

Metdek 500

RESIDENTIAL ROOFING

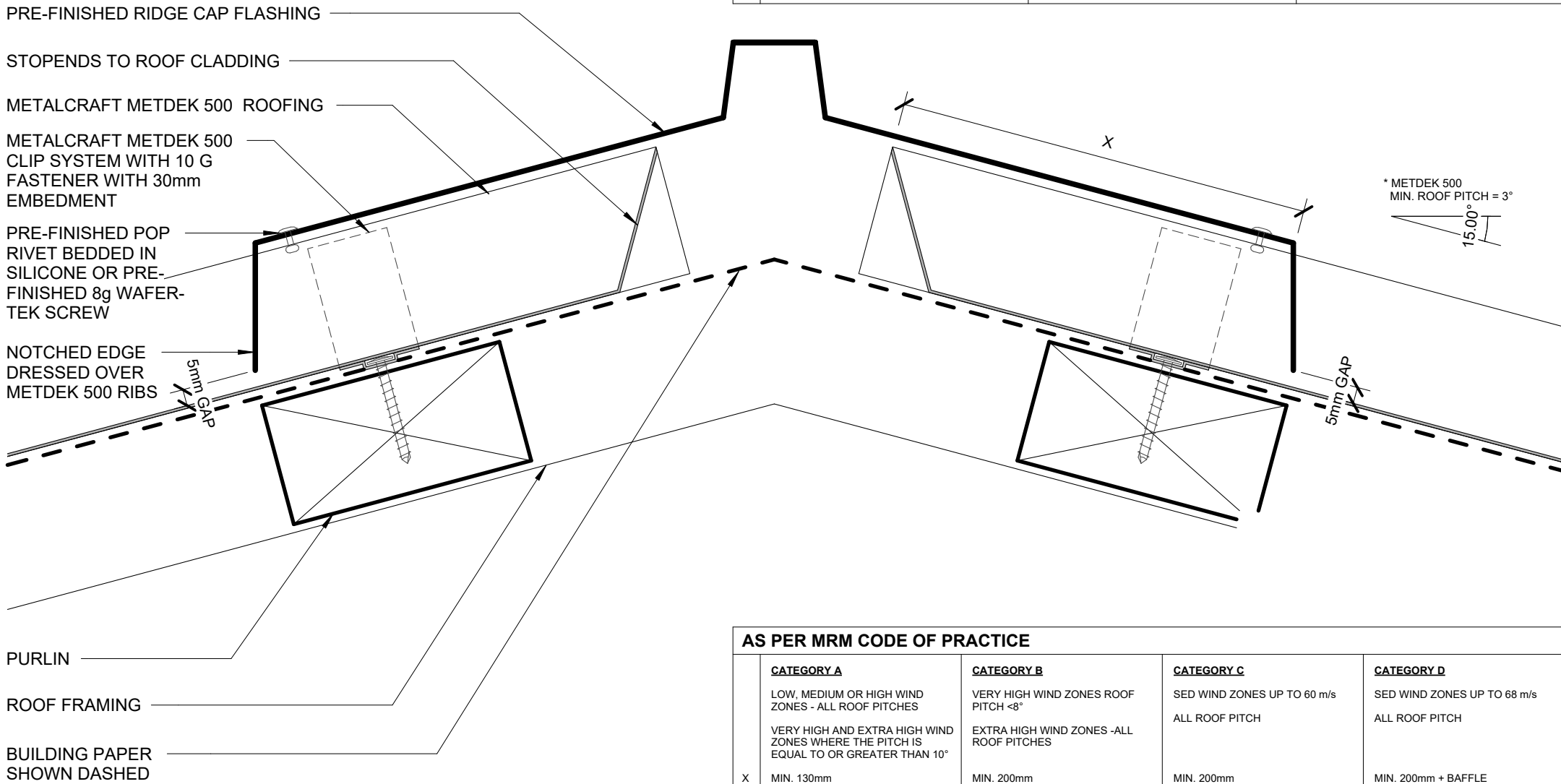
<u>DETAIL LIST</u>	<u>Revision</u>	<u>Date</u>
00 / 21	COVER SHEET	
01 / 21	ROOF RIDGE	3.0 SEP 2024
02 / 21	SAWTOOTH RIDGE WITH NO SOFFIT	3.0 SEP 2024
03 / 21	SAWTOOTH RIDGE WITH SOFFIT	3.0 SEP 2024
04 / 21	ROOF VALLEY	3.0 SEP 2024
05 / 21	ASYMMETRICAL ROOF VALLEY	3.0 SEP 2024
06 / 21	ROOF - CHANGE PITCH	3.0 SEP 2024
07 / 21	EAVE WITH SNOW STRAP	3.0 SEP 2024
08 / 21	BARGE WITH NO SOFFIT	3.0 SEP 2024
09 / 21	BARGE WITH SOFFIT	3.0 SEP 2024
10 / 21	PARAPET WITH TRANSVERSE APRON	3.0 SEP 2024
11 / 21	TRANSVERSE APRON	3.0 SEP 2024
12 / 21	PARALLEL APRON	3.0 SEP 2024
13 / 21	PIPE PENETRATION DIRECT FIXED BOOT FLASHING	3.0 SEP 2024
14 / 21	PIPE PENETRATION BACK TRAY BOOT FLASHING	3.0 SEP 2024
15 / 21	3D RIDGE TO BARGE JUCTION	3.0 SEP 2024
16 / 21	3D DUTCH GABLE	3.0 SEP 2024
17 / 21	3D APRON	3.0 SEP 2024
18 / 21	3D OVER 85mm DIAMETER PIPE PENETRATION	3.0 SEP 2024
19 / 21	3D CHIMNEY PENETRATION	3.0 SEP 2024
20 / 21	3D RIDGE/BARGE FLASHINGS	3.0 SEP 2024
21 / 21	3D DUTCH GABLE FLASHINGS	3.0 SEP 2024

RRMD500

Metalcraft
Roofing
www.metalcraftgroup.co.nz

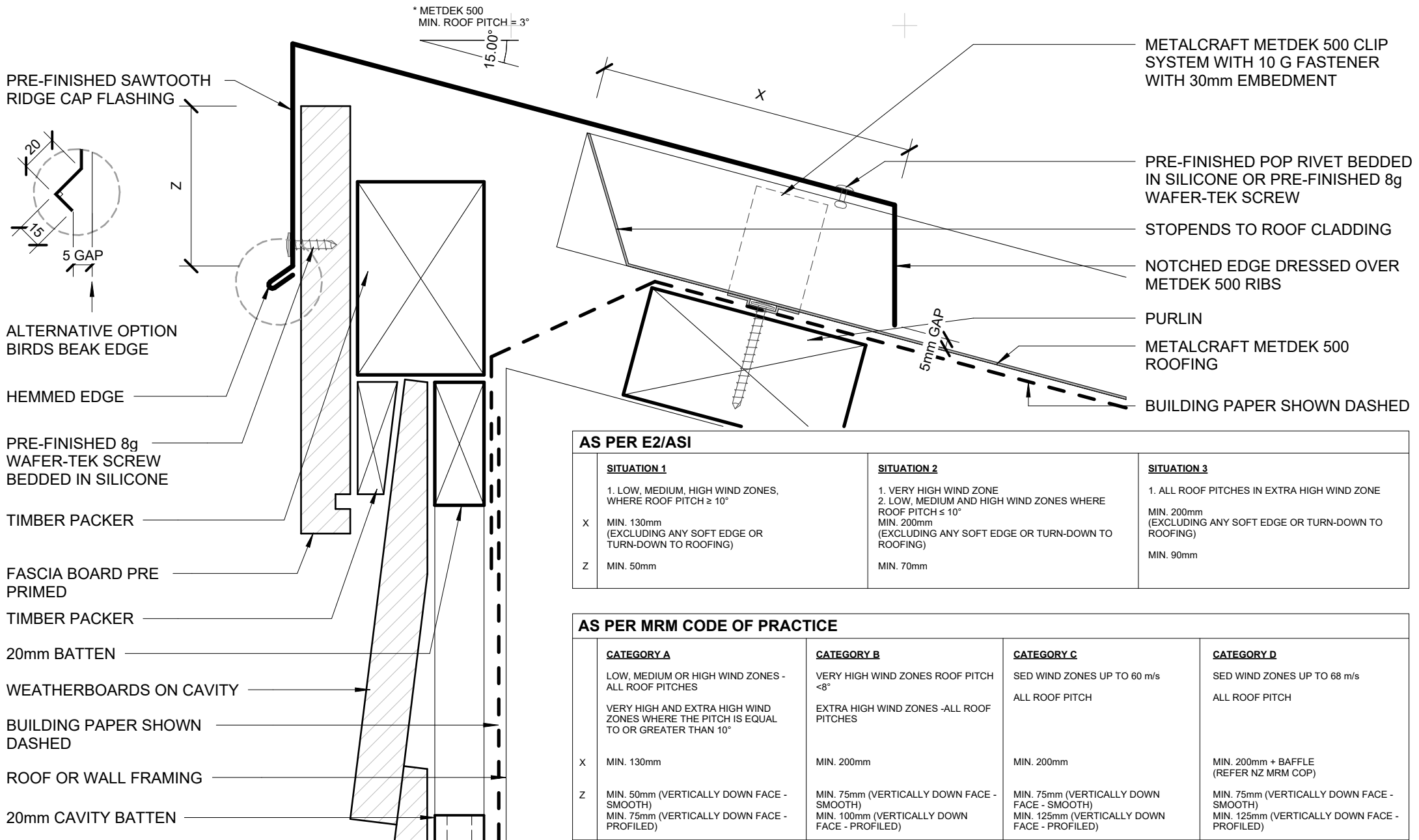
AS PER E2/ASI

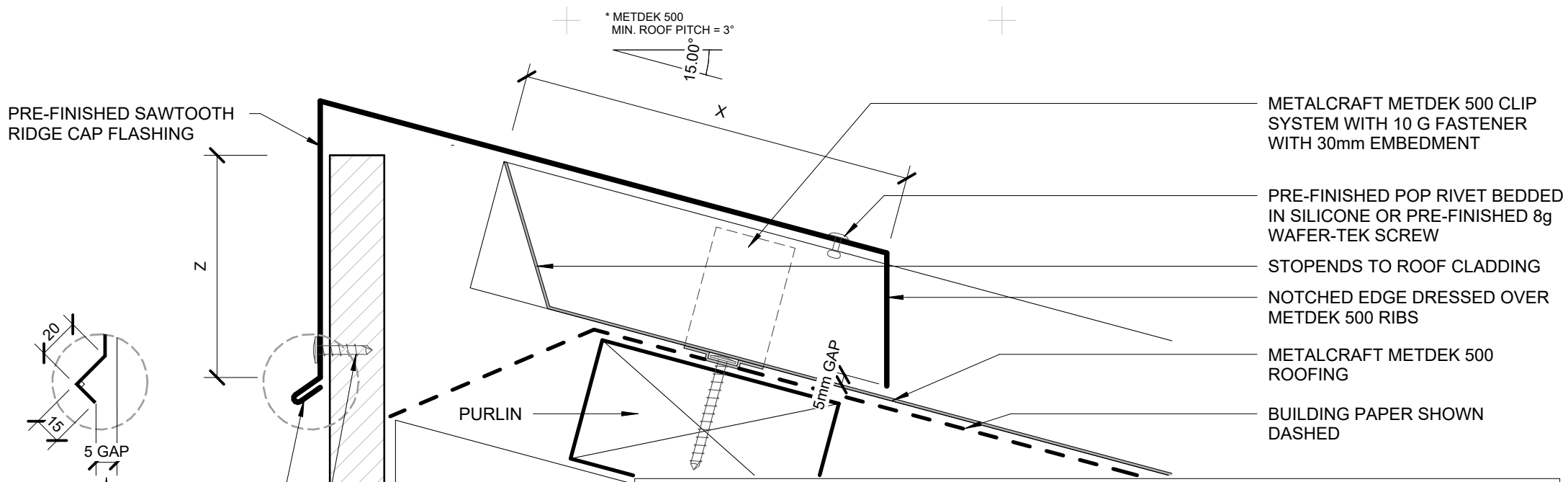
	SITUATION 1	SITUATION 2	SITUATION 3
X	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN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



AS PER MRM CODE OF PRACTICE

	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
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)





ALTERNATIVE OPTION
BIRDS BEAK EDGE

HEMMED EDGE

PRE-FINISHED 8g
WAFER-TEK SCREW
BEDDED IN SILICONE

FASCIA BOARD PRE PRIMED

ROOF FRAMING

SOFFIT LINING

METALCRAFT METDEK 500 CLIP
SYSTEM WITH 10 G FASTENER
WITH 30mm EMBEDMENT

PRE-FINISHED POP RIVET BEDDED
IN SILICONE OR PRE-FINISHED 8g
WAFER-TEK SCREW

STOPENDS TO ROOF CLADDING

NOTCHED EDGE DRESSED OVER
METDEK 500 RIBS

METALCRAFT METDEK 500
ROOFING

BUILDING PAPER SHOWN
DASHED

AS PER E2/ASI

	<u>SITUATION 1</u>	<u>SITUATION 2</u>	<u>SITUATION 3</u>
	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

	<u>CATEGORY A</u>	<u>CATEGORY B</u>	<u>CATEGORY C</u>	<u>CATEGORY D</u>
	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. 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)

METALCRAFT METDEK 500 ROOFING

METALCRAFT METDEK 500 CLIP SYSTEM WITH 10 G FASTENER WITH 30mm EMBEDMENT

OVERALL VALLEY GUTTER WIDTH MIN. 250mm

CLEARANCE BETWEEN ROOFING 50mm MIN.

VALLEYS =

20mm MINIMUM FREEBOARD UP TO 8 DEGREE ROOF PITCH

15mm MINIMUM FREEBOARD OVER 8 DEGREE ROOF PITCH

* METDEK 500 MIN. ROOF PITCH = 3°

MIN. 80mm

MIN. 80mm

PURLIN

ROOF FRAMING

VALLEY BOARD

BUILDING PAPER CONTINUOUS UNDER GUTTER IF COPPER BASED TREATMENTS ARE USED. SHOWN DASHED

PREFINISHED VALLEY GUTTER

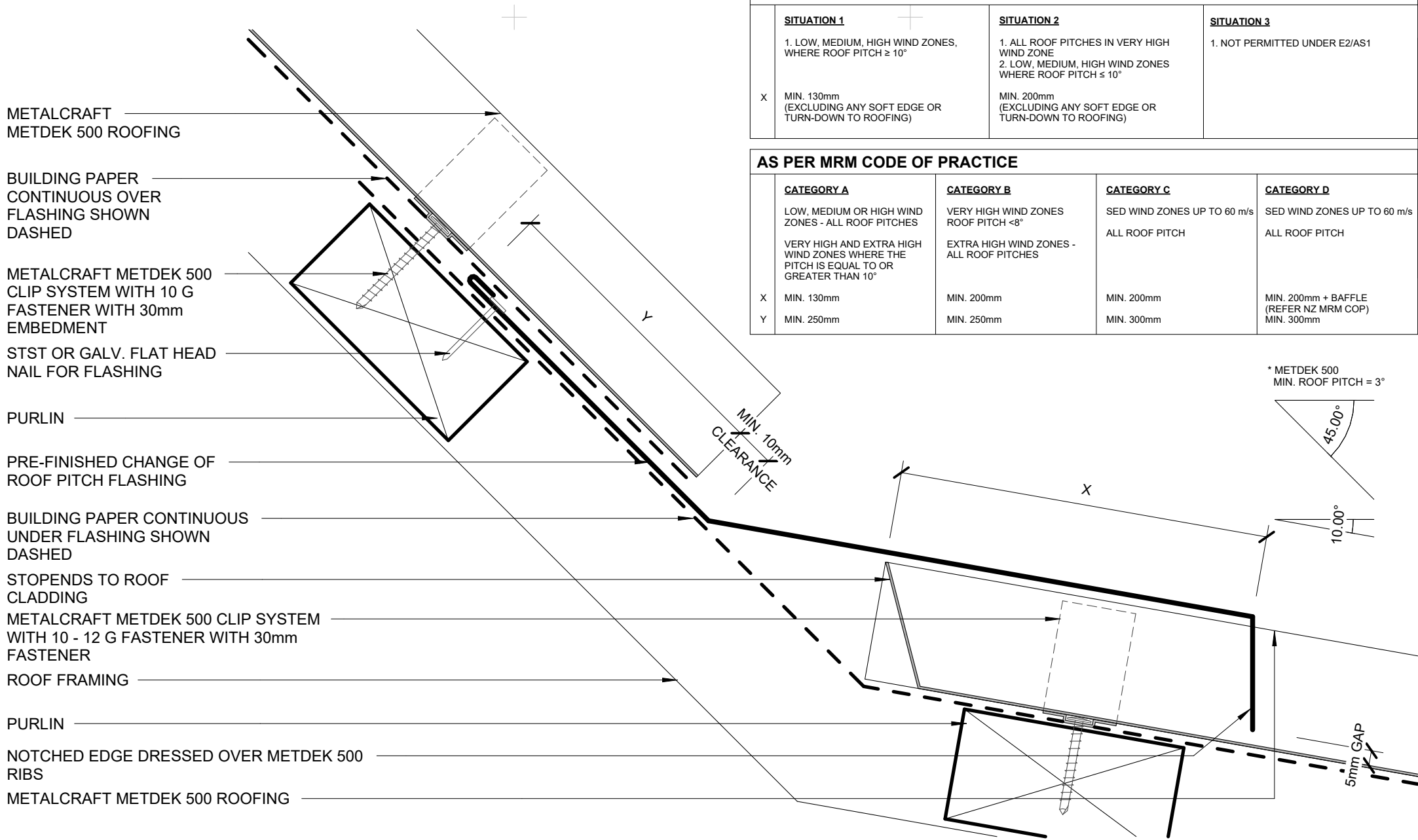
FREEBOARD
SEE NOTE

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.



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

* METDEK 500
 MIN. ROOF PITCH = 3°
 15.00°

METALCRAFT METDEK 500 ROOFING

PRE-FINISHED POP RIVET BEDDED IN SILICONE 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

METALLINE™ QUAD GUTTER

METALLINE™ QUAD GUTTER INTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK SCREW

TIMBER FASCIA PRE PRIMED

DIMENSION TO SUIT
 SUGGEST MIN. 125mm

MIN. 35mm
 OVERLAP

*OVERFLOW

MIN. 10mm

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

TIMBER PURLIN

STST OR GALV. FLAT HEAD NAIL FOR FLASHING

METALCRAFT METDEK 500 CLIP SYSTEM WITH 10 G FASTENER WITH 30mm EMBEDMENT

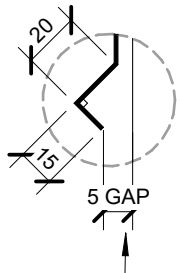
TIMBER ROOF FRAMING

SOFFIT LINING

UNDERSOAKER
FLASHING REQUIRED
FOR NZ MRM COP
CATEGORY D ONLY

PRE-FINISHED
BARGE FLASHING

PRE-FINISHED
8g WAFER-TEK
SCREW
BEDDED IN
SILICONE



ALTERNATIVE
OPTION
BIRDS BEAK EDGE

HEMMED EDGE

TIMBER PACKER

BARGE BOARD
PRE PRIMED

TIMBER FASCIA PRE
PRIMED

20mm BATTEN

ROOF FRAMING

WEATHERBOARDS ON CAVITY

BUILDING PAPER 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 POP RIVET
BEDDED IN SILICONE OR
PRE-FINISHED 8g WAFER-
TEK SCREW

METALCRAFT METDEK 500
CLIP SYSTEM WITH 10 G
FASTENER WITH 30mm
EMBEDMENT

METALCRAFT METDEK 500
ROOFING

BUILDING PAPER
SHOWN DASHED

PRE-FINISHED SELF
DRILLING/TAPPING SCREW WITH
RUBBER WASHER

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°	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

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.

Metdek 500

Rev. 3.0

Reference RRMD500

Date SEP 2024

BARGE WITH NO SOFFIT

RESIDENTIAL ROOFING

Scale 1 : 2

Sheet **08 / 21**

METALCRAFT METDEK 500 ROOFING

UNDERSOAKER FLASHING REQUIRED FOR NZ MRM COP CATEGORY D ONLY

PRE-FINISHED 8g WAFER-TEK SCREW BEDDED IN SILICONE

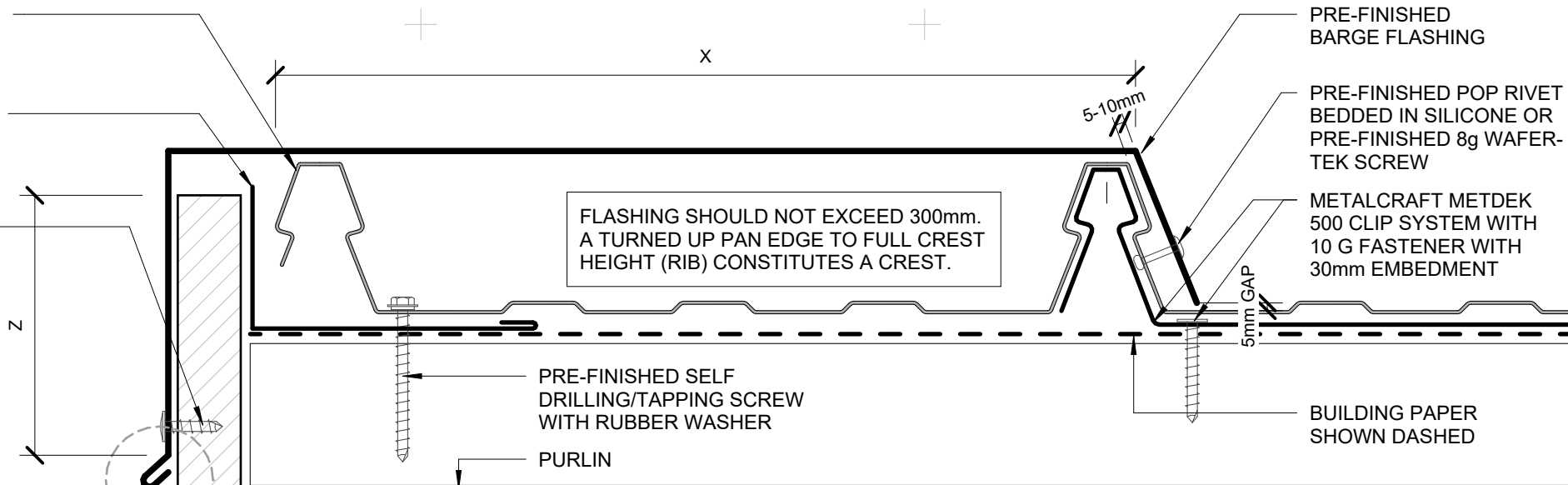
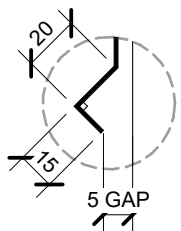
ALTERNATIVE OPTION BIRDS BEAK EDGE

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

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.

Metdek 500

Rev. 3.0

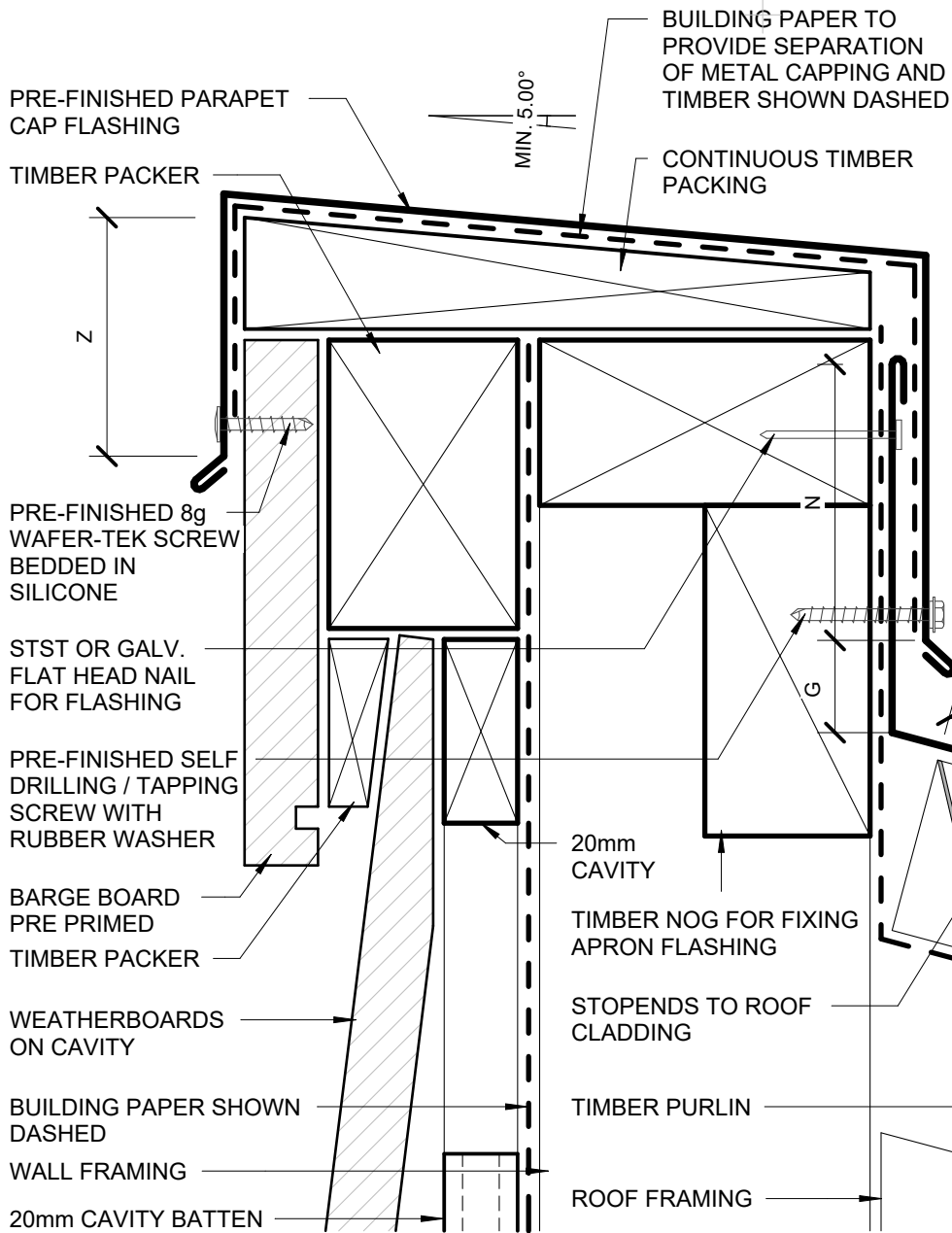
Reference RRMD500

Date SEP 2024

BARGE WITH SOFFIT
RESIDENTIAL ROOFING

Scale 1 : 2

Sheet **09 / 21**

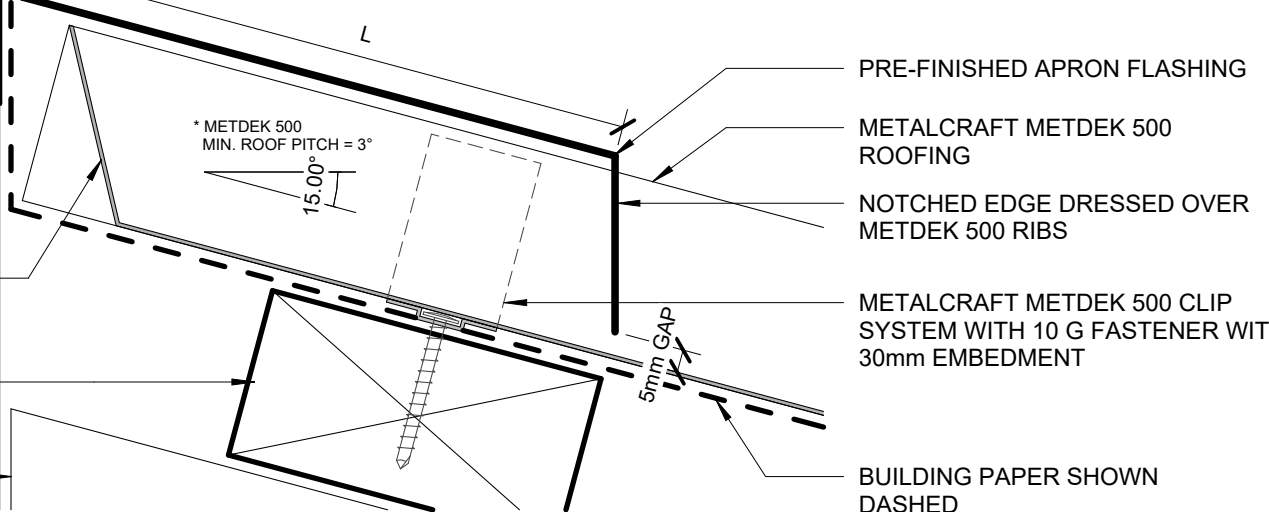


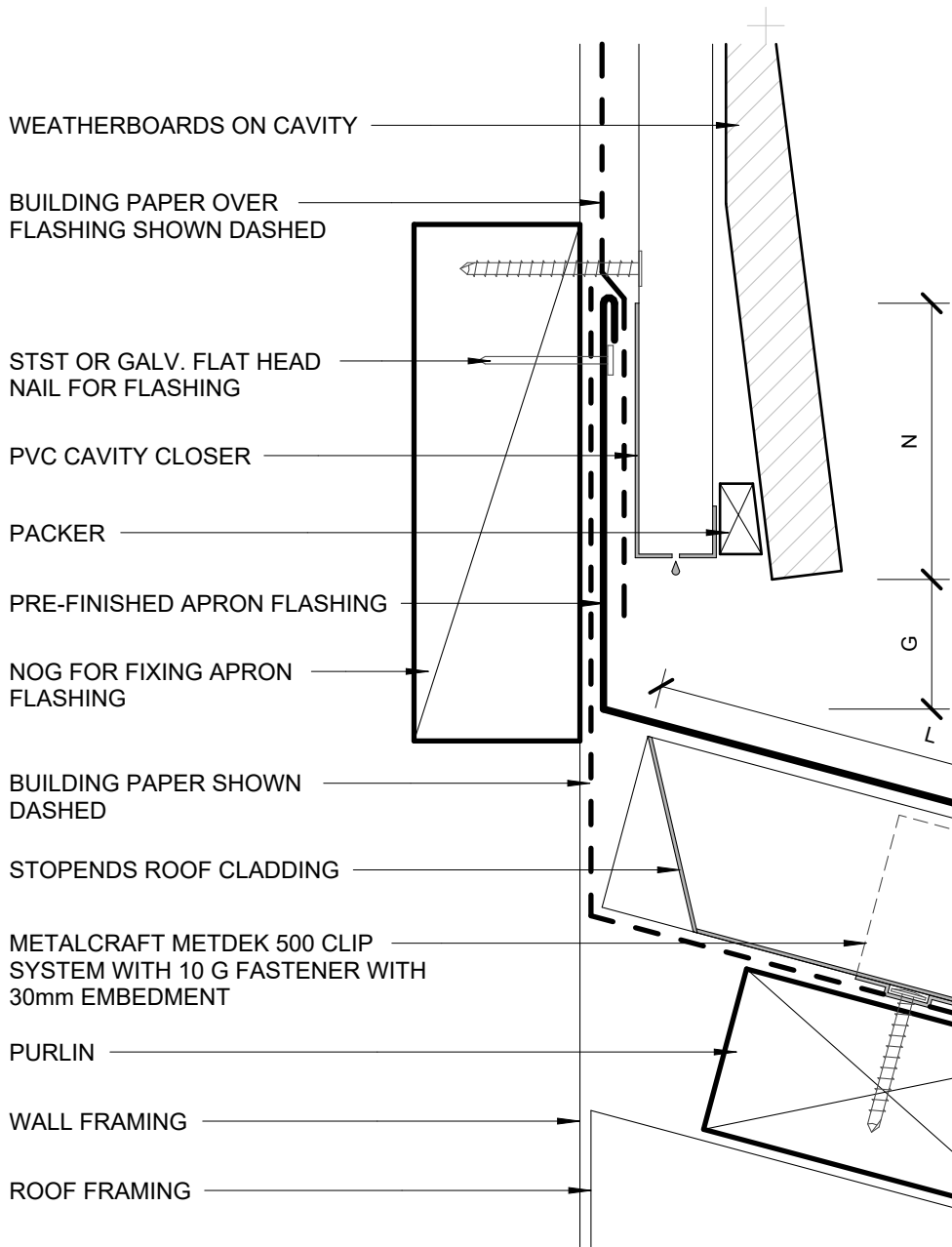
AS PER E2/ASI

	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°	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)
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)

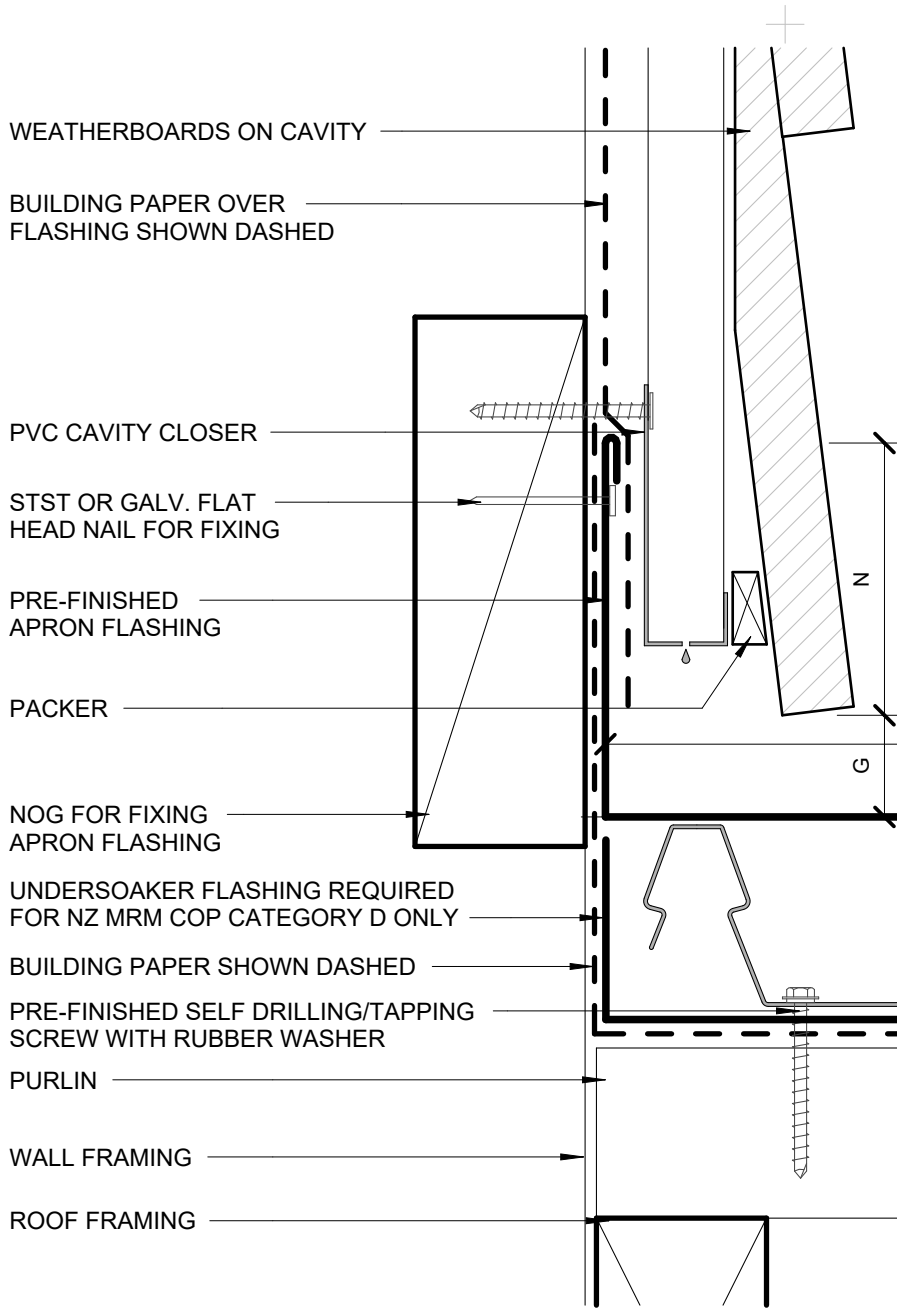
AS PER MRM CODE OF PRACTICE				
	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10°	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	SED 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)

* METDEK 500
MIN. ROOF PITCH = 3°
15.00°

NOTCHED EDGE DRESSED OVER METDEK 500 RIBS

METALCRAFT METDEK 500 ROOFING

BUILDING PAPER SHOWN DASHED



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°	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				

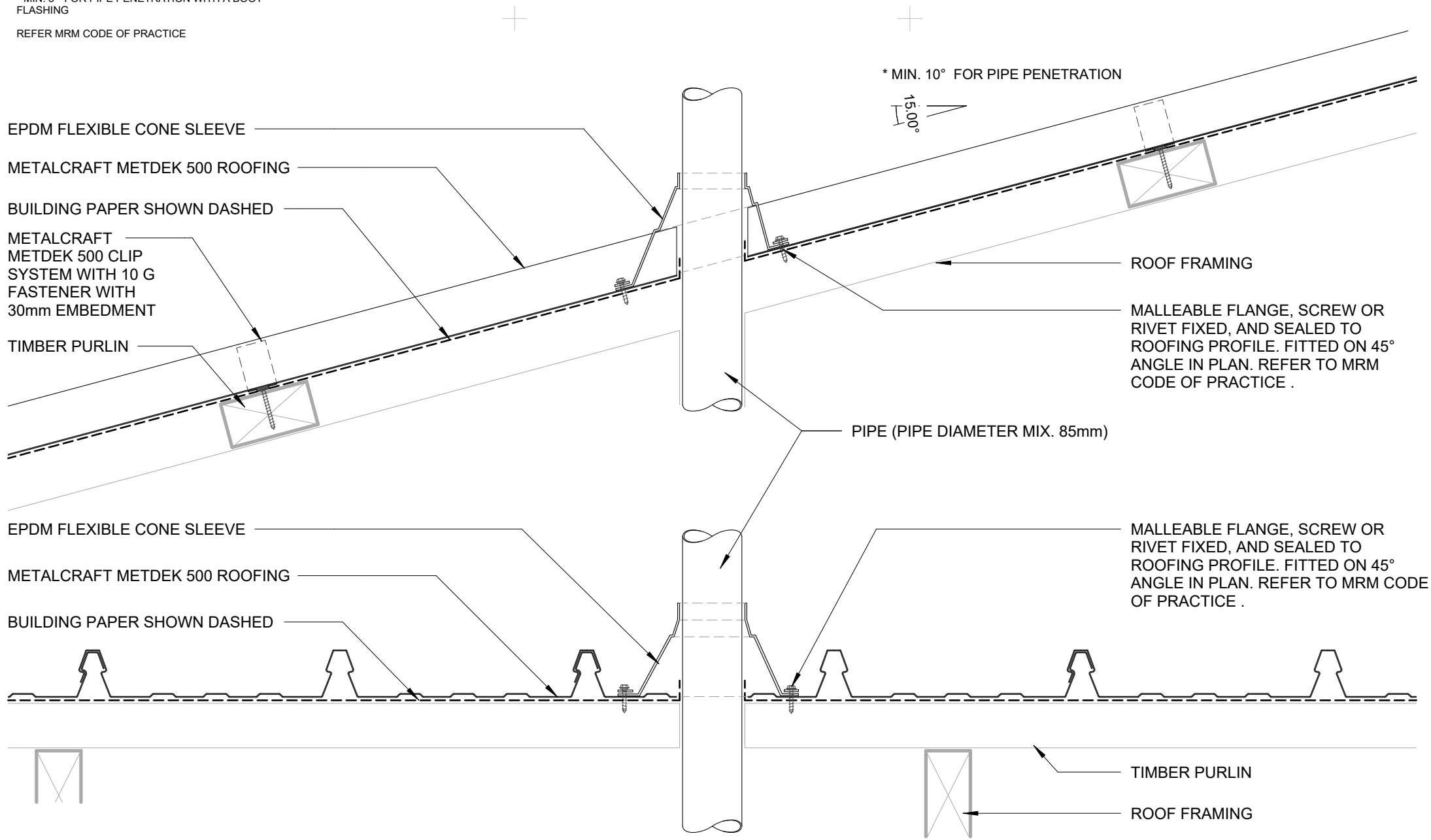
FLASHING SHOULD NOT EXCEED 300mm. A TURNED UP PAN EDGE TO FULL CREST HEIGHT (RIB) CONSTITUTES A CREST.

PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW

METALCRAFT METDEK 500 CLIP SYSTEM WITH 10 G FASTENER WITH 30mm EMBEDMENT

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

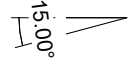
REFER MRM CODE OF PRACTICE



* MINIMUM PITCH 3° FOR PIPE PENETRATION.
BOOT FLASHINGS MUST BE FIXED DIAGONALLY TO
THE FALL OF THE ROOF.

REFER MRM CODE OF PRACTICE

* MIN. 10° FOR PIPE PENETRATION



EPDM FLEXIBLE CONE SLEEVE

METALCRAFT METDEK 500 CLIP SYSTEM
WITH 10 G FASTENER WITH 30mm
EMBEDMENT

METALCRAFT METDEK 500
ROOFING

PURLIN

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

METALCRAFT METDEK 500
ROOFING

5mm GAP

M

NOGS BETWEEN PURLINS FOR
PENETRATION

BUILDING PAPER SHOWN DASHED

PURLIN

ROOF FRAMING

EPDM FLEXIBLE CONE SLEEVE

PRE-FINISHED SOAKER FLASHING WITH
PRE-FINISHED POP RIVET BEDDED IN
SILICONE OR PRE-FINISHED 8g WAFER-
TEK SCREW

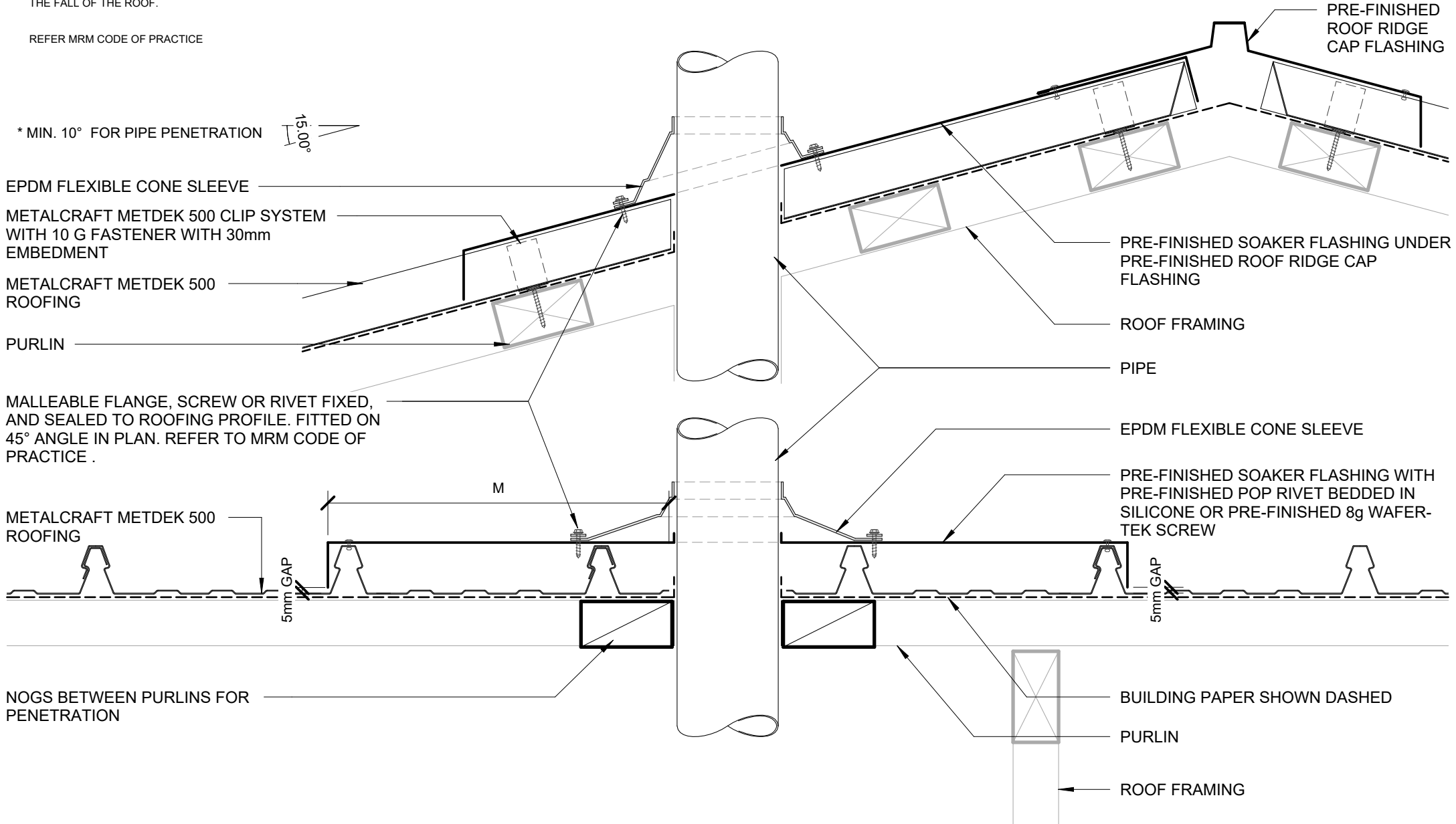
5mm GAP

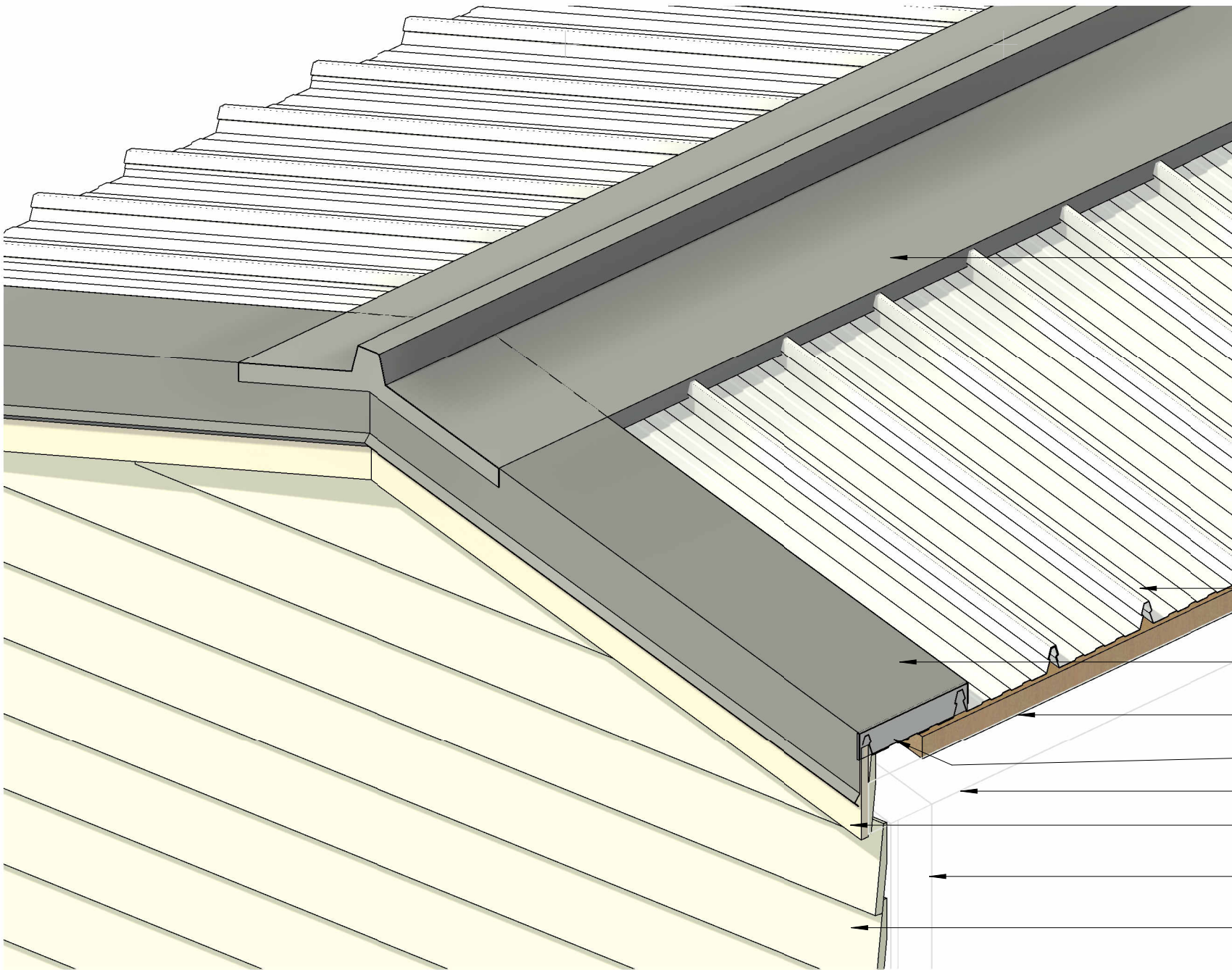
PRE-FINISHED SOAKER FLASHING UNDER
PRE-FINISHED ROOF RIDGE CAP
FLASHING

ROOF FRAMING

PIPE

PRE-FINISHED
ROOF RIDGE
CAP FLASHING





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

PRE-FINISHED RIDGE CAP FLASHING

METALCRAFT METDEK 500 ROOFING

PRE-FINISHED BARGE FLASHING

PURLIN

FOLDED DOWN END

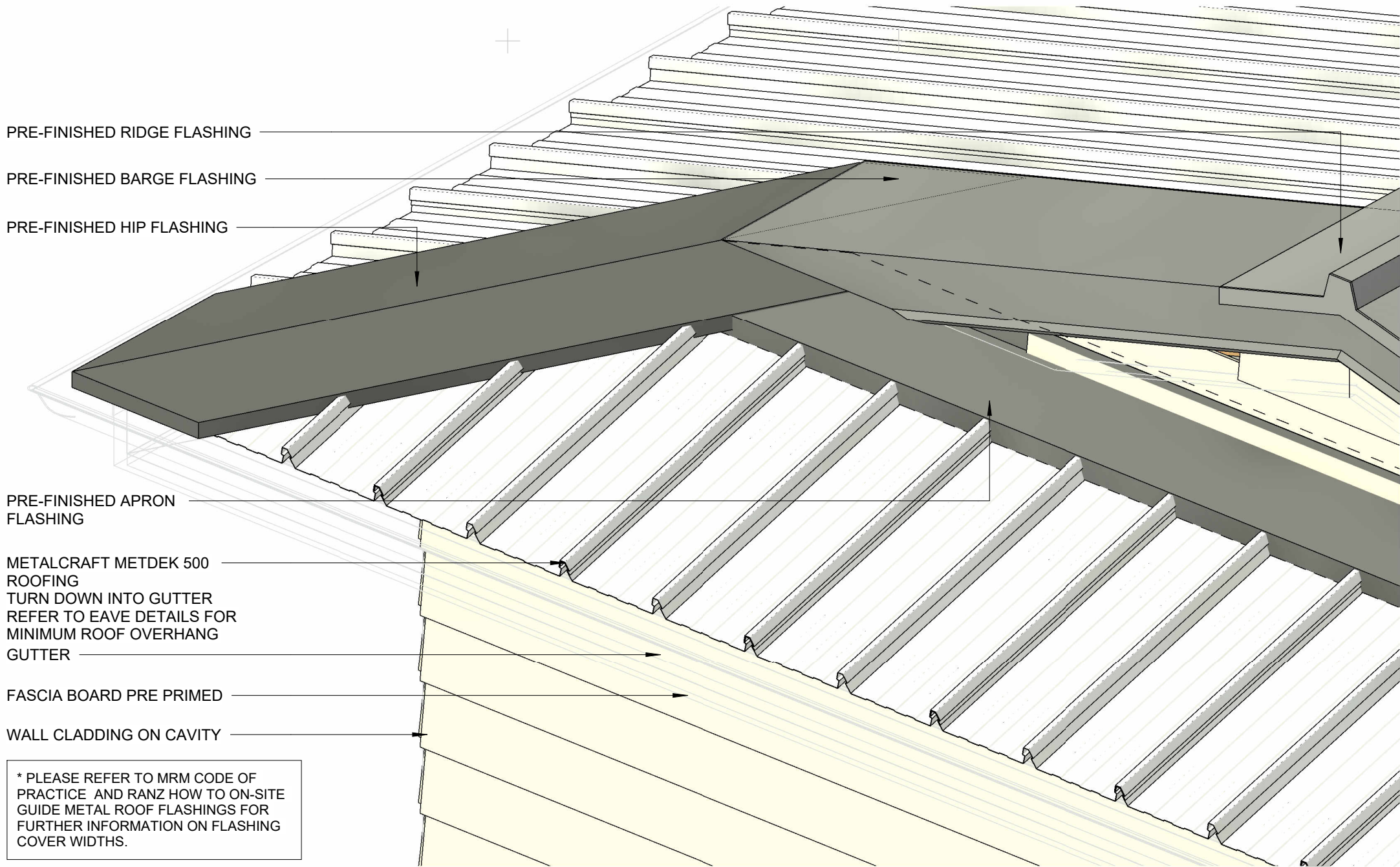
ROOF FRAMING

FASCIA BOARD PRE PRIMED

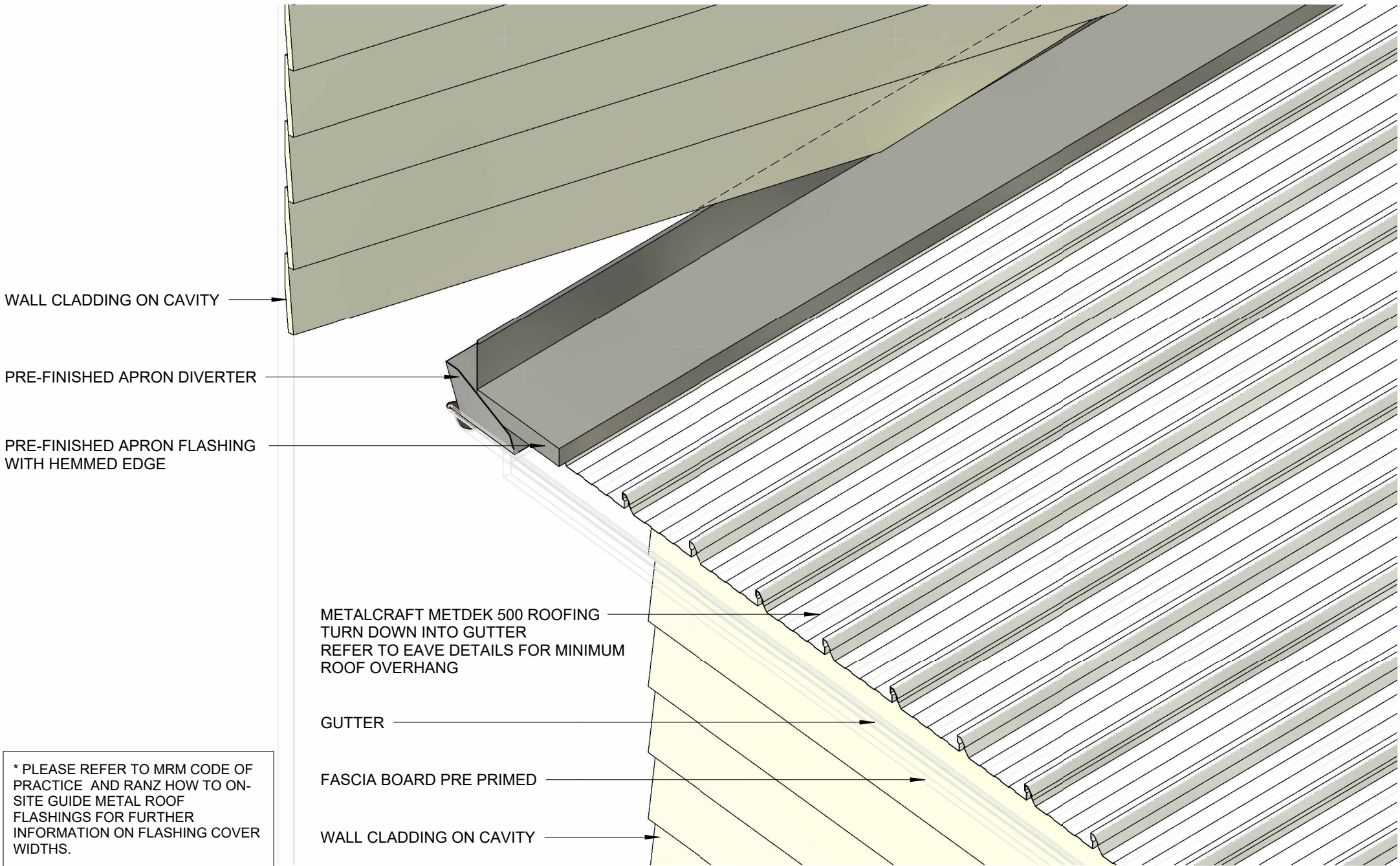
WALL FRAMING

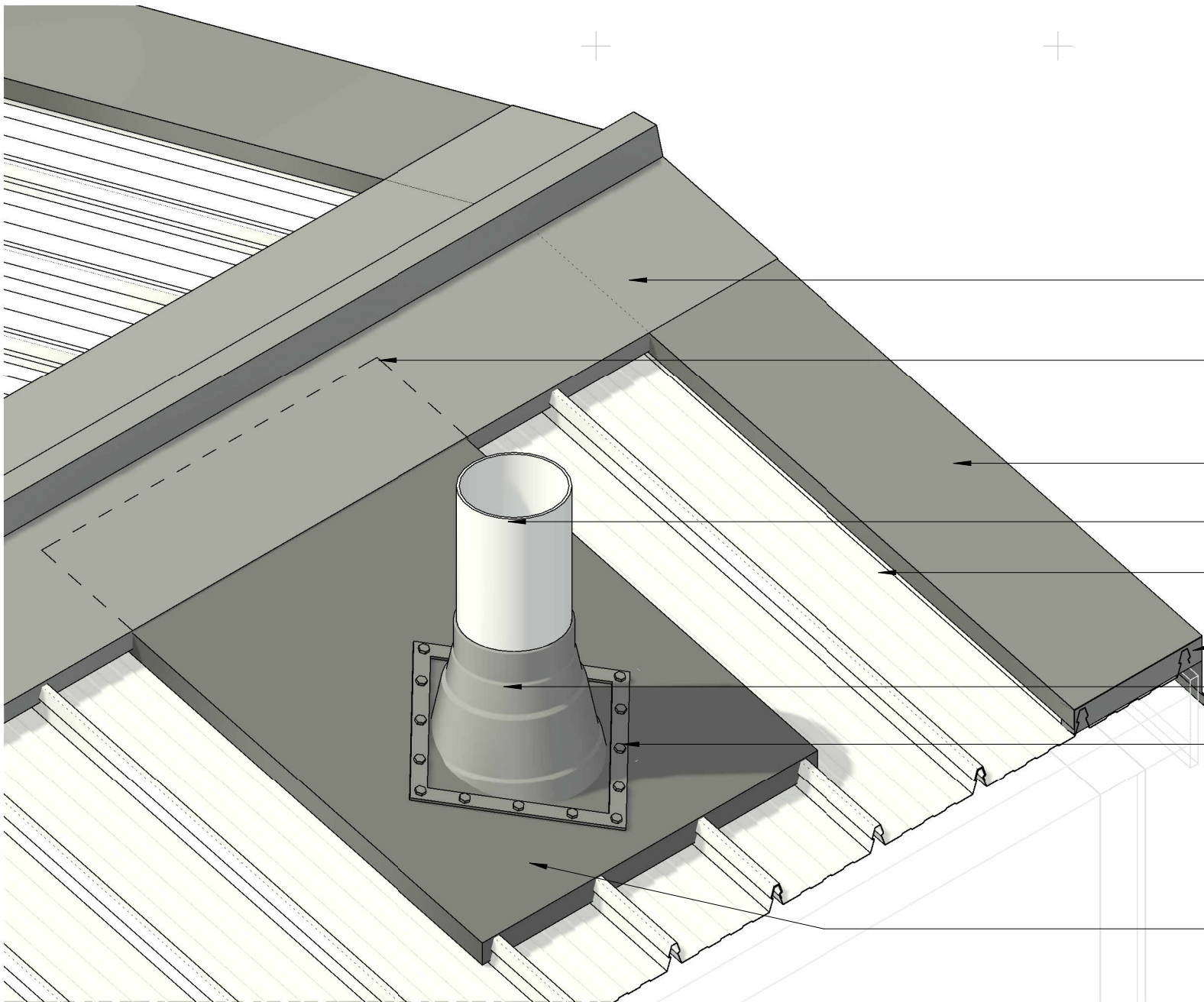
WALL CLADDING ON CAVITY

3D RIDGE TO BARGE JUCTION
RESIDENTIAL ROOFING



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

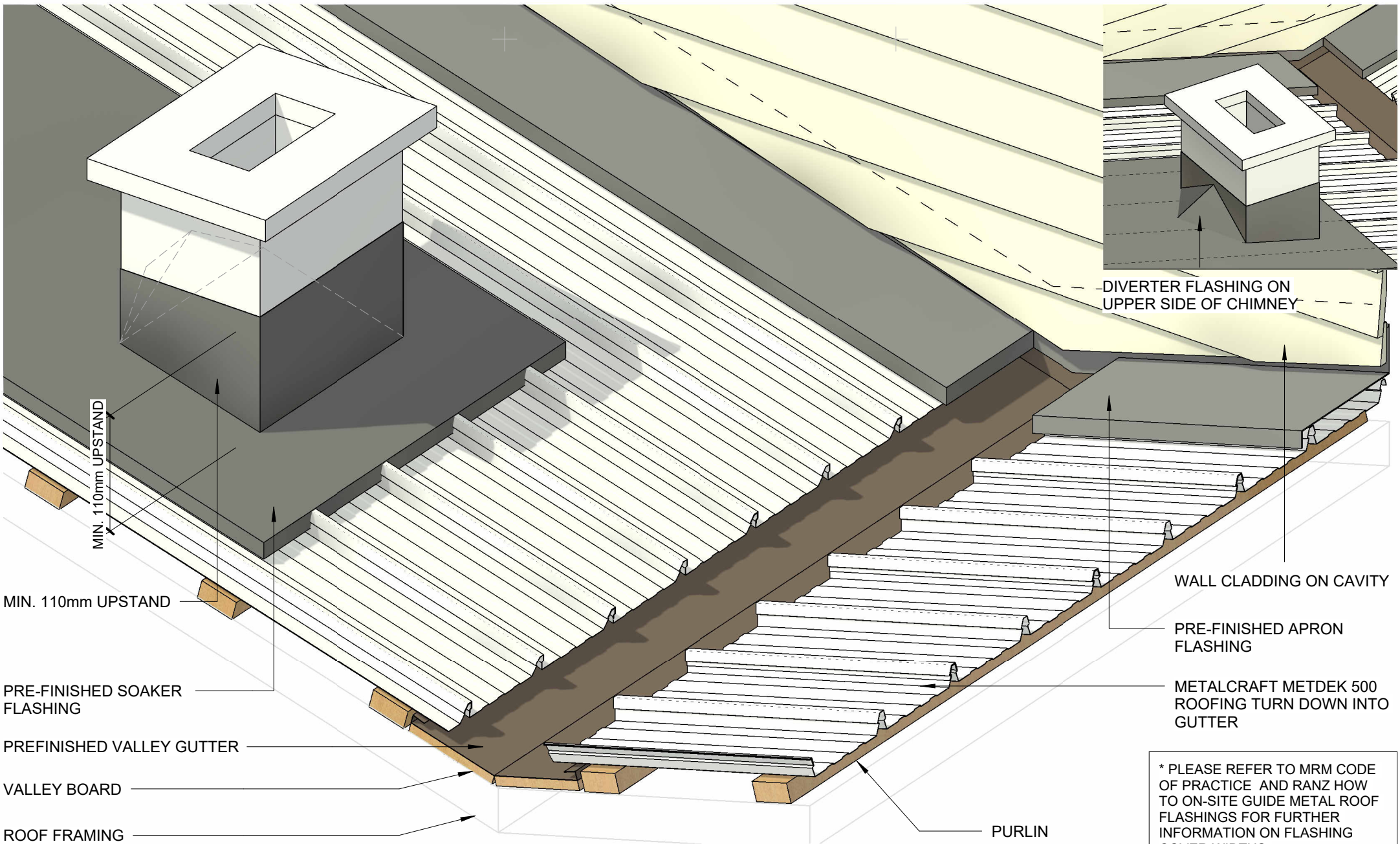




* PLEASE REFER TO MRM CODE OF PRACTICE AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

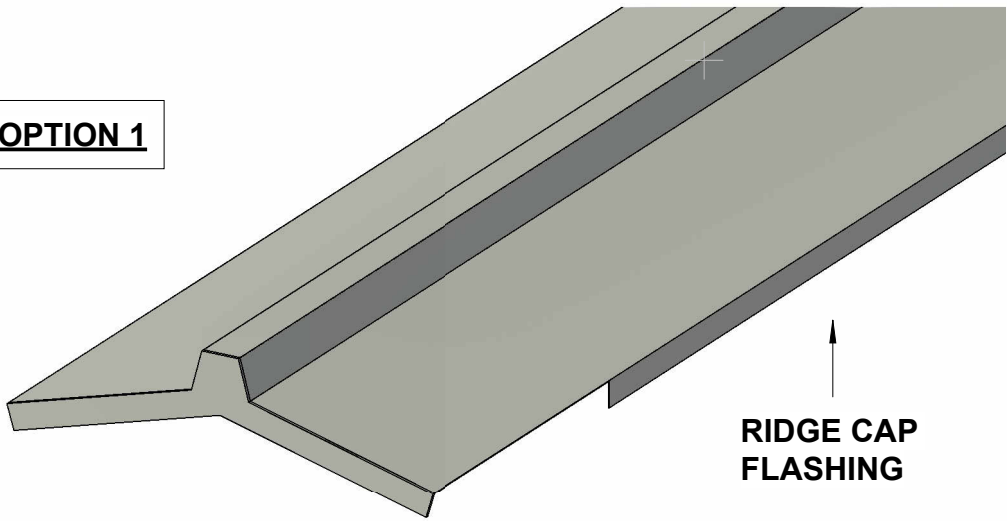
- PRE-FINISHED ROOF RIDGE FLASHING
- PRE-FINISHED SOAKER FLASHING LINE UNDER PRE-FINISHED ROOF RIDGE FLASHING
- PRE-FINISHED ROOF BARGE FLASHING
- PIPE (DIAMETER OVER 85mm DIAMETER)
- METALCRAFT METDEK 500 ROOFING
- FOLDED DOWN END
- EPDM FLEXIBLE CONE SLEEVE
- MALLEABLE FLANGE, SCREW OR RIVET FIXED, AND SEALED TO ROOFING PROFILE. FITTED ON 45° ANGLE IN PLAN. REFER TO MRM CODE OF PRACTICE .
- PRE-FINISHED SOAKER FLASHING

3D OVER 85mm DIAMETER PIPE PENETRATION



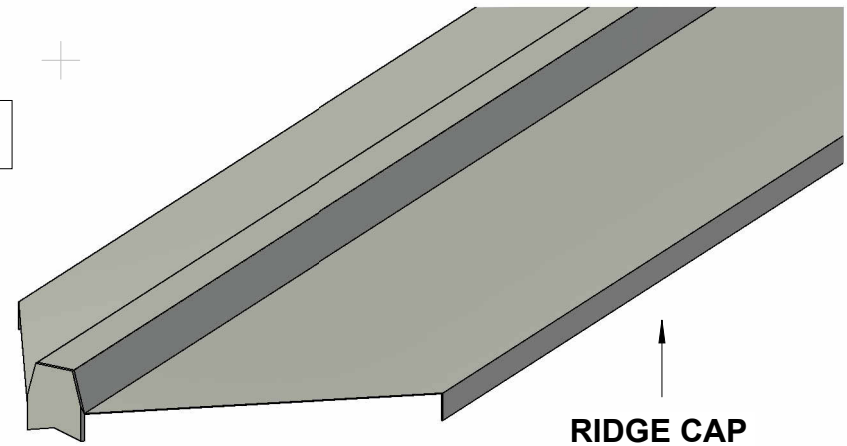
* PLEASE REFER TO MRM CODE OF PRACTICE AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

OPTION 1

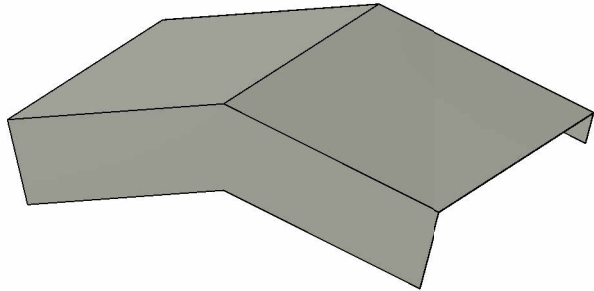


**RIDGE CAP
FLASHING**

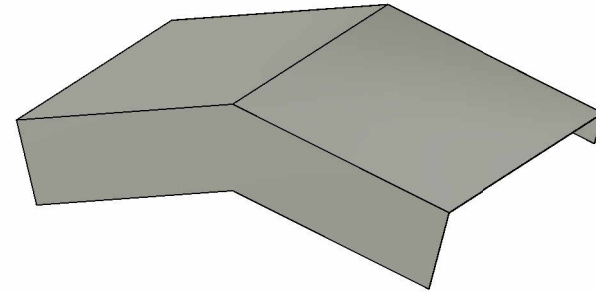
OPTION 2



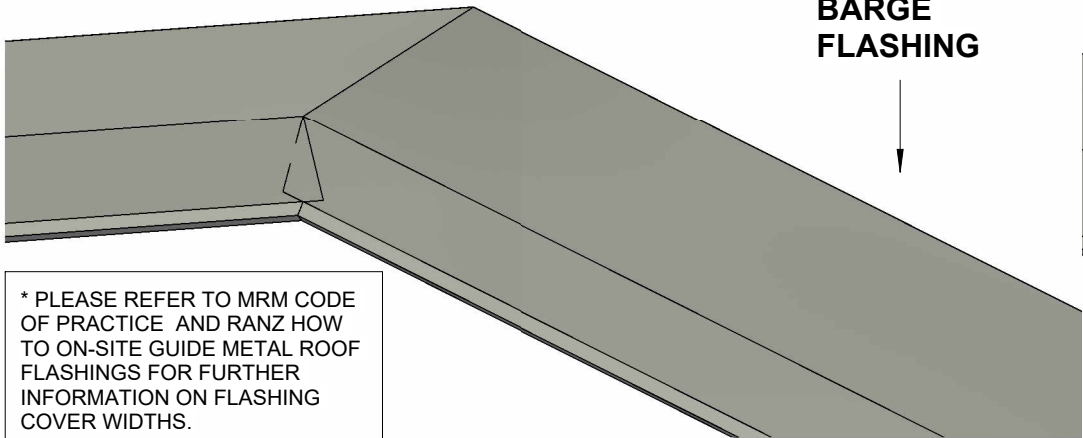
**RIDGE CAP
FLASHING**



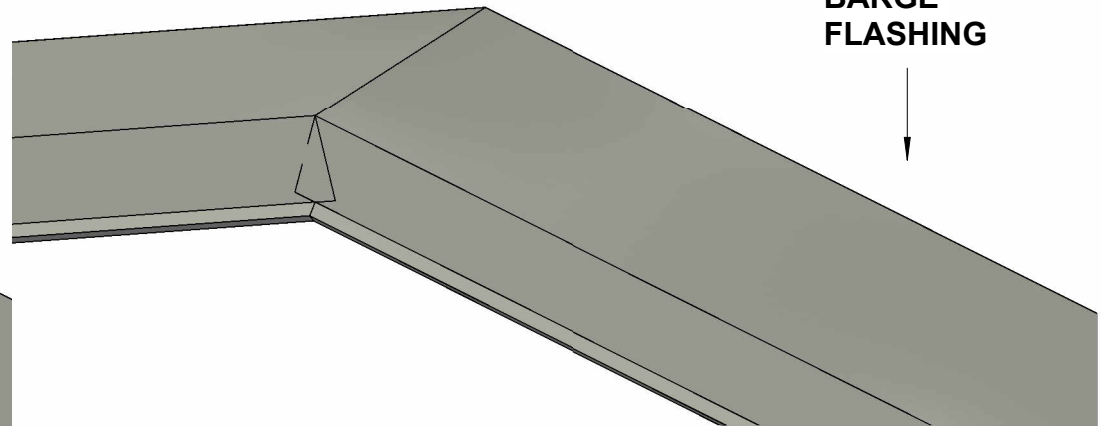
**ADDITIONAL
SADDLE
FLASHING**



**ADDITIONAL
SADDLE
FLASHING**

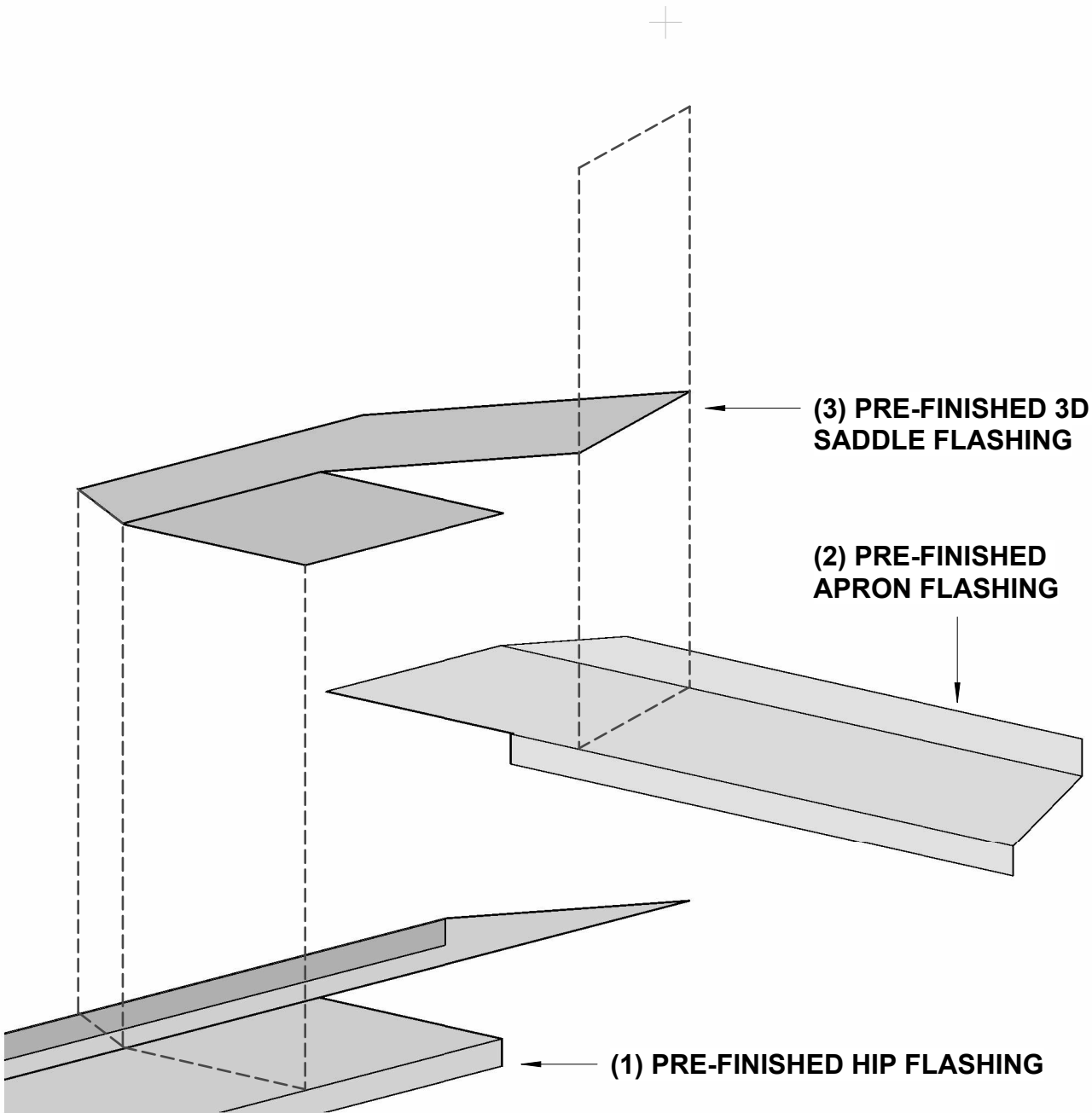


**BARGE
FLASHING**

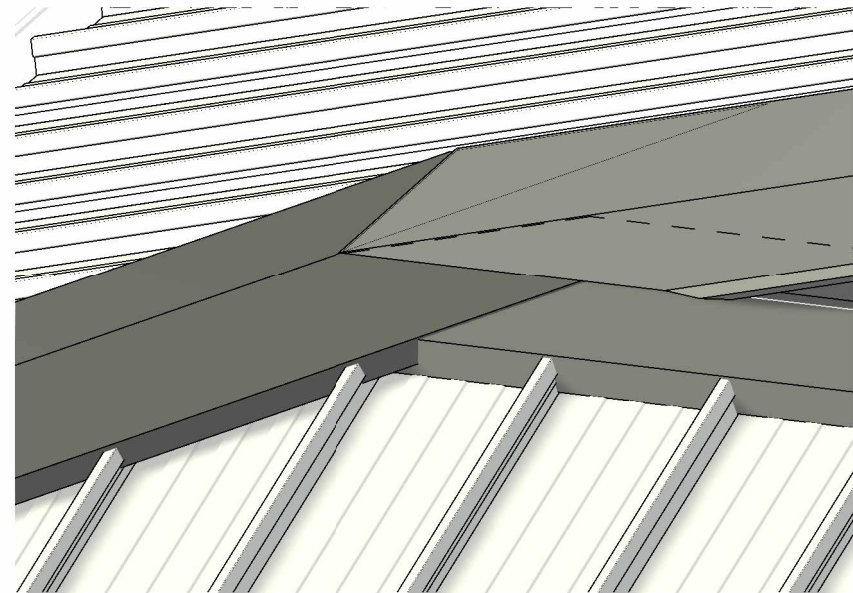


**BARGE
FLASHING**

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



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



3D DUTCH GABLE FLASHINGS

RESIDENTIAL ROOFING