

Metcom 965

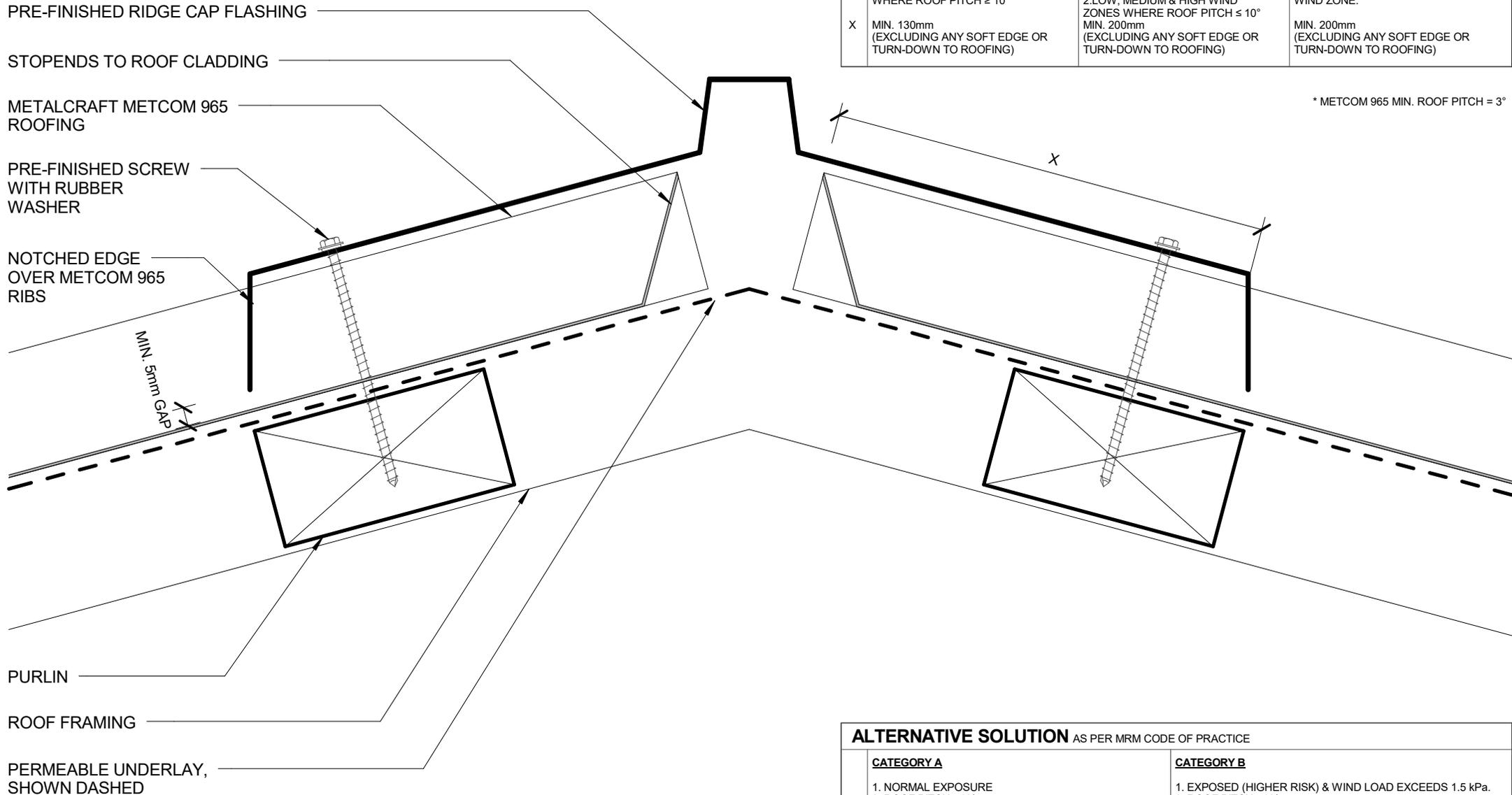
RESIDENTIAL ROOFING

DETAIL LIST

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

ACCEPTABLE SOLUTION 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)

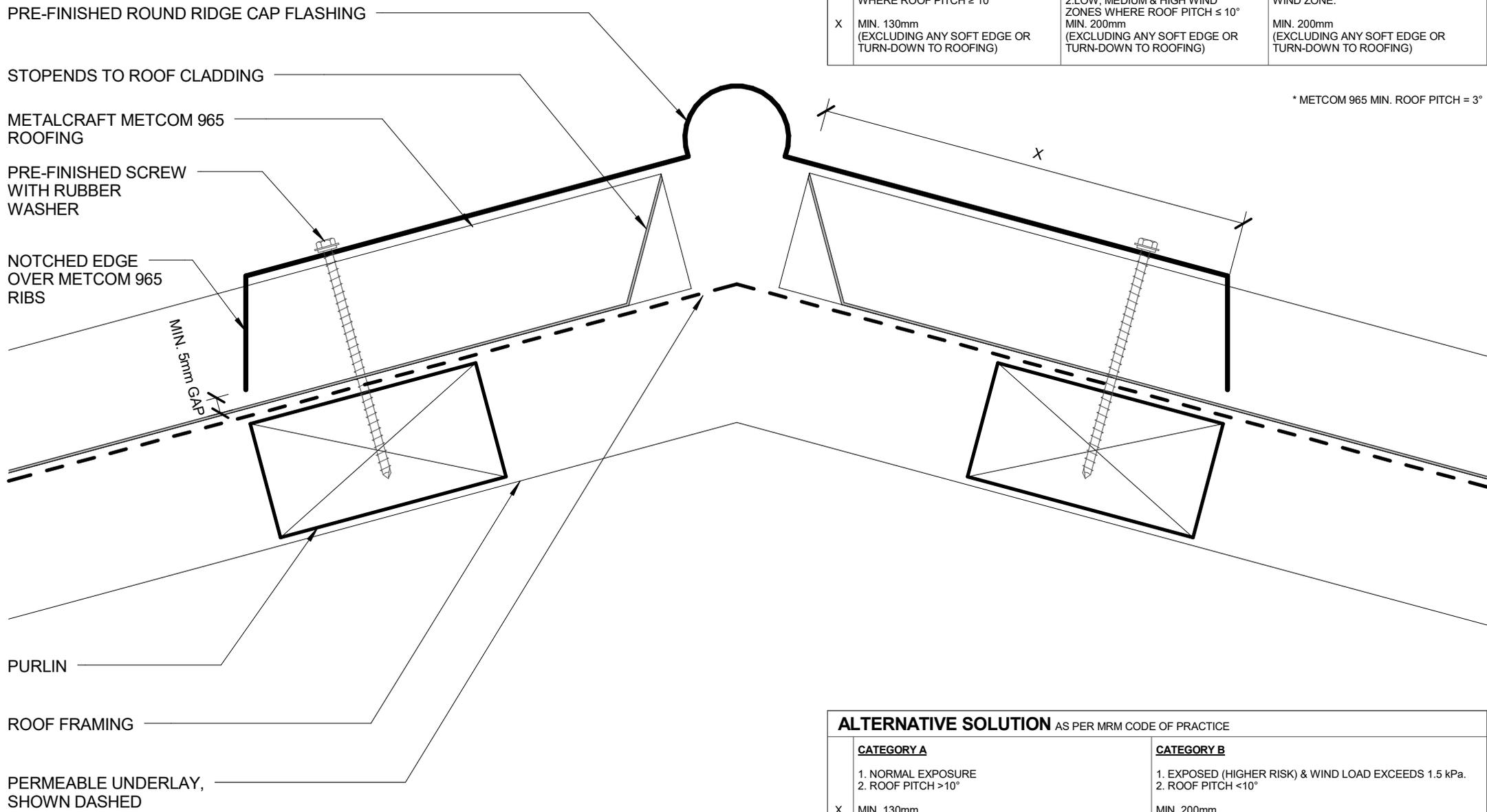
* METCOM 965 MIN. ROOF PITCH = 3°



ALTERNATIVE SOLUTION 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

ACCEPTABLE SOLUTION 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.
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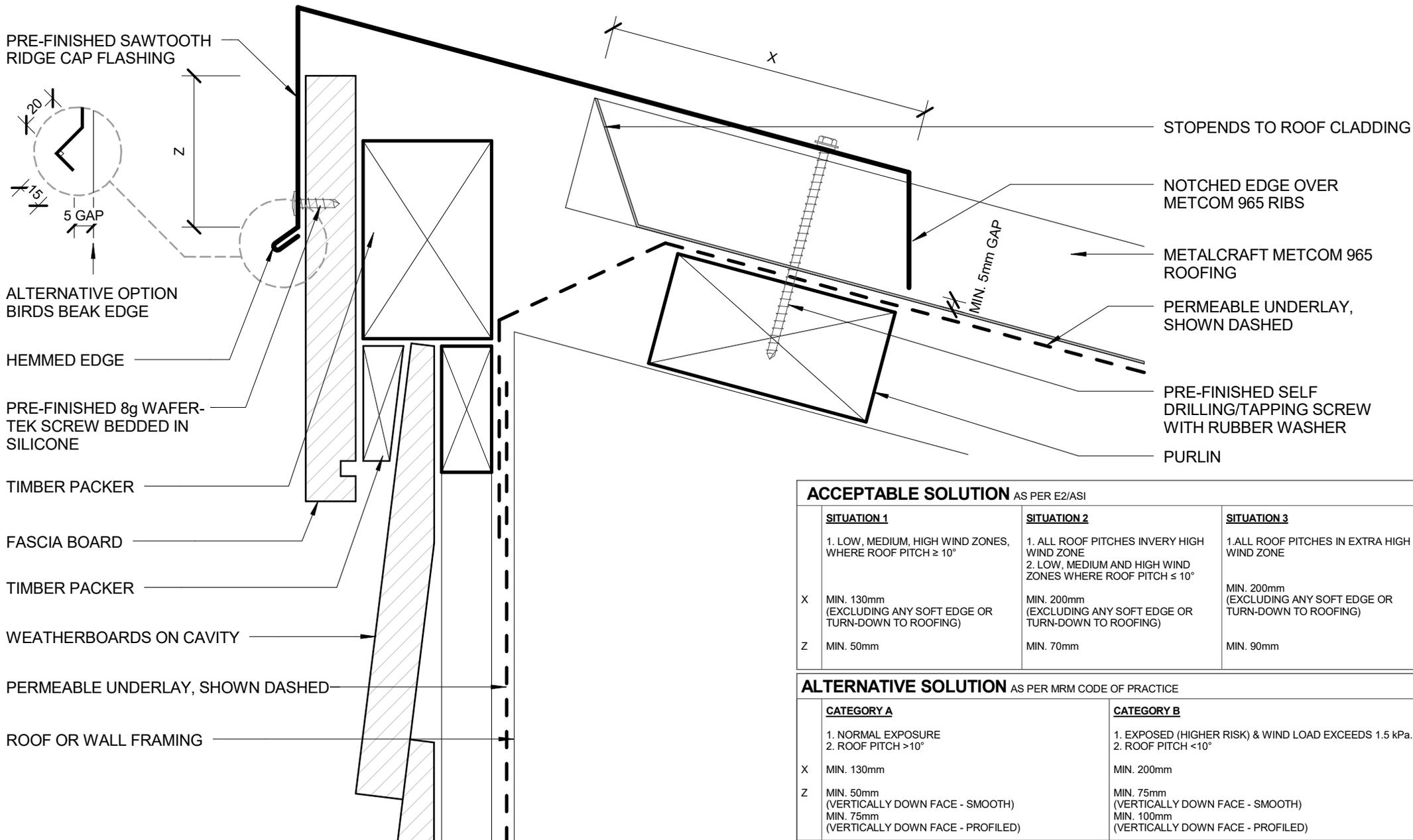
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ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE	
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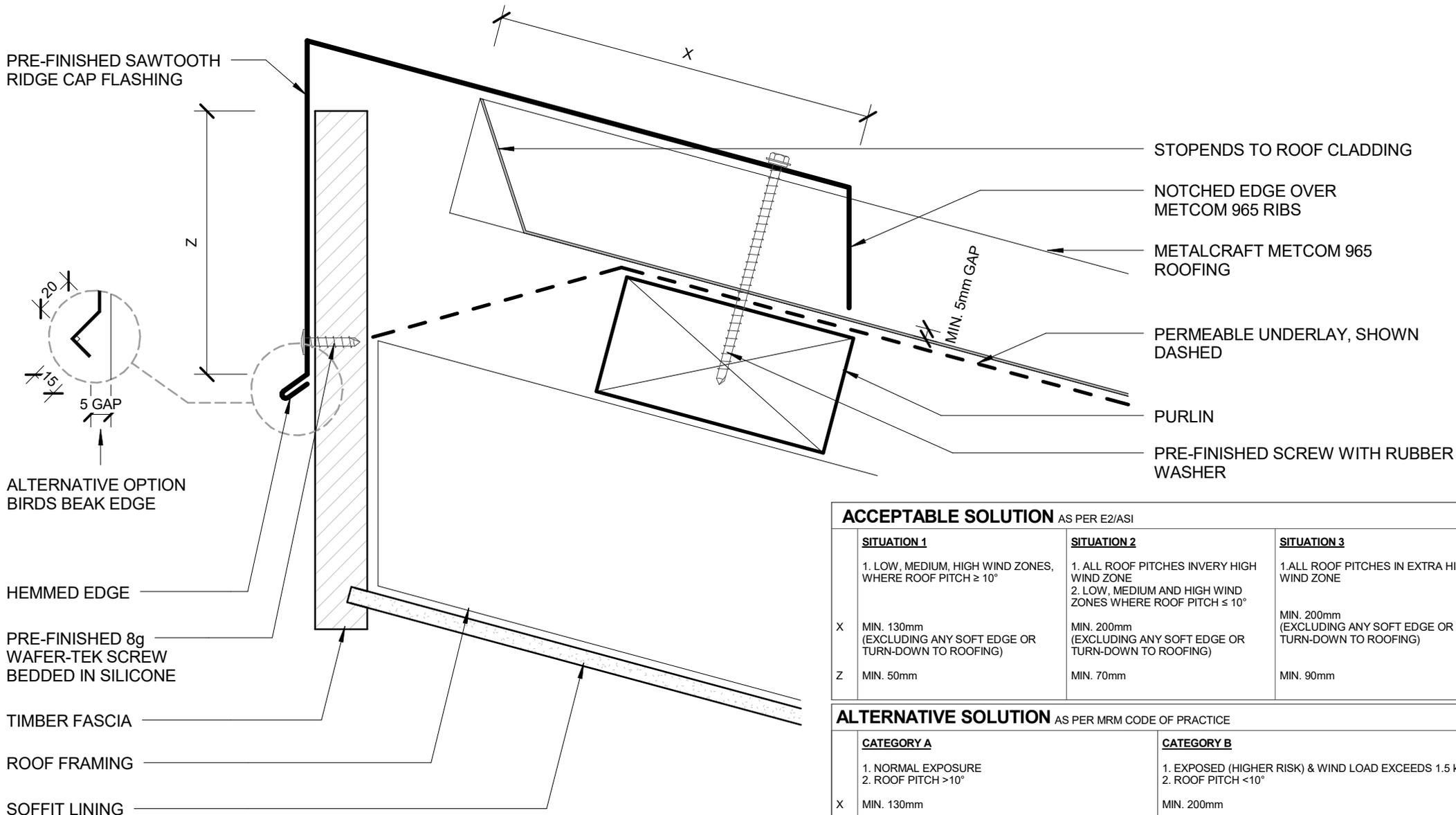


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ACCEPTABLE SOLUTION AS PER E2/ASI		
SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
X 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

ALTERNATIVE SOLUTION 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
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)



ACCEPTABLE SOLUTION 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
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Z MIN. 50mm	MIN. 70mm	MIN. 90mm

ALTERNATIVE SOLUTION 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
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)

METALCRAFT METCOM 965 ROOFING

PRE-FINISHED SCREW WITH RUBBER WASHER

A : OVERALL VALLEY GUTTER WIDTH

B : CLEARANCE BETWEEN ROOFING

C

C

MIN. 50mm

MIN. 20mm

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

- FOR 8° DEGREES OR LOWER USE INTERNAL GUTTER DETAIL

ACCEPTABLE SOLUTION AS PER E2/AS1	
SITUATION 1	SITUATION 2
MAX. CATCHMENT 25m ² MIN. ROOF PITCH 8°	MAX. CATCHMENT 16m ² MIN. ROOF PITCH 12.5°
A MIN. 250mm	160mm - 249mm
B MIN. 50mm	MIN. 40mm
C MIN. 80mm	MIN. 60mm

ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE		
ROOF PITCH	TYPE B	TYPE C
8 - 12°	MIN. 75mm	MIN. 75mm
12 - 35°	MIN. 50mm	MIN. 70mm
> 35°	MIN. 50mm	MIN. 70mm

METALCRAFT MMETCOM 965 ROOFING

PRE-FINISHED SCREW WITH RUBBER WASHER

A : OVERALL VALLEY GUTTER WIDTH

B : CLEARANCE BETWEEN ROOFING

C

C

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

MIN. 70mm

MIN. 20mm

ACCEPTABLE SOLUTION AS PER E2/AS1

SITUATION 1

MAX. CATCHMENT 25m²
MIN. ROOF PITCH 8°

A MIN. 250mm
B MIN. 50mm
C MIN. 80mm

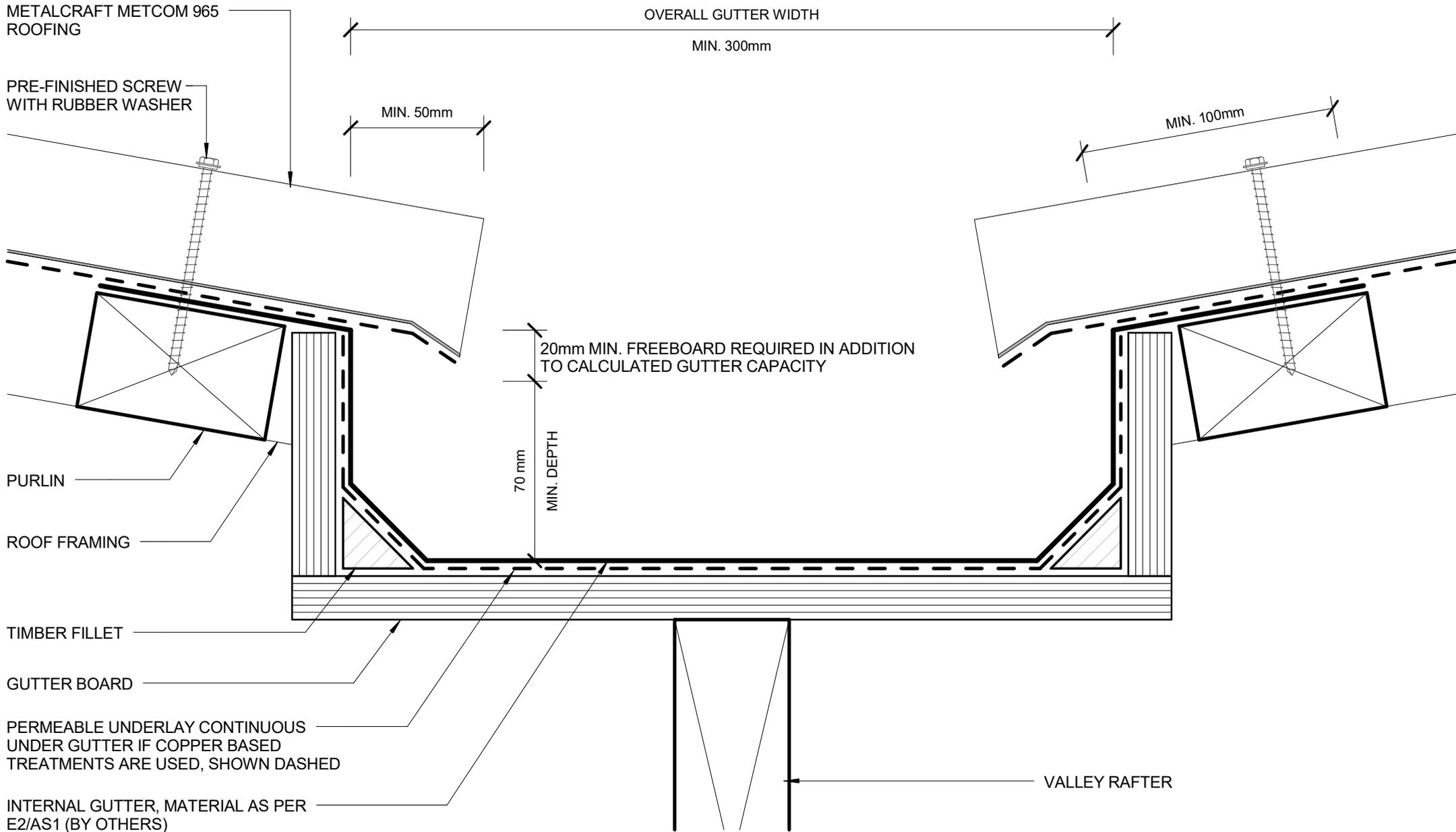
SITUATION 2

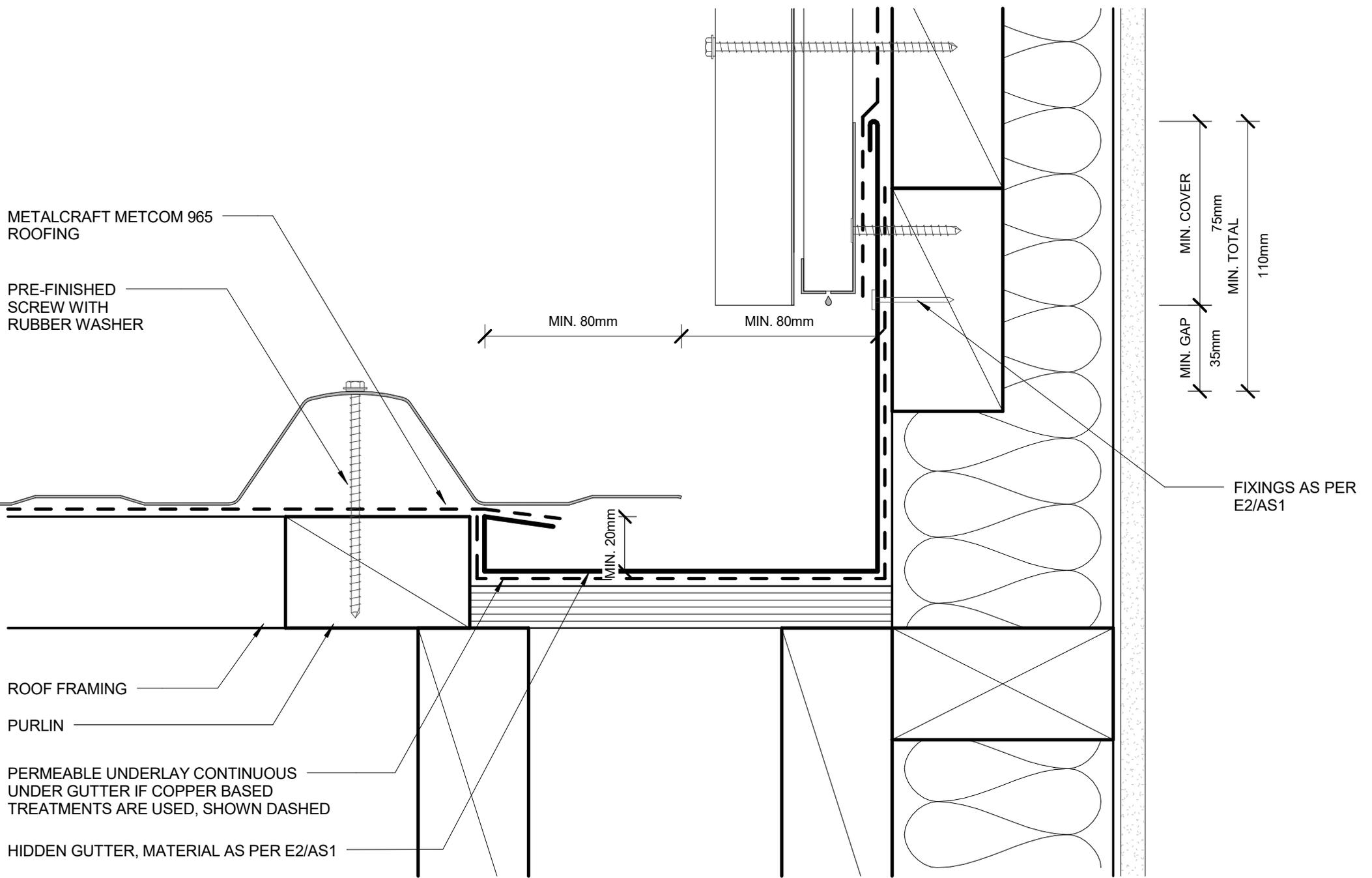
MAX. CATCHMENT 16m²
MIN. ROOF PITCH 12.5°

160mm - 249mm
MIN. 40mm
MIN. 60mm

ROOF VALLEY BAFFLE TO BE USED WITH ROOF PITCHES OVER 35° AS PER MRM CODE OF PRACTICE

- FOR 8° DEGREES OR LOWER USE INTERNAL GUTTER DETAIL





PARALLEL HIDDEN GUTTER
RESIDENTIAL ROOFING

METALCRAFT METCOM 965
ROOFING

PRE-FINISHED
SCREW WITH RUBBER
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

PARALLEL HIDDEN GUTTER (2 PART FLASHING)

Metalcraft
Roofing

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Rev. 1.0

RESIDENTIAL ROOFING

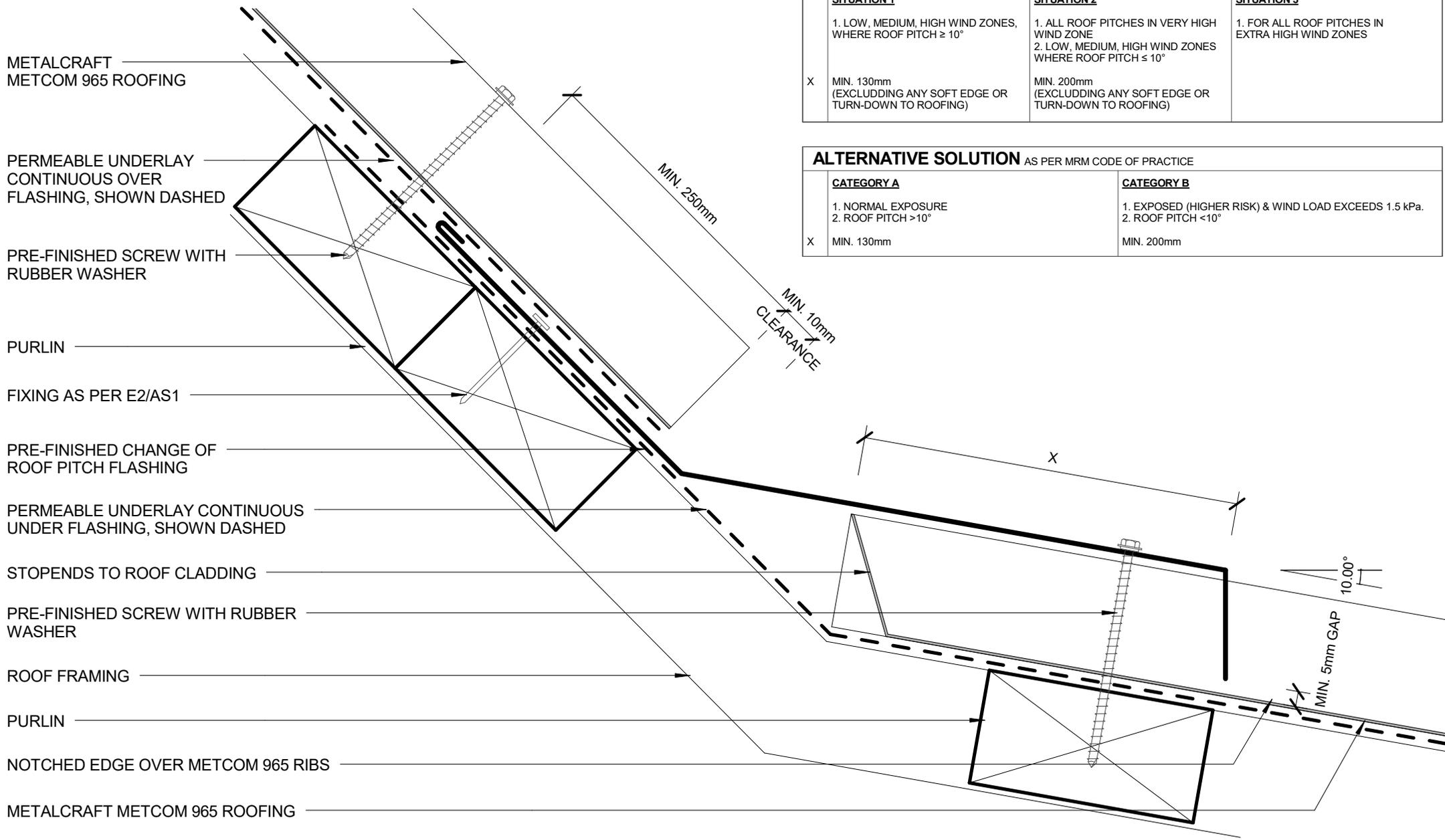
Reference RRMET965

Date 06/21/19

Scale 1 : 2

Sheet

A 09



ACCEPTABLE SOLUTION 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. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	

ALTERNATIVE SOLUTION 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 RUBBER 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

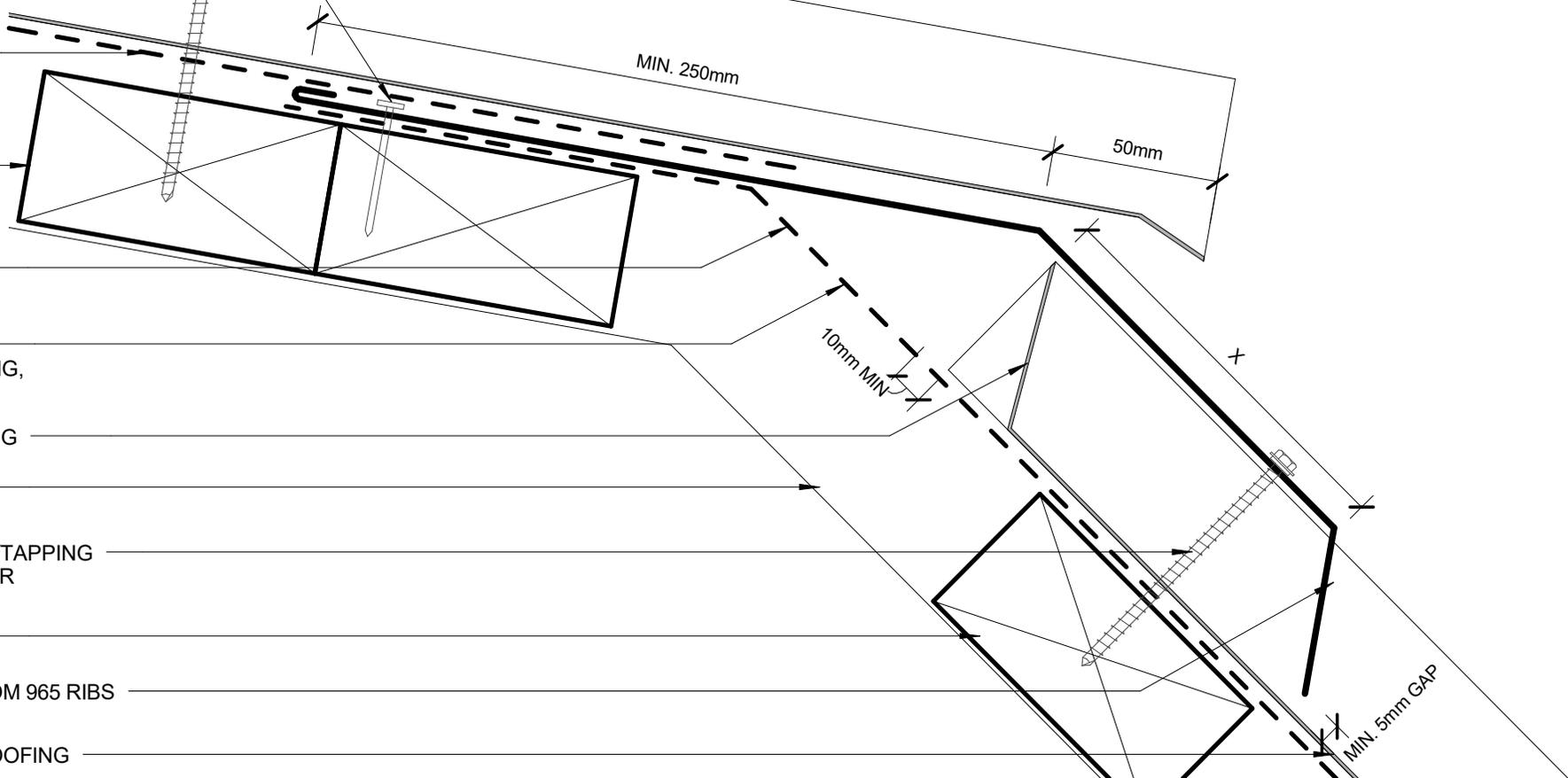
ROOF FRAMING

PRE-FINISHED SELF DRILLING/TAPPING
SCREW WITH RUBBER WASHER

PURLIN

NOTCHED EDGE OVER METCOM 965 RIBS

METALCRAFT METCOM 965 ROOFING



ACCEPTABLE SOLUTION 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. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	

ALTERNATIVE SOLUTION 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

* METCOM 965 MIN. ROOF PITCH = 3°

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
 ROOF PITCH $\leq 10^\circ$, OR
 SOFFIT WIDTH $\leq 100\text{mm}$, OR
 WIND ZONES = VERY HIGH OR EXTRA HIGH OR
 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°

$<10^\circ = 70\text{mm}$
 $10-35^\circ = 50\text{mm}$
 $>35^\circ = 40\text{mm}$

MIN. 125 mm

FOAM CLOSURE USED AS REQUIRED

METALCRAFT METCOM 965 ROOFING

PERMEABLE UNDERLAY, SHOWN
 DASHED

MIN. 35mm
 OVERLAP

PRE-FINISHED SCREW WITH
 RUBBER WASHER

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

FIXINGS AS PER
 E2/AS1

METALLINE™ QUAD GUTTER

TIMBER ROOF FRAMING

METALLINE™ QUAD GUTTER
 OVERSTRAP

SOFFIT LINING

SPRING CLIP

METALLINE™ FASCIA

FASCIA BRACKET

EAVE WITH METALLINE FASCIA

Metalcraft
 Roofing

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Metcom 965

Rev. 1.0

RESIDENTIAL ROOFING

Reference RRMET965

Date 06/21/19

Scale 1 : 2

Sheet

A 12

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

$<10^\circ = 70\text{mm}$
 $10-35^\circ = 50\text{mm}$
 $>35^\circ = 40\text{mm}$

MIN. 125 mm

METALCRAFT METCOM 965 ROOFING

FOAM CLOSURE USED AS REQUIRED

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

SNOW STRAP AS REQUIRED

METALLINE™ QUAD GUTTER

METALLINE™ QUAD GUTTER INTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK SCREW

TIMBER FASCIA

MIN. 35mm OVERLAP

PRE-FINISHED SCREW WITH RUBBER WASHER

PERMEABLE UNDERLAY, SHOWN DASHED

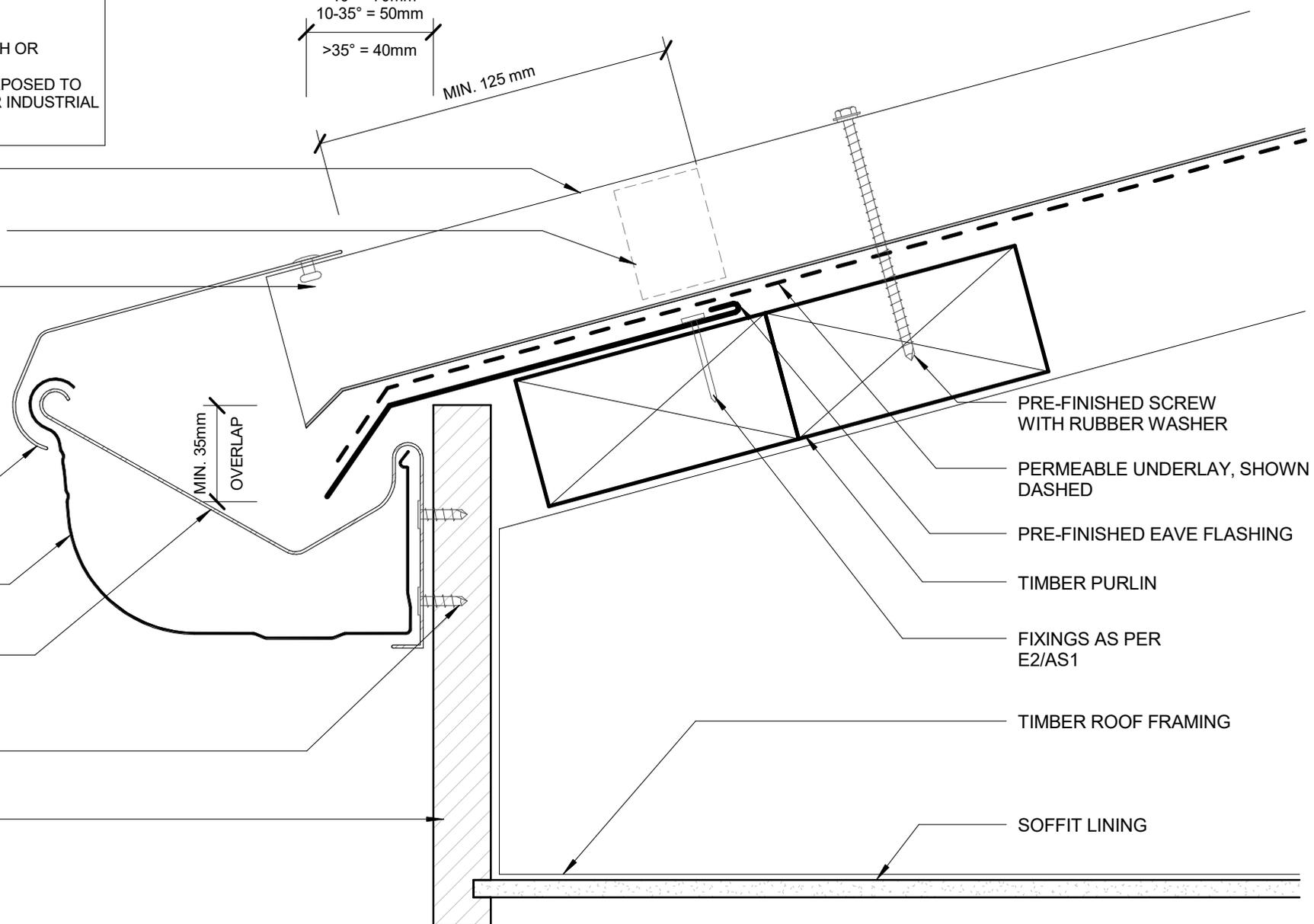
PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

FIXINGS AS PER E2/AS1

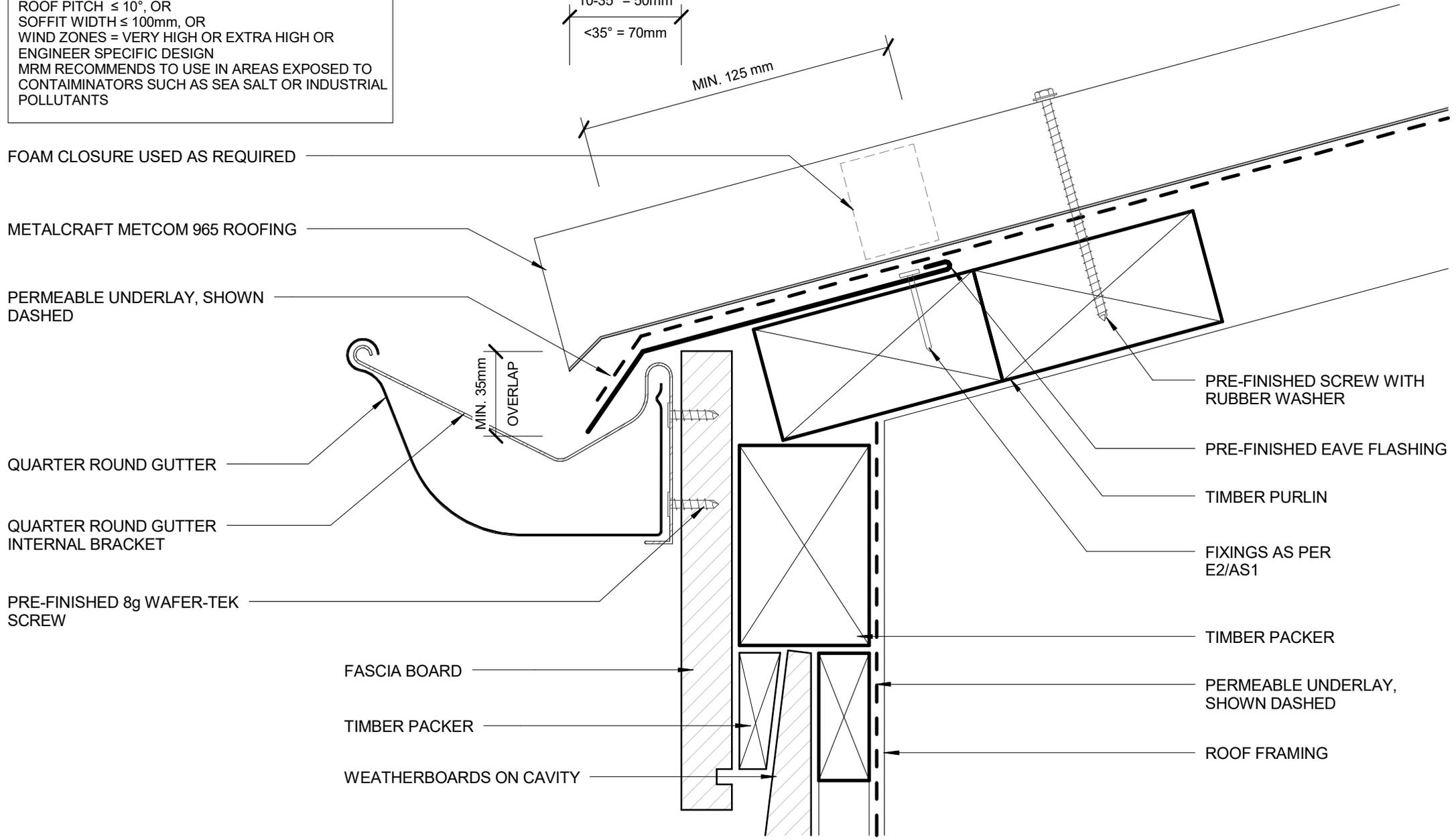
TIMBER ROOF FRAMING

SOFFIT LINING



EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
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 WIND ZONES = VERY HIGH OR EXTRA HIGH OR
 ENGINEER SPECIFIC DESIGN
 MRM RECOMMENDS TO USE IN AREAS EXPOSED TO
 CONTAMINATORS SUCH AS SEA SALT OR INDUSTRIAL
 POLLUTANTS

$<10^\circ = 70\text{mm}$
 $10-35^\circ = 50\text{mm}$
 $<35^\circ = 70\text{mm}$



FLUSH EAVE WITH INTERNAL GUTTER BRACKET

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

$<10^\circ = 70\text{mm}$
 $10-35^\circ = 50\text{mm}$
 $>35^\circ = 40\text{mm}$

FOAM CLOSURE AS REQUIRED

METALCRAFT METCOM 965 ROOFING

PERMEABLE UNDERLAY, SHOWN DASHED

QUARTER ROUND GUTTER

QUARTER ROUND GUTTER EXTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK SCREW

FASCIA BOARD

TIMBER PACKER

WEATHERBOARDS ON CAVITY

MIN. 125 mm

MIN. 35mm OVERLAP

PRE-FINISHED SCREW WITH RUBBER WASHER

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

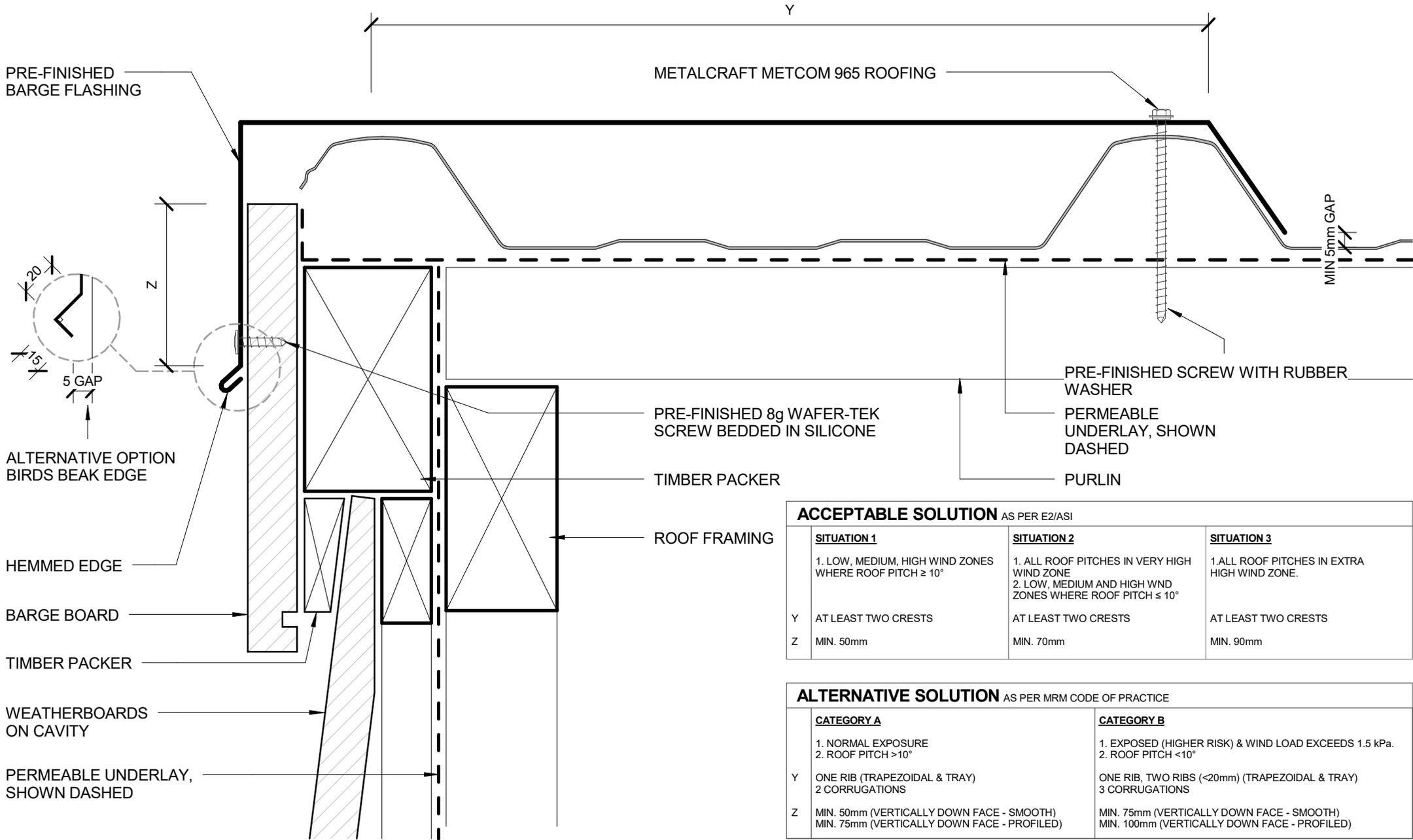
FIXINGS AS PER E2/AS1

TIMBER PACKER

PERMEABLE UNDERLAY, SHOWN DASHED

ROOF FRAMING

FLUSH EAVE WITH EXTERNAL GUTTER BRACKET



ACCEPTABLE SOLUTION AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
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Y AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z MIN. 50mm	MIN. 70mm	MIN. 90mm

ALTERNATIVE SOLUTION 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 $<10^\circ$
Y 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)

BARGE WITH PROFILED CLADDING

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Rev. 1.0

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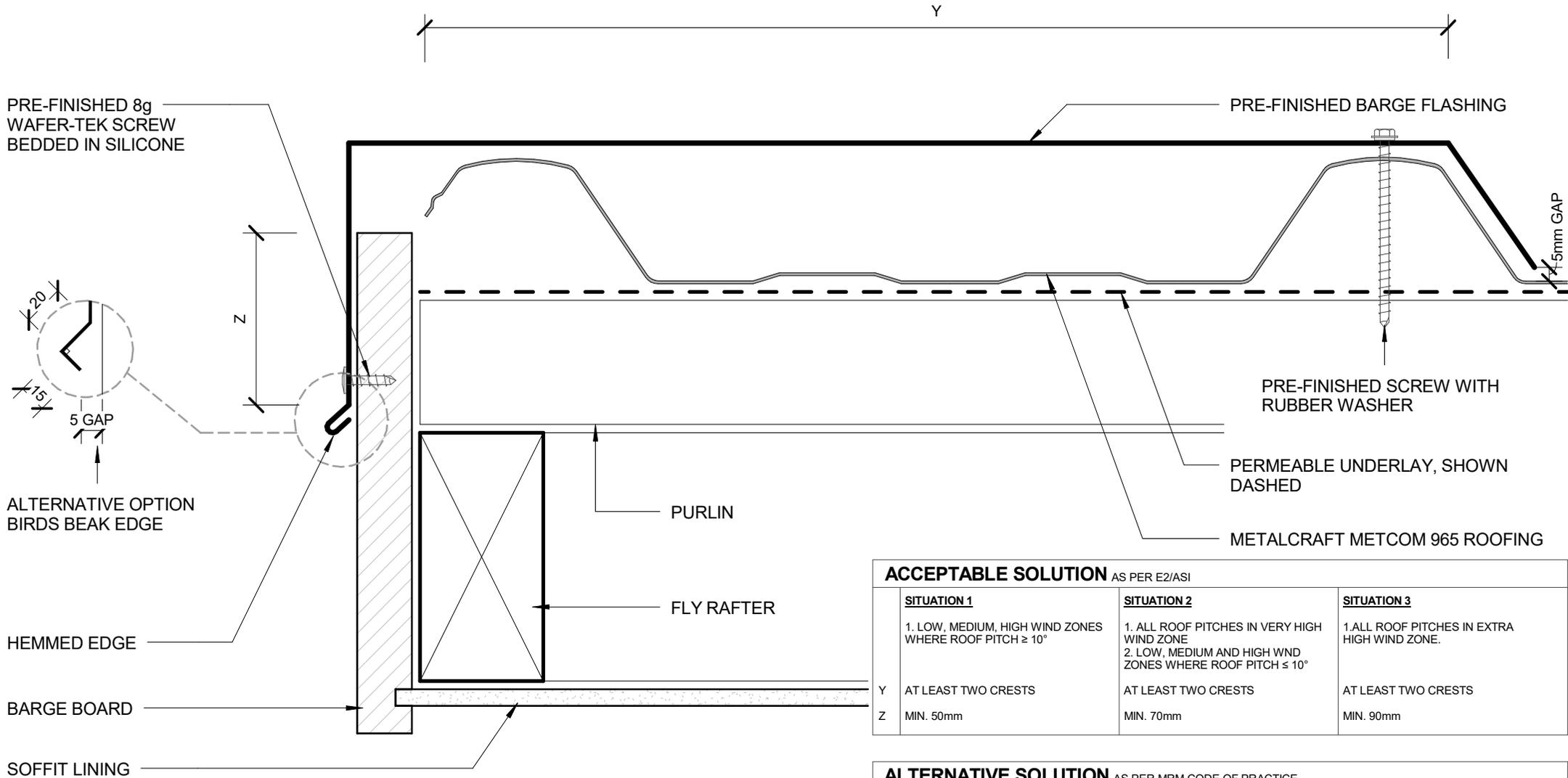
Scale 1 : 2

Sheet

A 16

Metalcraft
Roofing

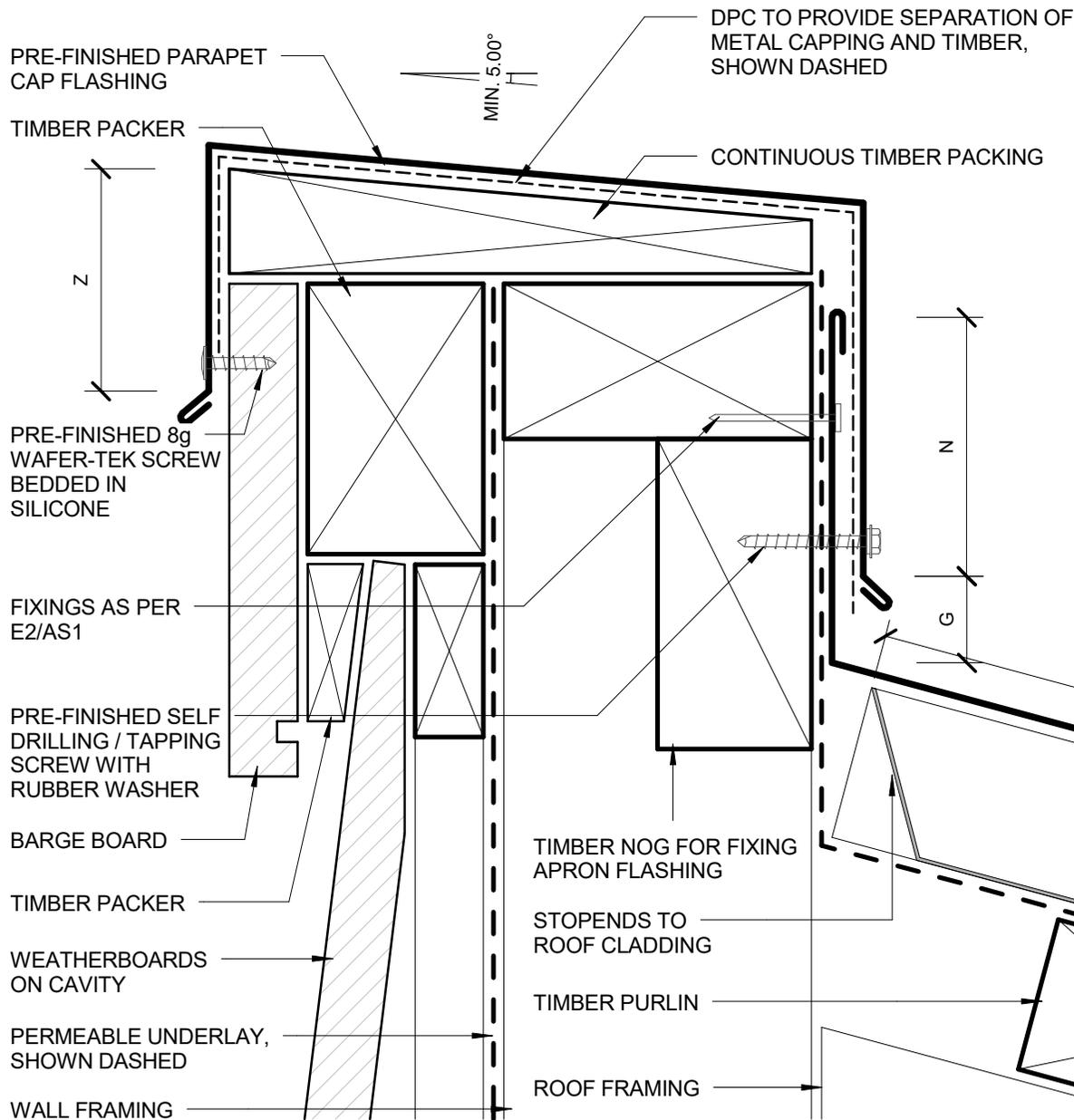
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ACCEPTABLE SOLUTION AS PER E2/AS1		
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Y AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z MIN. 50mm	MIN. 70mm	MIN. 90mm

ALTERNATIVE SOLUTION 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 $<10^\circ$
Y 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)

BARGE OVERHANG
RESIDENTIAL ROOFING



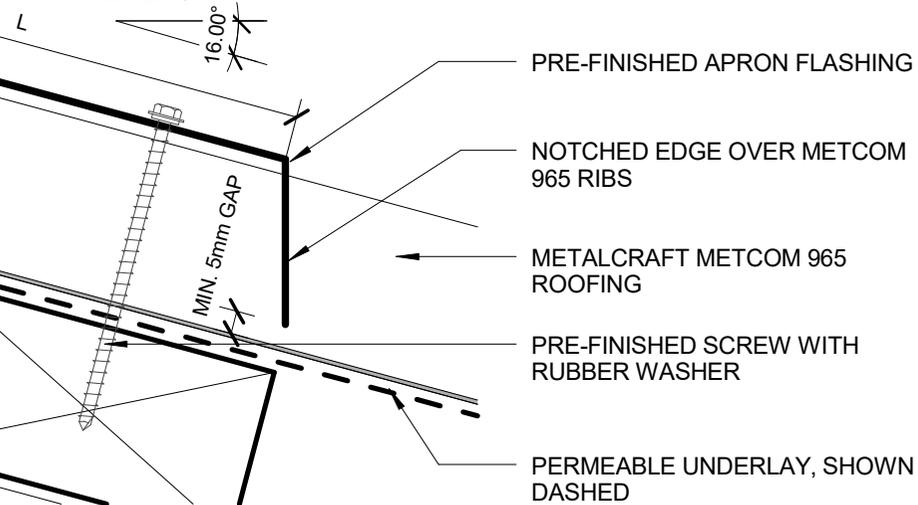
ACCEPTABLE SOLUTION AS PER E2/AS1

	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

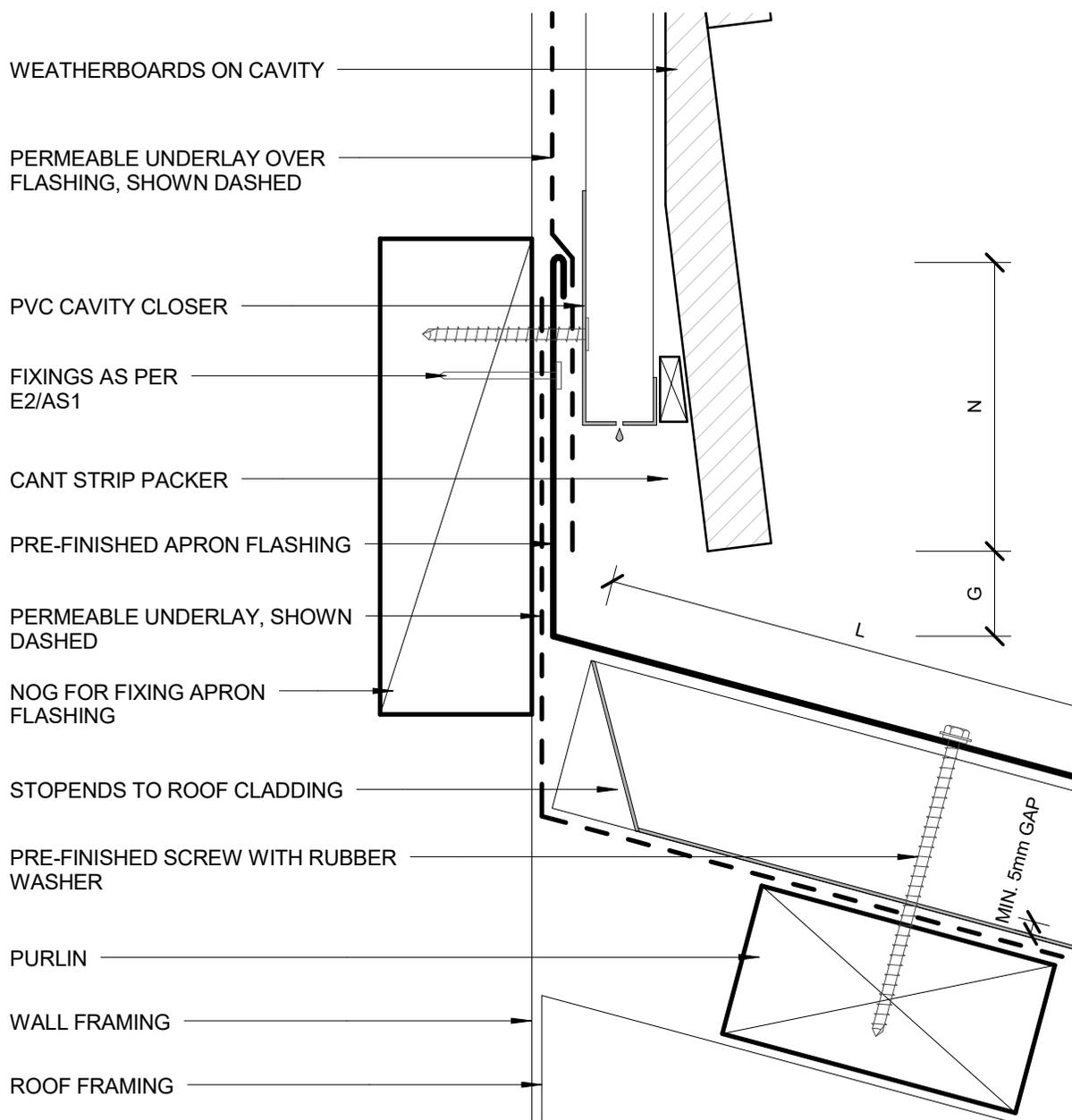
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

	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)

*METCOM 965 MIN. Roof Pitch = 3°



PARAPET WITH TRANSVERSE APRON

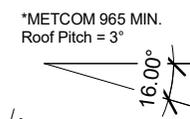


ACCEPTABLE SOLUTION AS PER E2/AS1

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONES 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	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)

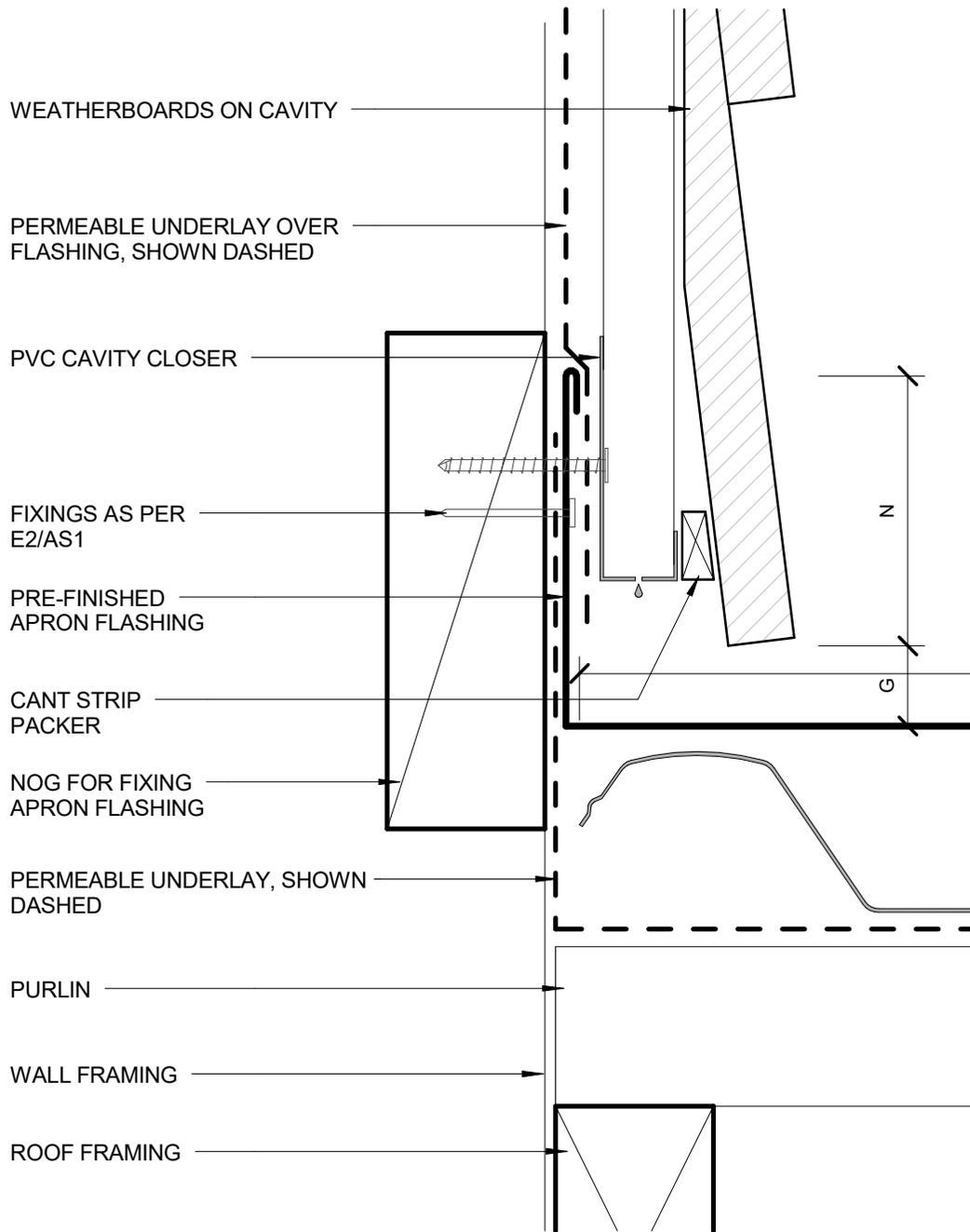
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

	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 <u>OR</u> 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM <u>OR</u> 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 75mm + HEM <u>OR</u> 100mm (VERTICALLY UP FACE - SMOOTH) MIN. 100mm + HEM <u>OR</u> 125mm (VERTICALLY UP FACE - PROFILED)
L	MIN. 150mm	MIN. 200mm



MIN. 5mm GAP

METALCRAFT METCOM 965 ROOFING
NOTCHED EDGE OVER METCOM 965 RIBS
PERMEABLE UNDERLAY, SHOWN DASHED

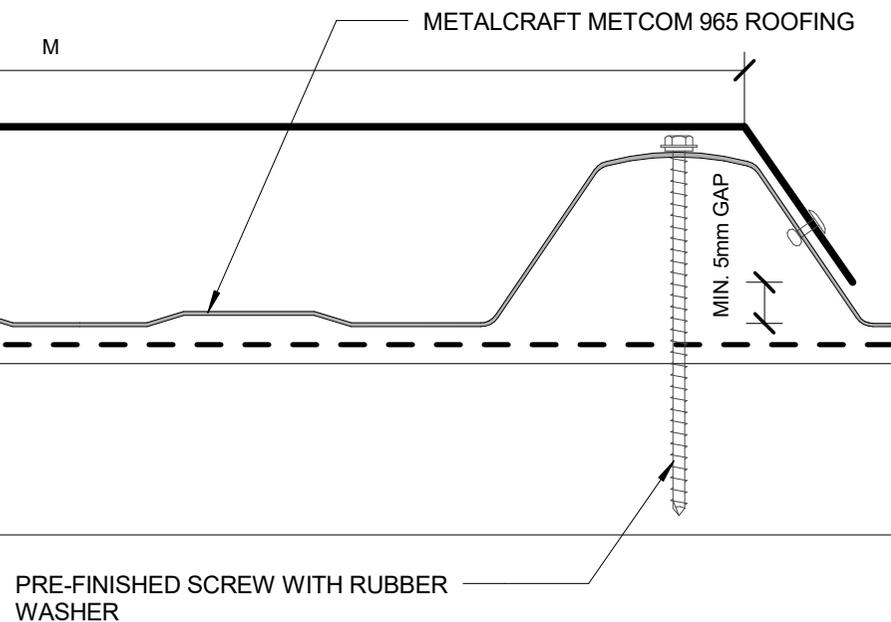


ACCEPTABLE SOLUTION AS PER E2/AS1

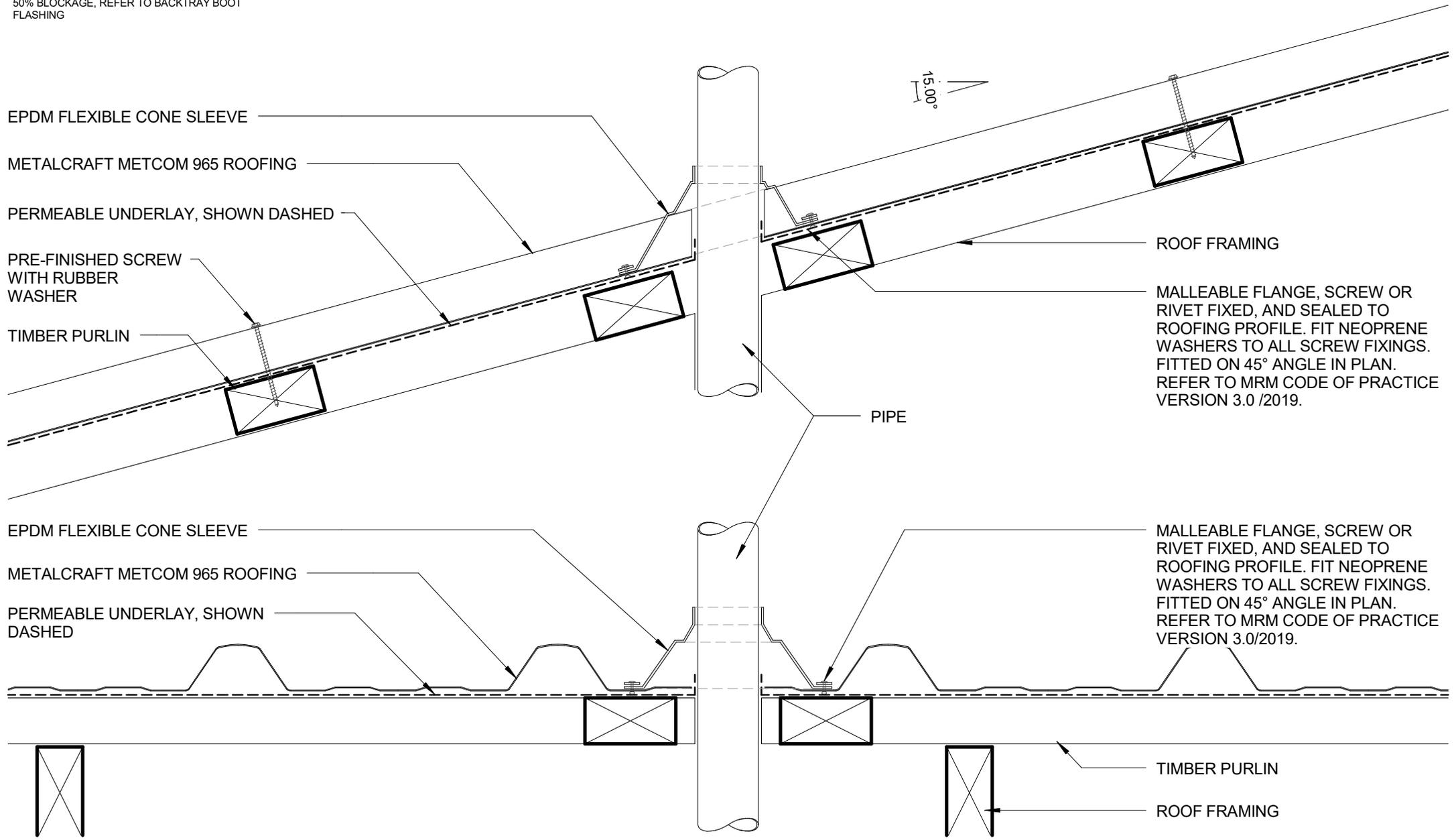
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
G	MIN. 35mm	MIN. 35mm	MIN. 35mm
N	MIN. 75mm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

ALTERNATIVE SOLUTION 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 (CORRUGATE)	TWO RIBS (<20 mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)



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

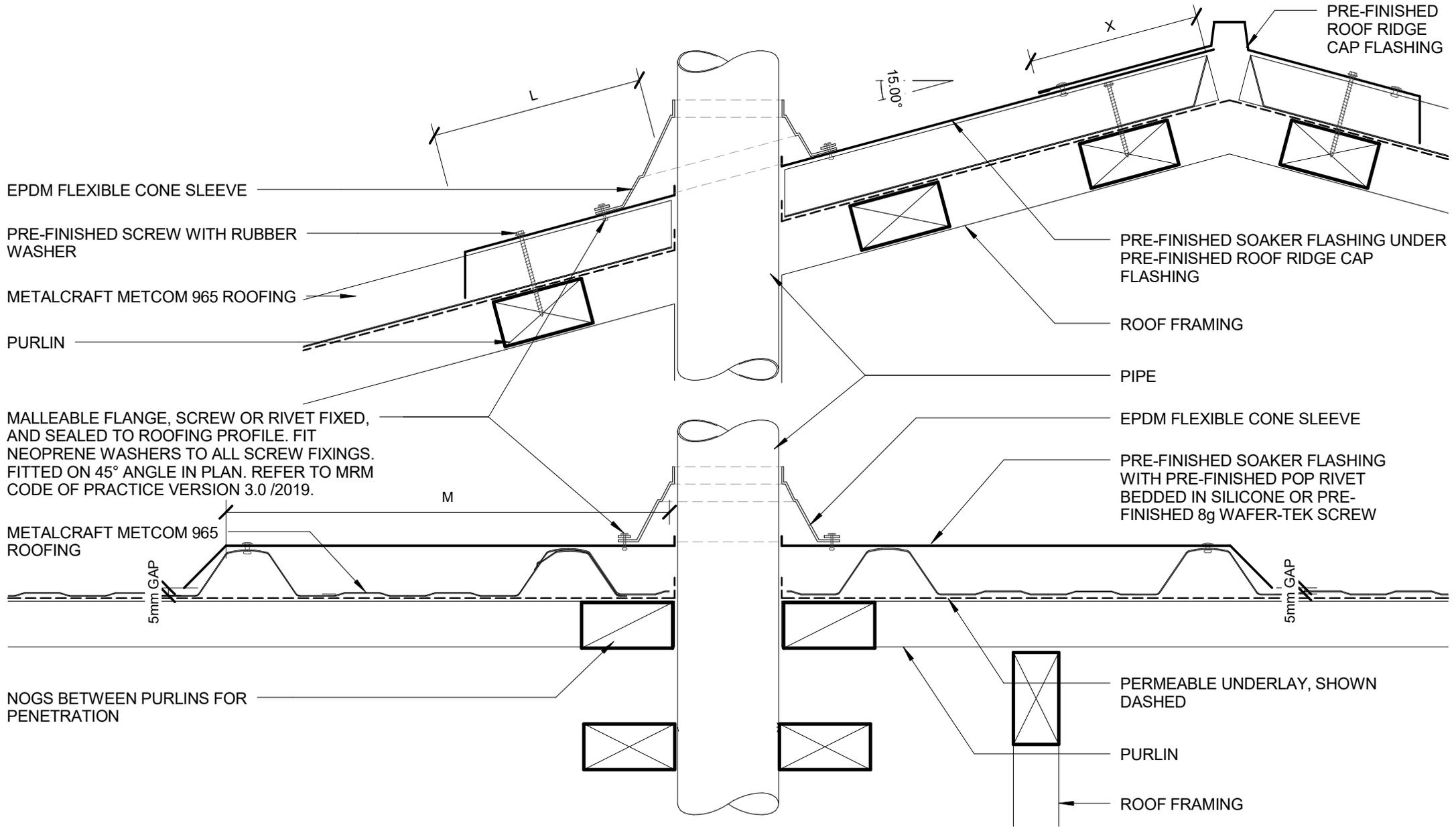


PIPE PENETRATION DIRECT FIXED BOOT FLASHING



DISCLAIMER:
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 Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

* MIN. 3° FOR PIPE PENETRATION WITH A BACKTRAY BOOT FLASHING MUST BE FIXED DIAGONALLY BELOW 10°. BACK TRAY BOOT FLASHING IS APPLICABLE FOR WHEN MORE THAN 50% BLOCKABLE OCCURS. WHEN LESS THAN 50% BLOCKABLE OCCURS, REFER TO DIRECT FIX BOOT FLASHING.



PIPE PENETRATION BACK TRAY BOOT FLASHING

Metalcraft
Roofing

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Metcom 965

Rev. 1.0

RESIDENTIAL ROOFING

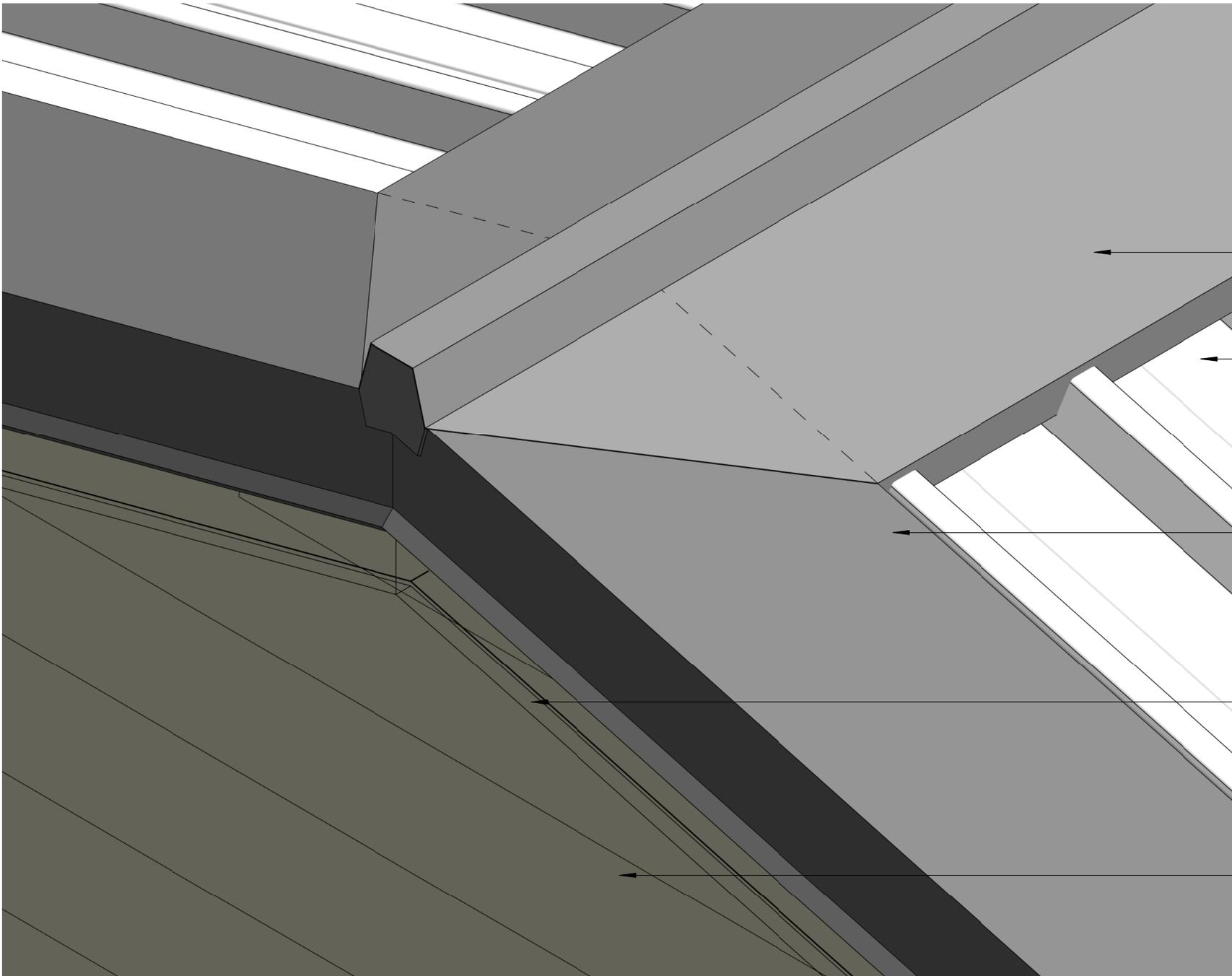
Reference RRMET965

Date 06/21/19

Scale 1 : 5

Sheet

A 22



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

PRE-FINISHED RIDGE CAP FLASHING

METALCRAFT ROOFING METCOM 965

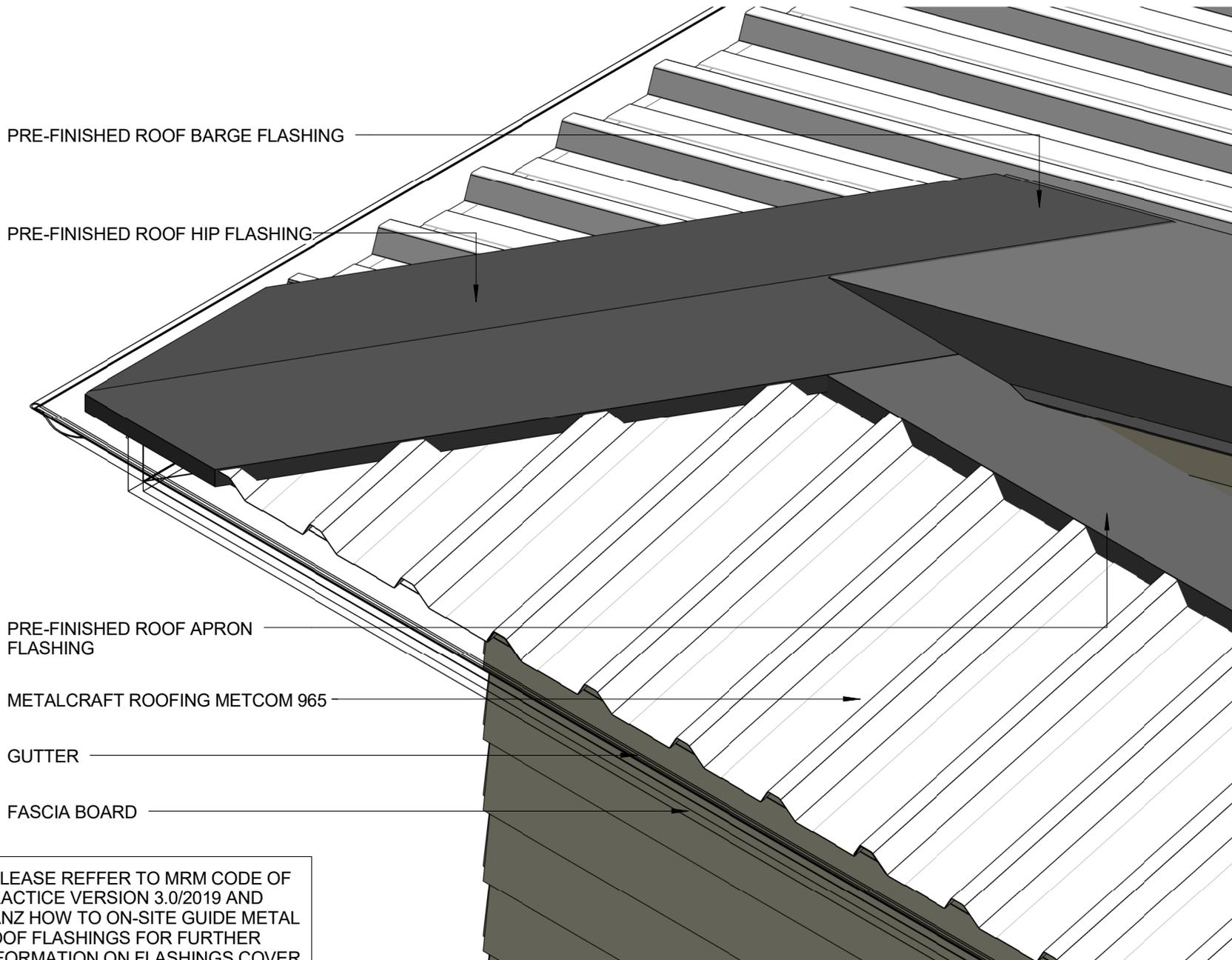
PRE-FINISHED BARGE FLASHING

FASCIA BOARD

WALL CLADDING ON CAVITY

3D RIDGE BARGE JUNCTION

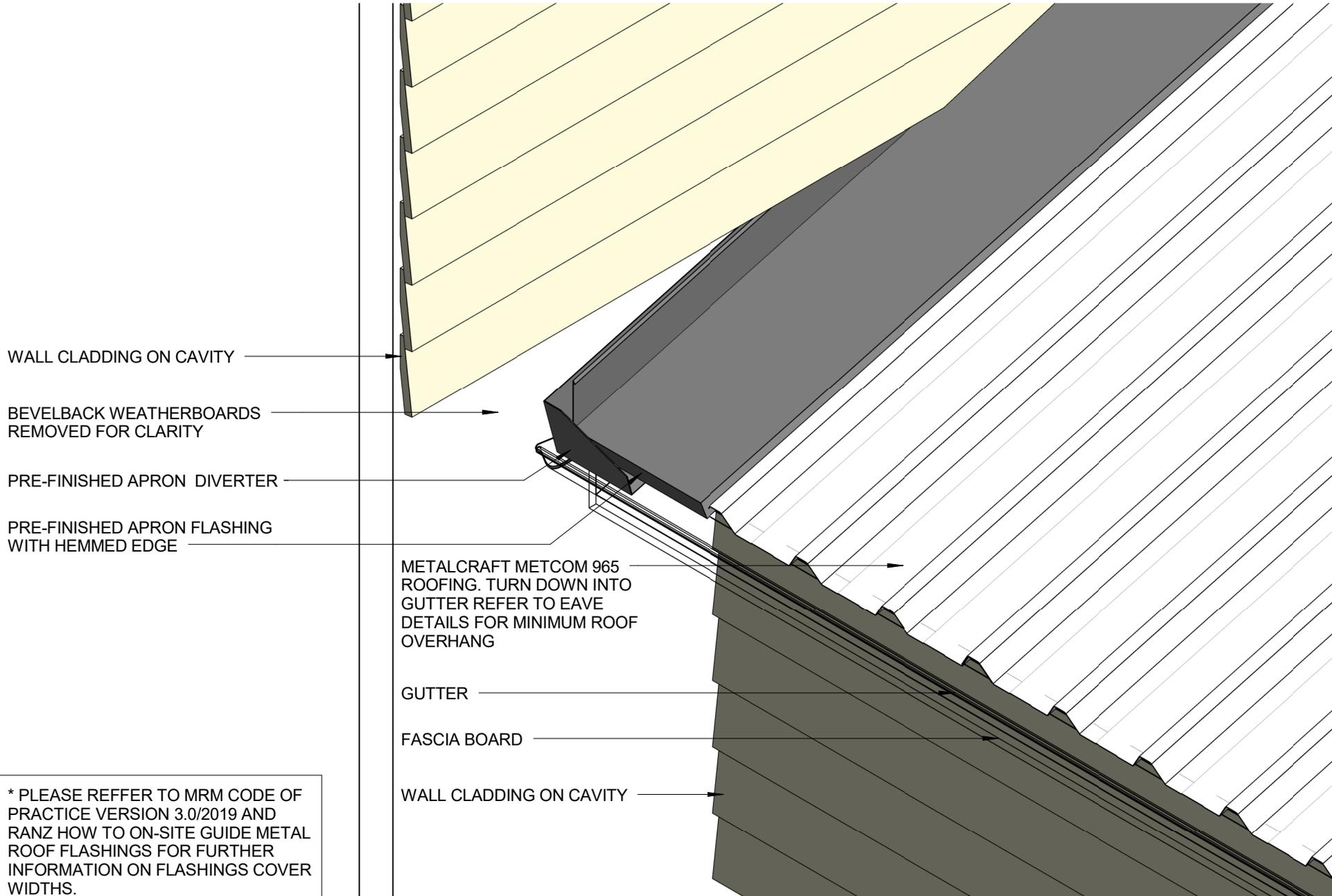
RESIDENTIAL ROOFING



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

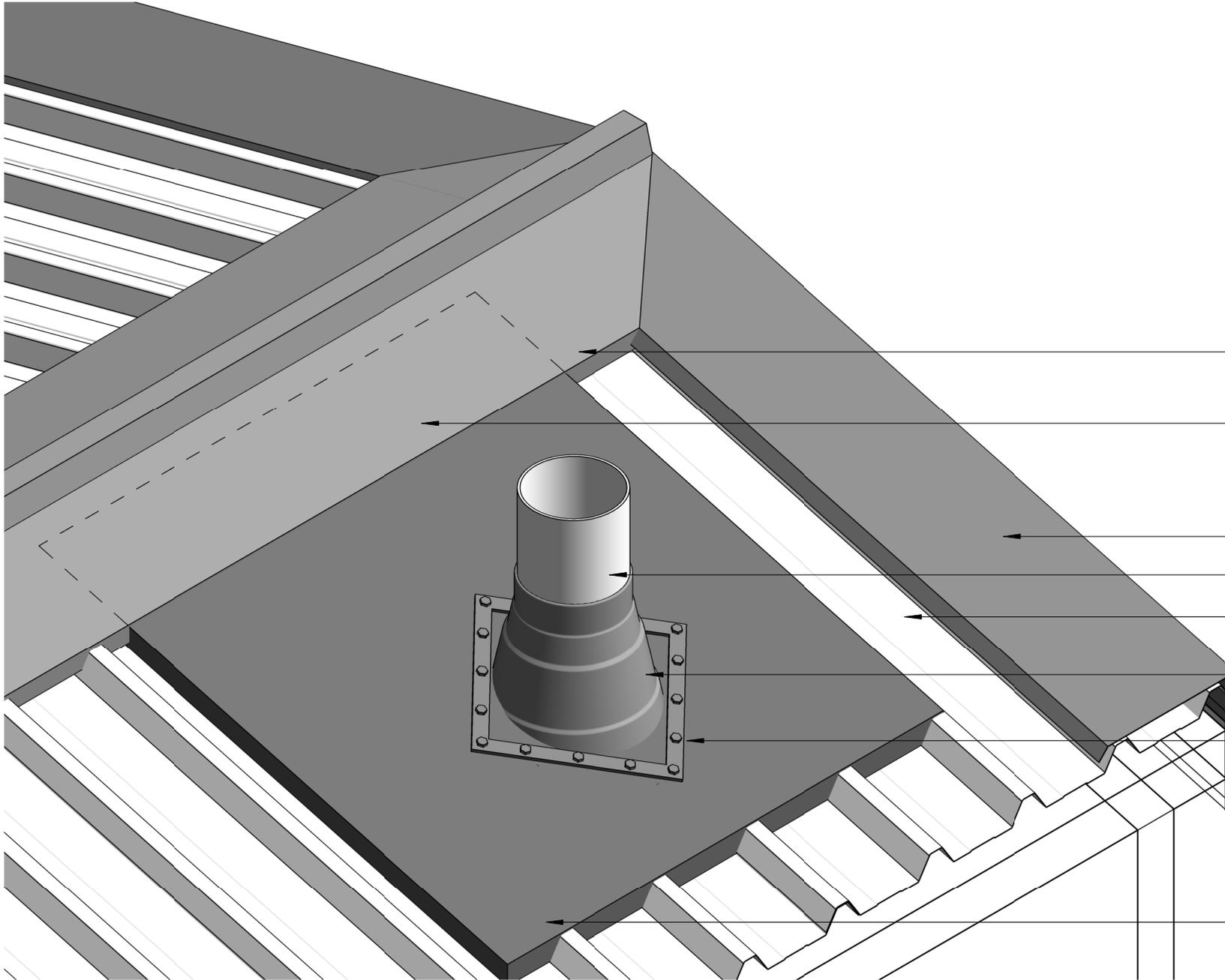
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3D DUTCH GABLE
 RESIDENTIAL ROOFING



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

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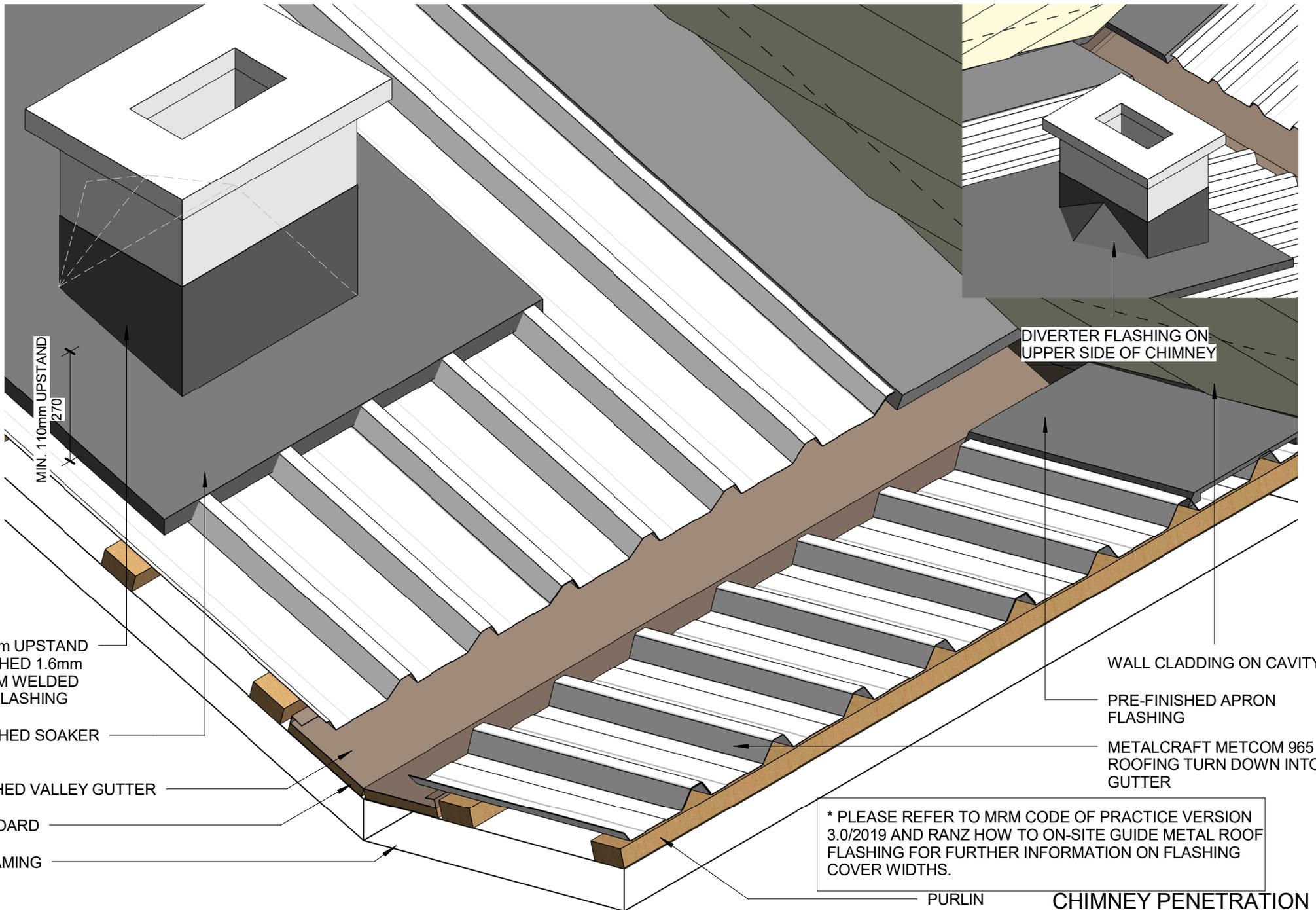


* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2019 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHING FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

- PRE-FINISHED ROOF RIDGE FLASHING
- PRE-FINISHED SOAKER FLASHING LINE UNDER PRE-FINISHED ROOF RIDGE FLASHING
- PRE-FINISHED ROOF BARGE FLASHING
- PIPE
- METALCRAFT METCOM 965 ROOFING
- EPDM 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
270

DIVERTER FLASHING ON
UPPER SIDE OF CHIMNEY

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

PRE-FINISHED SOAKER
FLASHING

PRE-FINISHED VALLEY GUTTER

VALLEY BOARD

ROOF FRAMING

WALL CLADDING ON CAVITY

PRE-FINISHED APRON
FLASHING

METALCRAFT METCOM 965
ROOFING TURN DOWN INTO
GUTTER

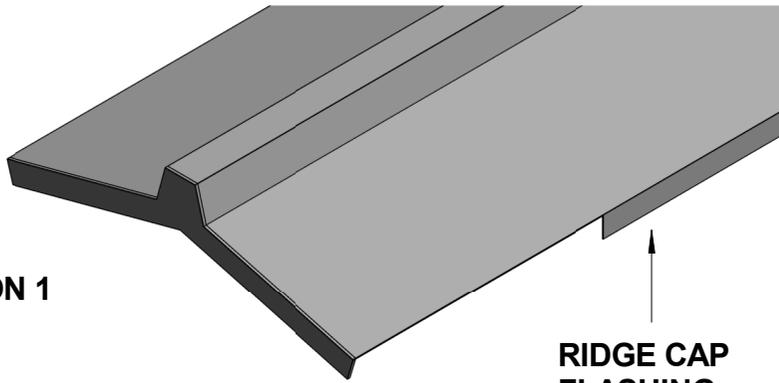
* PLEASE REFER TO MRM CODE OF PRACTICE VERSION
3.0/2019 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF
FLASHING FOR FURTHER INFORMATION ON FLASHING
COVER WIDTHS.

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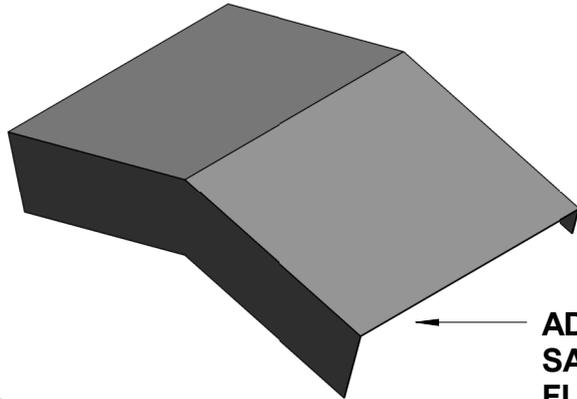
CHIMNEY PENETRATION

RESIDENTIAL ROOFING

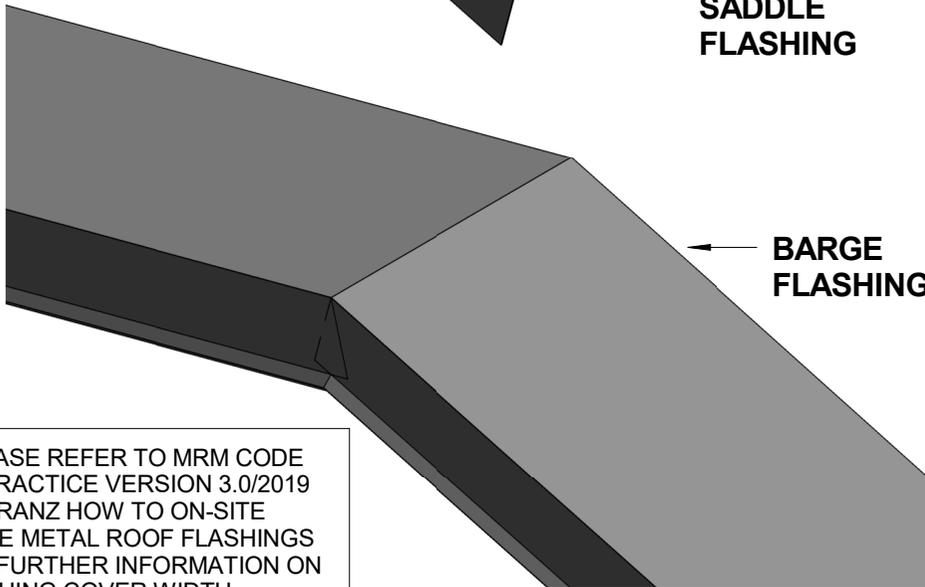
OPTION 1



RIDGE CAP FLASHING

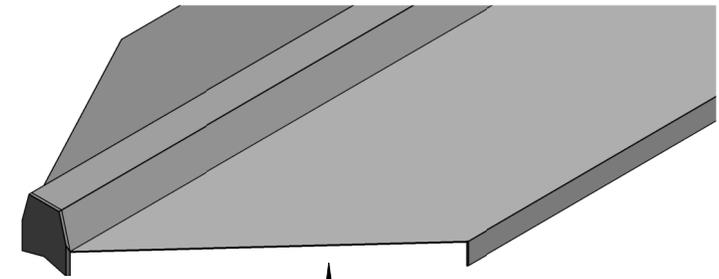


ADDITIONAL SADDLE FLASHING

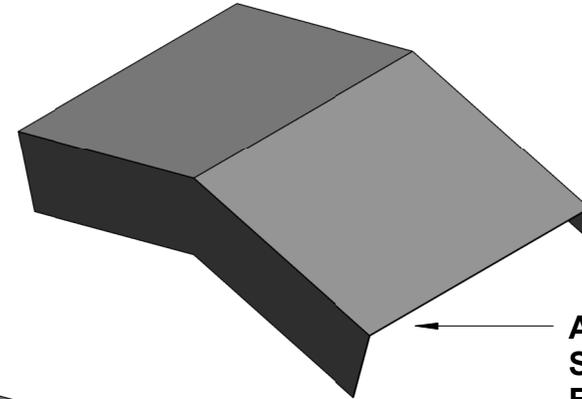


BARGE FLASHING

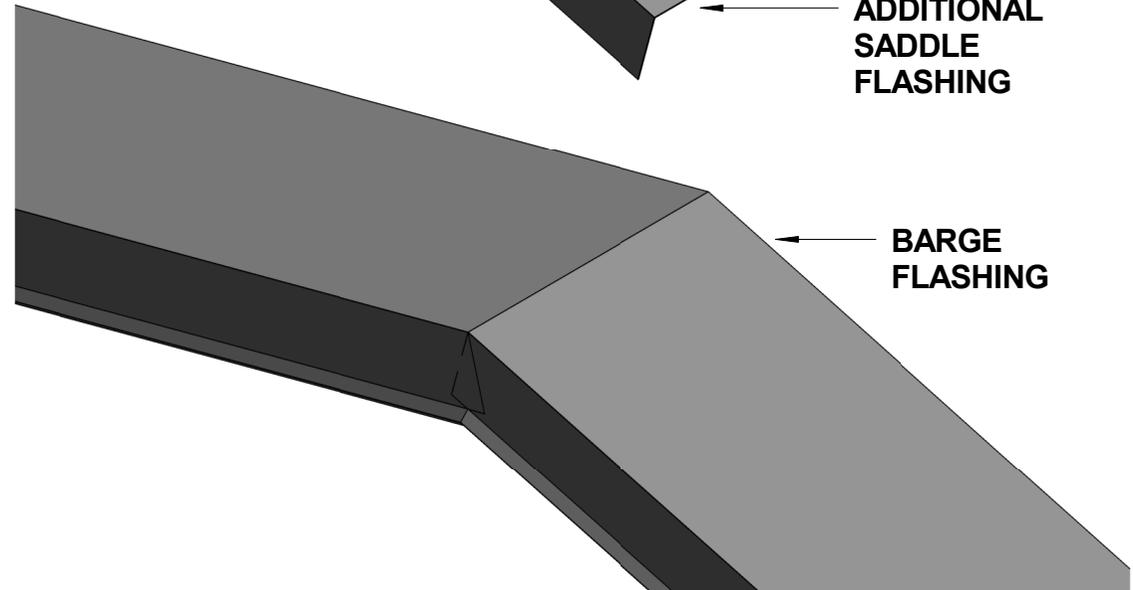
OPTION 2



RIDGE CAP FLASHING



ADDITIONAL SADDLE FLASHING



BARGE FLASHING

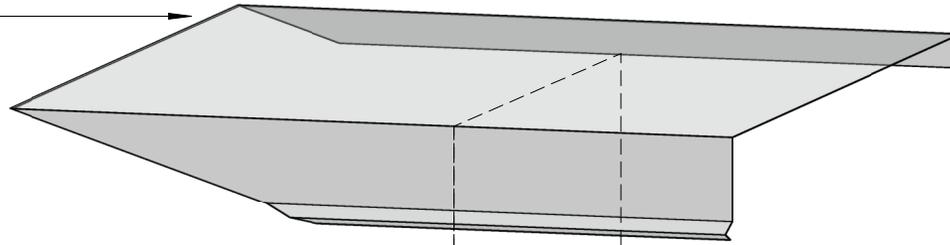
*PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2019 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTH

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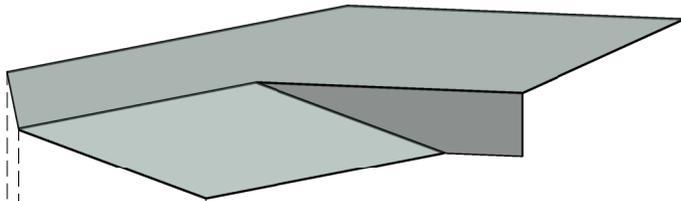
RIDGE/BARGE FLASHINGS

RESIDENTIAL ROOFING

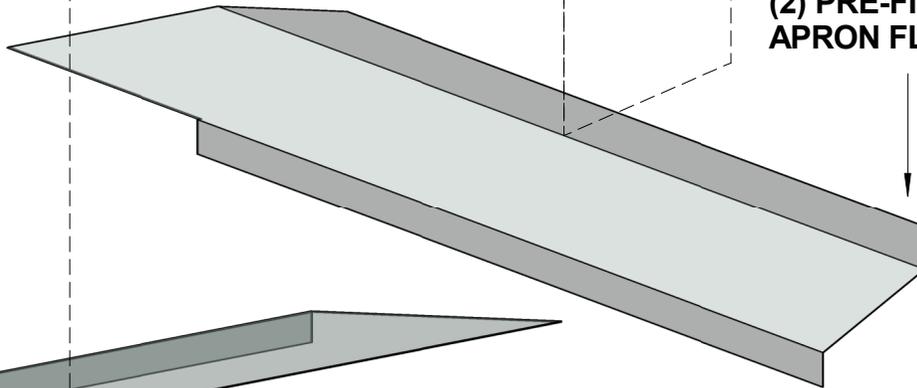
**(4) PRE-FINISHED
BARGE FLASHING**



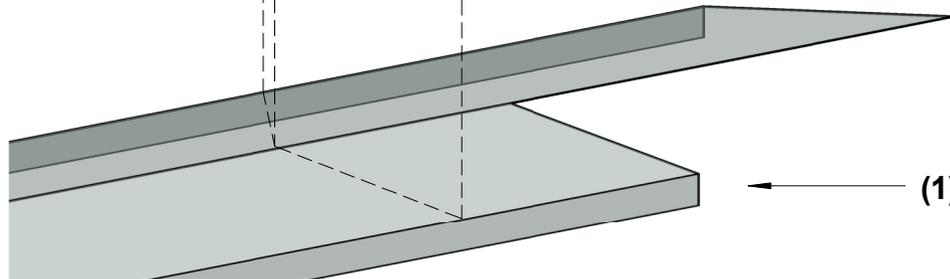
**(3) PRE-FINISHED 3D
SADDLE FLASHING**



**(2) PRE-FINISHED
APRON FLASHING**



(1) PRE-FINISHED HIP FLASHING



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

