

Metcom 965

RESIDENTIAL ROOFING

<u>DETAIL LIST</u>	<u>Revision</u>	<u>Date</u>	<u>DETAIL LIST</u>	<u>Revision</u>	<u>Date</u>
A 00 / 29			A 15 / 29		
A 01 / 29			A 16 / 29		
A 02 / 29			A 17 / 29		
A 03 / 29			A 18 / 29		
A 04 / 29			A 19 / 29		
A 05 / 29			A 20 / 29		
A 06 / 29			A 21 / 29		
A 07 / 29			A 22 / 29		
A 08 / 29			A 23 / 29		
A 09 / 29			A 24 / 29		
A 10 / 29			A 25 / 29		
A 11 / 29			A 26 / 29		
A 12 / 29			A 27 / 29		
A 13 / 29			A 28 / 29		
A 14 / 29			A 29 / 29		
COVER SHEET			FLUSH EAVE WITH EXTERNAL GUTTER BRACKET	1.0	JAN 2023
ROOF RIDGE	1.0	JAN 2023	BARGE WITH PROFILED CLADDING	1.0	JAN 2023
ROOF RIDGE (ROUND)	1.0	JAN 2023	BARGE OVERHANG	1.0	JAN 2023
SAWTOOTH RIDGE	1.0	JAN 2023	PARAPET WITH TRANSVERSE APRON	1.0	JAN 2023
SAWTOOTH EAVE	1.0	JAN 2023	TRANSVERSE APRON	1.0	JAN 2023
ROOF VALLEY	1.0	JAN 2023	PARALLEL APRON	1.0	JAN 2023
ROOF VALLEY BAFFLE	1.0	JAN 2023	PIPE PENETRATION DIRECT FIXED BOOT FLASHING	1.0	JAN 2023
INTERNAL GUTTER	1.0	JAN 2023	PIPE PENETRATION BACK TRAY BOOT FLASHING	1.0	JAN 2023
PARALLEL HIDDEN GUTTER	1.0	JAN 2023	3D RIDGE BARGE JUNCTION	1.0	JAN 2023
PARALLEL HIDDEN GUTTER (2 PART FLASHING)	1.0	JAN 2023	3D DUTCH GABLE	1.0	JAN 2023
ROOF - CHANGE PITCH	1.0	JAN 2023	3D APRON	1.0	JAN 2023
MANSARD	1.0	JAN 2023	3D BACK TRAY FLASHING	1.0	JAN 2023
EAVE WITH METALLINE FASCIA	1.0	JAN 2023	3D CHIMNEY PENETRATION	1.0	JAN 2023
EAVE WITH SNOW STRAP	1.0	JAN 2023	3D RIDGE/BARGE FLASHINGS	1.0	JAN 2023
FLUSH EAVE WITH INTERNAL GUTTER BRACKET	1.0	JAN 2023	3D DUTCH GABLE FLASHINGS	1.0	JAN 2023

PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METCOM 965 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON EMBOSS WASHER WHEN REQUIRED

NOTCHED EDGE OVER METCOM 965 RIBS

MIN. 50mm GAP

PURLIN

ROOF FRAMING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

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

* METCOM 965 MIN. ROOF PITCH = 3°

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON EMBOSS WASHER WHEN REQUIRED

AS PER MRM CODE OF PRACTICE		
	<p>CATEGORY A</p> <p>1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$</p>	<p>CATEGORY B</p> <p>1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$</p>
X	<p>MIN. 130mm</p>	<p>MIN. 200mm</p>

Metalcraft Roofing

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Metcom 965

Rev. 1.0

Reference RRMET965

Date JAN 2023

Scale 1 : 2

ROOF RIDGE RESIDENTIAL ROOFING

Sheet **A 01 / 29**

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 & 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)

* METCOM 965 MIN. ROOF PITCH = 3°

PRE-FINISHED ROUND RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METCOM 965 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON EMBOSS WASHER WHEN REQUIRED

NOTCHED EDGE OVER METCOM 965 RIBS

MIN. 5mm GAP

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON EMBOSS WASHER WHEN REQUIRED

PURLIN

ROOF FRAMING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

AS PER MRM CODE OF PRACTICE

	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
X	MIN. 130mm	MIN. 200mm

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Metcom 965

Rev. 1.0

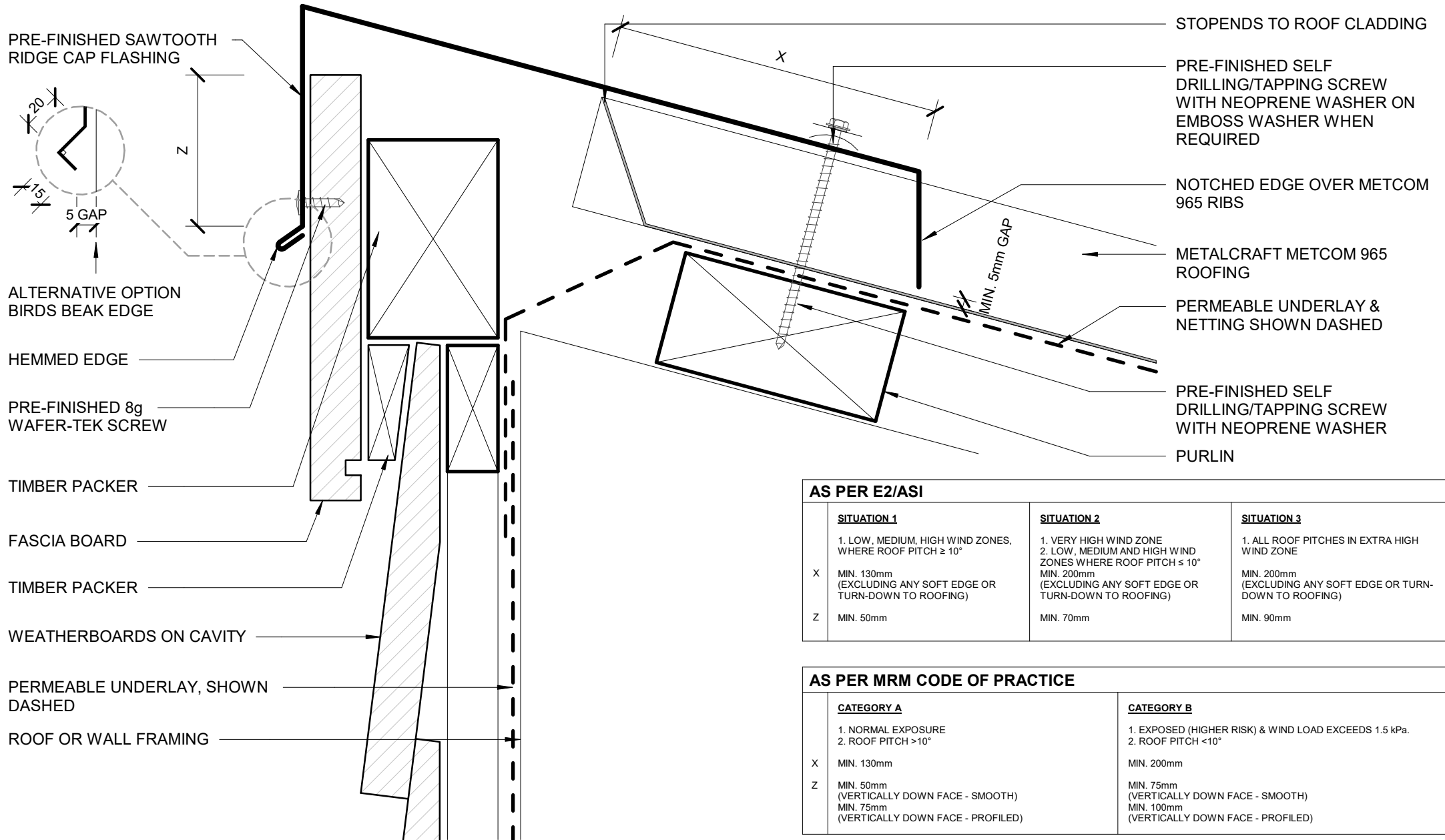
Reference RRMET965

Date JAN 2023

ROOF RIDGE (ROUND)
RESIDENTIAL ROOFING

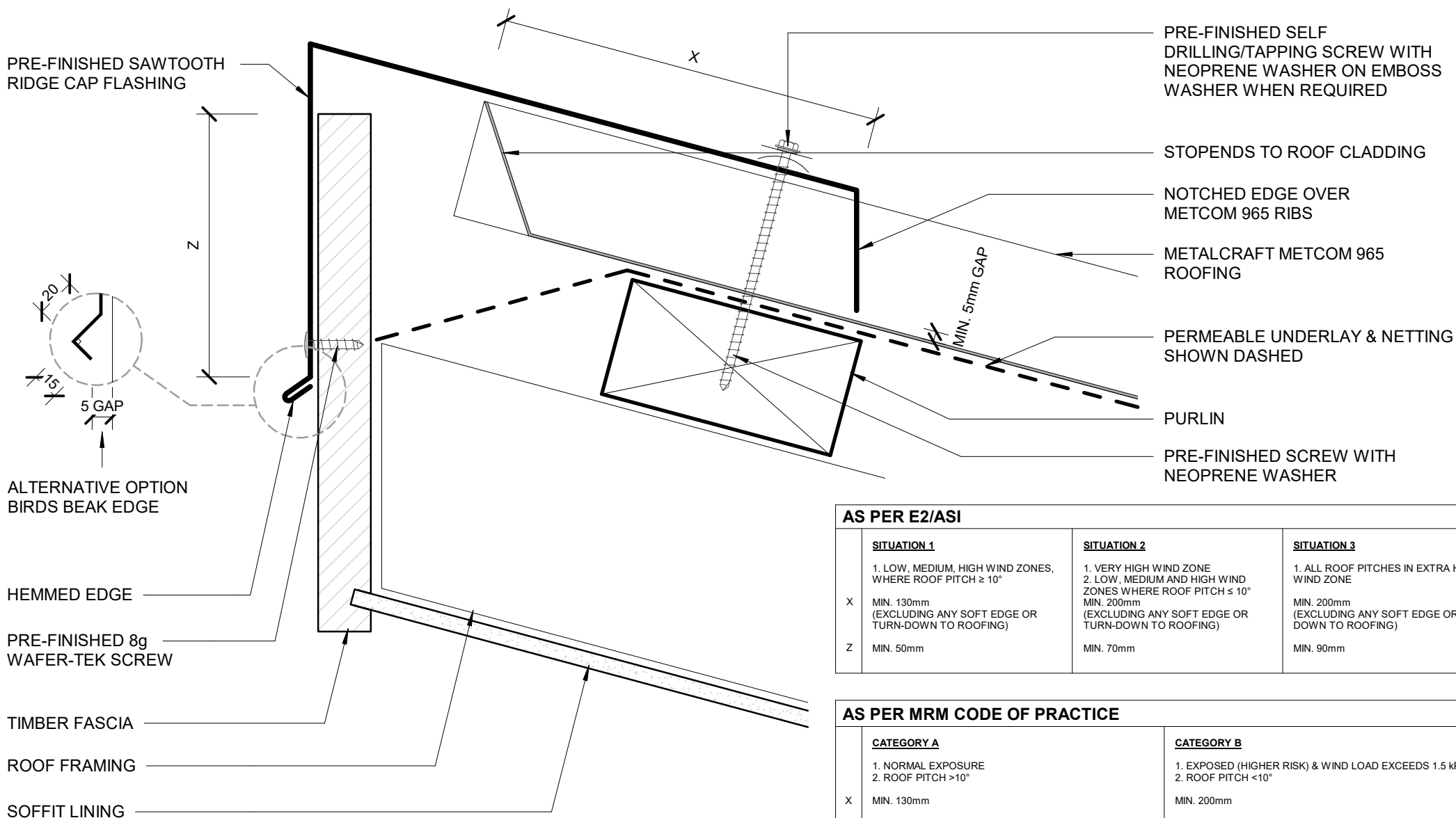
Scale 1 : 2

Sheet **A 02 / 29**



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
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
X	MIN. 130mm	MIN. 200mm
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)



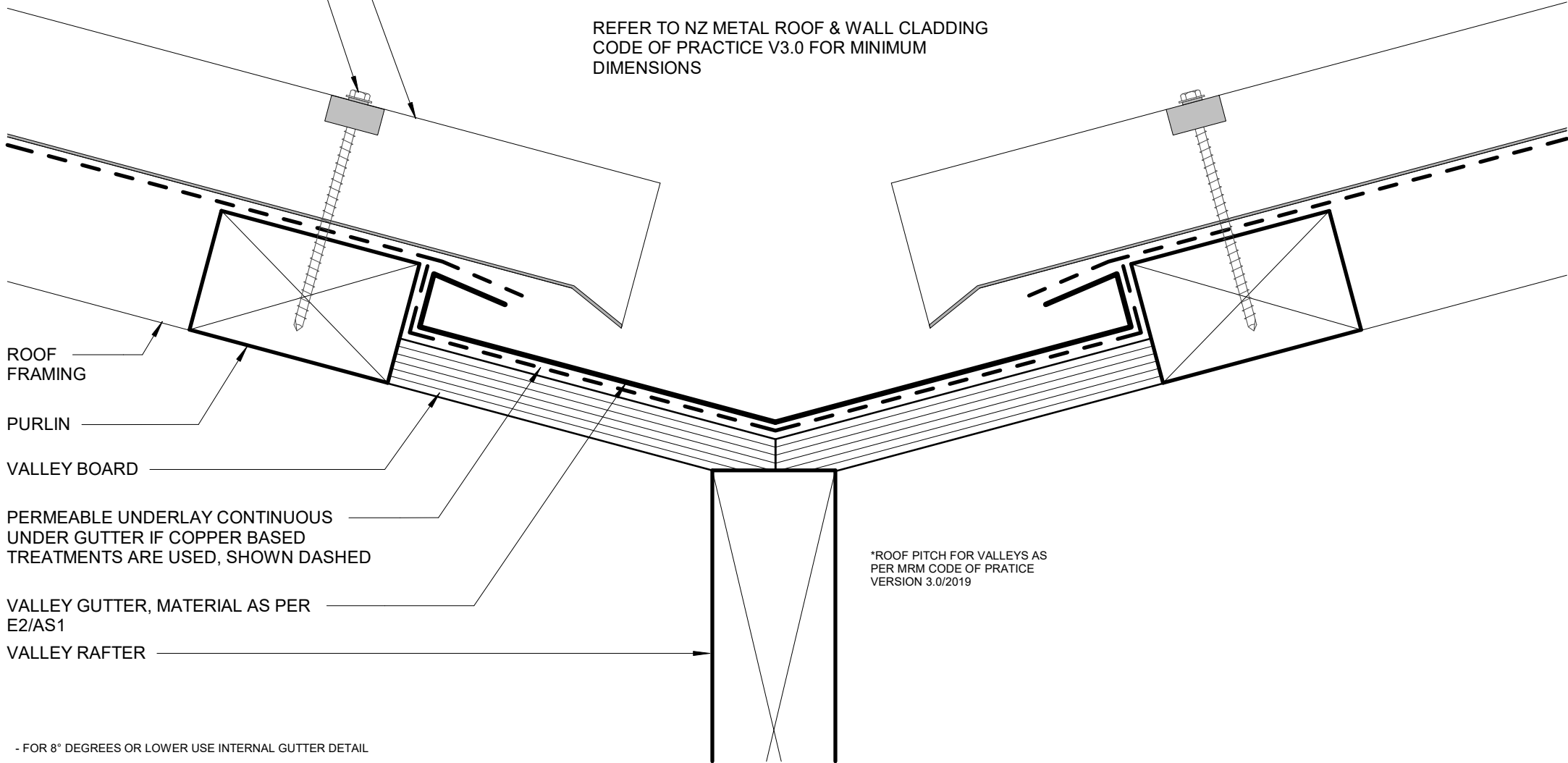
AS PER E2/ASI			
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN 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
	1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$
X	MIN. 130mm
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)
	CATEGORY B
	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
	MIN. 200mm
	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)

METALCRAFT METCOM 965
ROOFING

PRE-FINISHED SELF
DRILLING/TAPPING SCREW
WITH NEOPRENE WASHER
ON APPROVED MC965
PROFILE / EPDM WASHER

REFER TO NZ METAL ROOF & WALL CLADDING
CODE OF PRACTICE V3.0 FOR MINIMUM
DIMENSIONS



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

VALLEY RAFTER

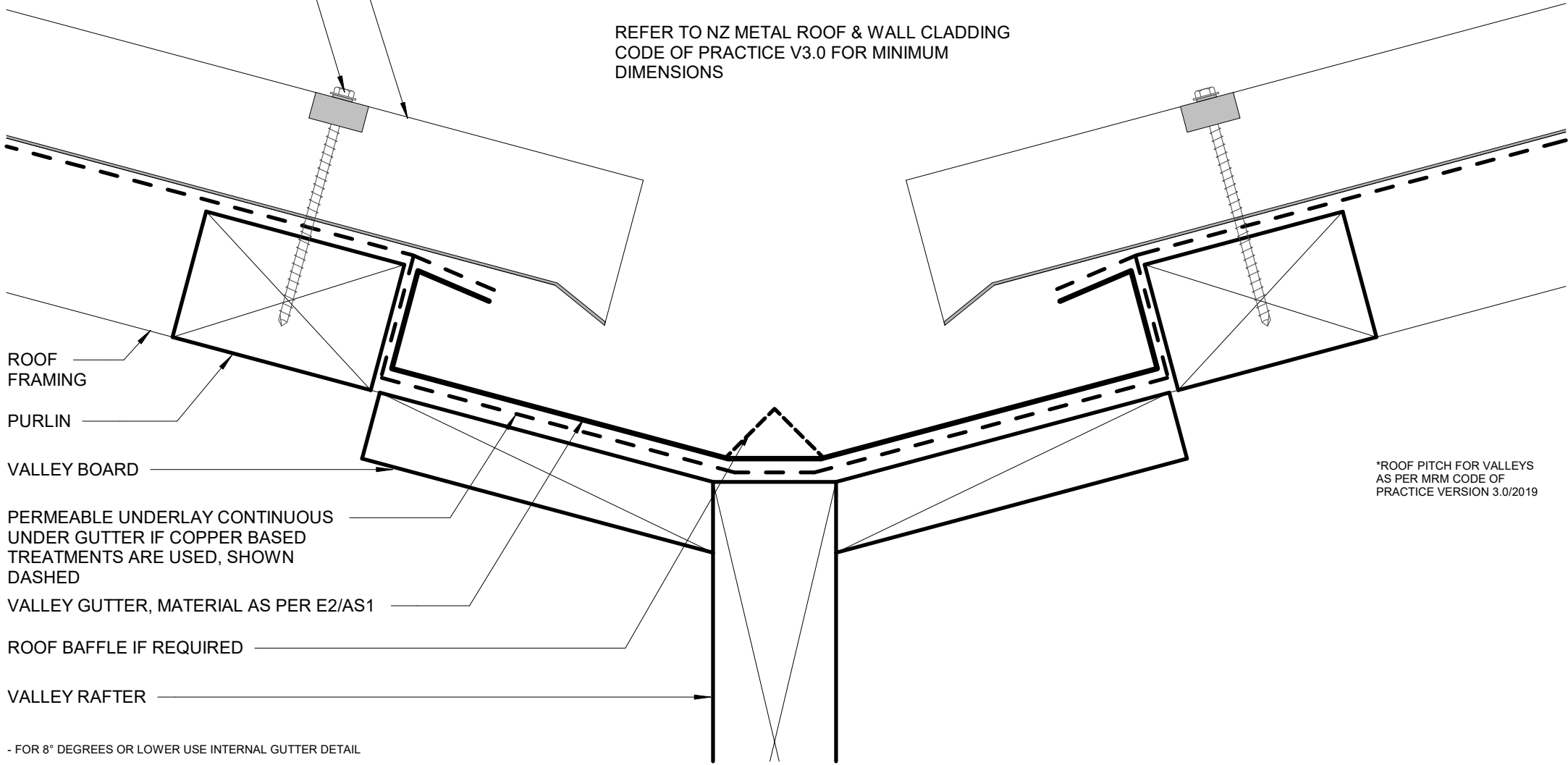
*ROOF PITCH FOR VALLEYS AS
PER MRM CODE OF PRACTICE
VERSION 3.0/2019

- FOR 8° DEGREES OR LOWER USE INTERNAL GUTTER DETAIL

METALCRAFT MMETCOM 965
ROOFING

PRE-FINISHED SELF
DRILLING/TAPPING SCREW
WITH NEOPRENE WASHER
ON APPROVED MC965
PROFILE / EPDM WASHER

REFER TO NZ METAL ROOF & WALL CLADDING
CODE OF PRACTICE V3.0 FOR MINIMUM
DIMENSIONS



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

ROOF BAFFLE IF REQUIRED

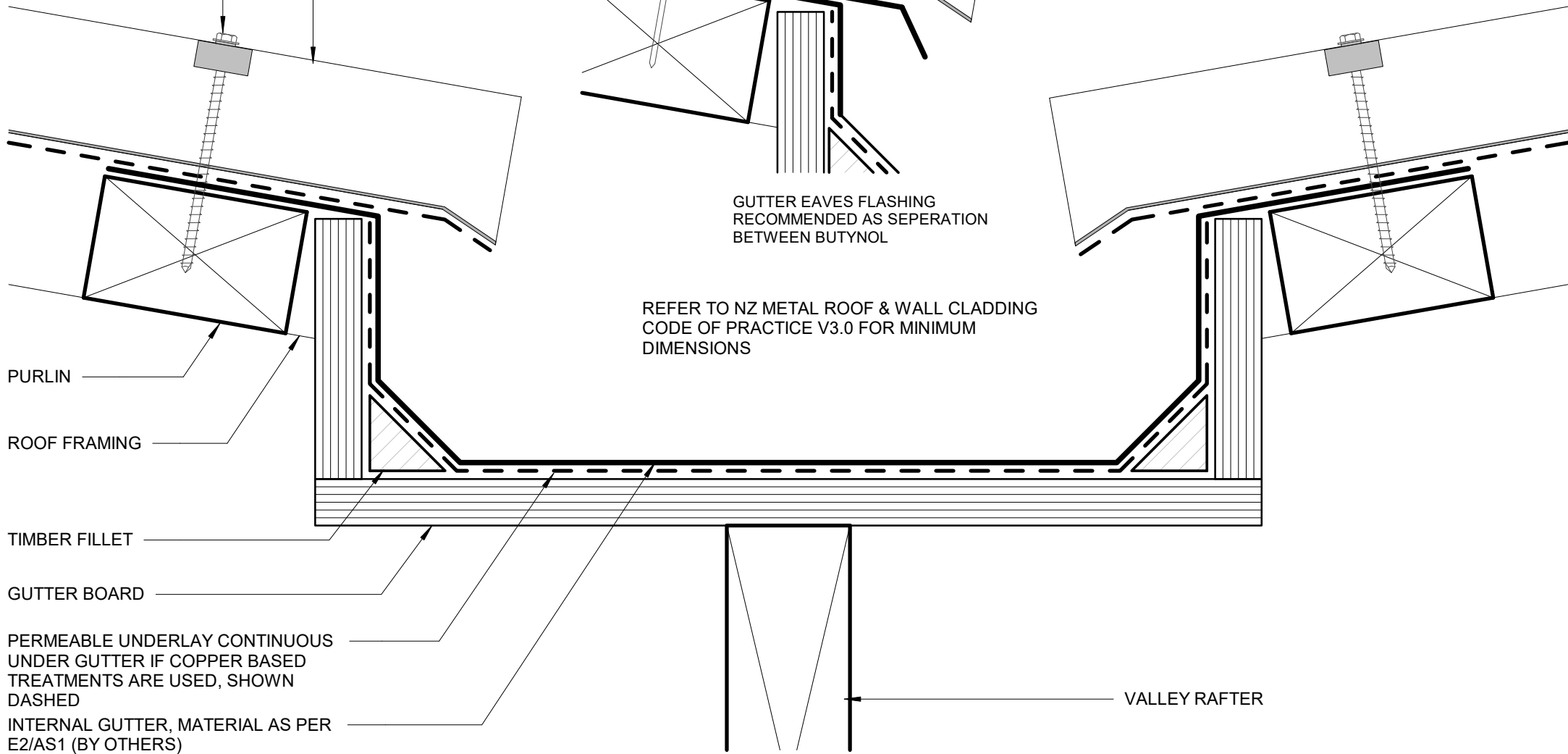
VALLEY RAFTER

*ROOF PITCH FOR VALLEYS
AS PER MRM CODE OF
PRACTICE VERSION 3.0/2019

- FOR 8° DEGREES OR LOWER USE INTERNAL GUTTER DETAIL

METALCRAFT METCOM 965
ROOFING

PRE-FINISHED SELF
DRILLING/TAPPING
SCREW WITH
NEOPRENE WASHER
ON APPROVED MC965
PROFILE / EPDM
WASHER



GUTTER EAVES FLASHING
RECOMMENDED AS SEPERATION
BETWEEN BUTYNOL

REFER TO NZ METAL ROOF & WALL CLADDING
CODE OF PRACTICE V3.0 FOR MINIMUM
DIMENSIONS

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 (BY OTHERS)

VALLEY RAFTER

METALCRAFT METCOM 965 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON APPROVED MC965 PROFILE / EPDM WASHER

MIN. 80mm

MIN. 80mm

MIN. 20mm

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

FIXINGS AS PER E2/AS1

ROOF FRAMING

PURLIN

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

HIDDEN GUTTER, MATERIAL AS PER E2/AS1

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Rev. 1.0

Reference RRMET965

Date JAN 2023

PARALLEL HIDDEN GUTTER
RESIDENTIAL ROOFING

Scale 1 : 2

Sheet **A 08 / 29**

METALCRAFT METCOM 965 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON APPROVED MC965 PROFILE / EPDM WASHER

ROOF FRAMING

PURLIN

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

HIDDEN GUTTER, MATERIAL AS PER E2/AS1

SUGGEST 50mm MIN.
75mm MIN WITHOUT HEM EDGE

MIN. 80mm

MIN. 80mm

MIN. 20mm

MIN. COVER
75mm

MIN. GAP
35mm

MIN. TOTAL
110mm

FIXINGS AS PER E2/AS1

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PARALLEL HIDDEN GUTTER (2 PART FLASHING)

Metcom 965

Rev. 1.0

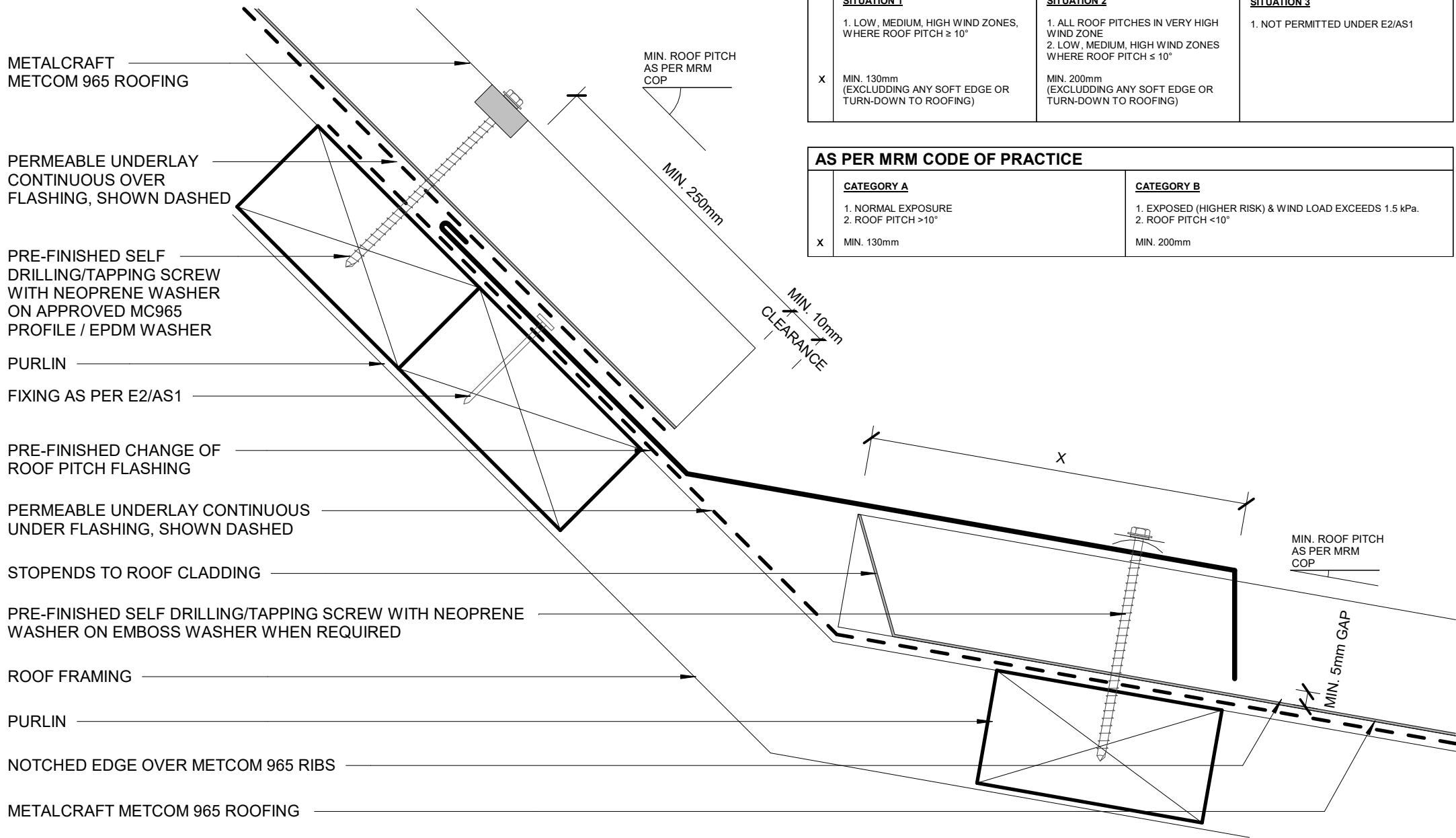
RESIDENTIAL ROOFING

Reference RRMET965

Date JAN 2023

Scale 1 : 2

Sheet **A 09 / 29**



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
1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
X MIN. 130mm	MIN. 200mm

METALCRAFT
METCOM 965 ROOFING

PRE-FINISHED SELF
DRILLING/TAPPING
SCREW WITH NEOPRENE
WASHER ON APPROVED
MC965 PROFILE / EPDM
WASHER

FIXING AS PER E2/AS1

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 ON EMBOSS WASHER WHEN REQUIRED

PURLIN

NOTCHED EDGE OVER METCOM 965 RIBS

METALCRAFT METCOM 965 ROOFING

MIN. ROOF PITCH
AS PER MRM
COP

MIN. 250mm

50mm MIN

10mm MIN

MIN. ROOF PITCH
AS PER MRM
COP

MIN. 5mm GAP

* METCOM 965 MIN. ROOF PITCH = 3°

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
	1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
X	MIN. 130mm	MIN. 200mm

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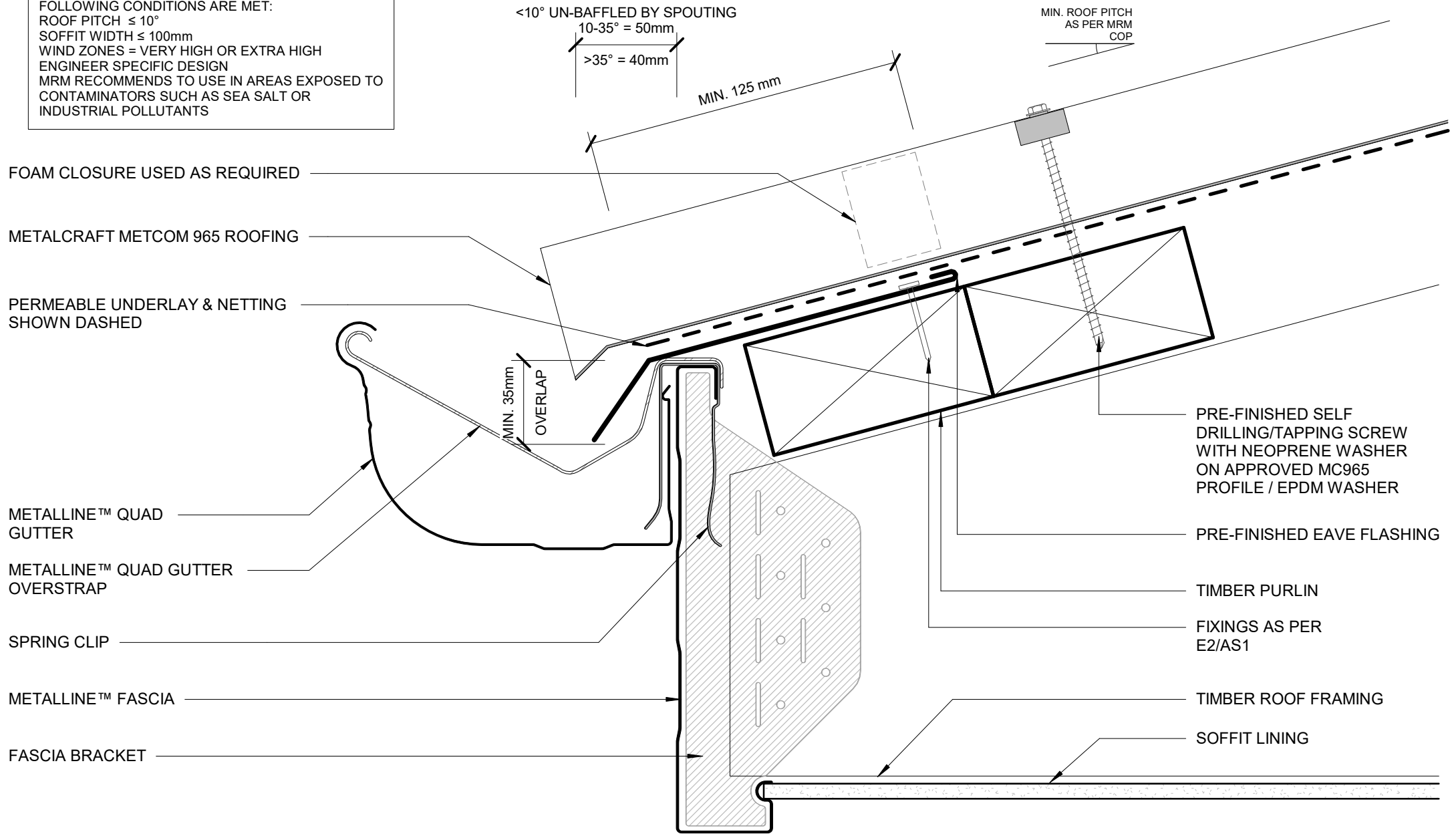
Scale 1 : 2

MANSARD
RESIDENTIAL ROOFING

Sheet **A 11 / 29**

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

* METCOM 965 MIN. ROOF PITCH = 3°



FOAM CLOSURE USED AS REQUIRED

METALCRAFT METCOM 965 ROOFING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

METALLINE™ QUAD GUTTER

METALLINE™ QUAD GUTTER OVERSTRAP

SPRING CLIP

METALLINE™ FASCIA

FASCIA BRACKET

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON APPROVED MC965 PROFILE / EPDM WASHER

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

FIXINGS AS PER E2/AS1

TIMBER ROOF FRAMING

SOFFIT LINING

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Date JAN 2023

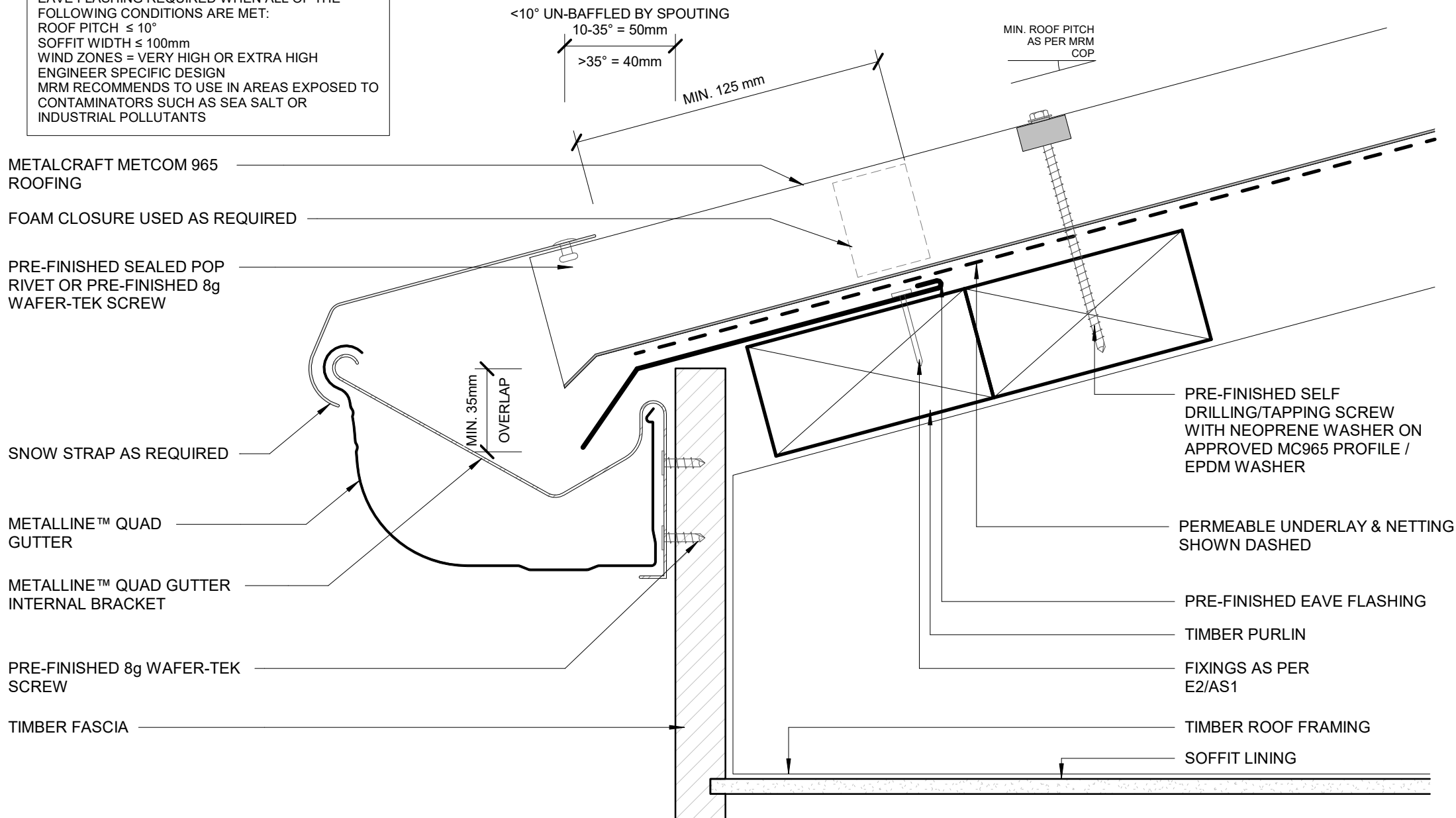
EAVE WITH METALLINE FASCIA
RESIDENTIAL ROOFING

Scale 1 : 2

Sheet **A 12 / 29**

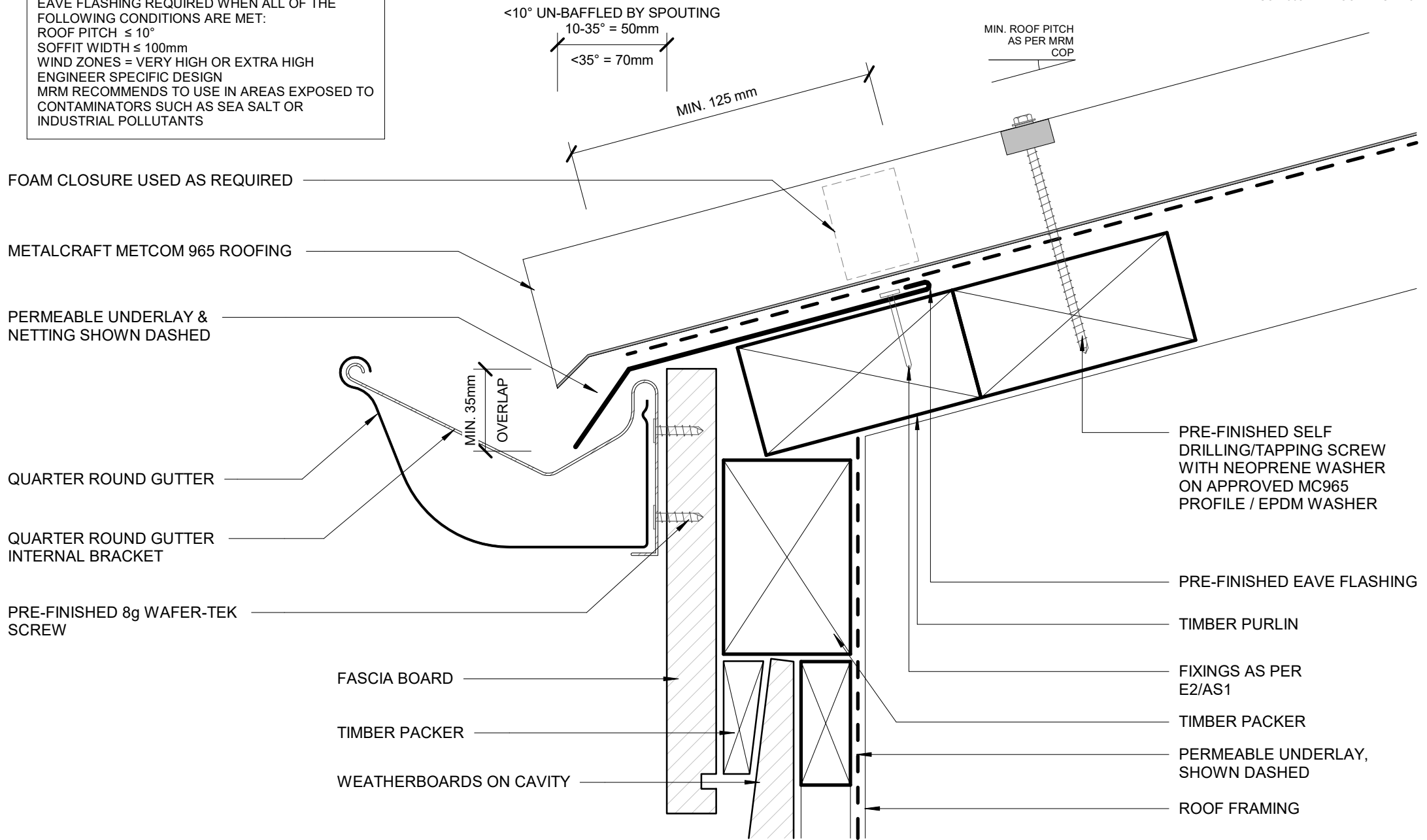
EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
 ROOF PITCH $\leq 10^\circ$
 SOFFIT WIDTH $\leq 100\text{mm}$
 WIND ZONES = VERY HIGH OR EXTRA HIGH
 ENGINEER SPECIFIC DESIGN
 MRM RECOMMENDS TO USE IN AREAS EXPOSED TO CONTAMINATORS SUCH AS SEA SALT OR INDUSTRIAL POLLUTANTS

* METCOM 965 MIN. ROOF PITCH = 3°



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

* METCOM 965 MIN. ROOF PITCH = 3°



FOAM CLOSURE USED AS REQUIRED

METALCRAFT METCOM 965 ROOFING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

QUARTER ROUND GUTTER

QUARTER ROUND GUTTER INTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK SCREW

FASCIA BOARD

TIMBER PACKER

WEATHERBOARDS ON CAVITY

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON APPROVED MC965 PROFILE / EPDM WASHER

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

FIXINGS AS PER E2/AS1

TIMBER PACKER

PERMEABLE UNDERLAY, SHOWN DASHED

ROOF FRAMING

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FLUSH EAVE WITH INTERNAL GUTTER BRACKET

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Rev. 1.0

RESIDENTIAL ROOFING

Reference RRMET965

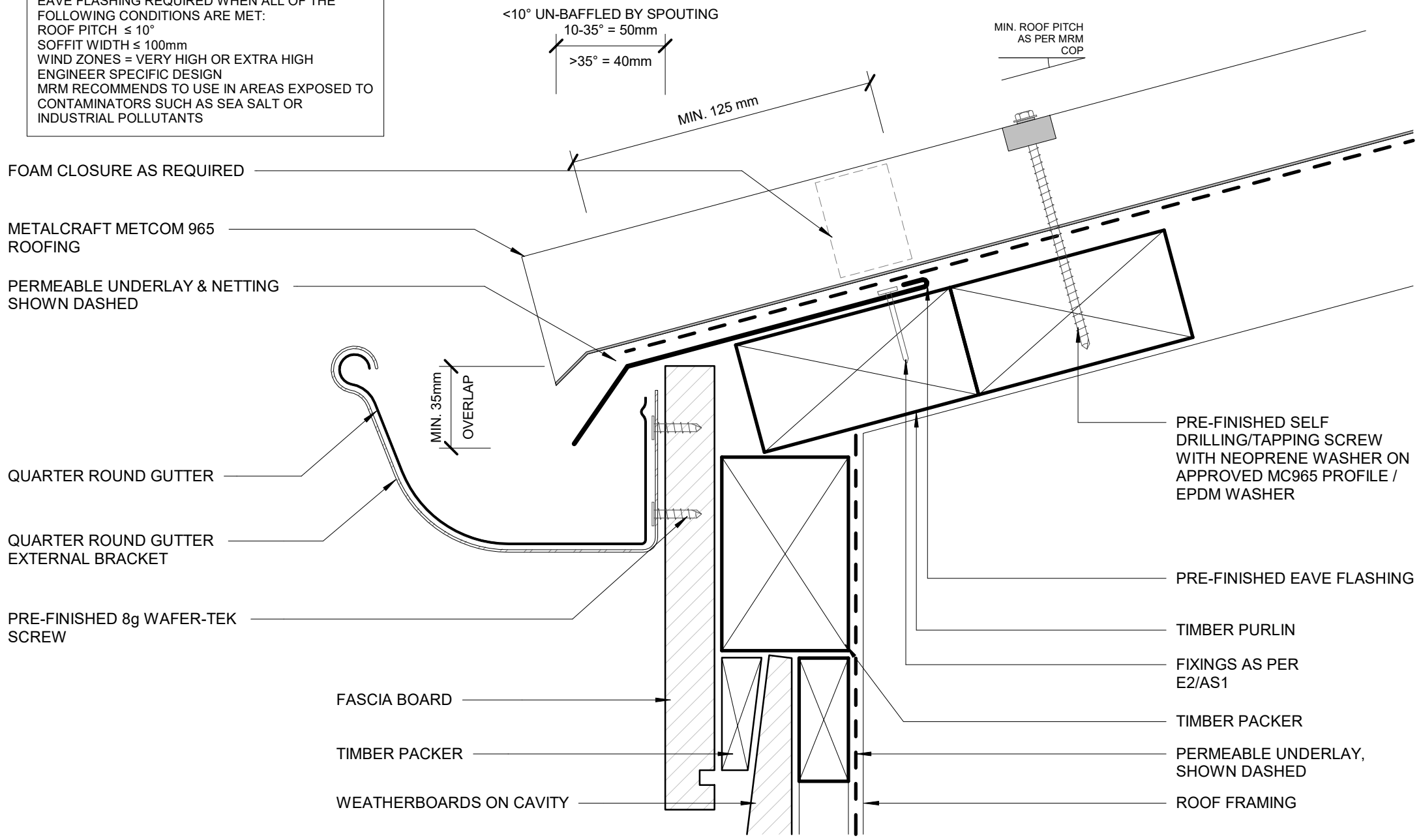
Date JAN 2023

Scale 1 : 2

Sheet **A 14 / 29**

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

* METCOM 965 MIN. ROOF PITCH = 3°



FOAM CLOSURE AS REQUIRED

METALCRAFT METCOM 965 ROOFING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

QUARTER ROUND GUTTER

QUARTER ROUND GUTTER EXTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK SCREW

FASCIA BOARD

TIMBER PACKER

WEATHERBOARDS ON CAVITY

MIN. ROOF PITCH AS PER MRM COP

<math><10^\circ</math> UN-BAFFLED BY SPOUTING
 $10-35^\circ = 50\text{mm}$
 $>35^\circ = 40\text{mm}$

MIN. 125 mm

MIN. 35mm OVERLAP

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON APPROVED MC965 PROFILE / EPDM WASHER

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

FIXINGS AS PER E2/AS1

TIMBER PACKER

PERMEABLE UNDERLAY, SHOWN DASHED

ROOF FRAMING

Metalcraft
Roofing

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FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

Metcom 965

Rev. 1.0

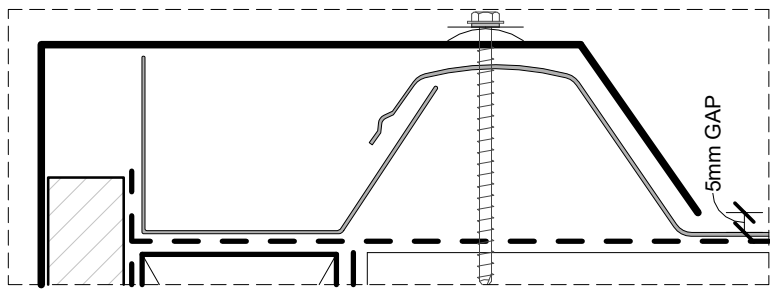
RESIDENTIAL ROOFING

Reference RRMET965

Date JAN 2023

Scale 1 : 2

Sheet **A 15 / 29**



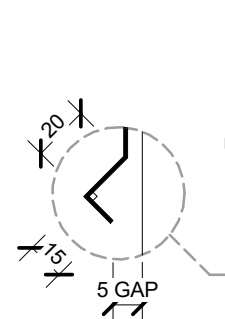
ALTERNATIVE SOLUTION

PURLIN

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

X

PRE-FINISHED BARGE FLASHING



ALTERNATIVE OPTION BIRDS BEAK EDGE

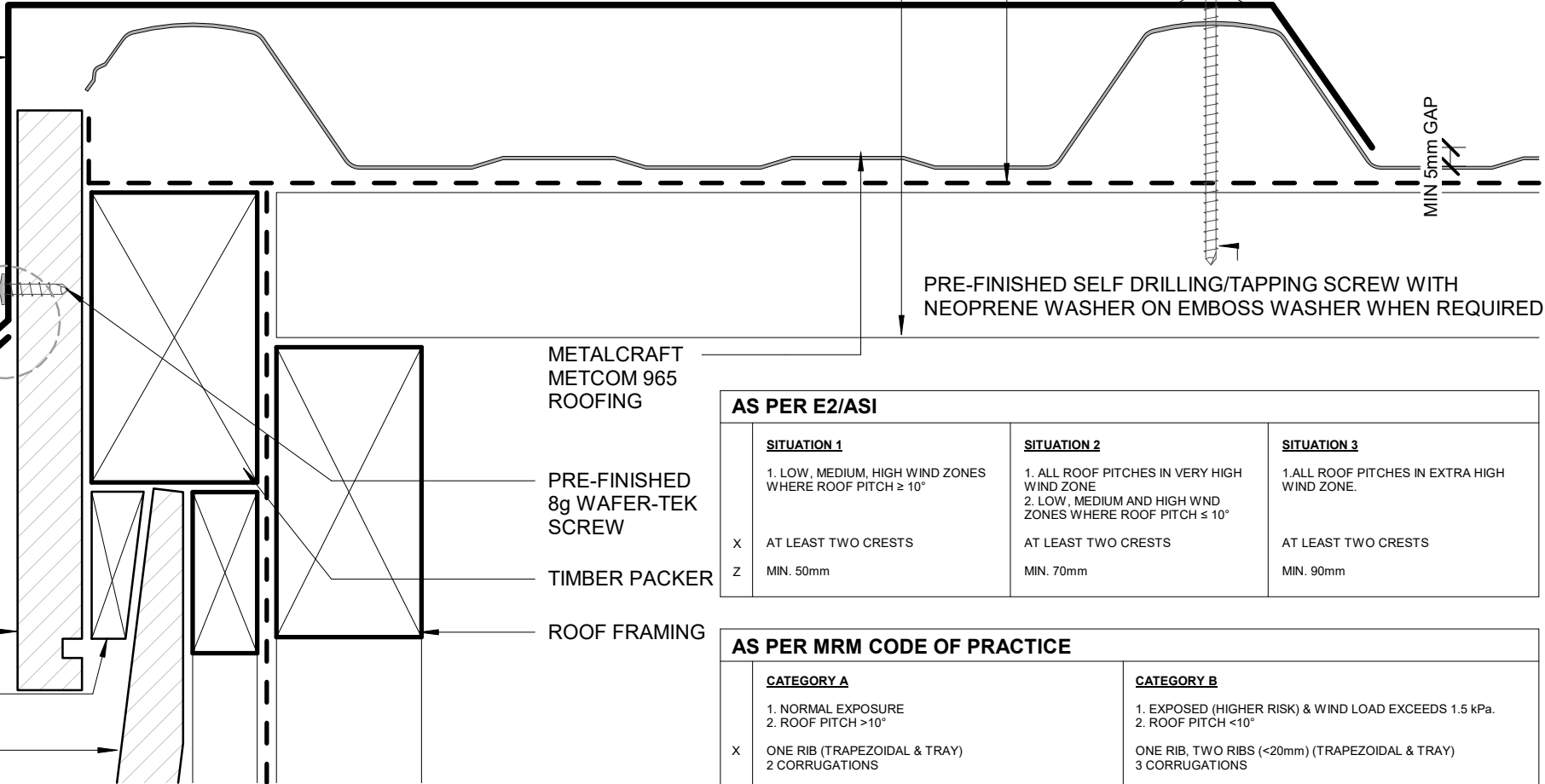
HEMMED EDGE

BARGE BOARD

TIMBER PACKER

WEATHERBOARDS ON CAVITY

PERMEABLE UNDERLAY, SHOWN DASHED



MIN 5mm GAP

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON EMOSS WASHER WHEN REQUIRED

METALCRAFT METCOM 965 ROOFING

PRE-FINISHED 8g WAFER-TEK SCREW

TIMBER PACKER

ROOF FRAMING

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 WND 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
	1. NORMAL EXPOSURE 2. ROOF PITCH $> 10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $< 10^\circ$
X	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS	ONE RIB, TWO RIBS ($< 20\text{mm}$) (TRAPEZOIDAL & TRAY) 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)

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BARGE WITH PROFILED CLADDING

Metcom 965

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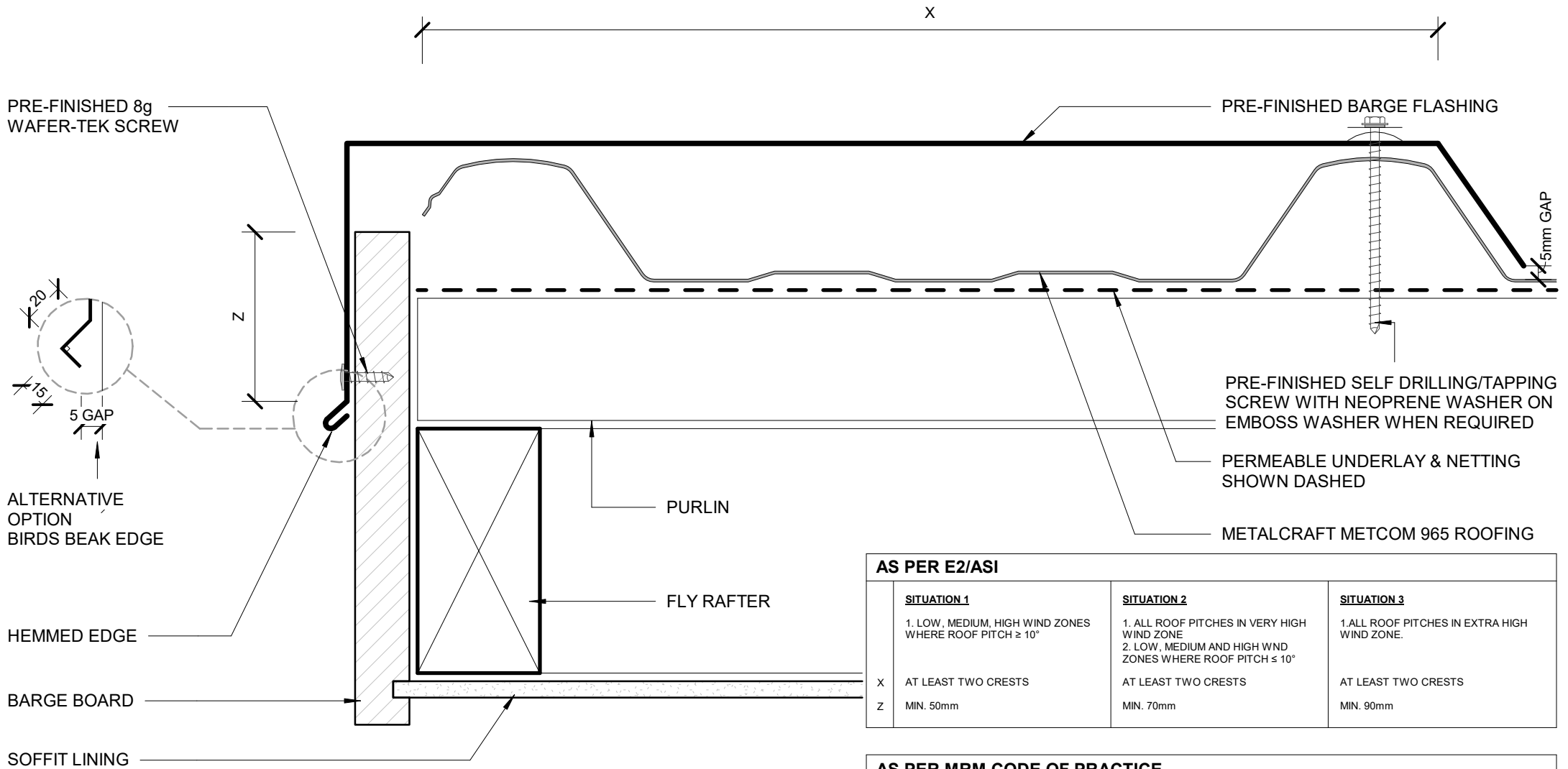
RESIDENTIAL ROOFING

Reference RRMET965

Date JAN 2023

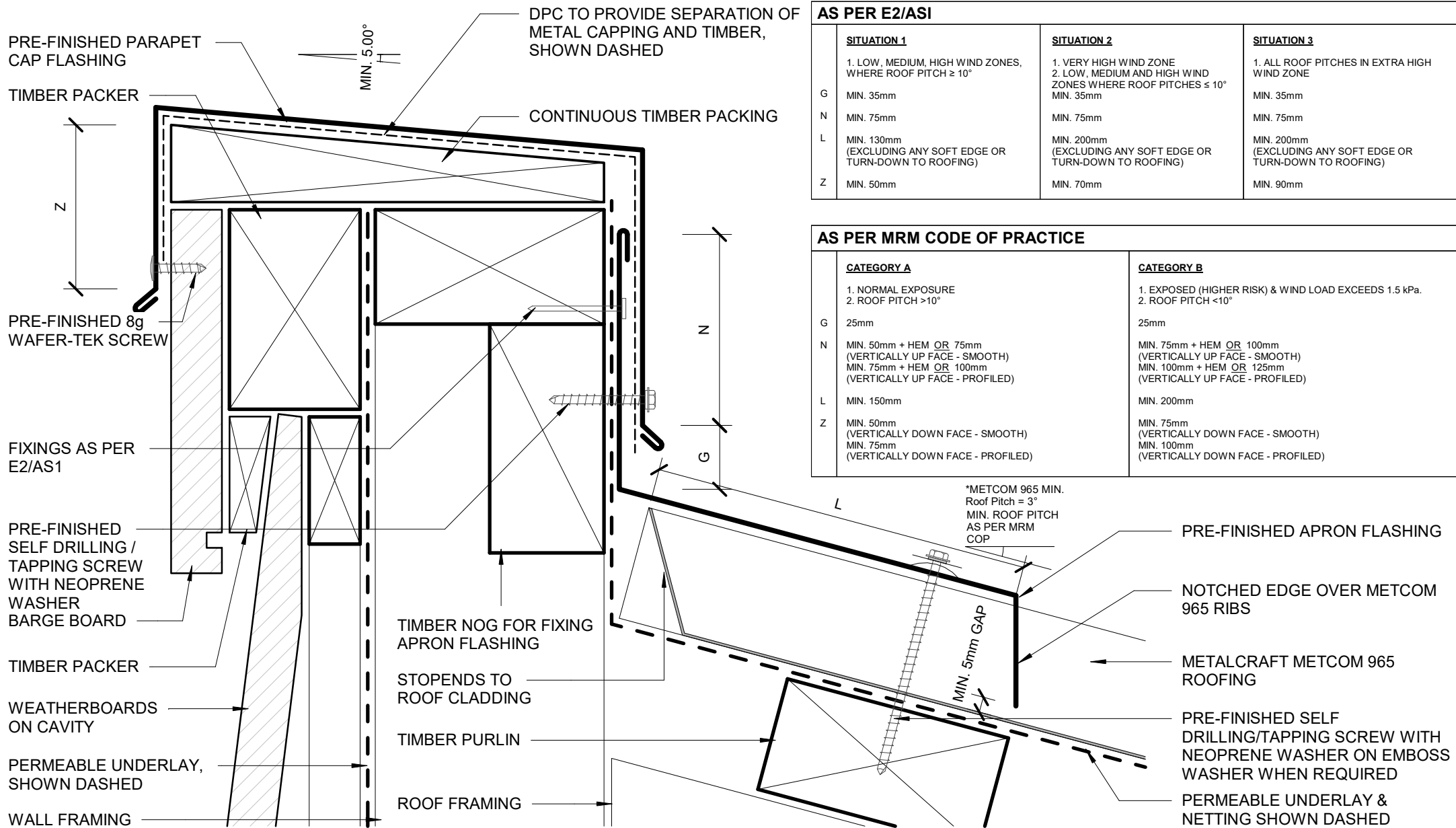
Scale 1 : 2

Sheet **A 16 / 29**



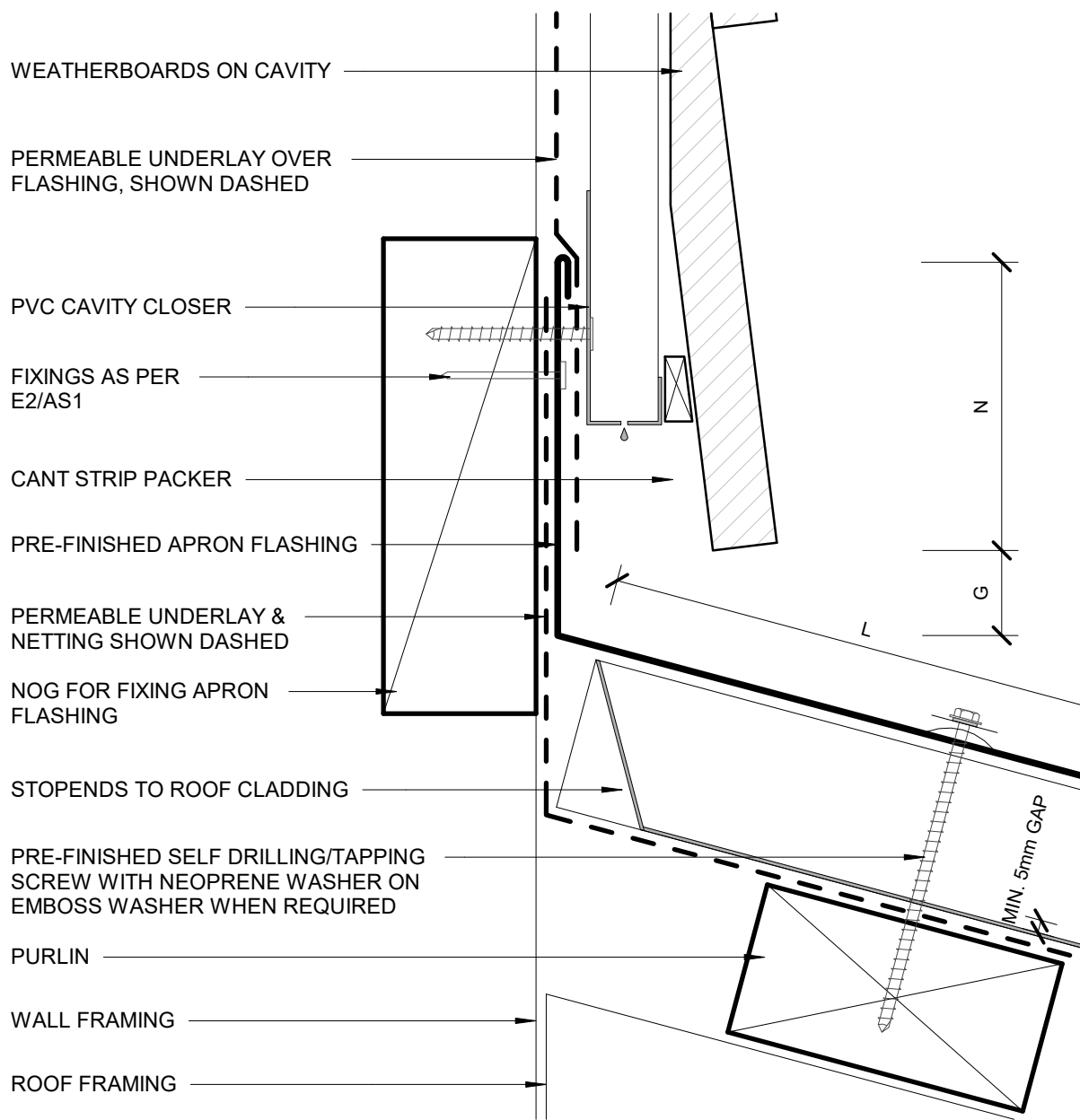
AS PER E2/ASI			
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE.
X	AT LEAST TWO CRESTS	AT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

AS PER MRM CODE OF PRACTICE		
	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
X	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS	ONE RIB, TWO RIBS ($<20\text{mm}$) (TRAPEZOIDAL & TRAY) 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)



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 PITCHES ≤ 10°	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
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
G	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)
L	MIN. 150mm	MIN. 200mm
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)



AS PER E2/AS1

	SITUATION 1 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	SITUATION 2 1. ALL ROOF PITCHES IN VERY HIGH WIND ZONES 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	SITUATION 3 1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
G	MIN. 35mm	MIN. 35mm	MIN. 35mm
N	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)

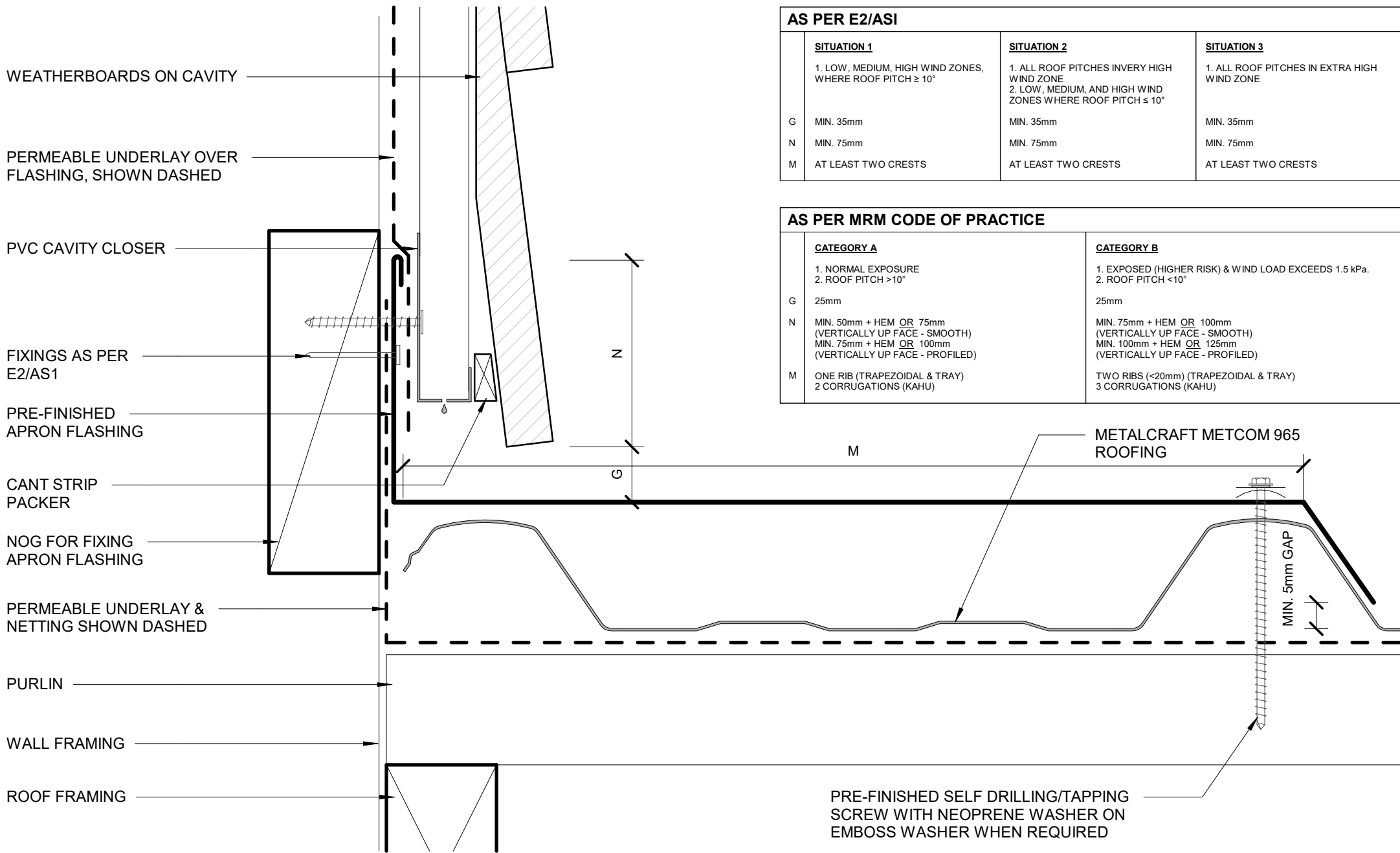
AS PER MRM CODE OF PRACTICE

	CATEGORY A 1. NORMAL EXPOSURE 2. ROOF PITCH >10°	CATEGORY B 1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
	25mm	25mm
G	MIN. 50mm + HEM OR 75mm (VERTICALLY UP FACE - SMOOTH)	MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - SMOOTH)
N	MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - PROFILED)
L	MIN. 150mm	MIN. 200mm

*METCOM 965 MIN. Roof Pitch = 3°

MIN. ROOF PITCH AS PER MRM COP

METALCRAFT METCOM 965 ROOFING
 NOTCHED EDGE OVER METCOM 965 RIBS
 PERMEABLE UNDERLAY & NETTING 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
	1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
G	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)
M	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (KAHU)	TWO RIBS (<20 mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (KAHU)

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Metcom 965

Rev. 1.0

Reference RRMET965

Date JAN 2023

Scale 1 : 2

PARALLEL APRON
RESIDENTIAL ROOFING

Sheet **A 20 / 29**

* 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

NEOPRENE FLEXIBLE CONE SLEEVE

METALCRAFT METCOM 965 ROOFING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON APPROVED MC965 PROFILE / EPDM WASHER

TIMBER PURLIN

NEOPRENE FLEXIBLE CONE SLEEVE

METALCRAFT METCOM 965 ROOFING

PERMEABLE UNDERLAY & NETTING SHOWN DASHED

MIN. ROOF PITCH AS PER MRM
10° COP

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER ON APPROVED MC965 PROFILE / EPDM WASHER

ROOF FRAMING

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 VERSION 3.0 /2019.

PIPE

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 VERSION 3.0/2019.

TIMBER PURLIN

ROOF FRAMING

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PIPE PENETRATION DIRECT FIXED BOOT FLASHING

Metcom 965

Rev. 1.0

RESIDENTIAL ROOFING

Reference RRMET965

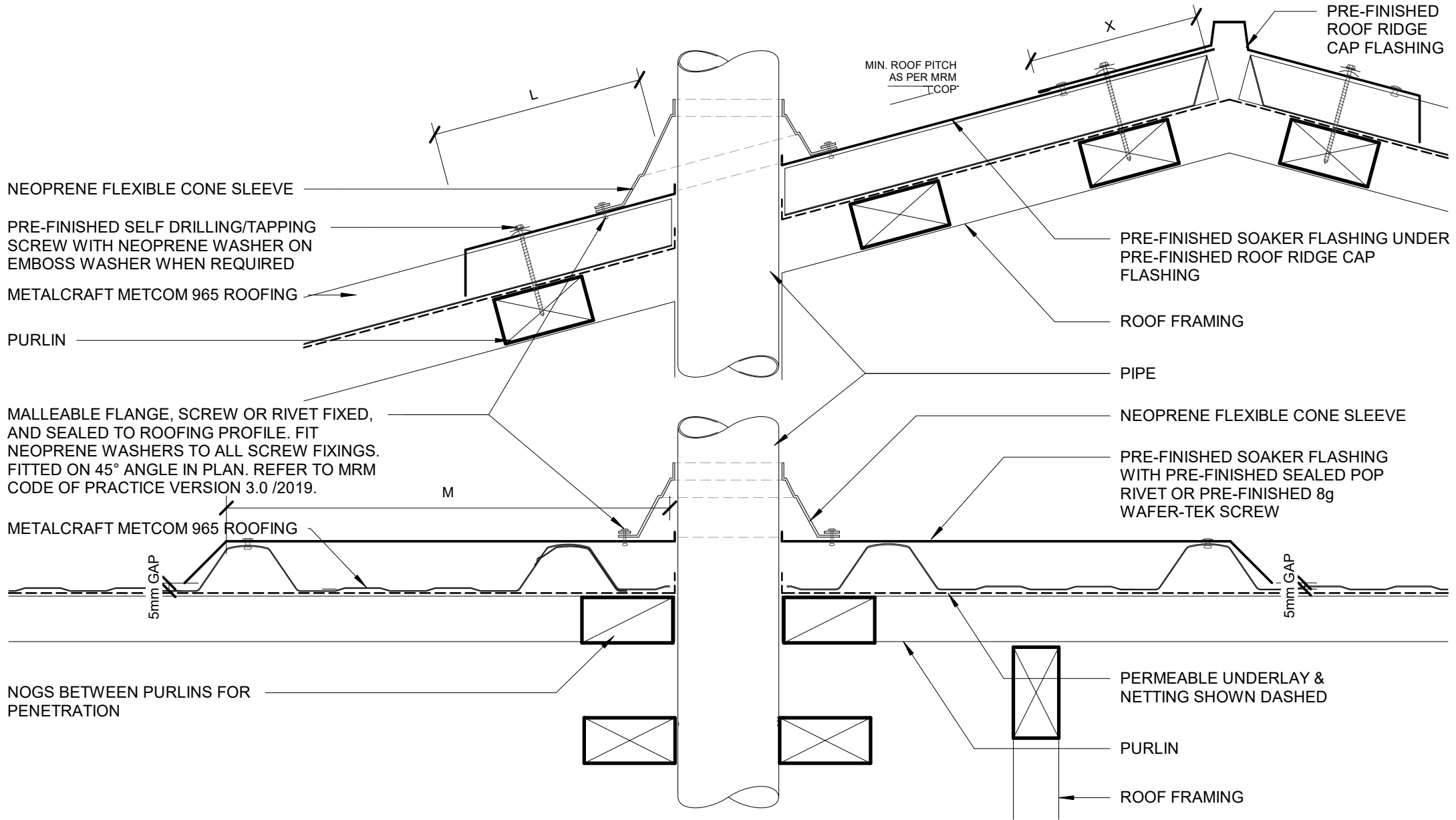
Date JAN 2023

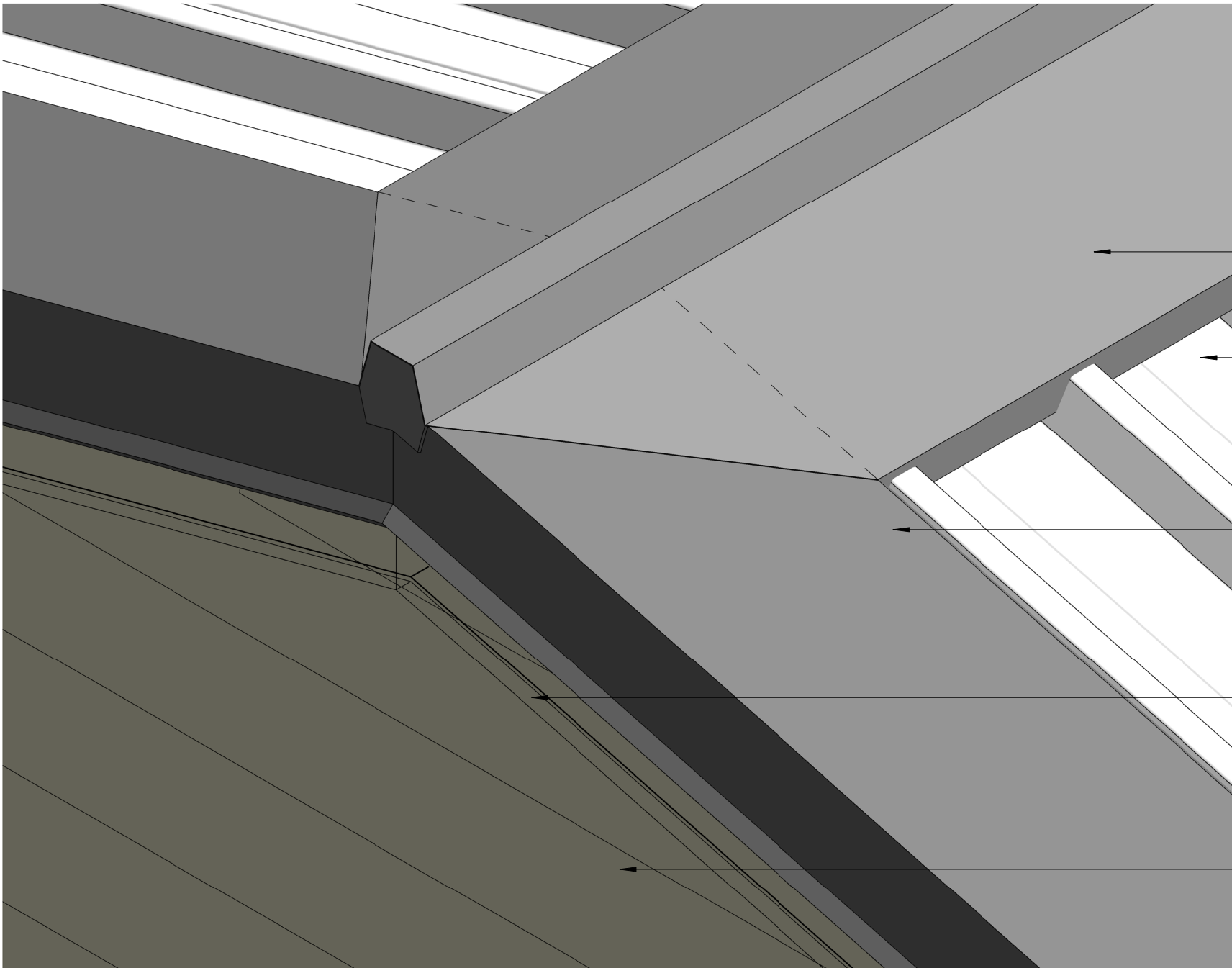
Scale 1 : 5

Sheet **A 21 / 29**

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

REFER MRM CODE OF PRACTICE





* PLEASE REFFER TO MRM CODE OF PRACTICE VERSION 3.0/2019 AND BRANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHINGS COVER WIDTHS.

PRE-FINISHED RIDGE CAP FLASHING

METALCRAFT ROOFING METCOM 965

PRE-FINISHED BARGE FLASHING

FASCIA BOARD

WALL CLADDING ON CAVITY

3D RIDGE BARGE JUNCTION
RESIDENTIAL ROOFING

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Roofing

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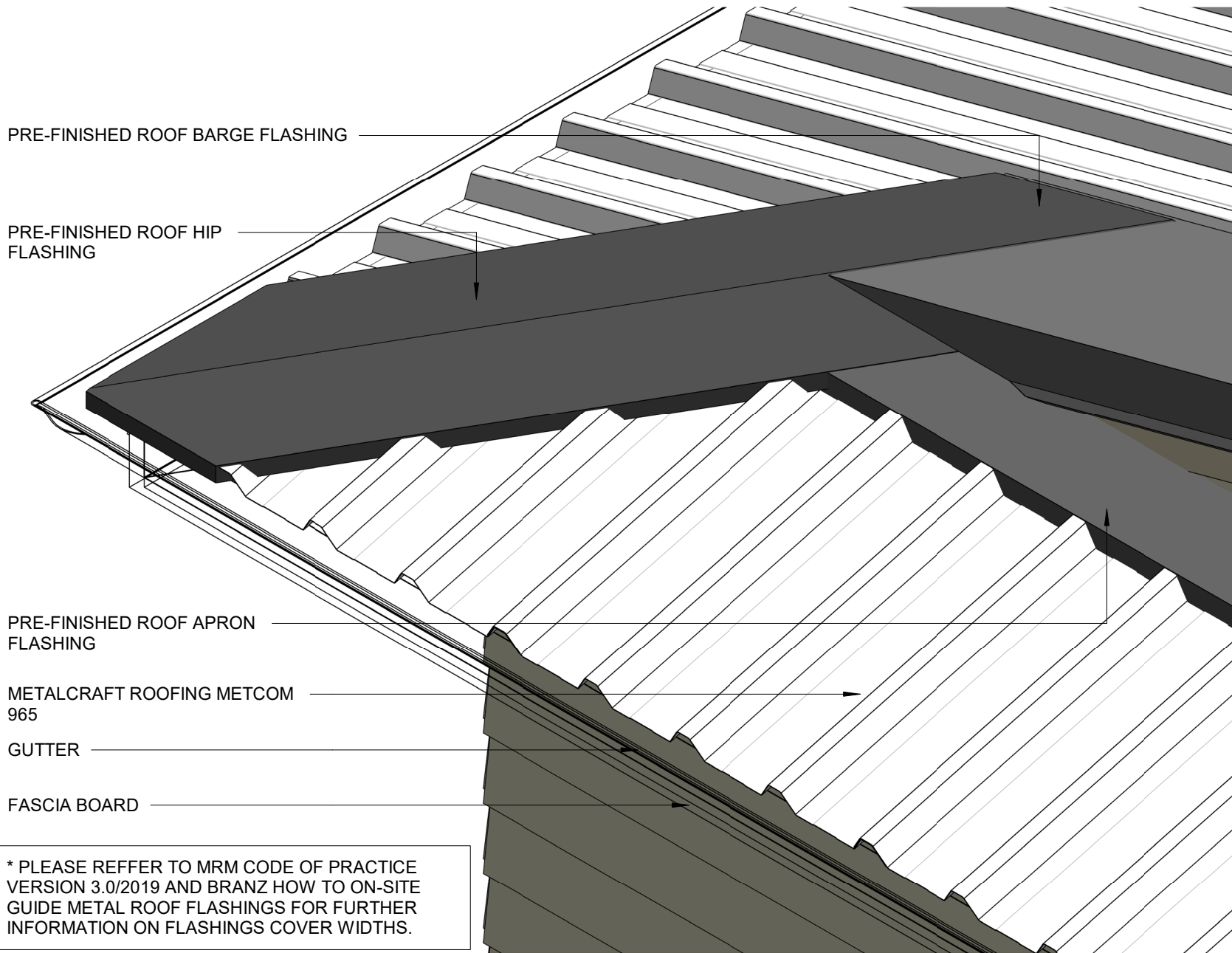
Rev. 1.0

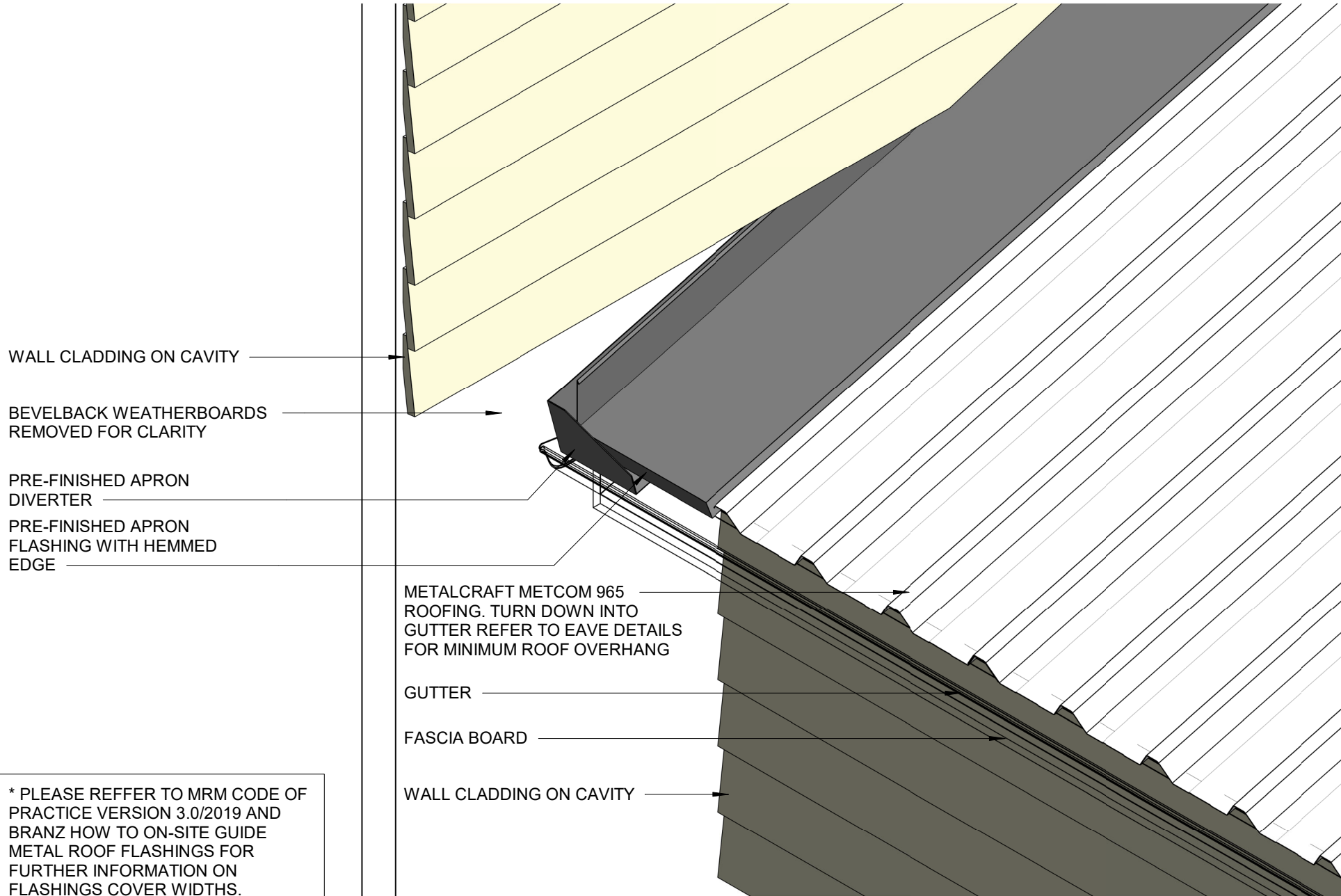
Reference RRMET965

Date JAN 2023

Scale

Sheet **A 23 / 29**





WALL CLADDING ON CAVITY

BEVELBACK WEATHERBOARDS
REMOVED FOR CLARITY

PRE-FINISHED APRON
DIVERTER

PRE-FINISHED APRON
FLASHING WITH HEMMED
EDGE

METALCRAFT METCOM 965
ROOFING. TURN DOWN INTO
GUTTER REFER TO EAVE DETAILS
FOR MINIMUM ROOF OVERHANG

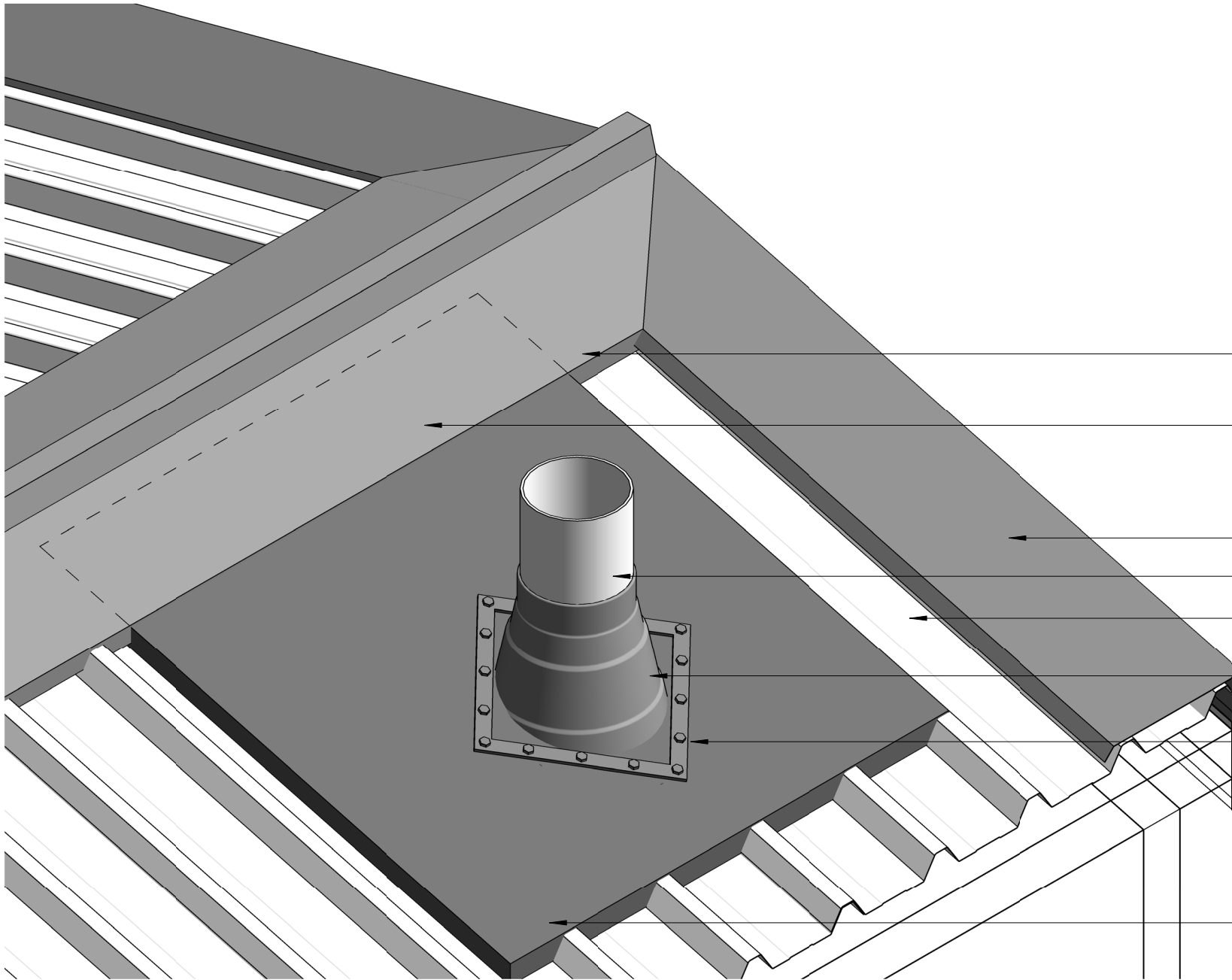
GUTTER

FASCIA BOARD

WALL CLADDING ON CAVITY

* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2019 AND BRANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHINGS COVER WIDTHS.

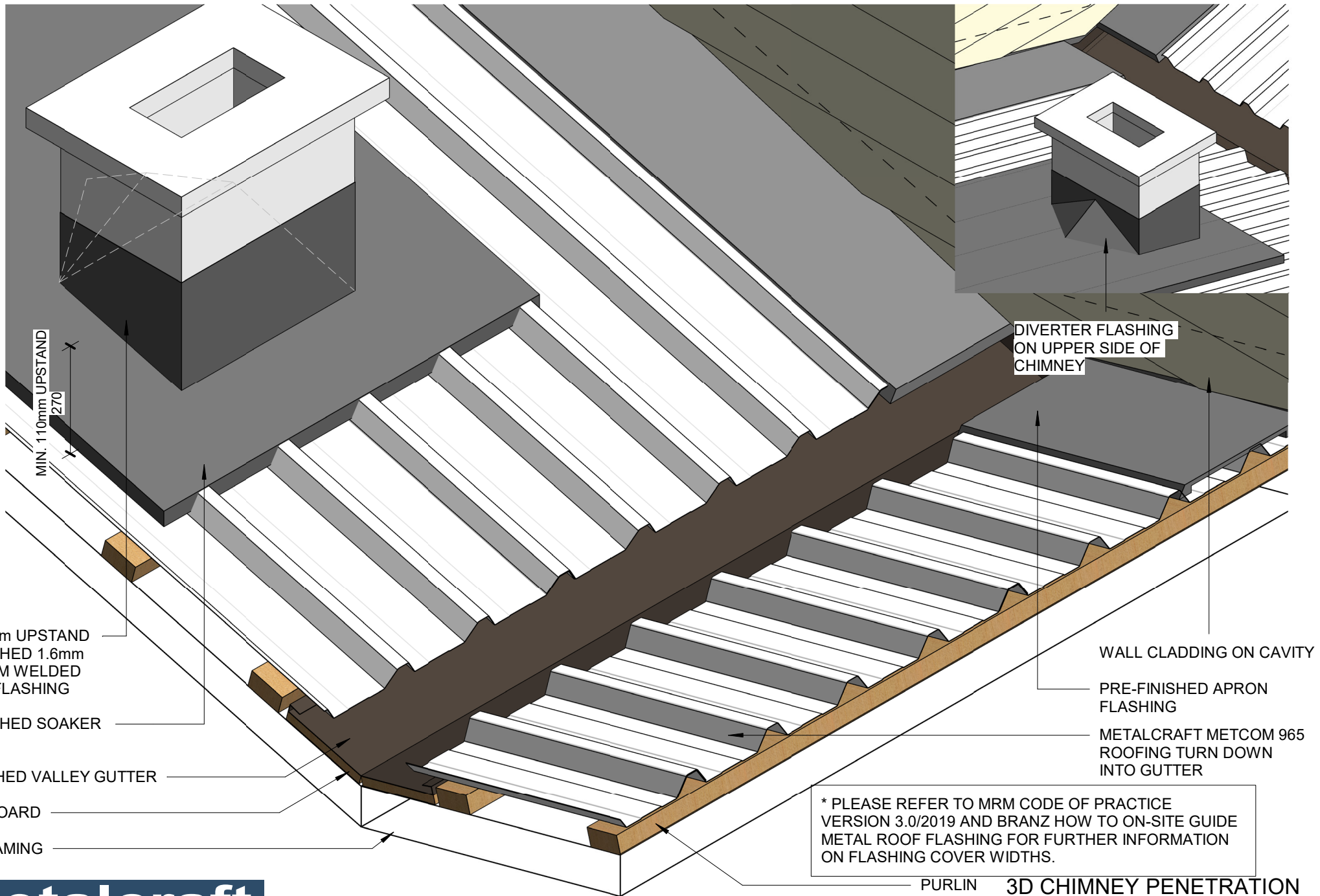
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- PRE-FINISHED ROOF RIDGE FLASHING
- PRE-FINISHED SOAKER FLASHING LINE UNDER PRE-FINISHED ROOF RIDGE FLASHING
- PRE-FINISHED ROOF BARGE FLASHING
- PIPE
- METALCRAFT METCOM 965 ROOFING
- NEOPRENE FLEXIBLE CONE SLEEVE
- MALLEABLE FLANGE, SCREW OR RIVET 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 VERSION 3.0/2019
- PRE-FINISHED SOAKER FLASHING

3D BACK TRAY FLASHING
RESIDENTIAL ROOFING



MIN. 110mm UPSTAND
PRE-FINISHED 1.6mm
ALUMINIUM WELDED
SOAKER FLASHING

PRE-FINISHED SOAKER
FLASHING

PREFINISHED VALLEY GUTTER

VALLEY BOARD

ROOF FRAMING

DIVERTER FLASHING
ON UPPER SIDE OF
CHIMNEY

WALL CLADDING ON CAVITY

PRE-FINISHED APRON
FLASHING

METALCRAFT METCOM 965
ROOFING TURN DOWN
INTO GUTTER

* PLEASE REFER TO MRM CODE OF PRACTICE
VERSION 3.0/2019 AND BRANZ HOW TO ON-SITE GUIDE
METAL ROOF FLASHING FOR FURTHER INFORMATION
ON FLASHING COVER WIDTHS.

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Rev. 1.0

Reference RRMET965

Date JAN 2023

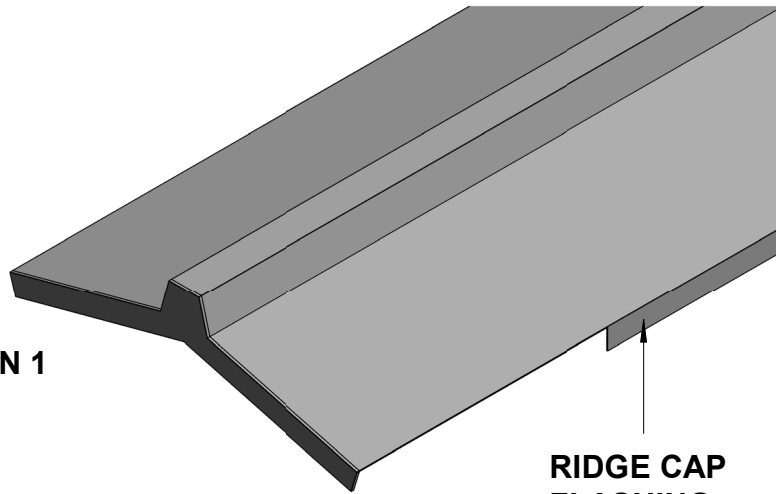
PURLIN 3D CHIMNEY PENETRATION

RESIDENTIAL ROOFING

Scale

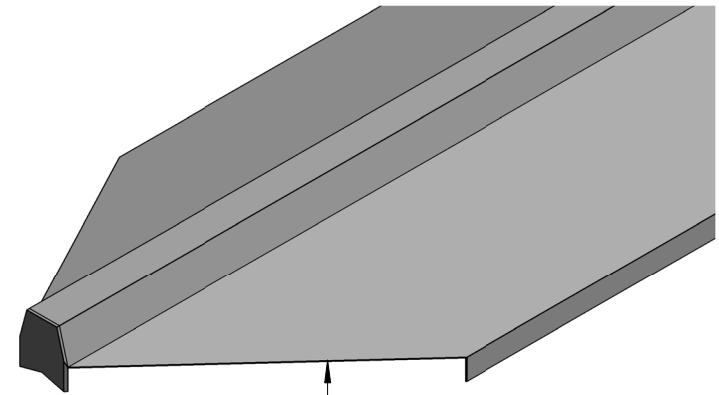
Sheet **A 27 / 29**

OPTION 1

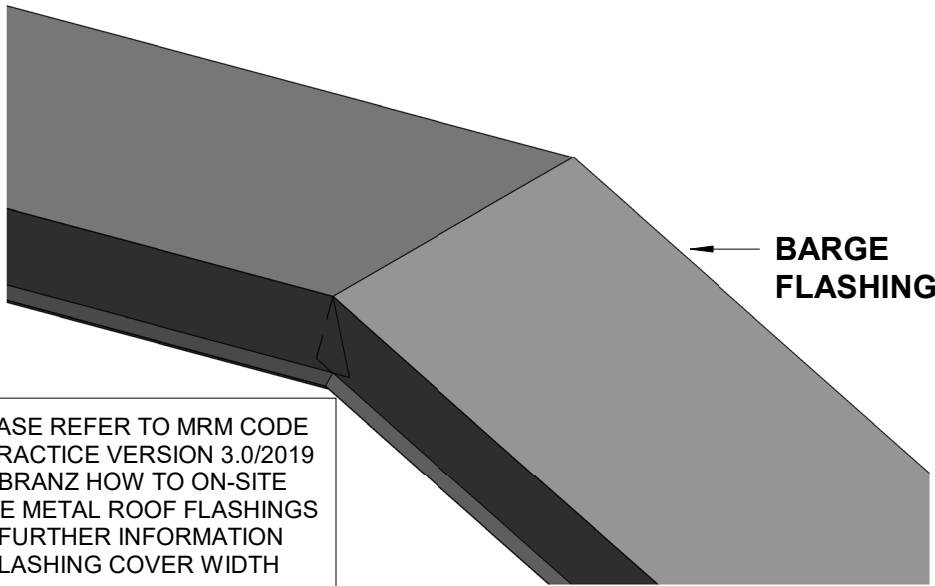


**RIDGE CAP
FLASHING**

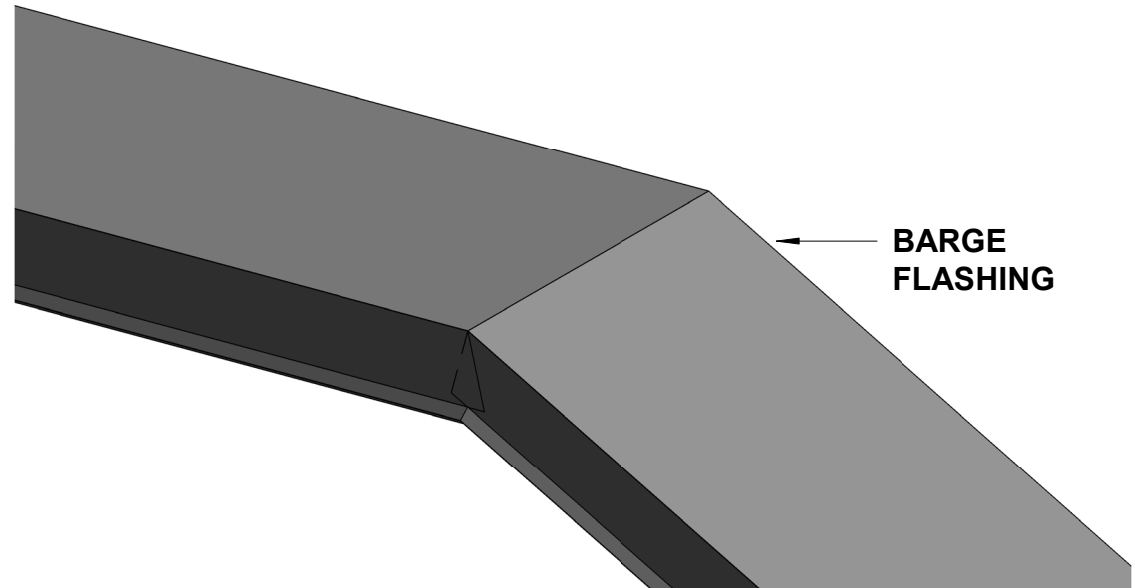
OPTION 2



**RIDGE CAP
FLASHING**



**BARGE
FLASHING**



**BARGE
FLASHING**

*PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2019 AND BRANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTH

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Metcom 965

Rev. 1.0

Reference RRMET965

Date JAN 2023

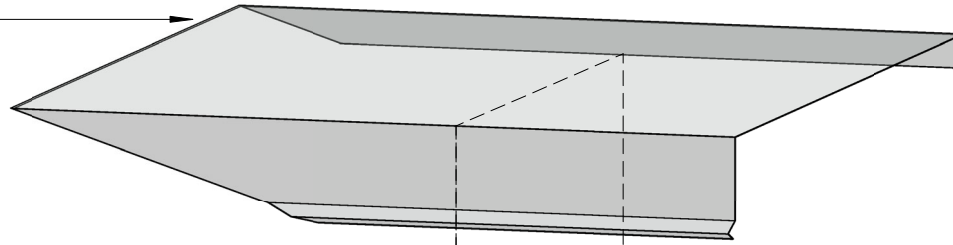
3D RIDGE/BARGE FLASHINGS

RESIDENTIAL ROOFING

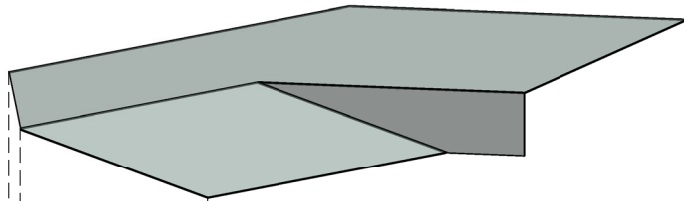
Scale

Sheet **A 28 / 29**

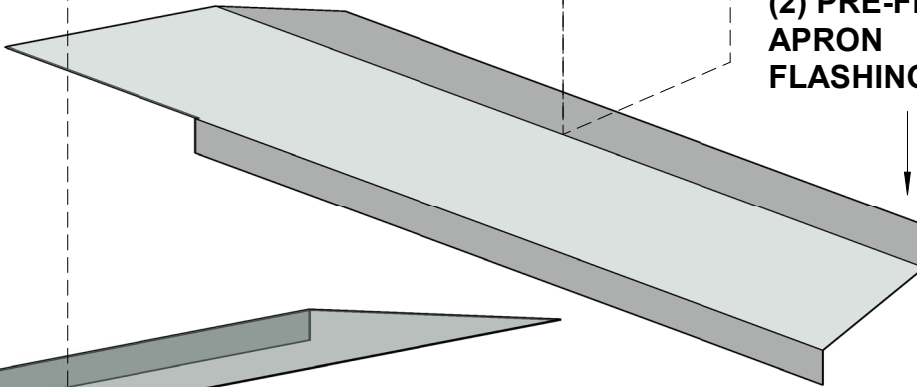
(4) PRE-FINISHED BARGE FLASHING



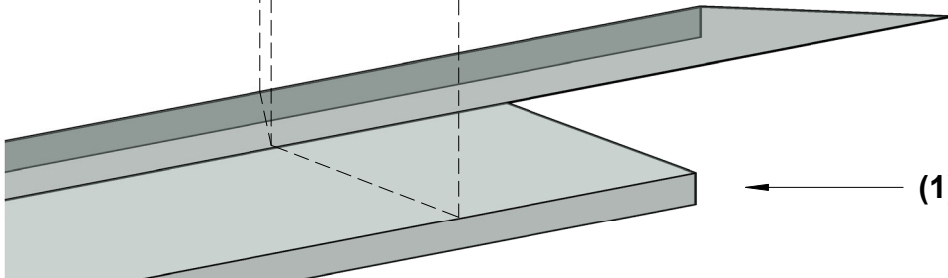
(3) PRE-FINISHED 3D SADDLE FLASHING



(2) PRE-FINISHED APRON FLASHING



(1) PRE-FINISHED HIP FLASHING



* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2019 AND BRANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

