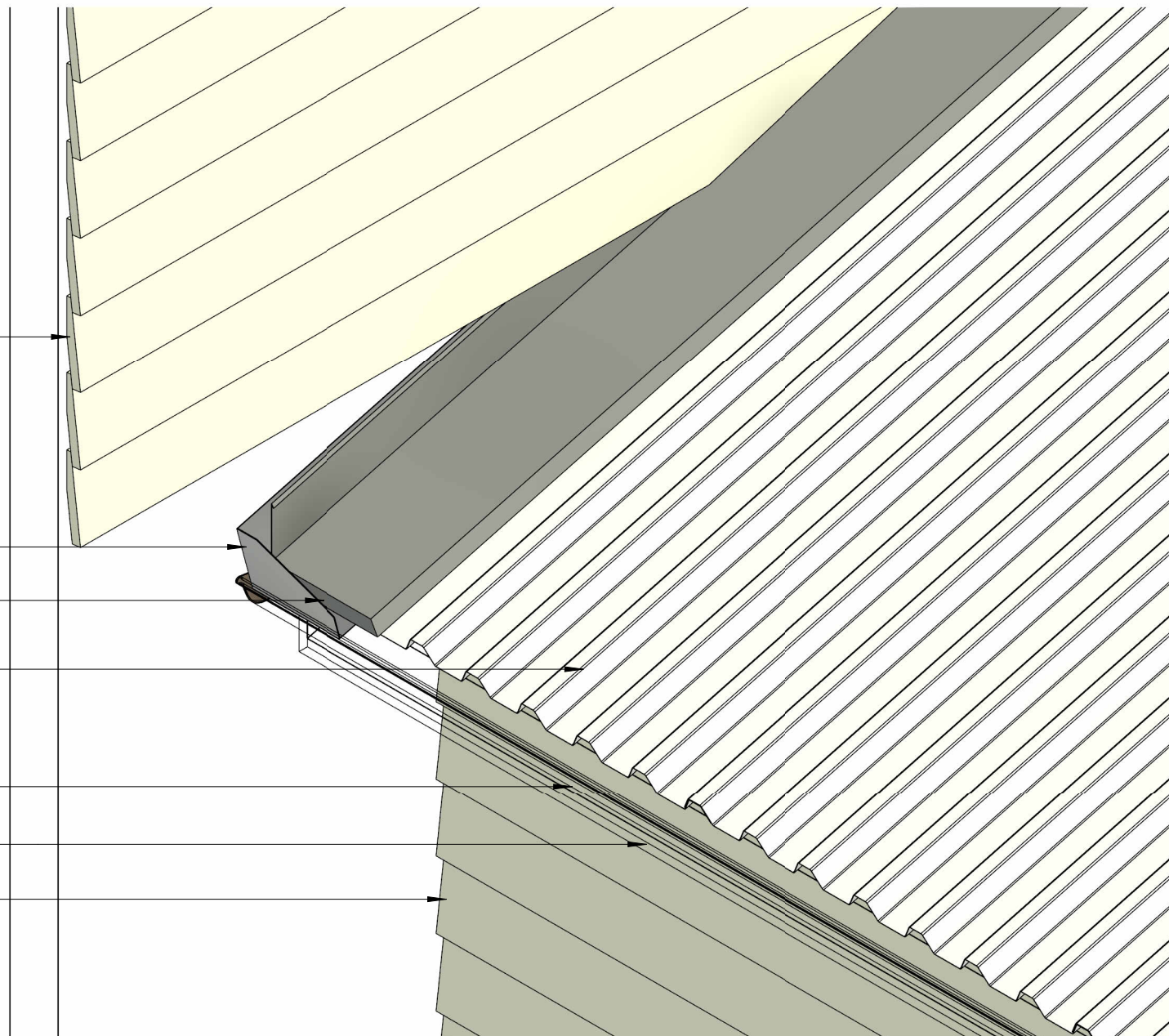
PRE-FINISHED APRON FLASHING WITH HEMMED EDGE

METALCRAFT METCOM 7 ROOFING. TURN DOWN INTO GUTTER REFER TO EAVE DETAILS FOR MINIMUM ROOF OVERHANG

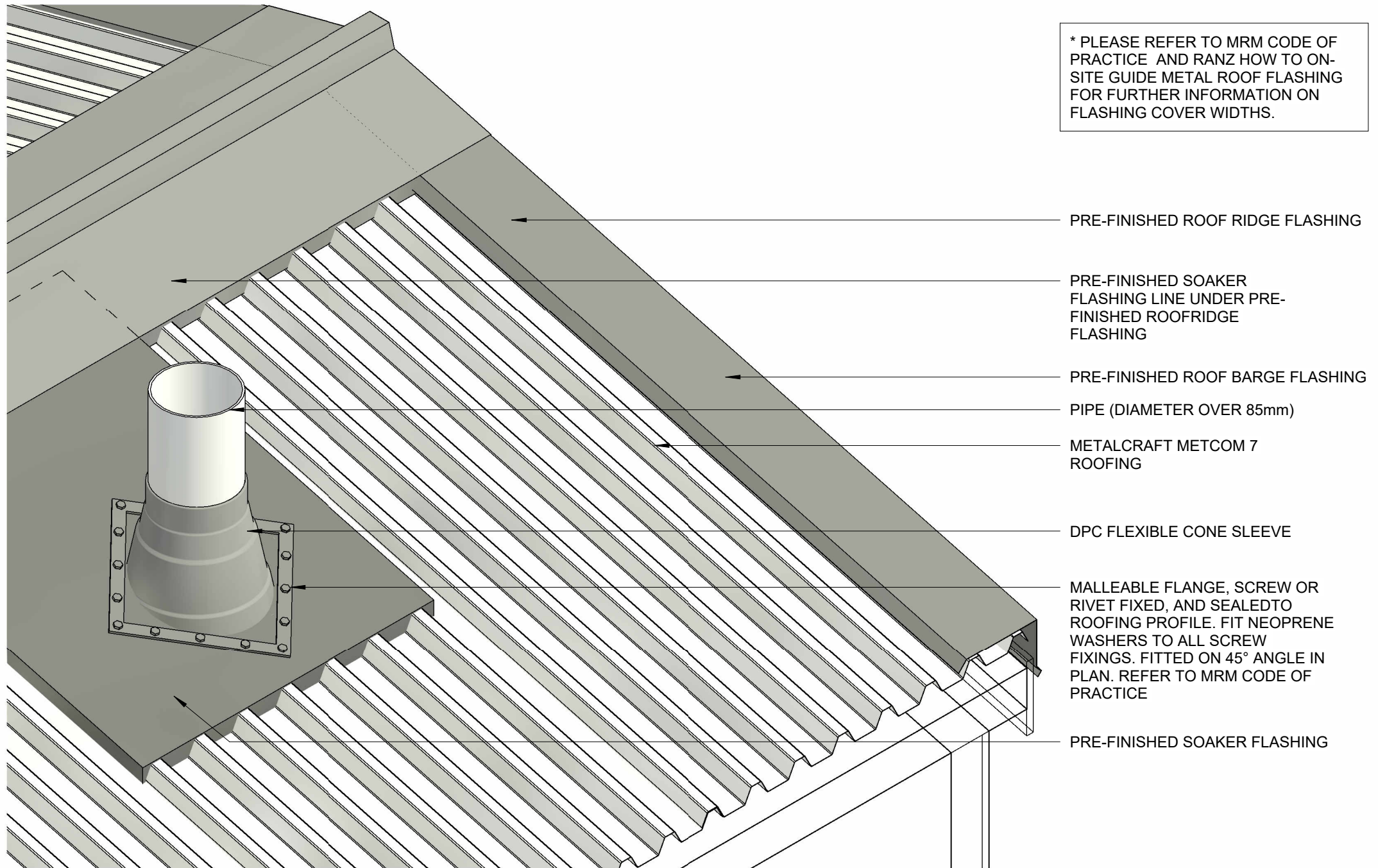
GUTTER

FASCIA BOARD PRE PRIMED

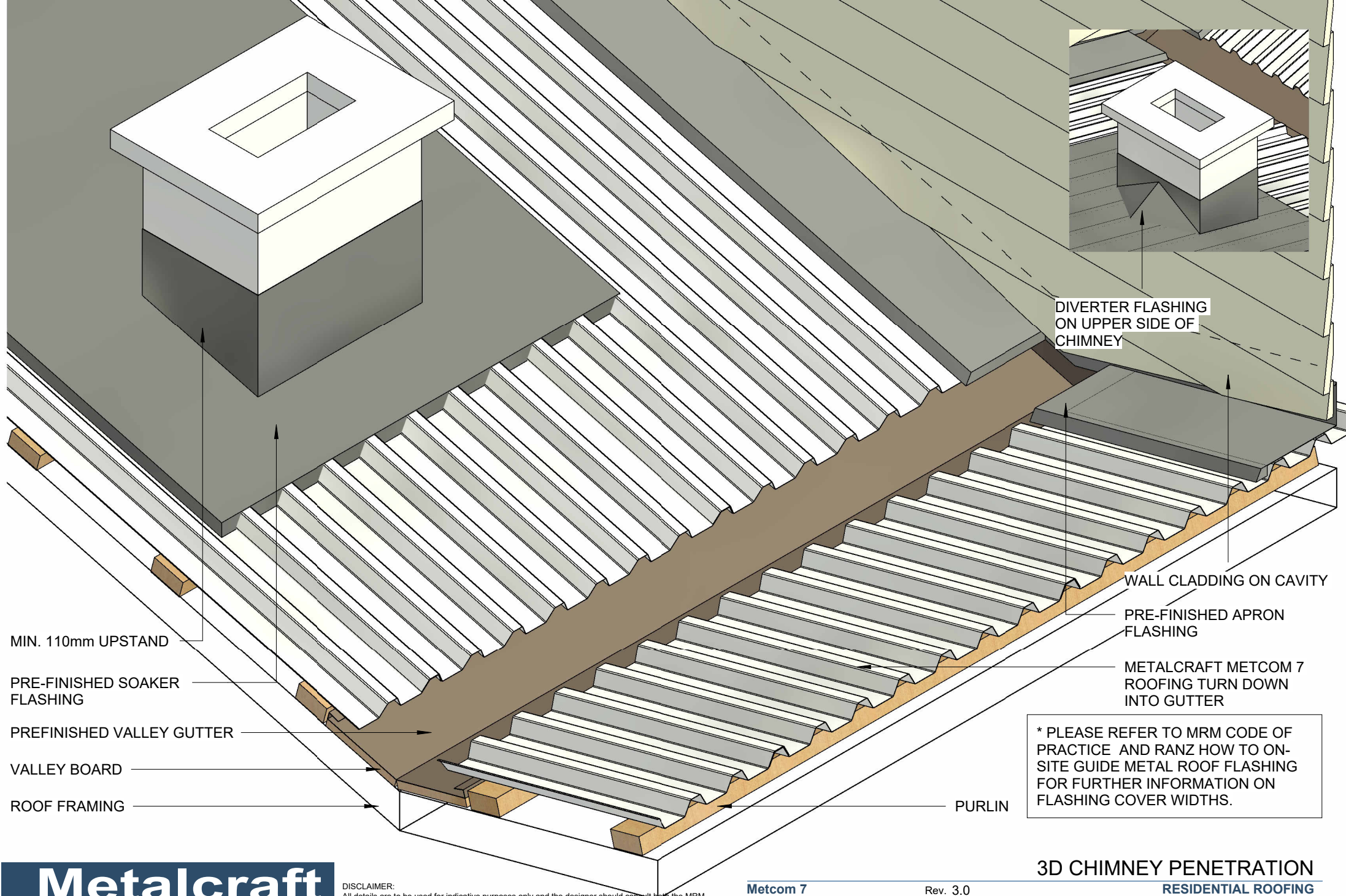
WALL CLADDING ON CAVITY

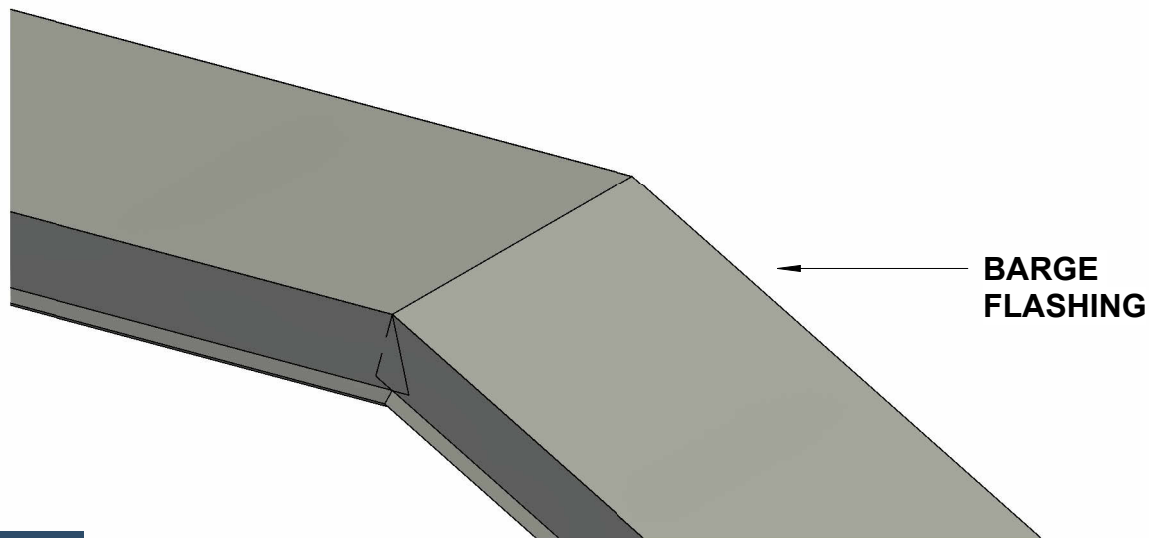
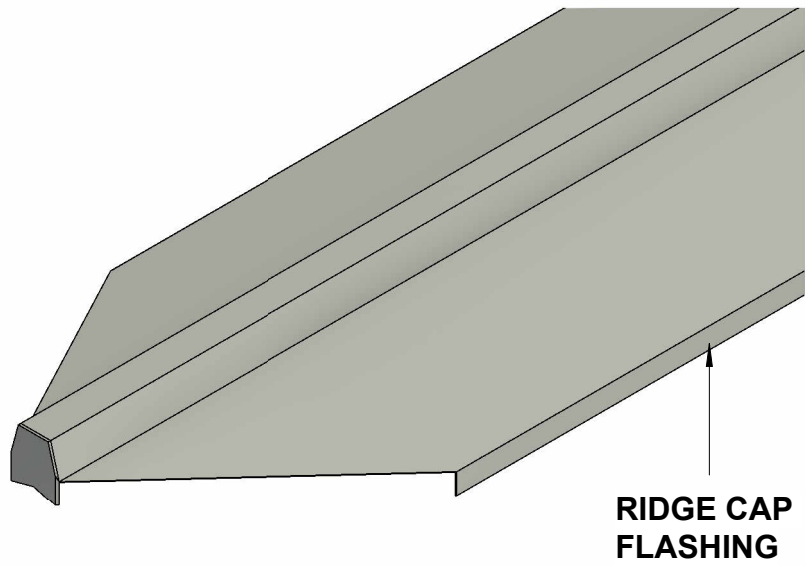


* PLEASE REFER TO MRM CODE OF PRACTICE AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHING FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

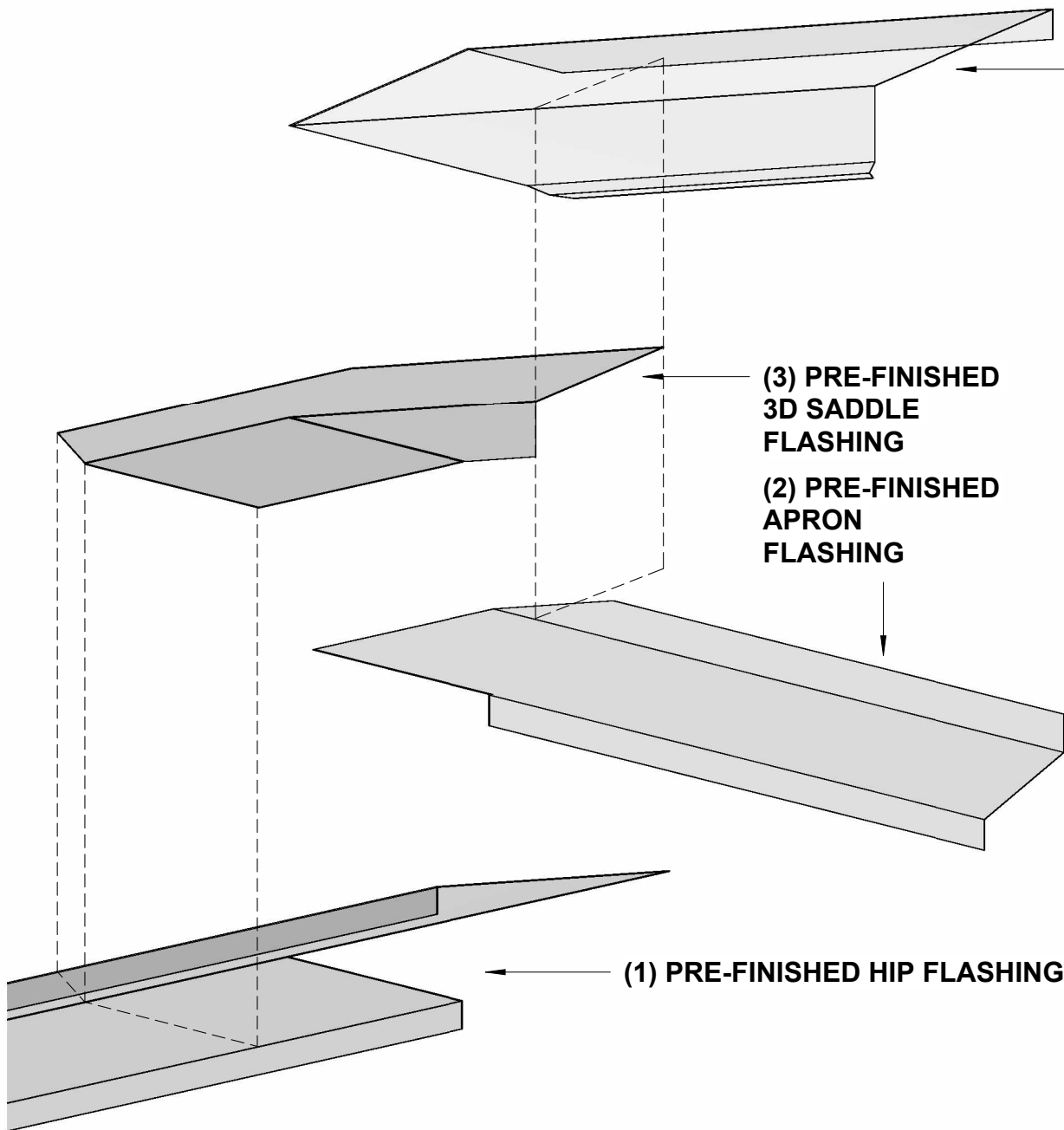


3D OVER 85mm DIAMETER PIPE PENETRATION





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



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

