

Aspire Span

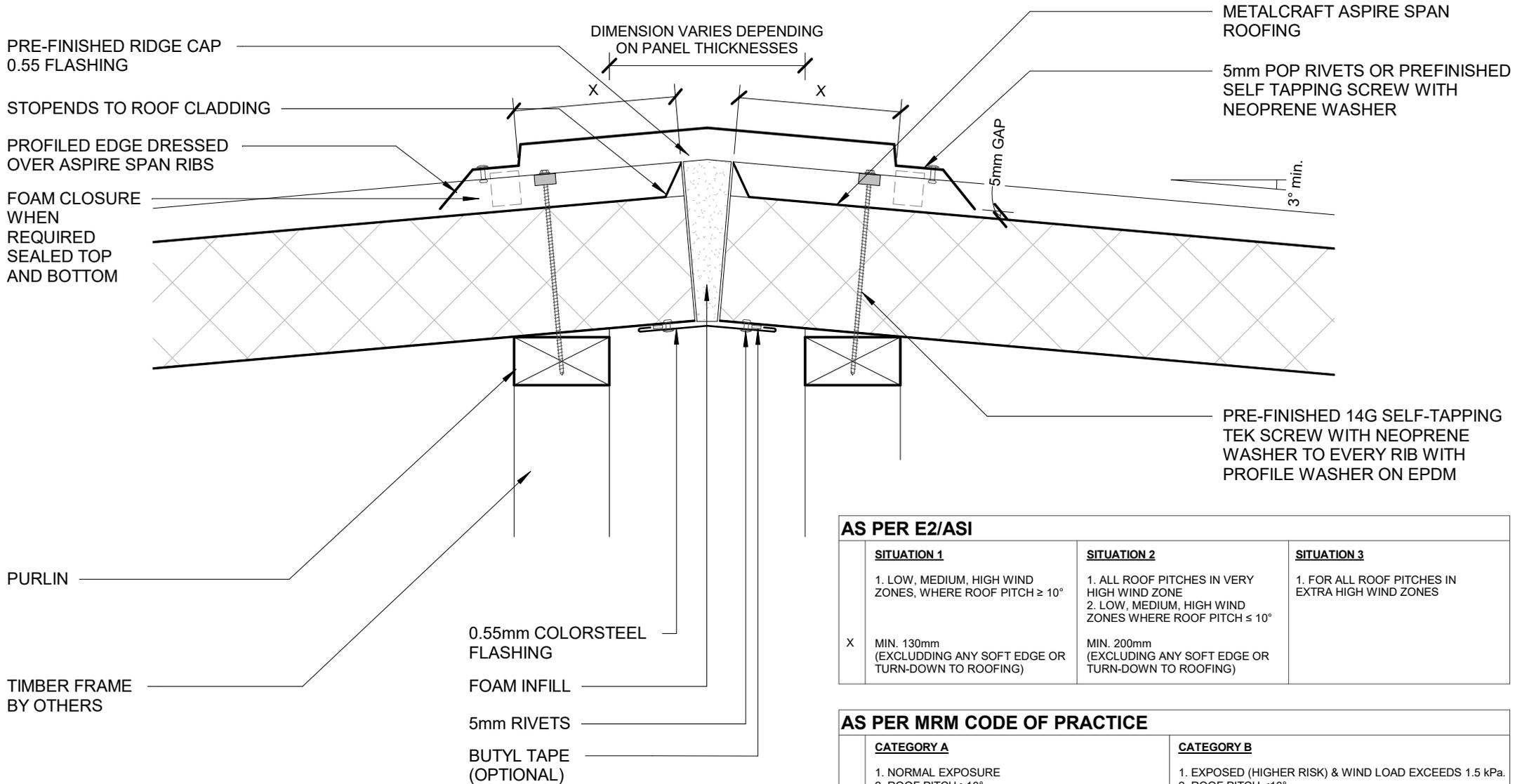
RESIDENTIAL ROOFING

DETAIL LIST

	<u>Revision</u>	<u>Date</u>
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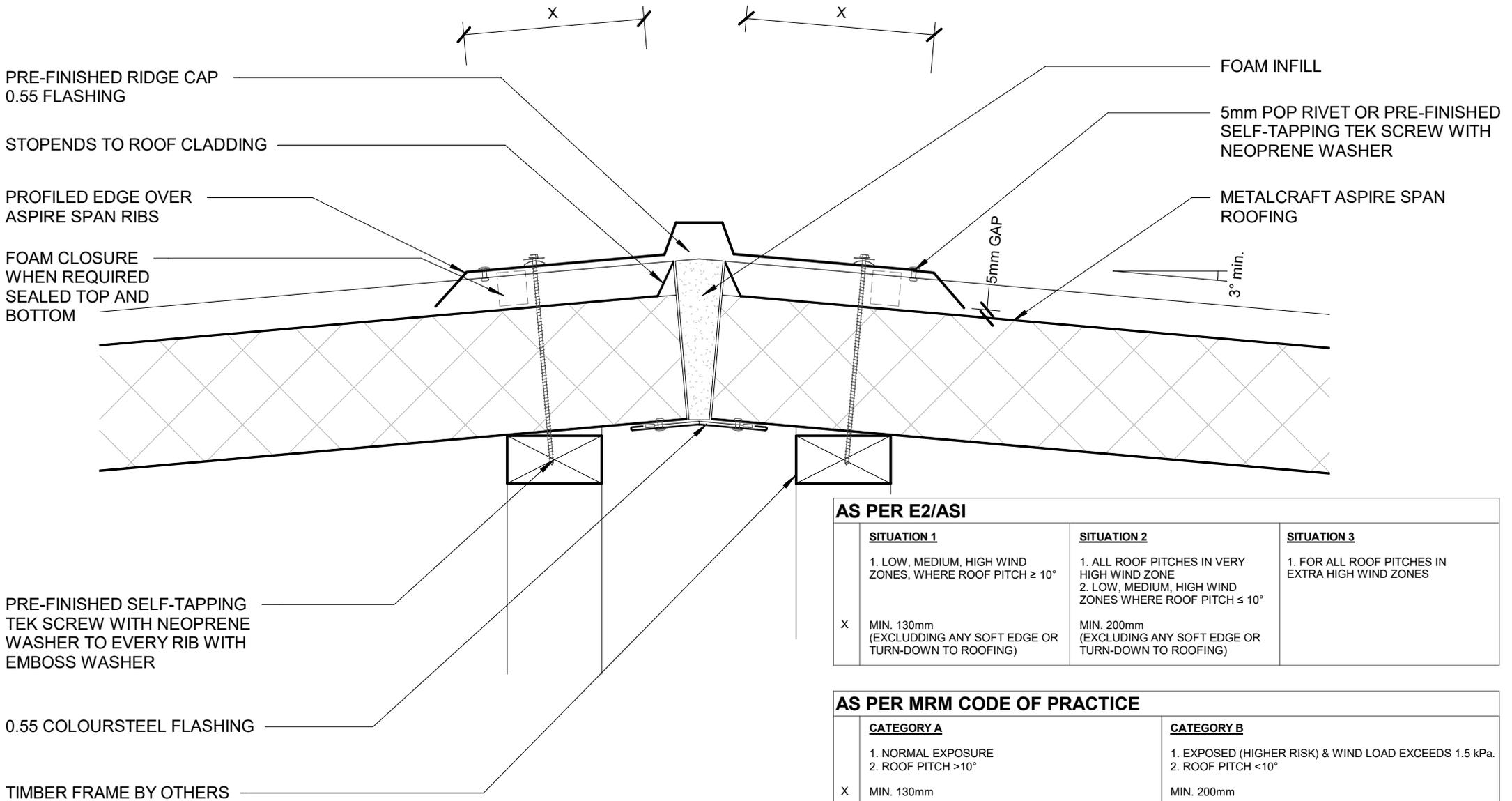
DETAIL LIST

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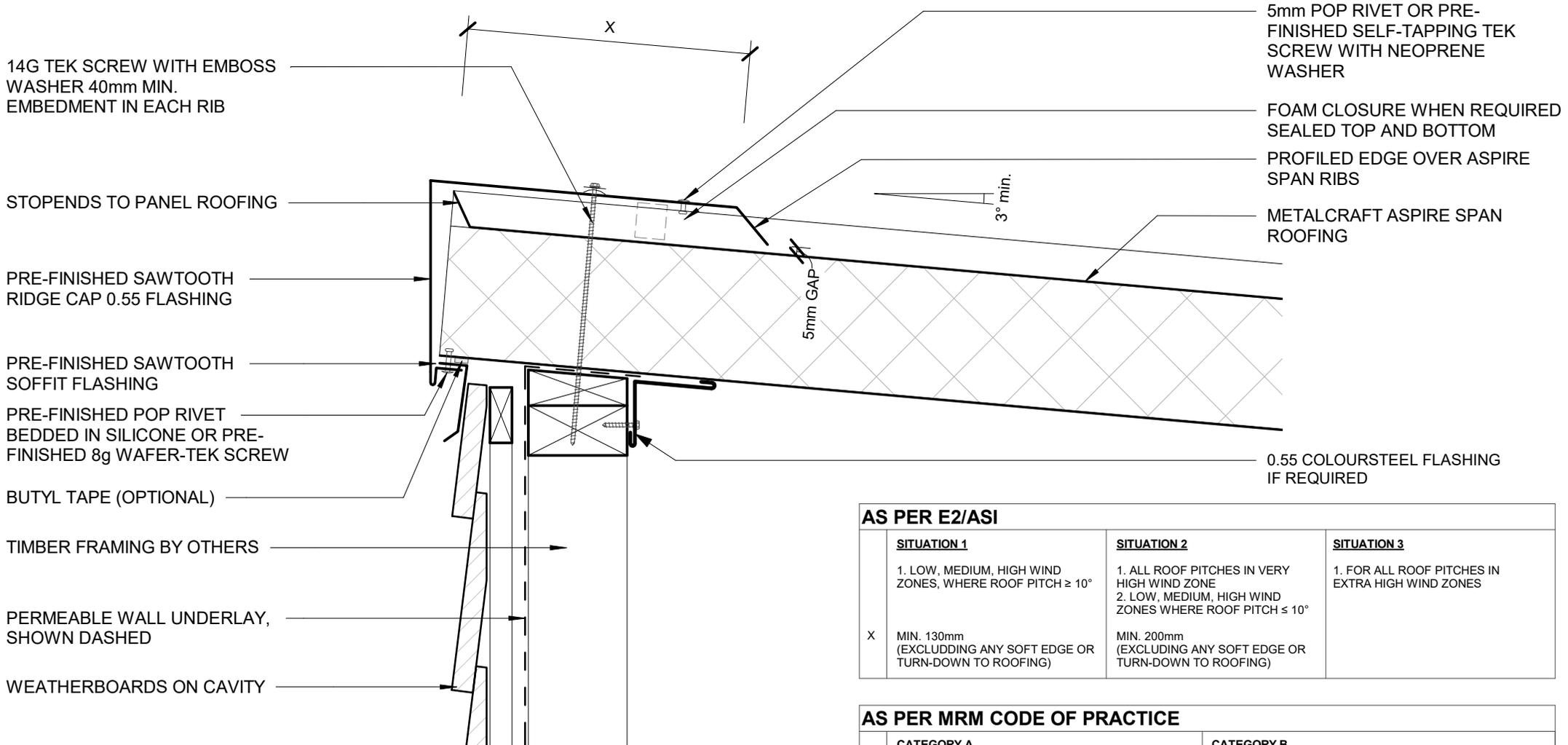
AS PER E2/ASI		
SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X MIN. 130mm (EXCLUDING ANY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

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



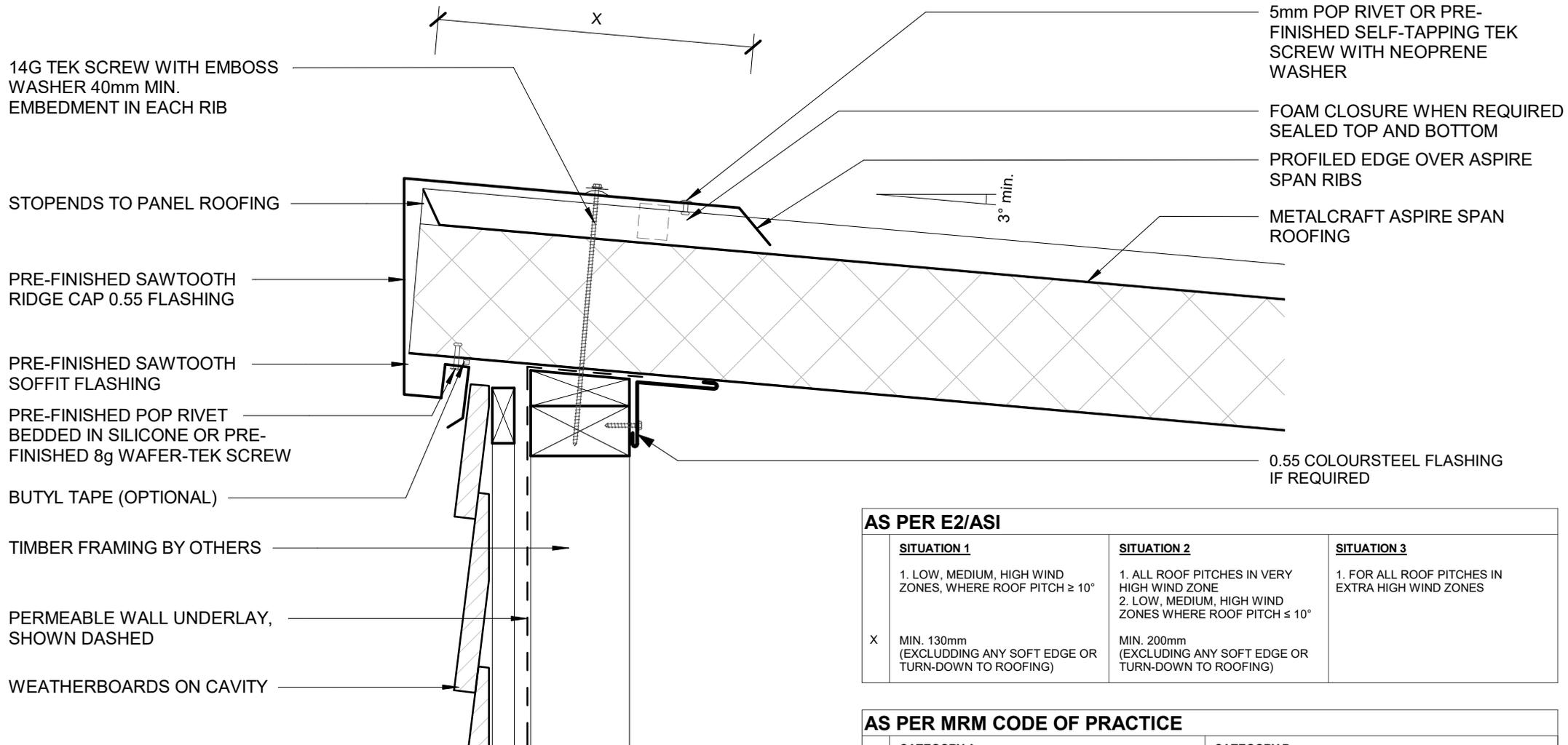
AS PER E2/ASI		
SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X MIN. 130mm (EXCLUDING ANY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

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



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. 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)	

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



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. 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)	

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

PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER TO EVERY RIB WITH PROFILE WASHER ON EPDM

METALCRAFT ASPIRE SPAN ROOFING

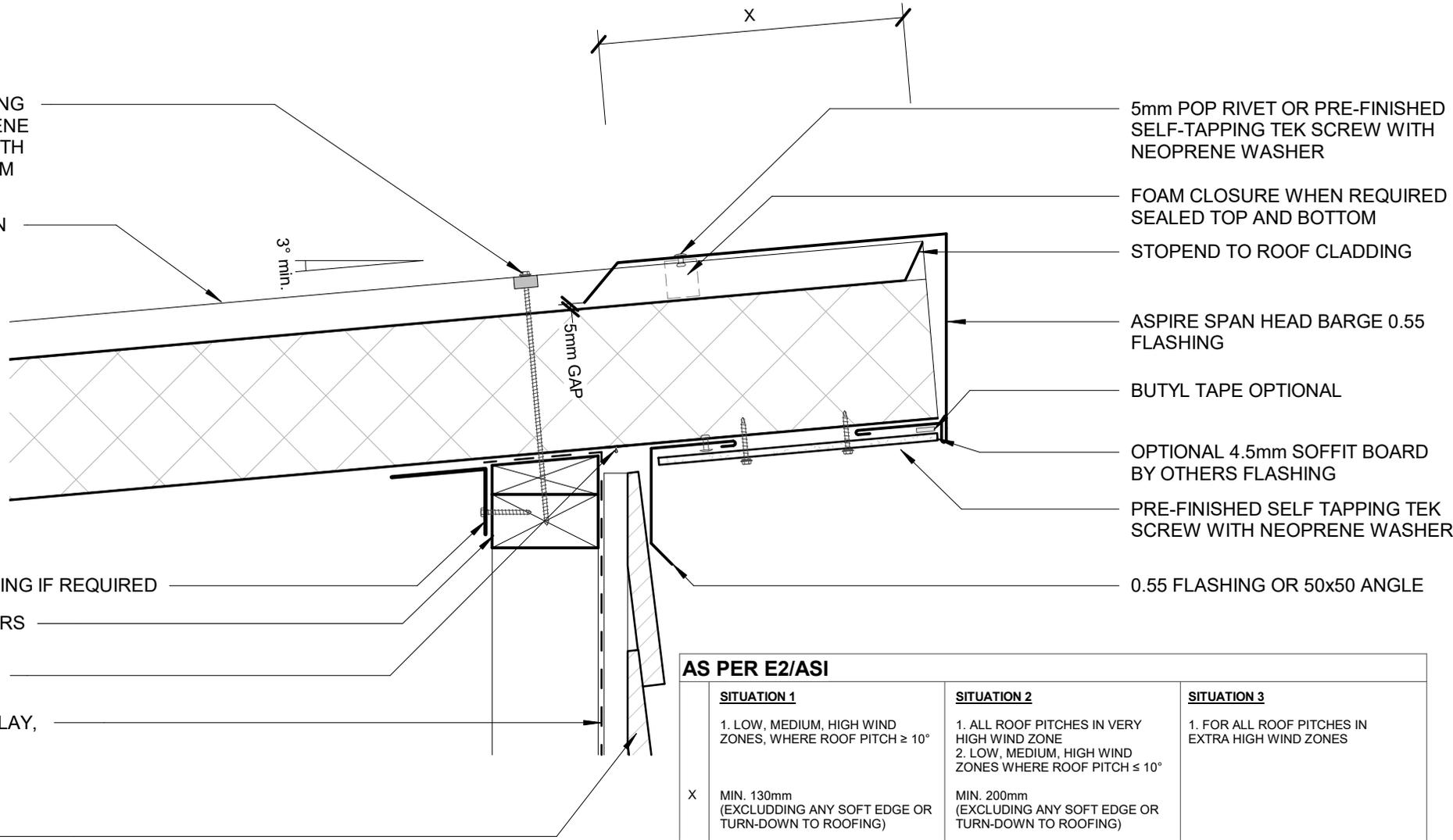
0.55 COLOURSTEEL FLASHING IF REQUIRED

TIMBER FRAMING BY OTHERS

THERMAL CUT STEEL SKIN

PERMEABLE WALL UNDERLAY, SHOWN DASHED

WEATHERBOARD



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. 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)	

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

SAW TOOTH SOFFIT DETAIL 01
RESIDENTIAL ROOFING

Aspire Span

Rev. 1.1

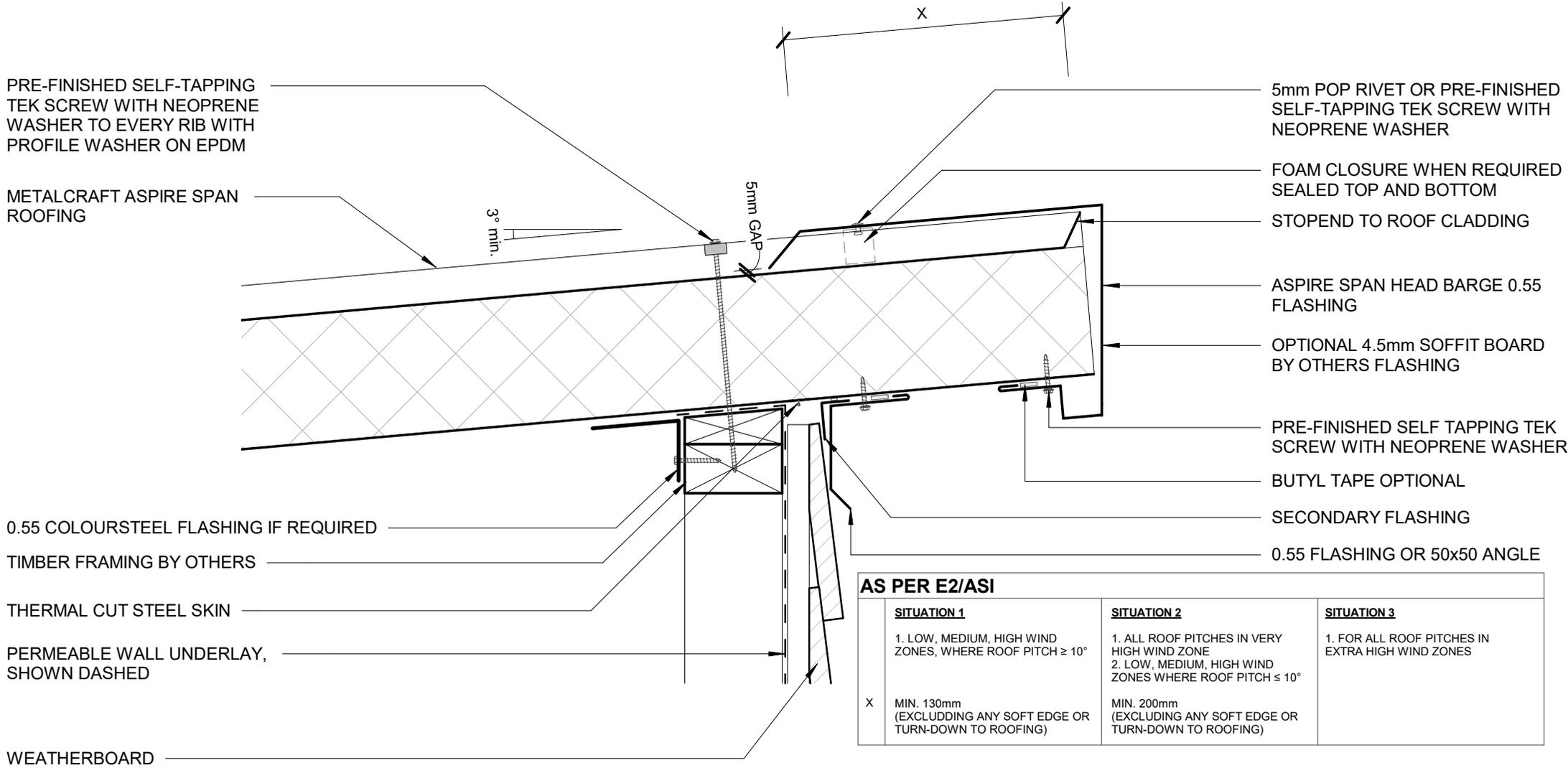
Reference RRAPS

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PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER TO EVERY RIB WITH PROFILE WASHER ON EPDM

METALCRAFT ASPIRE SPAN ROOFING

3° min.

5mm GAP

X

5mm POP RIVET OR PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER

FOAM CLOSURE WHEN REQUIRED SEALED TOP AND BOTTOM

STOPEND TO ROOF CLADDING

ASPIRE SPAN HEAD BARGE 0.55 FLASHING

OPTIONAL 4.5mm SOFFIT BOARD BY OTHERS FLASHING

PRE-FINISHED SELF TAPPING TEK SCREW WITH NEOPRENE WASHER

BUTYL TAPE OPTIONAL

SECONDARY FLASHING

0.55 FLASHING OR 50x50 ANGLE

0.55 COLOURSTEEL FLASHING IF REQUIRED

TIMBER FRAMING BY OTHERS

THERMAL CUT STEEL SKIN

PERMEABLE WALL UNDERLAY, SHOWN DASHED

WEATHERBOARD

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. 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)	

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

SAW TOOTH SOFFIT DETAIL 02
Aspire Span RESIDENTIAL ROOFING

Rev. 1.0

Reference RRAPS

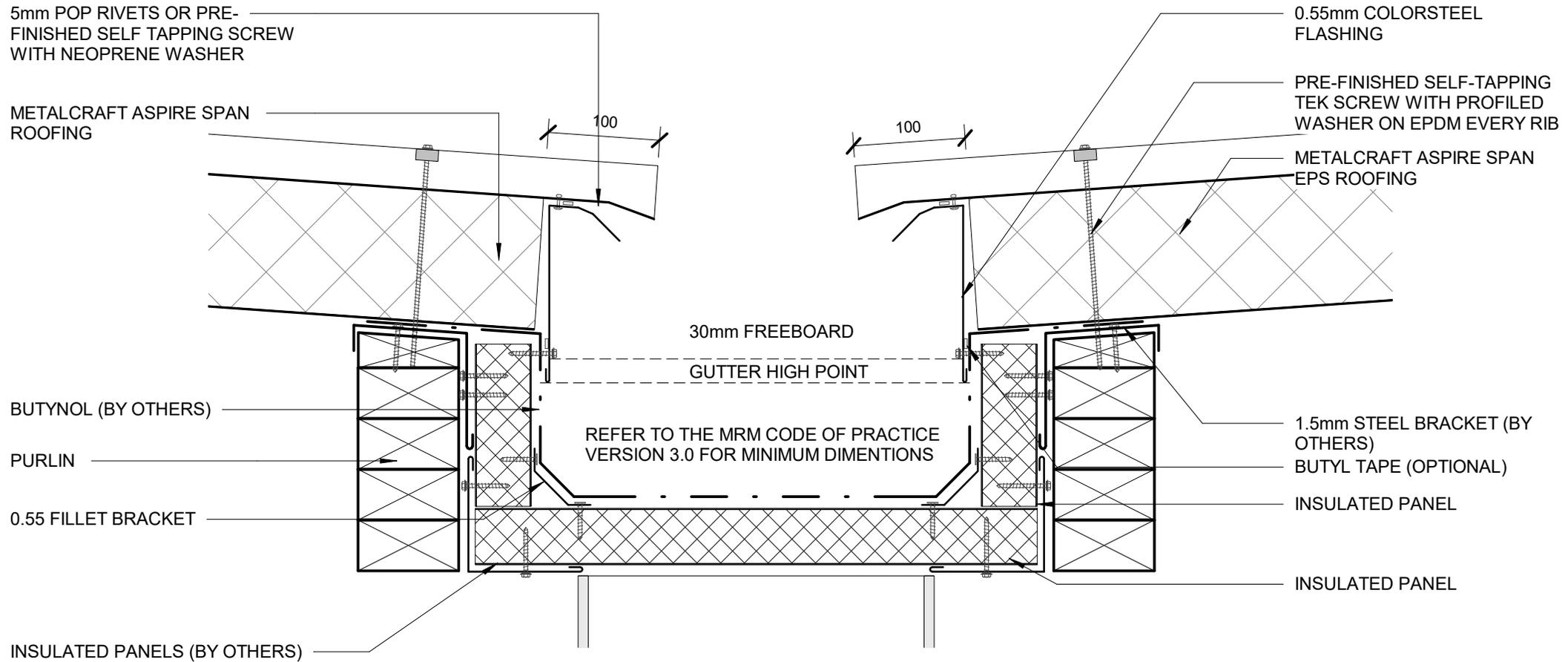
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* ROOF PITCH FOR VALLEYS AS PER E2.



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

14G TEK SCREW WITH
NEOPRENE PROFILED
WASHER 40mm MIN.
EMBEDMENT IN EACH RIB

METALCRAFT ASPIRE SPAN
ROOFING

PREFINISHED 0.55 VALLEY GUTTER

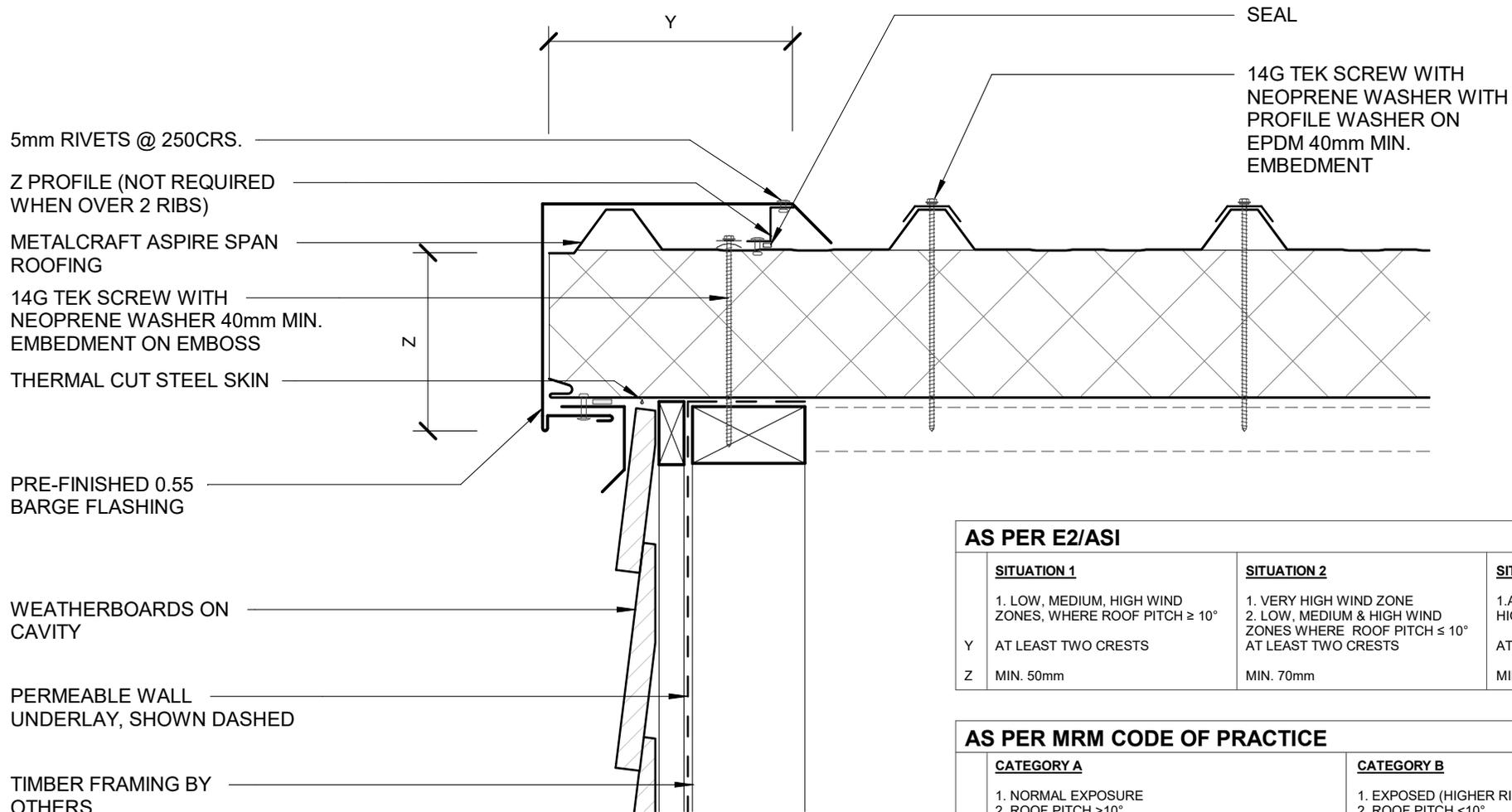
PURLIN

TIMBER BEAM
STRUCTURE BY OTHERS

REFER TO THE MRM CODE OF PRACTICE
VERSION 3.0 FOR MINIMUM DIMENTIONS

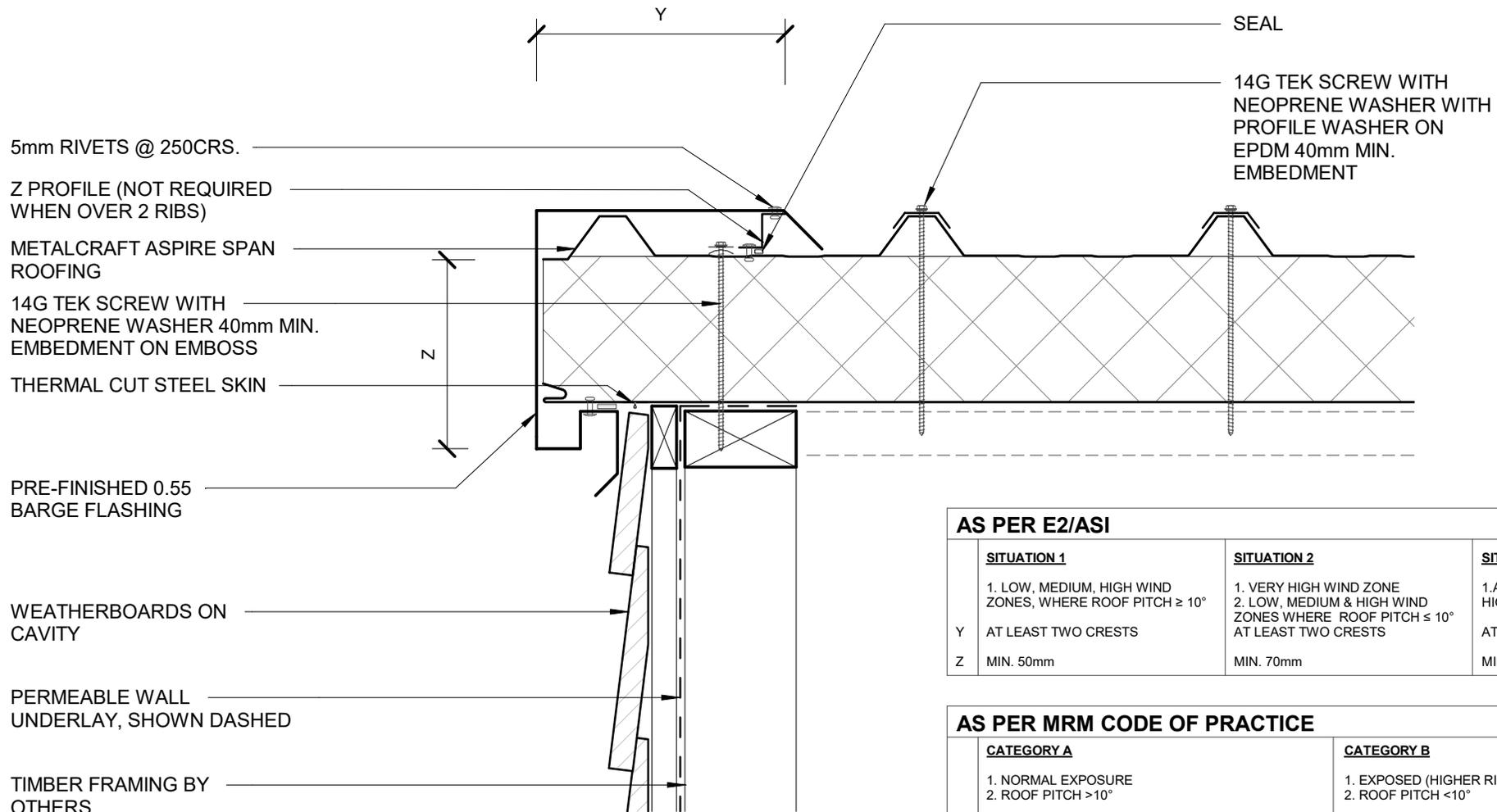
MIN. 100mm

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



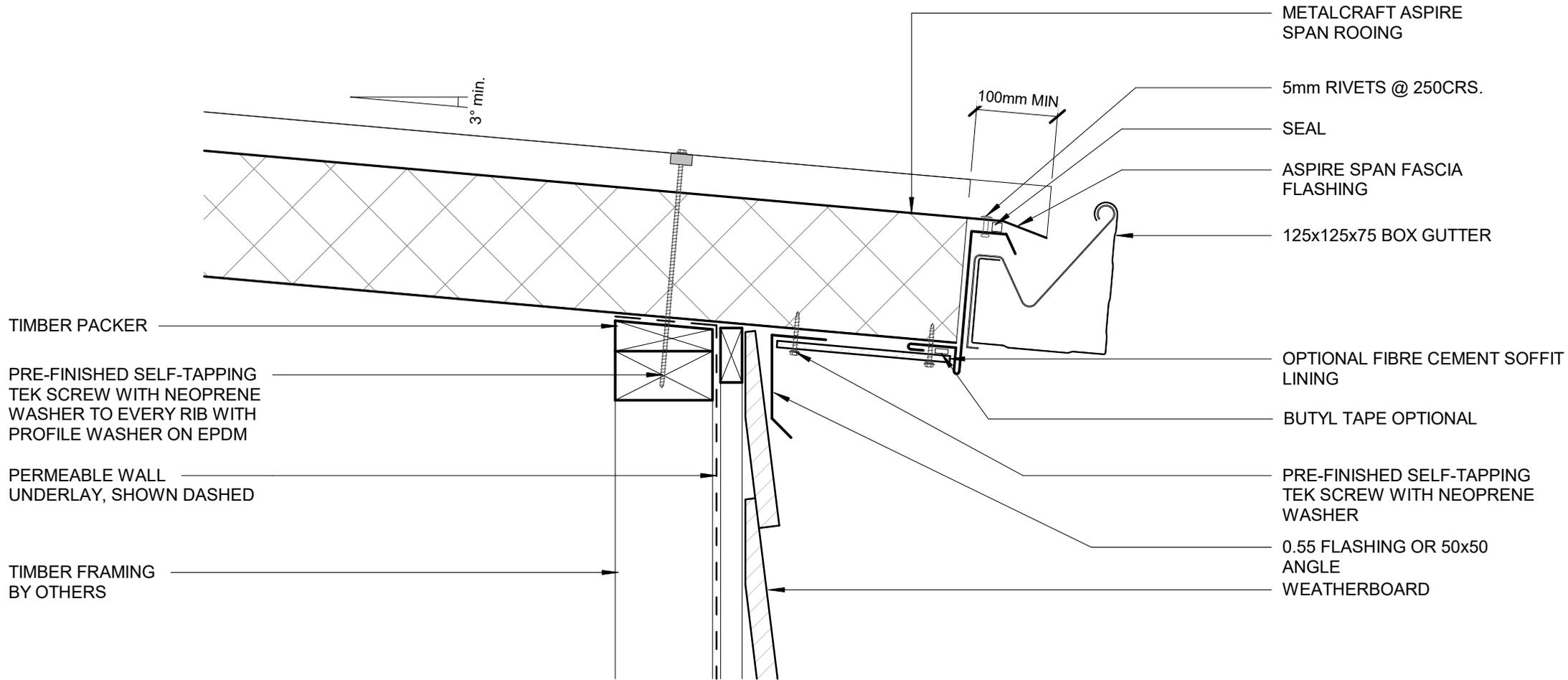
AS PER E2/ASI			
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
Y	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST 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 $< 10^\circ$
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)



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
Y 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 $<10^\circ$
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)



GUTTER DETAIL 01
RESIDENTIAL ROOFING

Aspire Span

Rev. 1.0

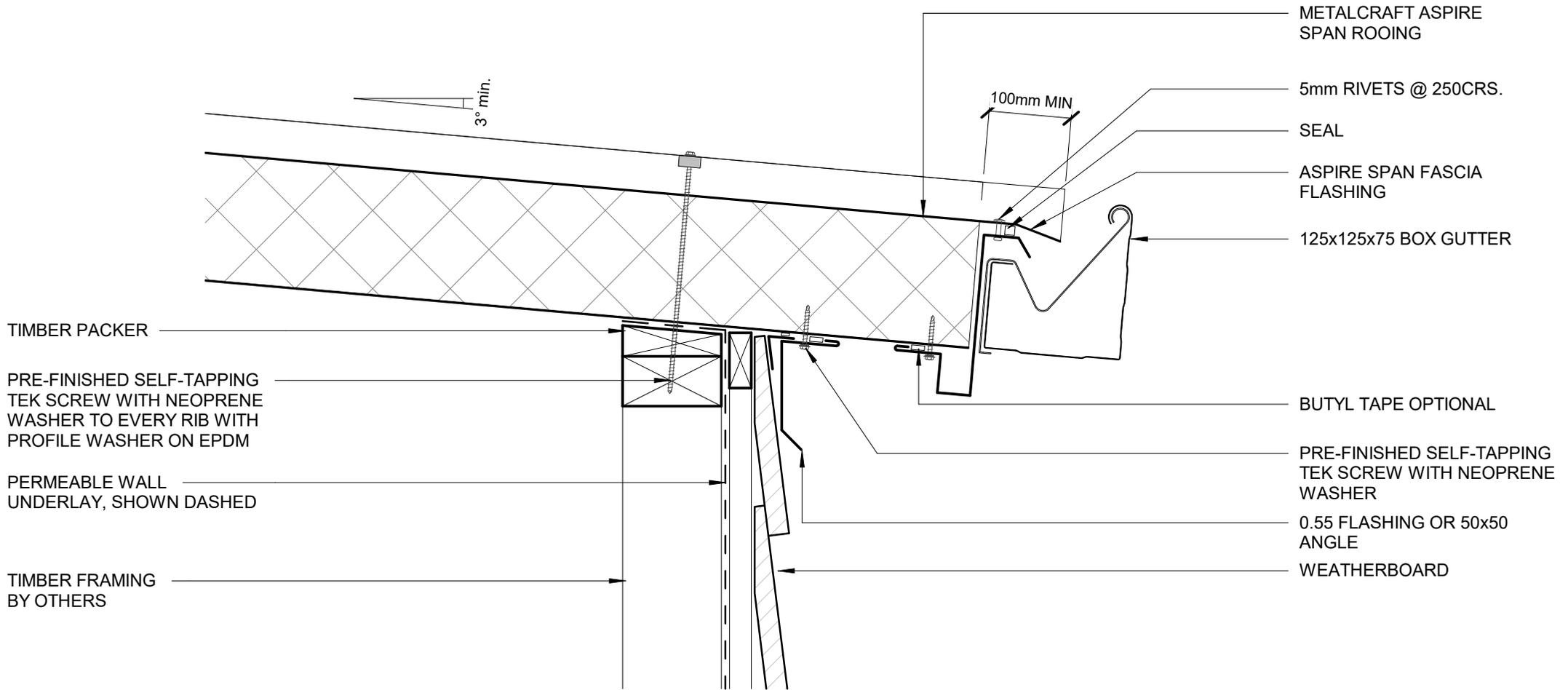
Reference RRAPS

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GUTTER DETAIL 02
RESIDENTIAL ROOFING

Aspire Span

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Reference RRAPS

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PRE-FINISHED SELF-TAPPING TEK
SCREW WITH NEOPRENE WASHER TO
EVERY RIB WITH PROFILE WASHER ON
EPDM

0.55 Z PROFILE FLASHING (NOT
REQUIRED WHEN SPANNING 2 RIBS)

SEAL

METALCRAFT ASPIRE SPAN ROOFING

ASPIRE SPAN HEAD 0.55 BARGE
FLASHING

THERMAL CUT STEEL SKIN

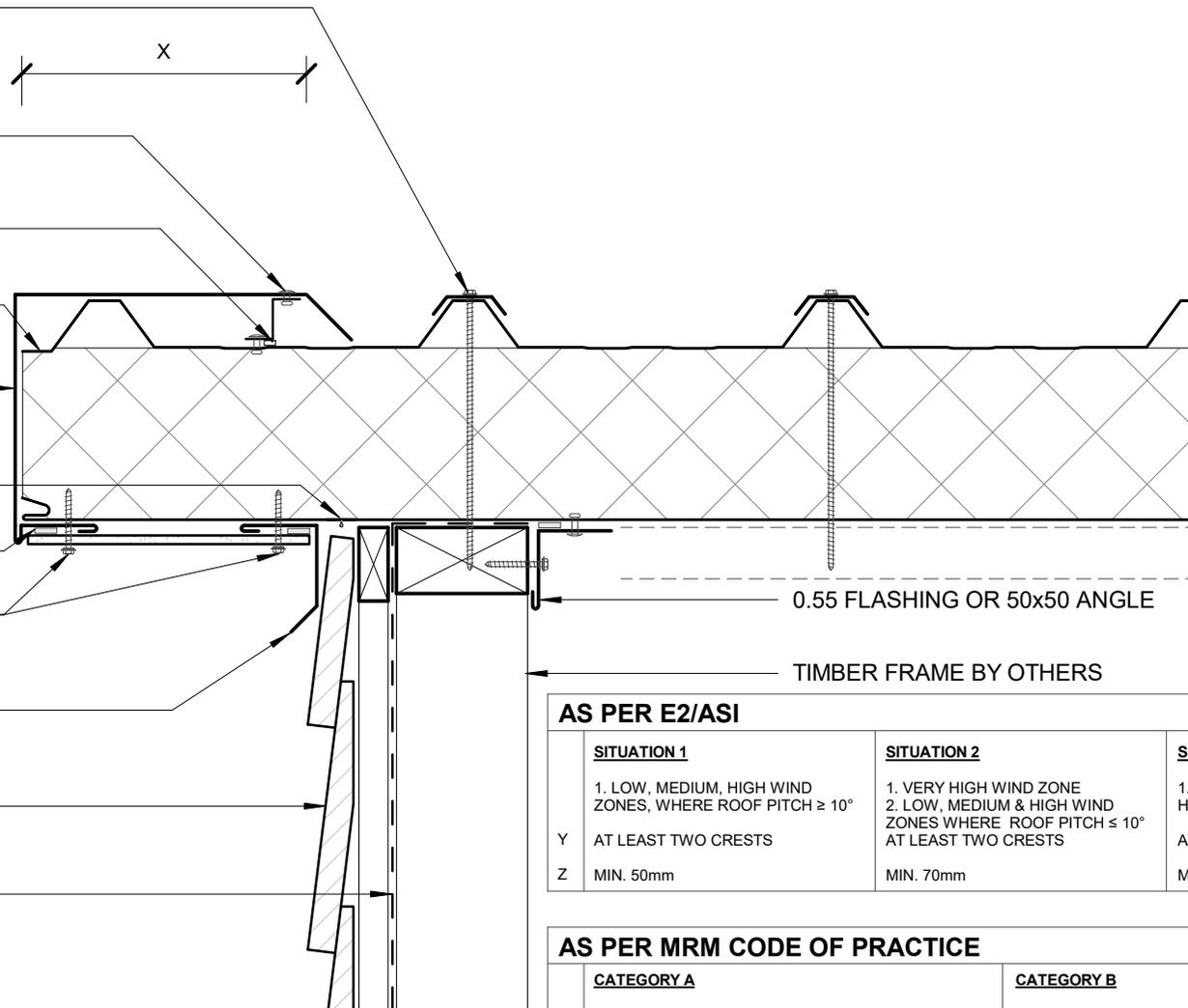
BUTYL TAPE (OPTIONAL)

14G SELF TAPPING TEK SCREW WITH
NEOPRENE WASHER

0.55 FLASHING OR 50x50 ANGLE

WEATHERBOARDS ON CAVITY

PERMEABLE WALL UNDERLAY,
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 & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
Y	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

	<u>CATEGORY A</u>	<u>CATEGORY B</u>
	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)

PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER TO EVERY RIB WITH PROFILE WASHER ON EPDM

0.55 Z PROFILE FLASHING (NOT REQUIRED WHEN SPANNING 2 RIBS)

SEAL

METALCRAFT ASPIRE SPAN ROOFING

ASPIRE SPAN HEAD 0.55 BARGE FLASHING

THERMAL CUT STEEL SKIN

BUTYL TAPE (OPTIONAL)

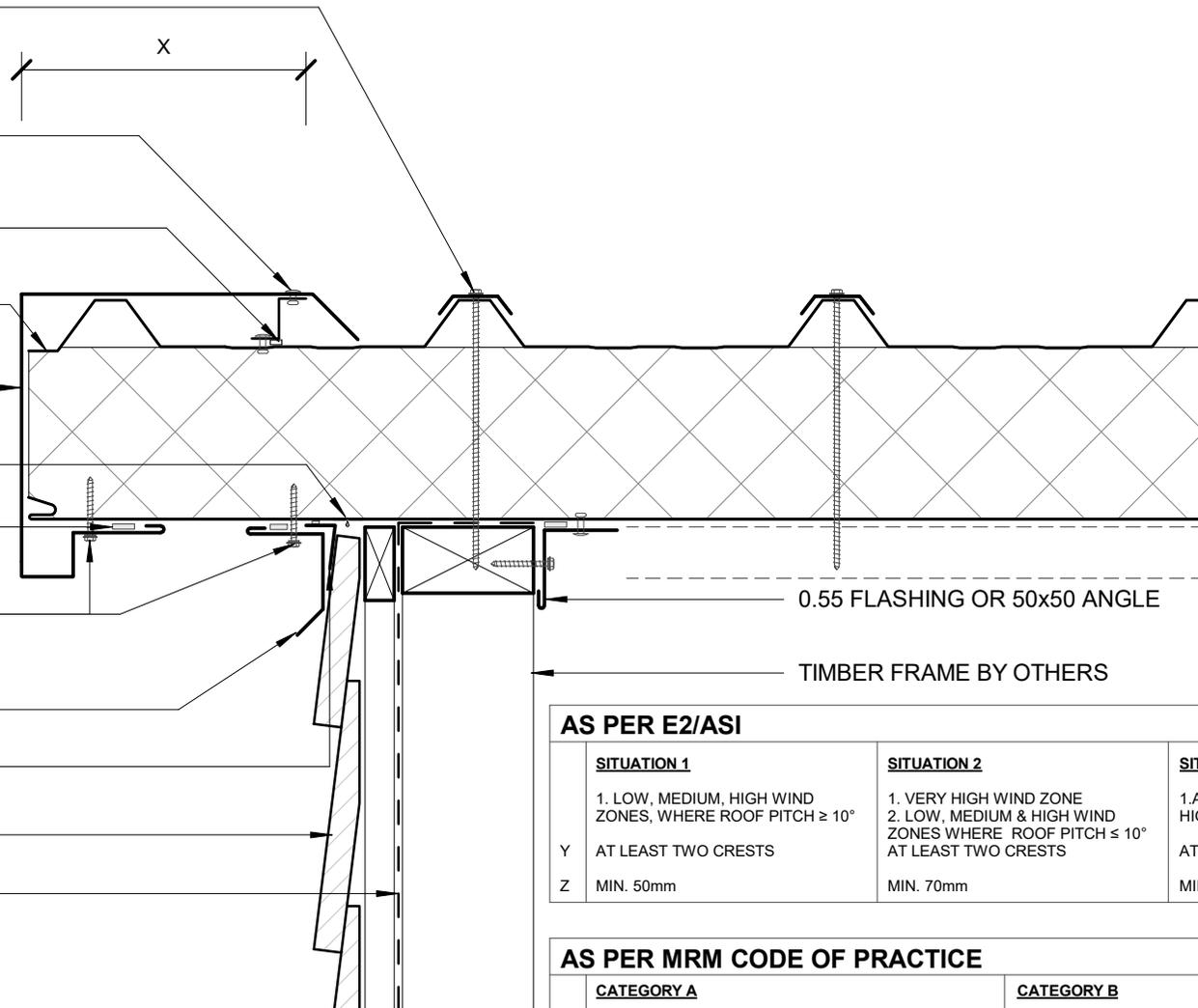
14G SELF TAPPING TEK SCREW WITH NEOPRENE WASHER

0.55 FLASHING OR 50x50 ANGLE

SECONDARY FLASHING

WEATHERBOARDS ON CAVITY

PERMEABLE WALL UNDERLAY, SHOWN DASHED



0.55 FLASHING OR 50x50 ANGLE

TIMBER FRAME BY OTHERS

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
Y	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 $< 10^\circ$
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)

CANTILEVER BARGE CAPPING DETAIL 02

Aspire Span

Rev. 1.1

RESIDENTIAL ROOFING

Reference RRAPS

Date 22.06.2023

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PERMEABLE WALL UNDERLAY TO PROVIDE SEPARATION OF METAL CAPPING AND TIMBER, SHOWN DASHED

CONTINUOUS TIMBER PACKING

PRE-FINISHED 0.55 PARAPET CAP FLASHING

TIMBER PACKER

PRE-FINISHED SELF TAPPING WAFER-TEK SCREW WITH NEOPRENE WASHER

BARGE BOARD

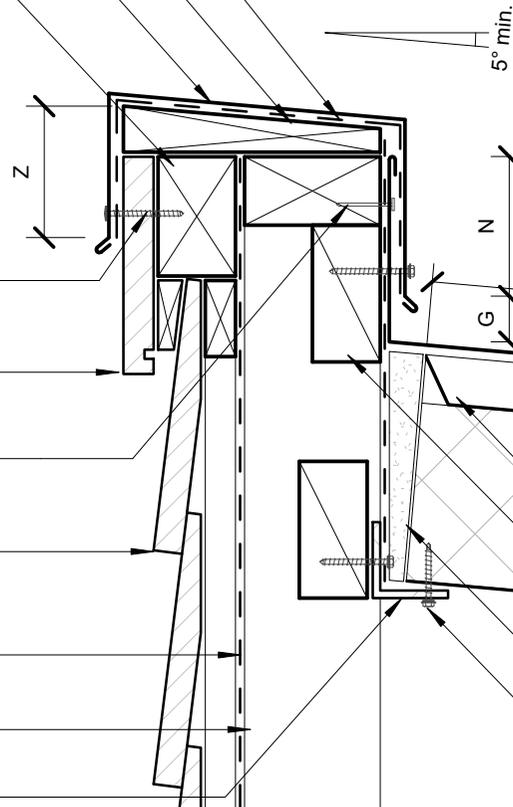
STST OR GALV. FLAT HEAD NAIL FOR FLASHING

WEATHERBOARDS ON CAVITY

PERMEABLE WALL UNDERLAY, SHOWN DASHED

WALL FRAMING

ALUM. ANGLE ENGINEERED BY OTHERS



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. 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 $> 10^\circ$	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)
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)

5mm POP RIVET OR PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER

FOAM CLOSURE WHEN REQUIRED SEALED TOP AND BOTTOM

PRE-FINISHED APRON FLASHING

STOPENDS TO ROOF CLADDING

TIMBER NOG FOR FIXING APRON FLASHING

FOAM FILL

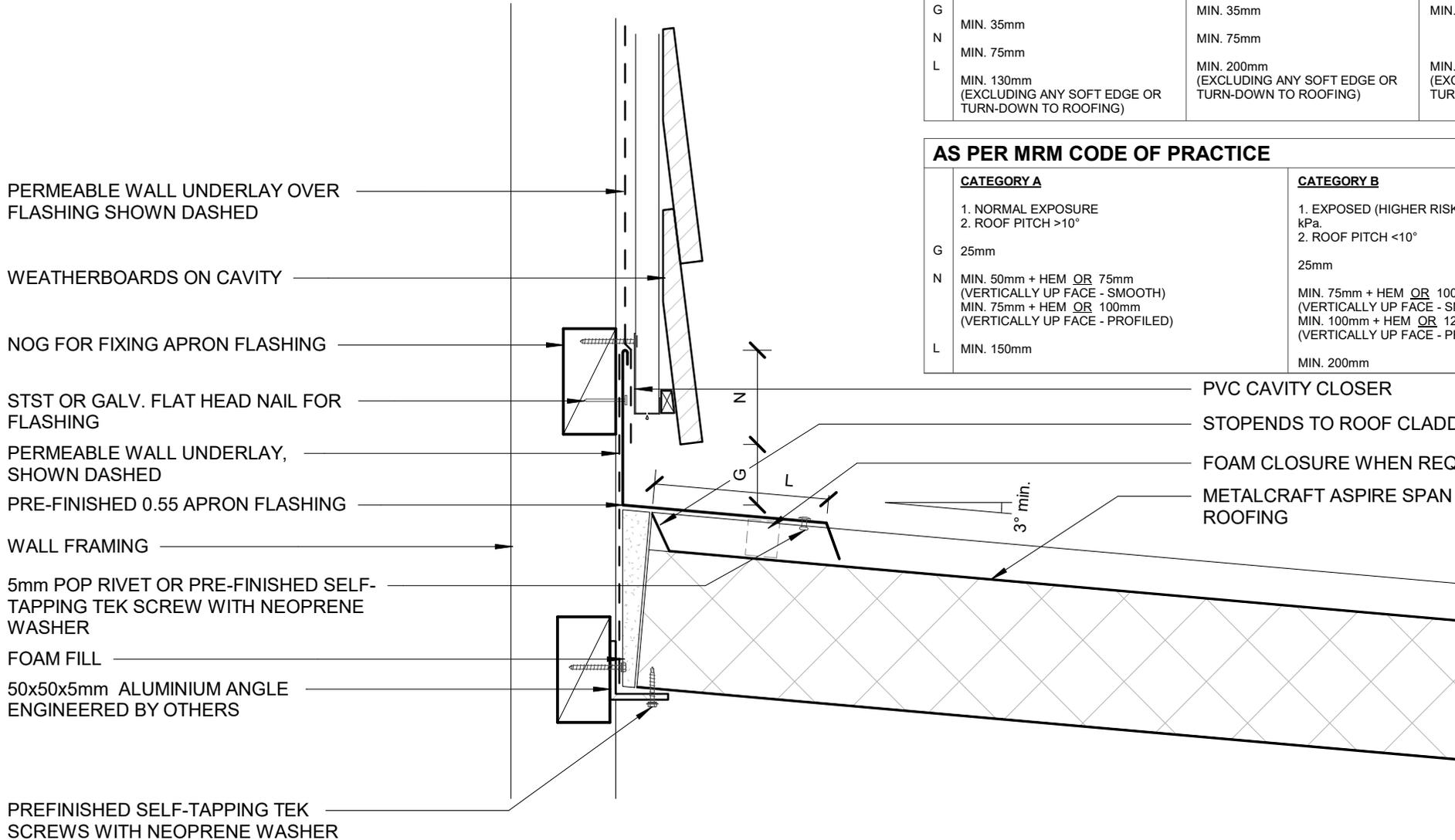
SELF TAPPING TEK SCREW WITH NEOPRENE WASHER

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. 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	
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

	<u>CATEGORY A</u>	<u>CATEGORY B</u>
	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 <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

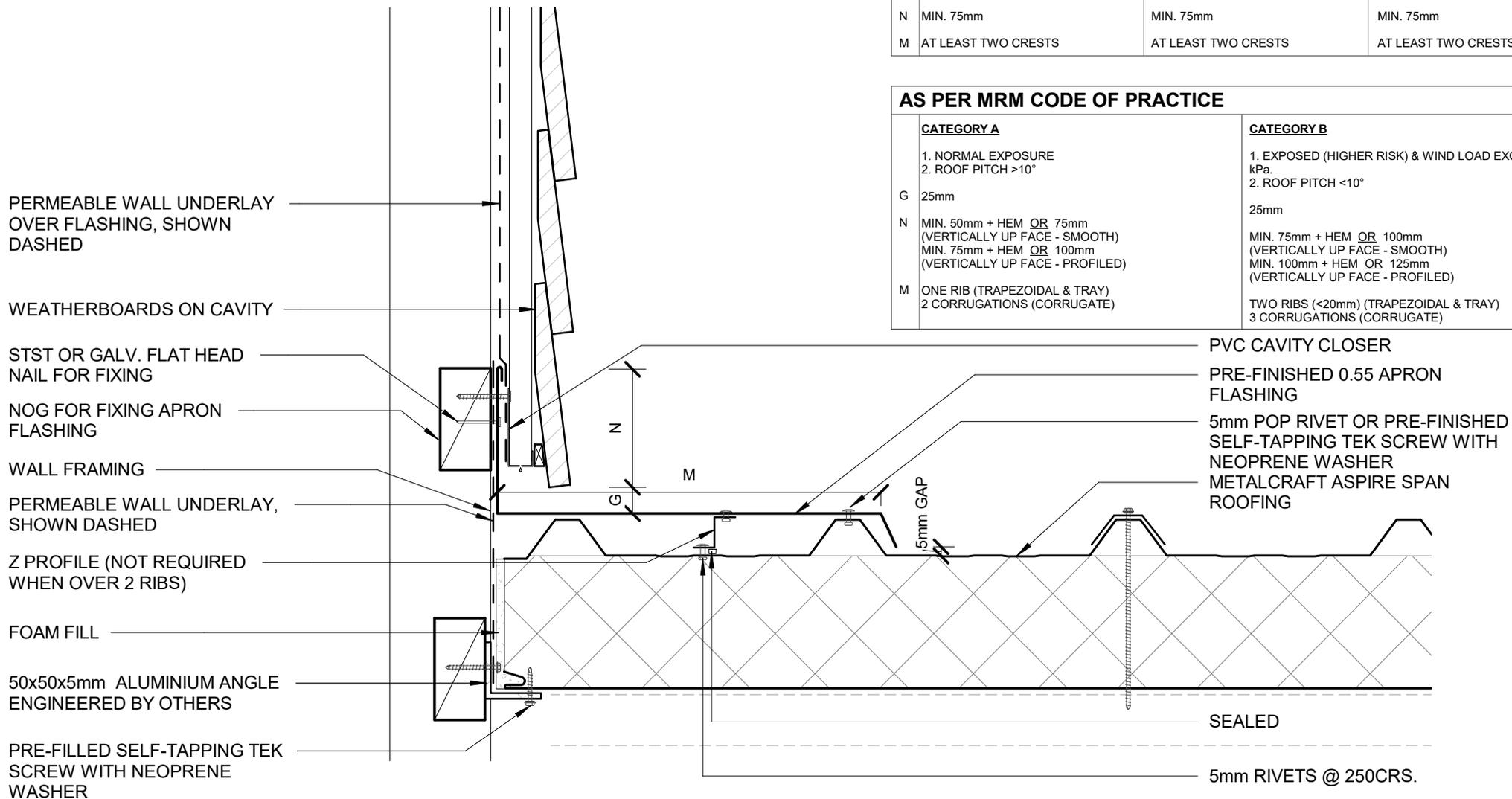


AS PER E2/ASI

	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

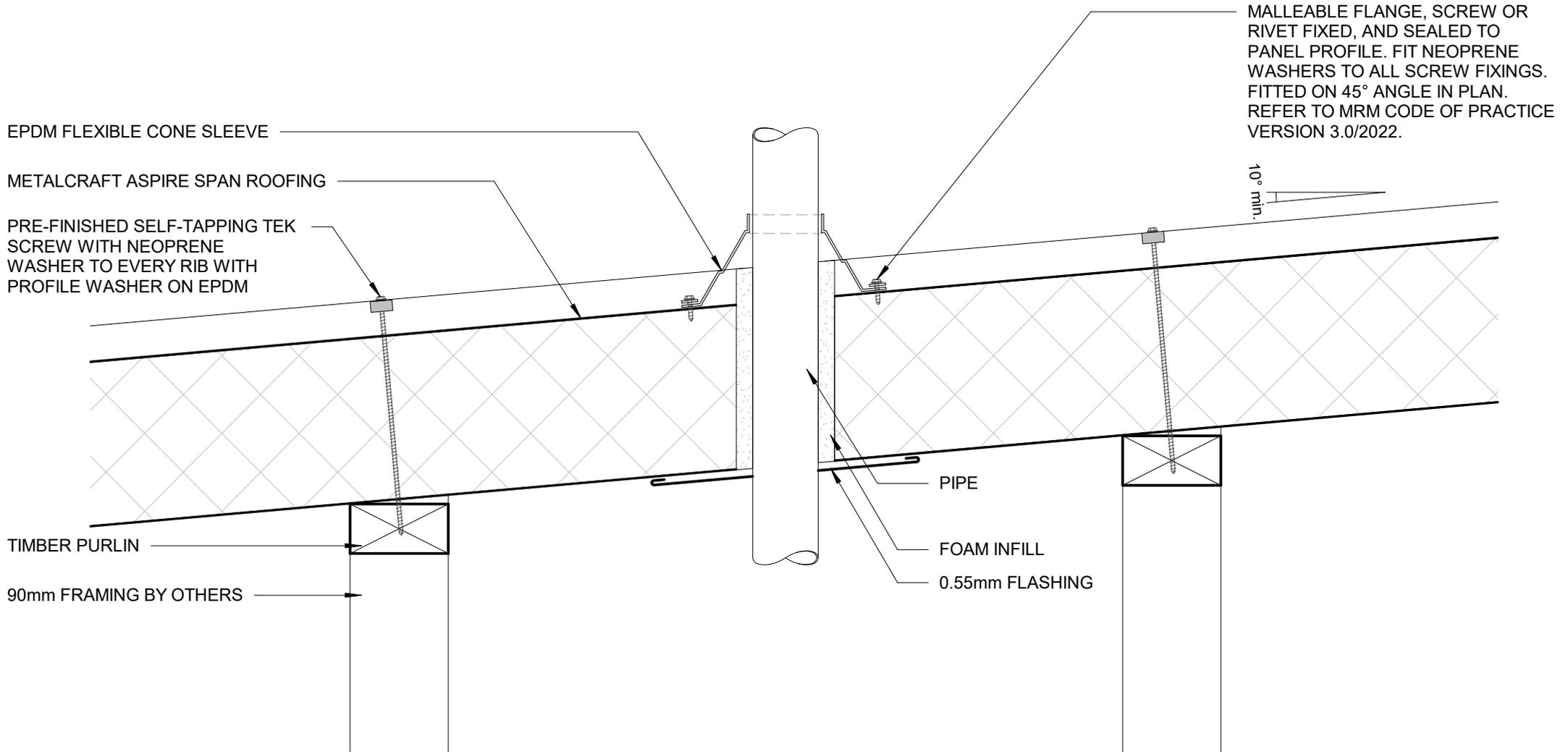
AS PER MRM CODE OF PRACTICE

	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 (CORRUGATE)	TWO RIBS ($<20\text{mm}$) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)



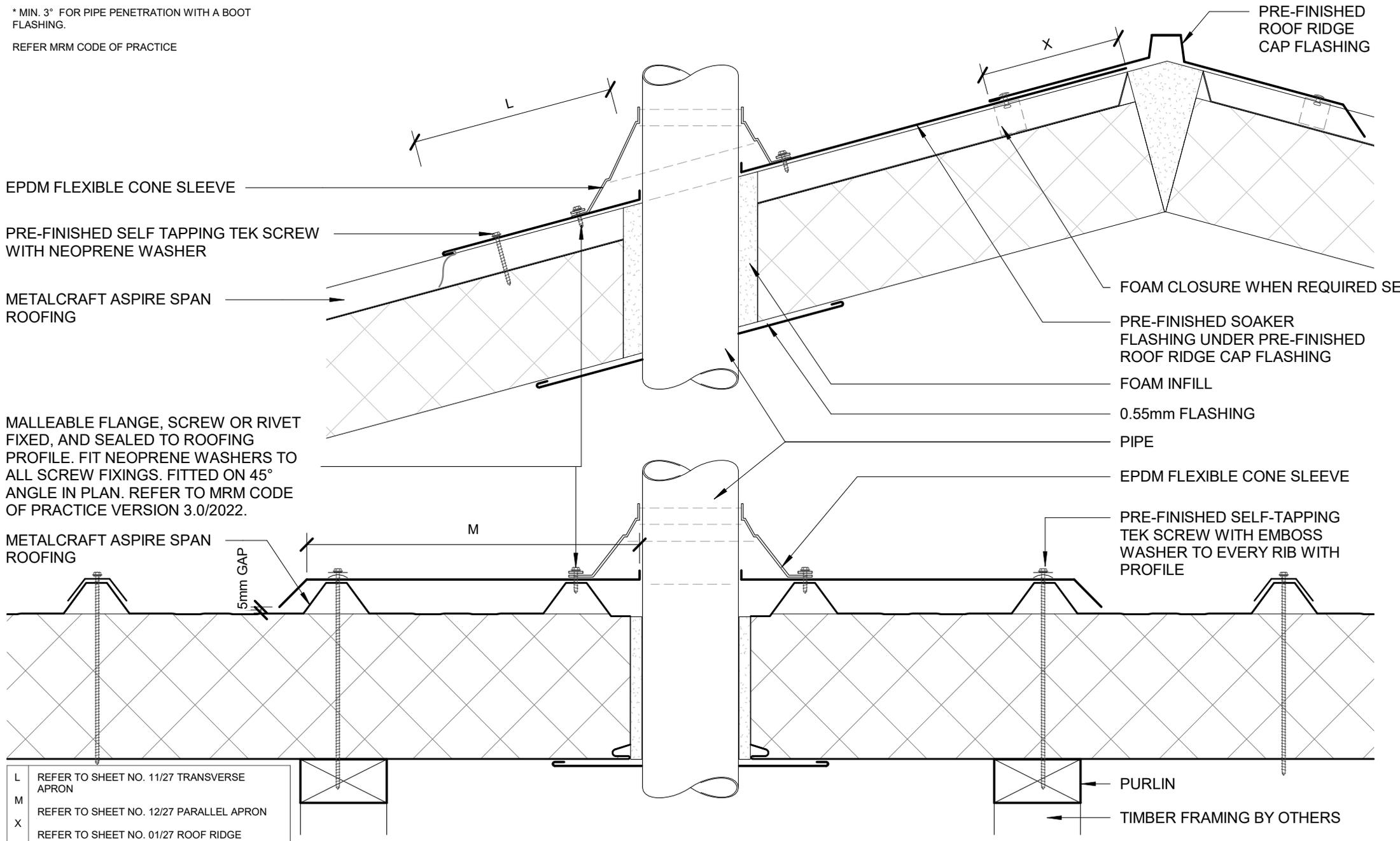
* MIN. 10° FOR PIPE PENETRATION. DIRECT FIX BOOT FLASHING IS APPLICABLE FOR WHEN LESS THAN 50% BLOCKAGE OCCURS. WHEN EXCEEDING 50% BLOCKAGE OCCURS, REFER TO BACK TRAY BOOT FLASHING

REFER TO MRM CODE OF PRACTICE



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

REFER MRM CODE OF PRACTICE



PIPE PENETRATION BACK TRAY BOOT FLASHING

Aspire Span

Rev. 1.1

RESIDENTIAL ROOFING

FOAM CLOSURE WHEN REQUIRED SEALED TOP AND BOTTOM

SEAL

PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER TO EVERY RIB WITH PROFILE WASHER ON EPDM

METALCRAFT ASPIRE SPAN ROOFING

3° min.

100 MIN.

PRE-FINISHED 0.55BMT STEPPED COLORSTEEL FLASHING

TURN UP PAN TO FULL RIB HEIGHT (SPECIAL TOOL AVAILABLE)

5mm POP RIVET OR PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER

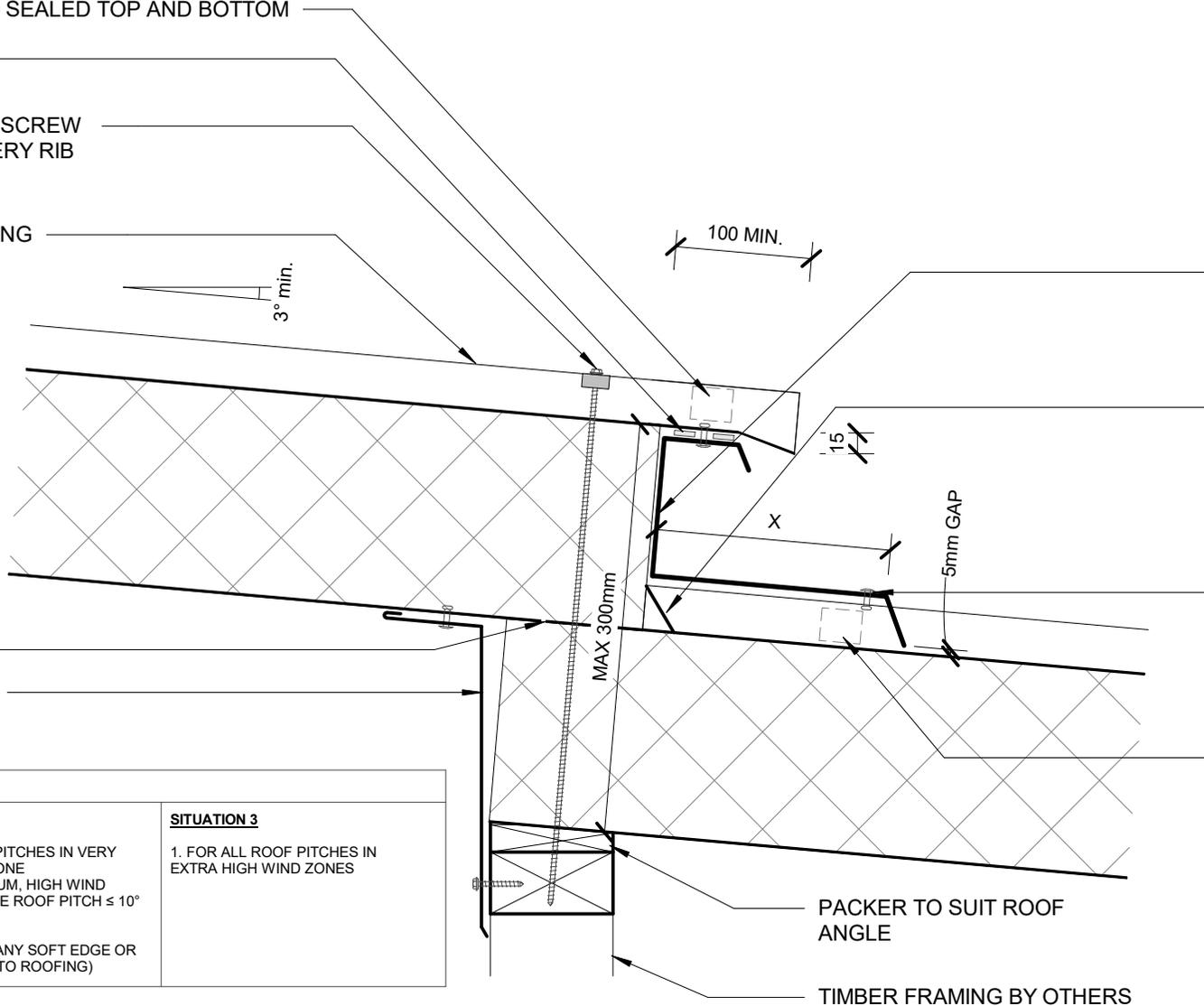
ALLOW THERMAL BREAK

0.55mm BMT COLORSTEEL ANGLE

FOAM CLOSURE WHEN REQUIRED SEALED TOP AND BOTTOM

NOTE: ROOF PANEL THICKNESS IS LIMITED BY MAX SCREW LENGTH CHECK METALCRAFT

NOTE: THIS DETAIL IS NOT AN EXPANSION STEP JOINT REFER TO METALCRAFT FOR SUITABILITY OF USE.



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

AS PER MRM CODE OF PRACTICE

	<u>CATEGORY A</u>	<u>CATEGORY B</u>
	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

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 3.0(2022 - current at time of drawing revision), 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

Aspire Span

Rev. 1.0

Reference RRAPS

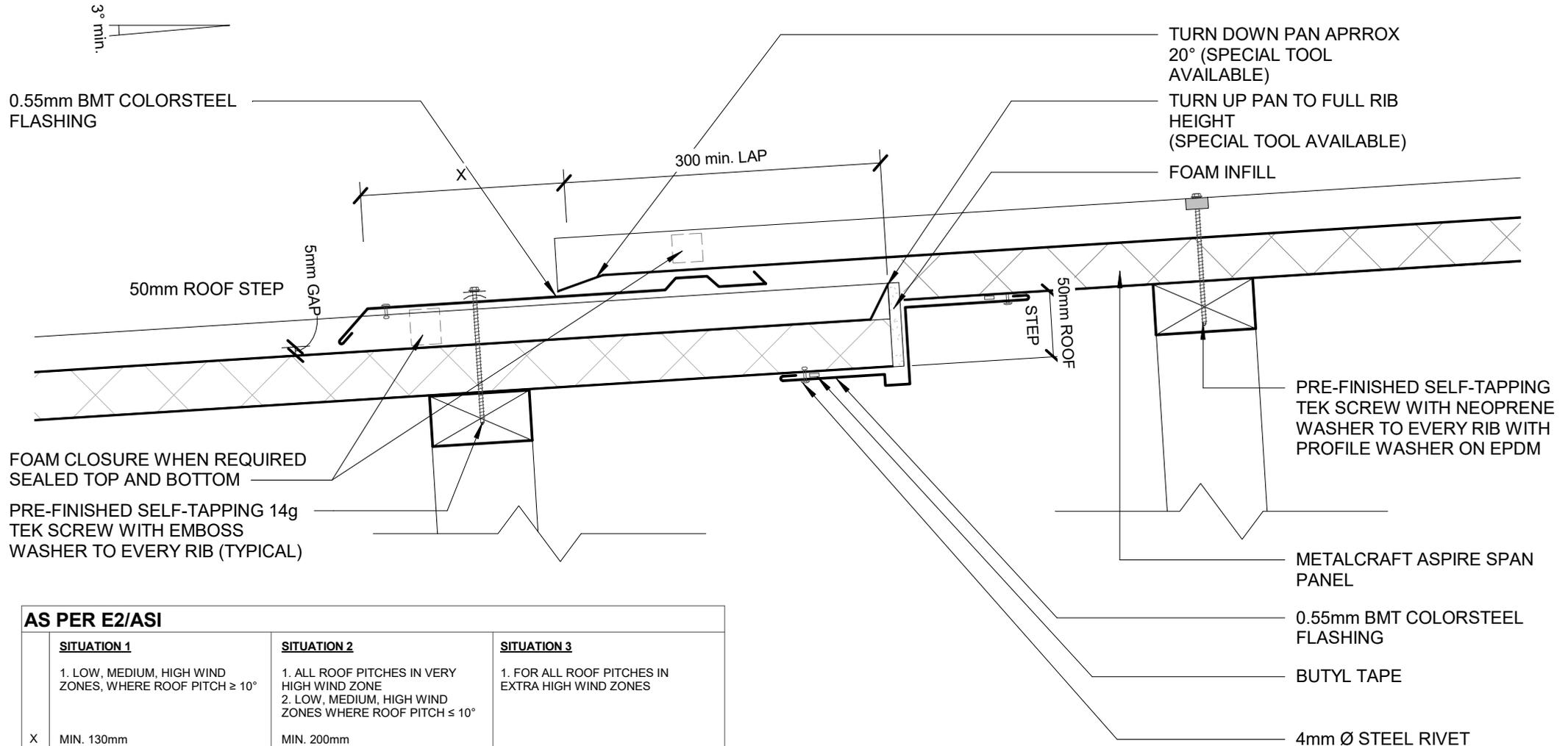
Date 22.06.2023

RESIDENTIAL STEP DETAIL
RESIDENTIAL ROOFING

Scale 1 : 5

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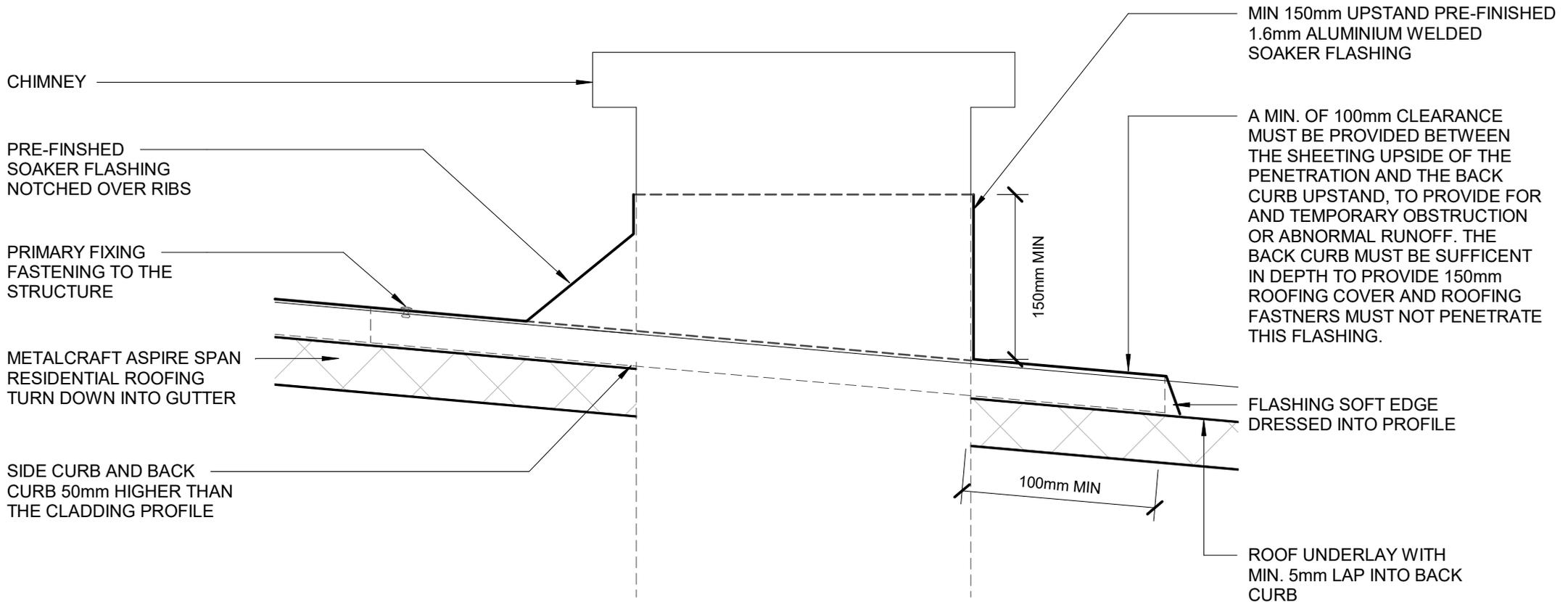
AS PER E2/ASI

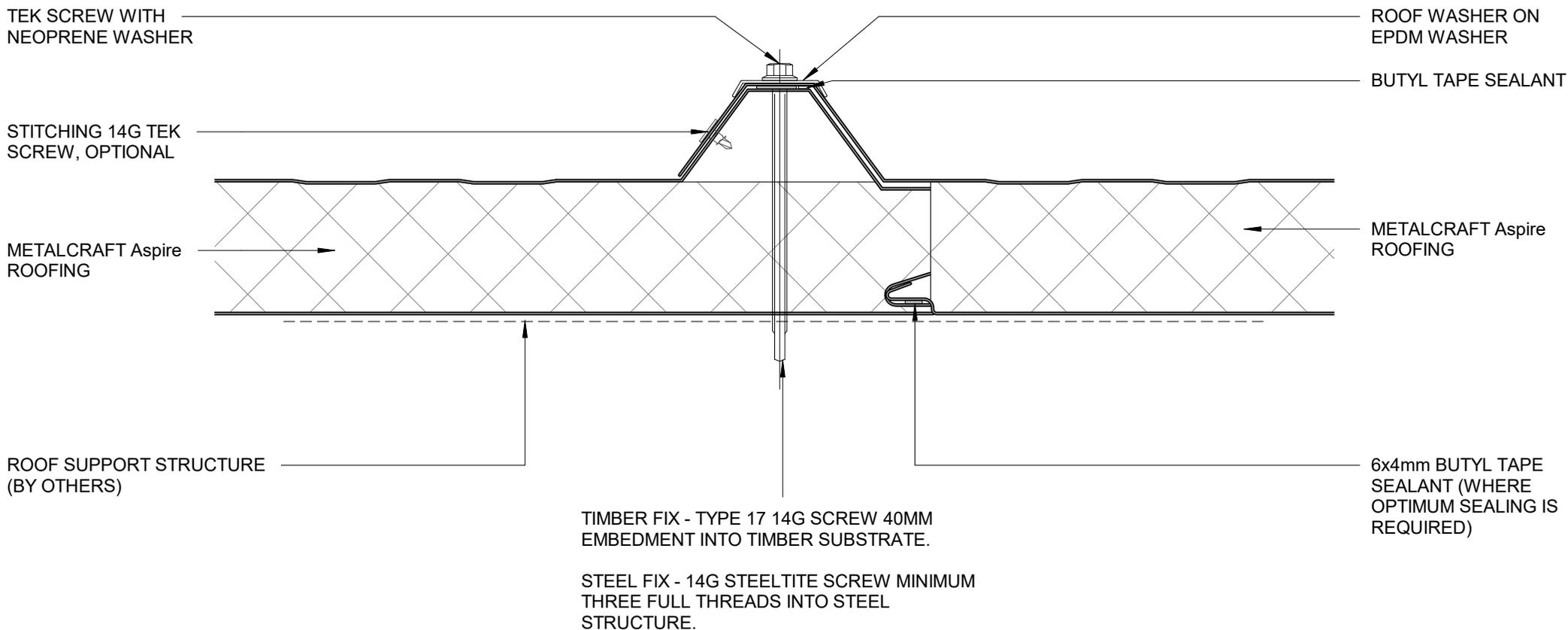
	<u>SITUATION 1</u>	<u>SITUATION 2</u>	<u>SITUATION 3</u>
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X	MIN. 130mm (EXCLUDING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

AS PER MRM CODE OF PRACTICE

	<u>CATEGORY A</u>	<u>CATEGORY B</u>
	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

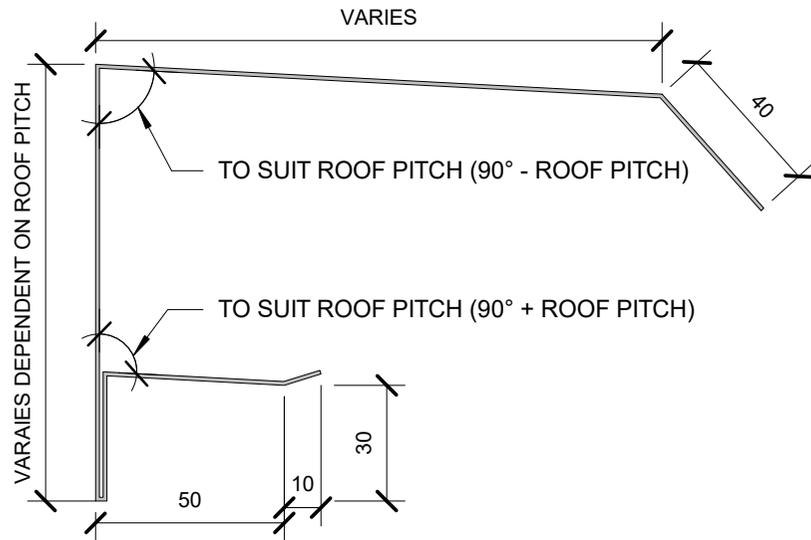
DETAIL RECOMMENDED WHERE ROOF RUNS EXCEED 16m



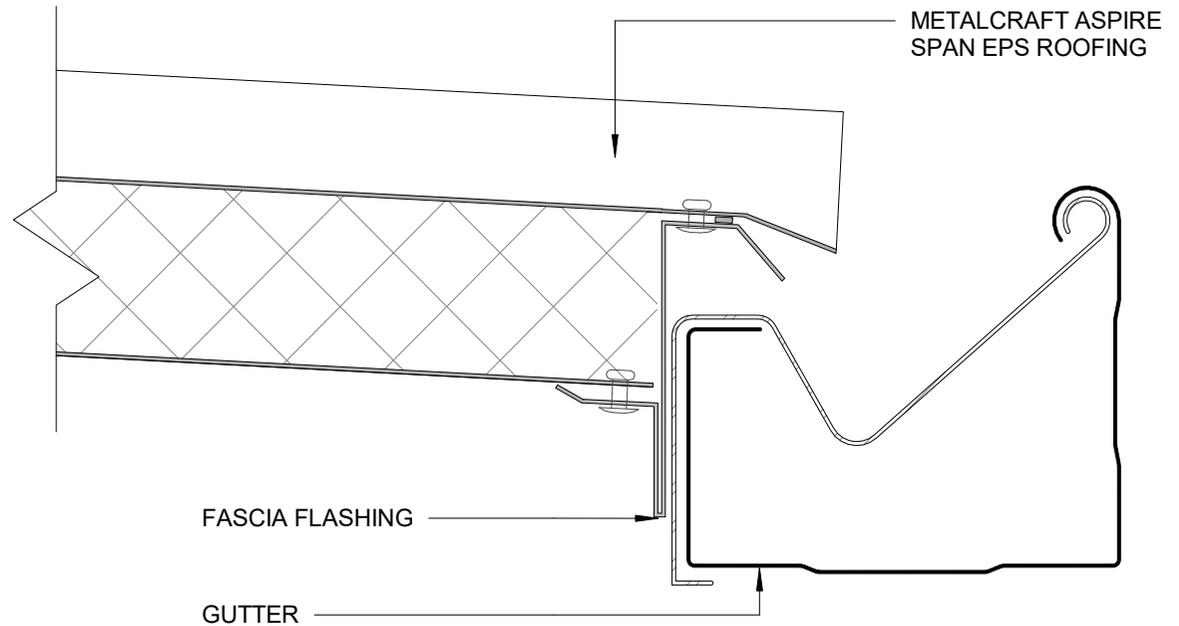
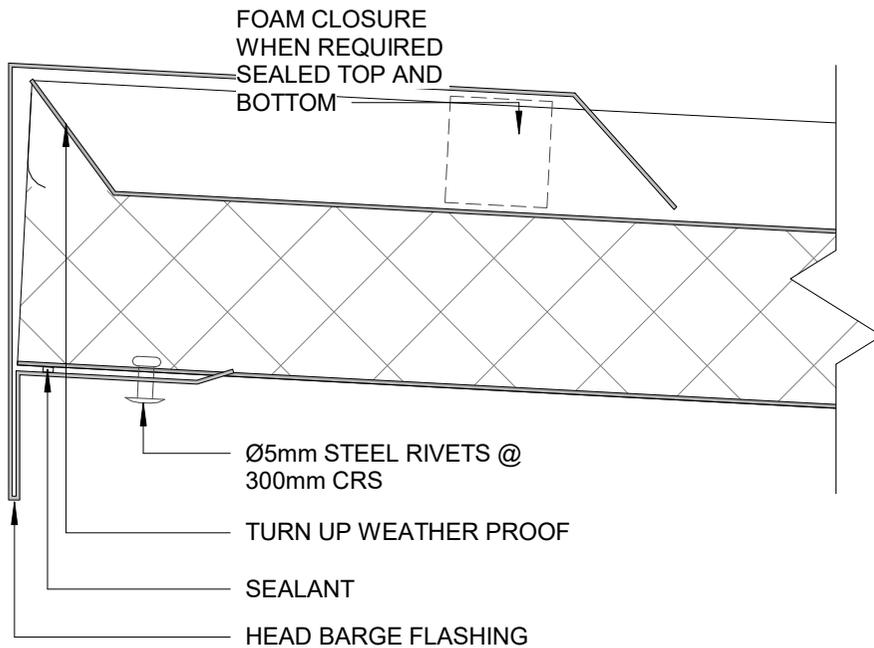
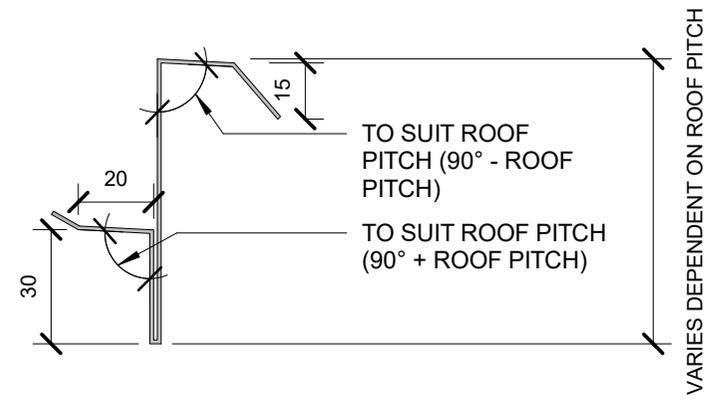


SIDE LAP DETAIL
RESIDENTIAL ROOFING

ASPIRE SPAN HEAD BARGE FLASHING



ASPIRE SPAN FASCIA FLASHING



FASCIA AND BARGE FLASHING DIMENSIONS

Aspire Span

Rev. 1.0

RESIDENTIAL ROOFING

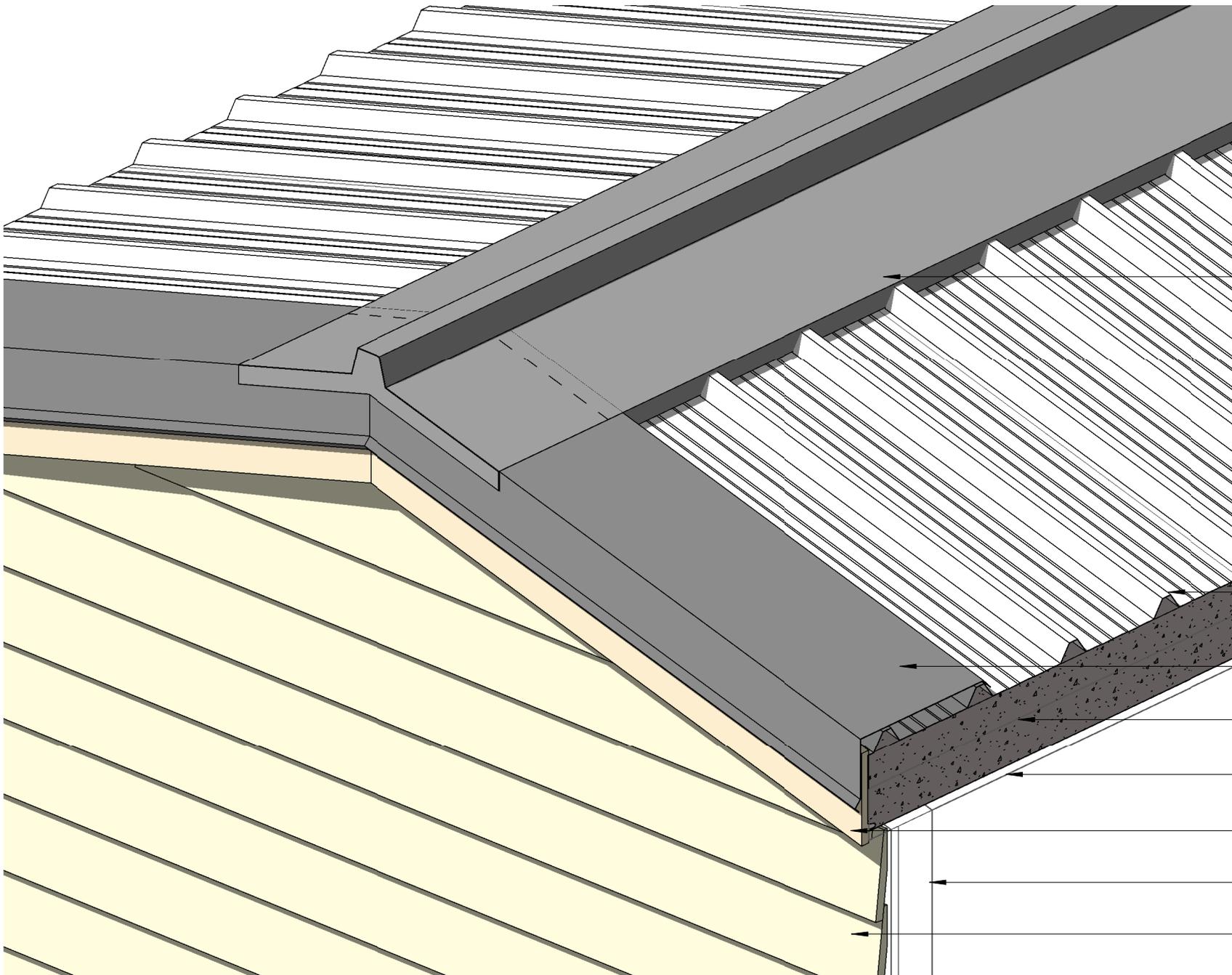
Reference RRAPS

Date 22.06.2023

Scale 1 : 2

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* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

PRE-FINISHED RIDGE CAP FLASHING

METALCRAFT ASPIRE SPAN

PRE-FINISHED BARGE FLASHING

PURLIN

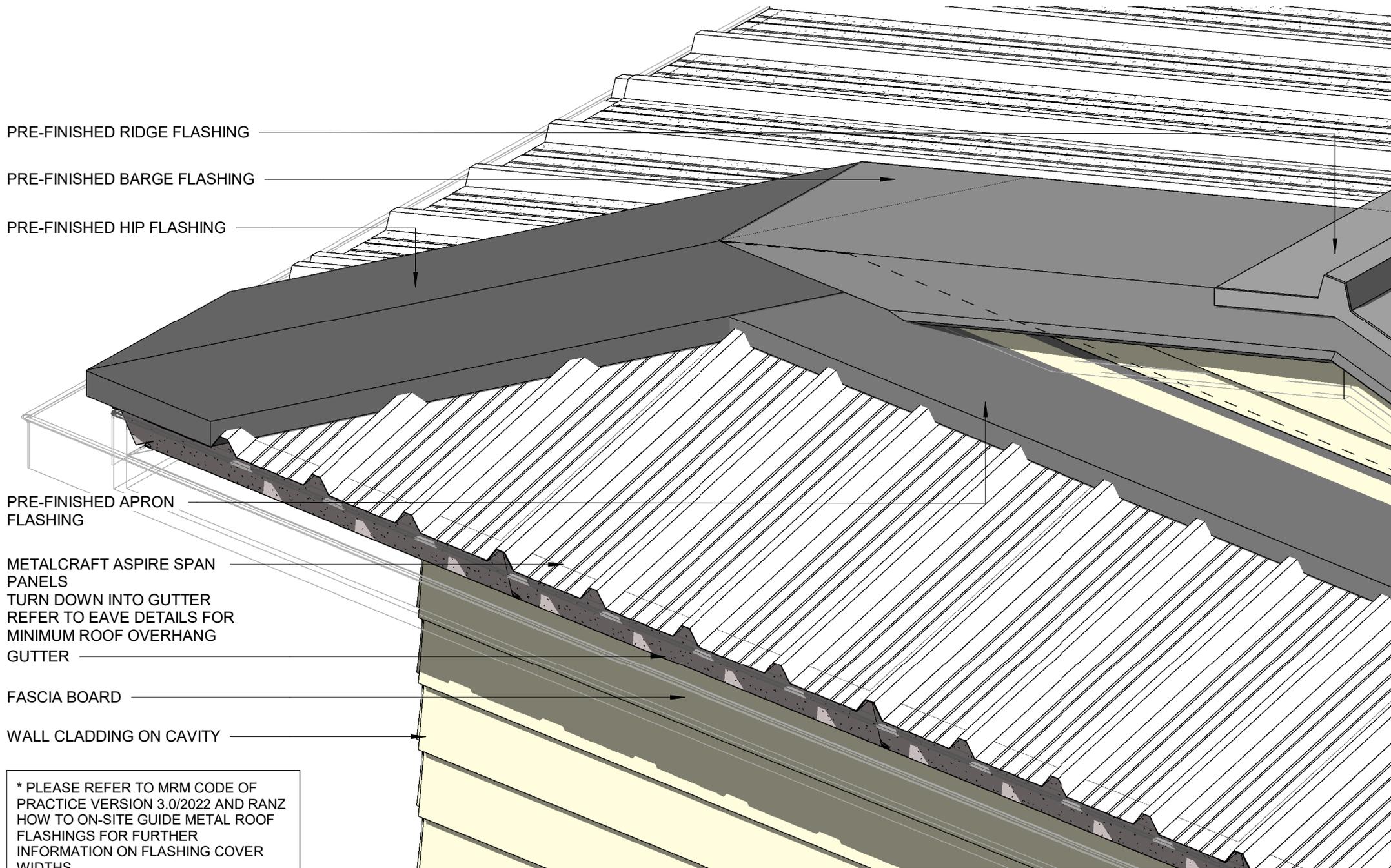
ROOF FRAMING

FASCIA BOARD

WALL FRAMING

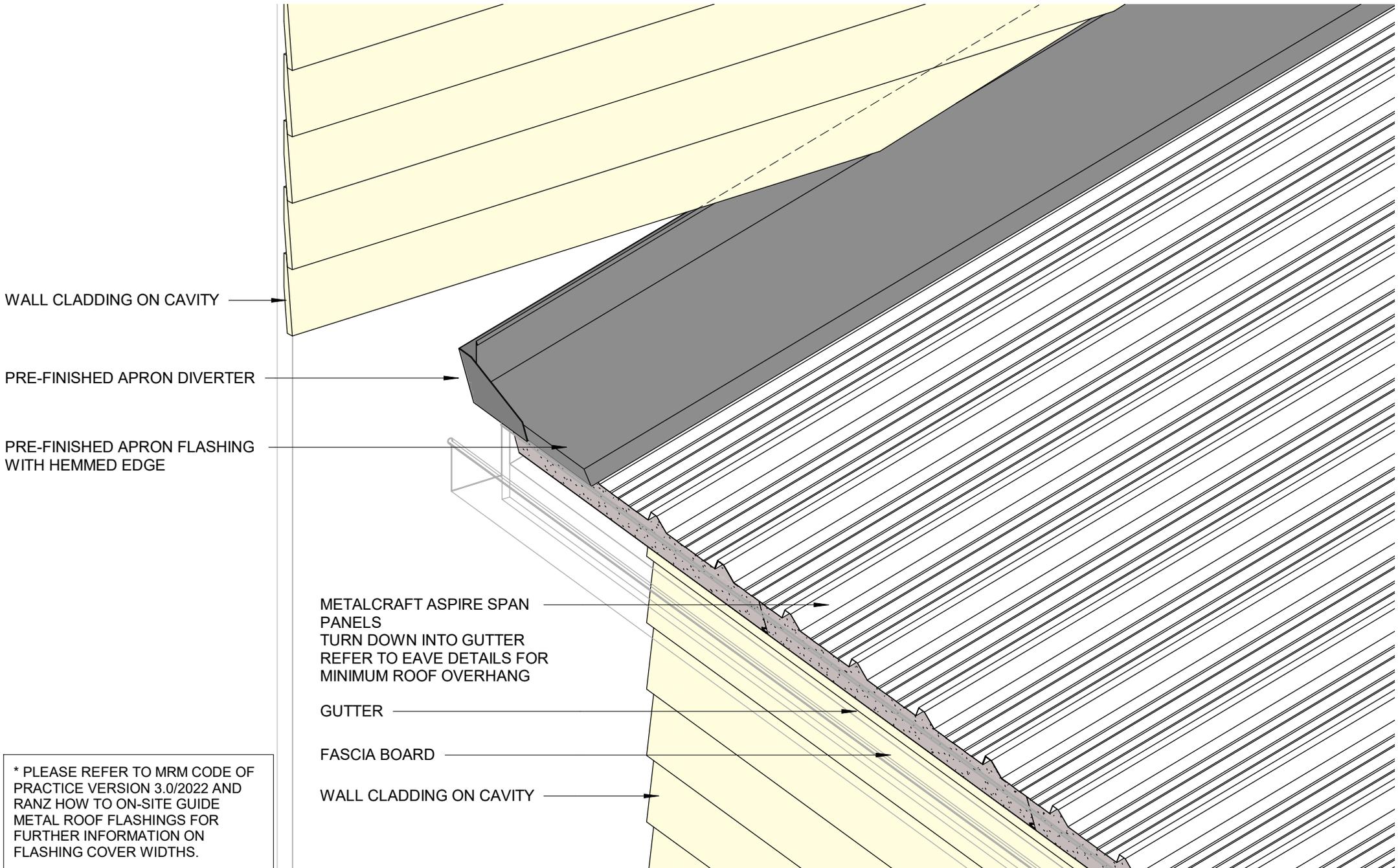
WALL CLADDING ON CAVITY

3D RIDGE TO BARGE JUCTION
RESIDENTIAL ROOFING

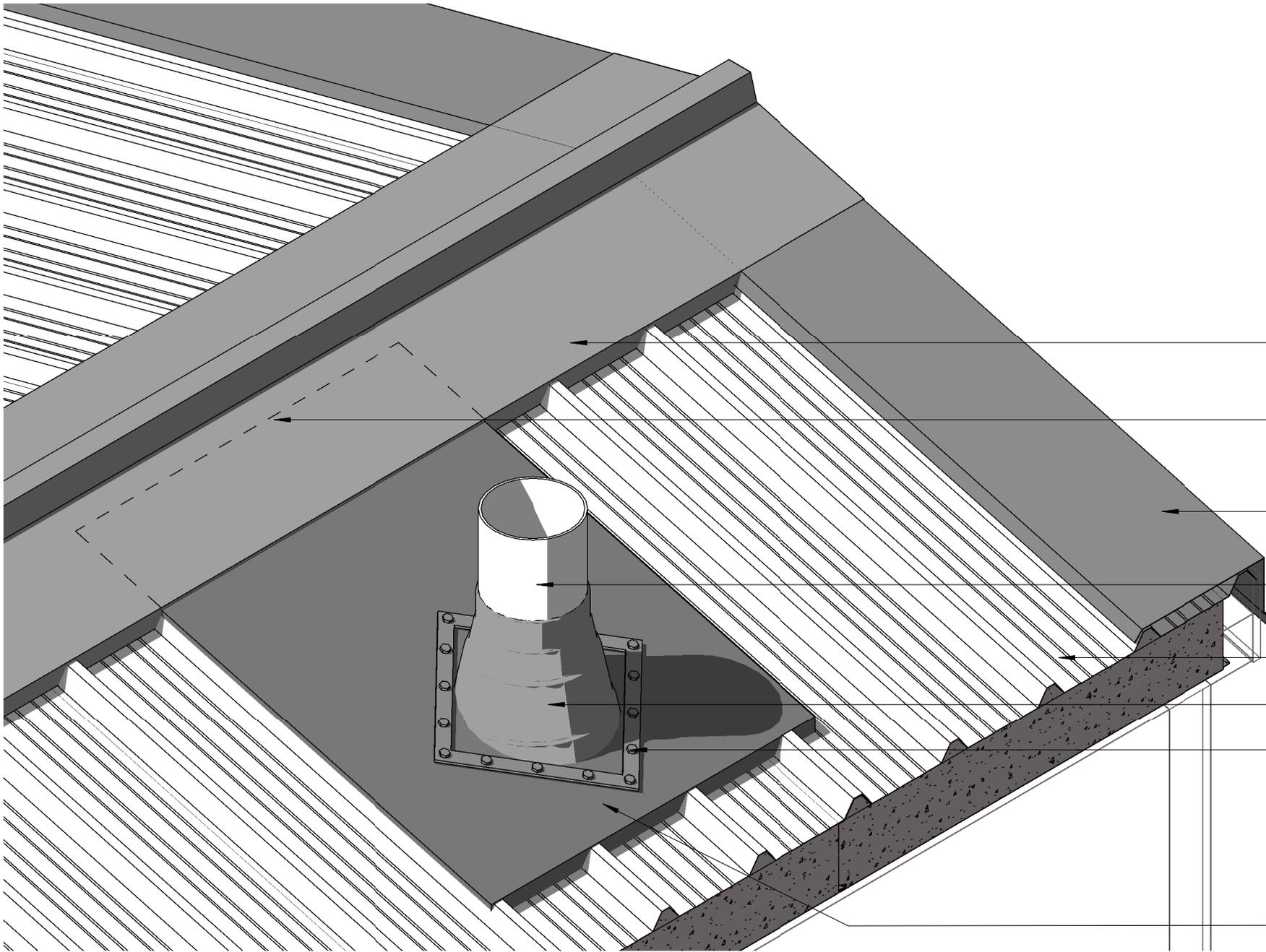


* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

**3D DUTCH GABLE
RESIDENTIAL ROOFING**



* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

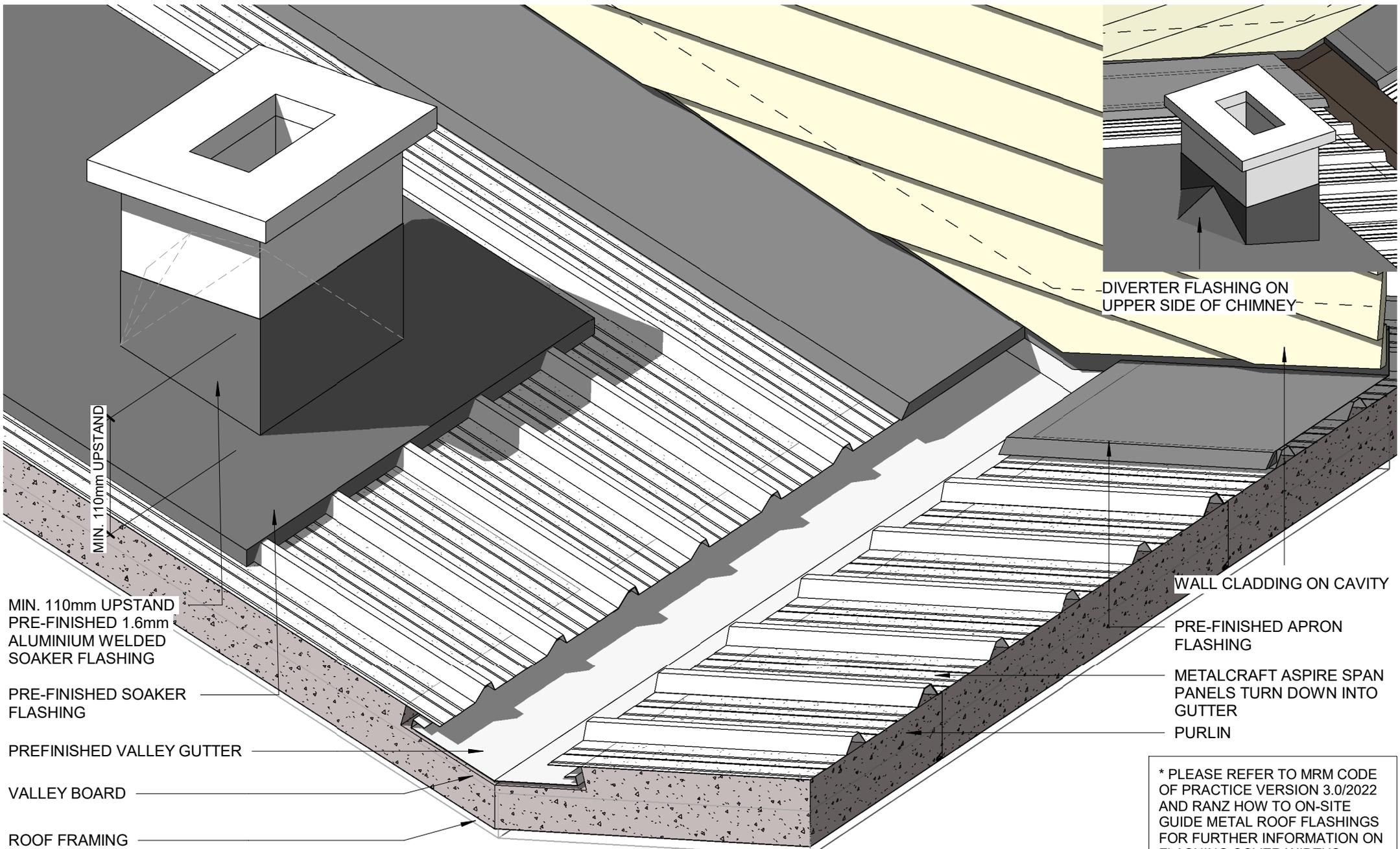


* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

- 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 ASPIRE SPAN PANELS
- 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 3.0/2022.
- PRE-FINISHED SOAKER FLASHING

3D OVER 85mm DIAMETER PIPE PENETRATION

Aspire Span Rev. 1.1 RESIDENTIAL ROOFING



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

PRE-FINISHED SOAKER
 FLASHING

PRE-FINISHED VALLEY GUTTER

VALLEY BOARD

ROOF FRAMING

DIVERTER FLASHING ON
 UPPER SIDE OF CHIMNEY

WALL CLADDING ON CAVITY

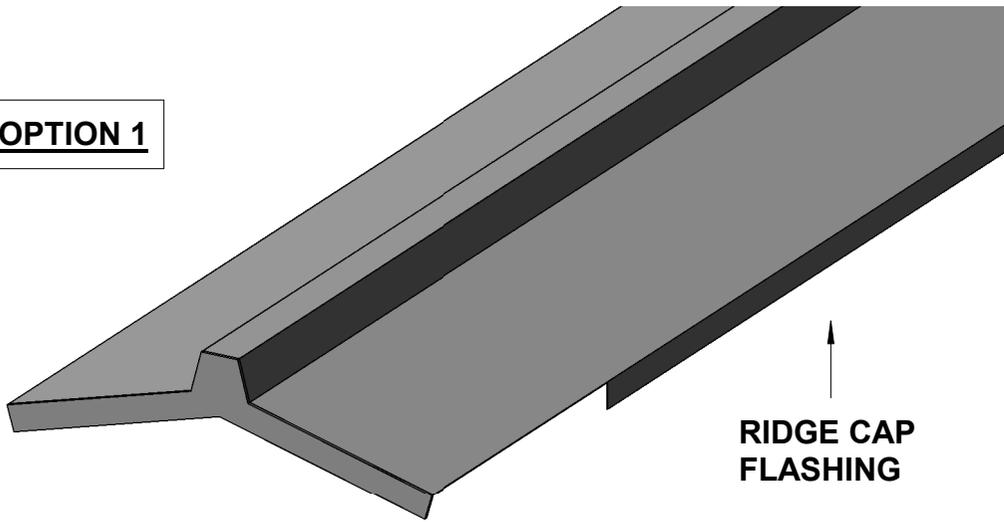
PRE-FINISHED APRON
 FLASHING

METALCRAFT ASPIRE SPAN
 PANELS TURN DOWN INTO
 GUTTER

PURLIN

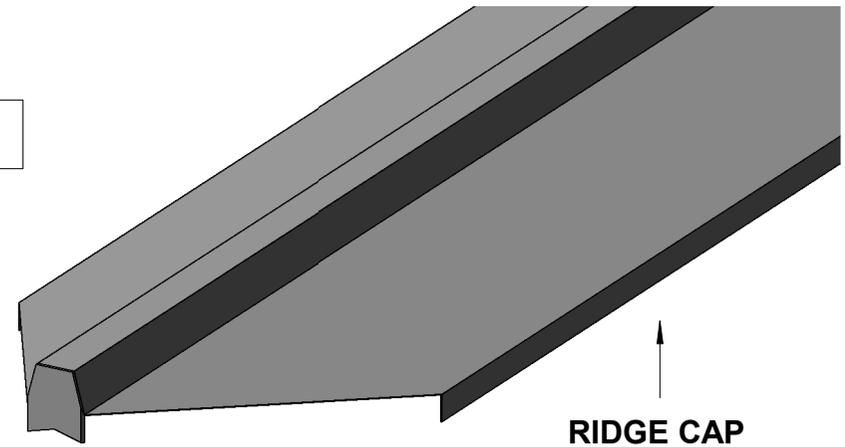
* PLEASE REFER TO MRM CODE
 OF PRACTICE VERSION 3.0/2022
 AND RANZ HOW TO ON-SITE
 GUIDE METAL ROOF FLASHINGS
 FOR FURTHER INFORMATION ON
 FLASHING COVER WIDTHS.

OPTION 1



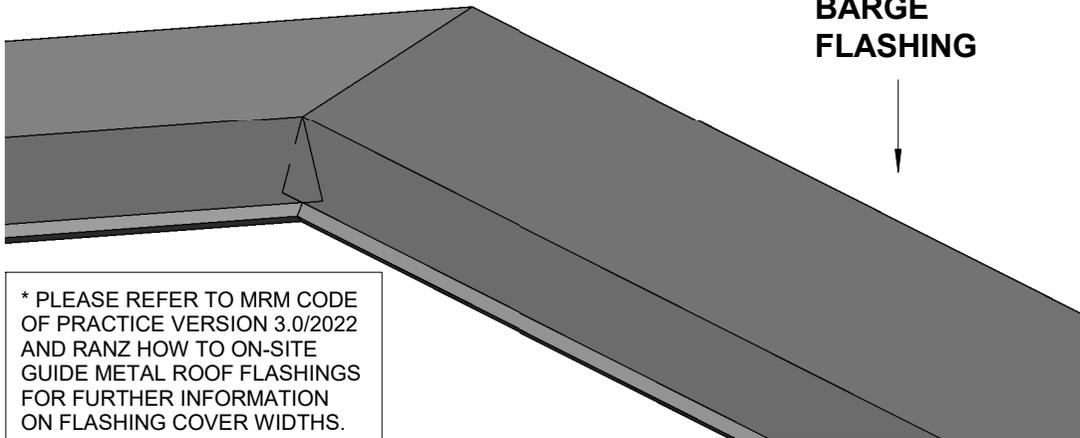
**RIDGE CAP
FLASHING**

OPTION 2



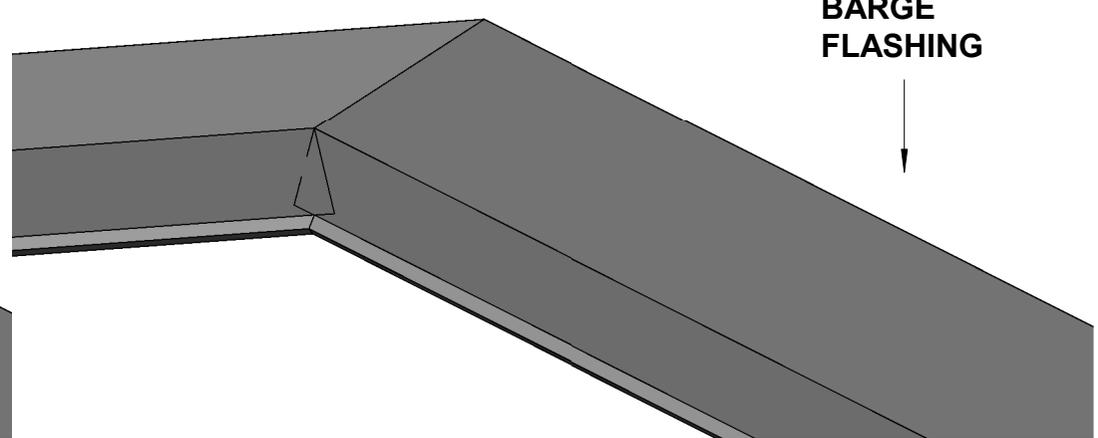
**RIDGE CAP
FLASHING**

**BARGE
FLASHING**



* PLEASE REFER TO MRM CODE
OF PRACTICE VERSION 3.0/2022
AND RANZ HOW TO ON-SITE
GUIDE METAL ROOF FLASHINGS
FOR FURTHER INFORMATION
ON FLASHING COVER WIDTHS.

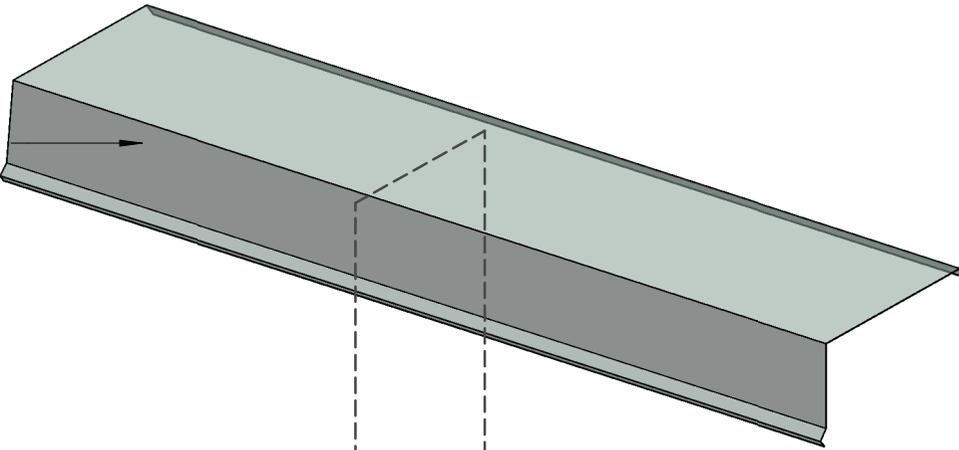
**BARGE
FLASHING**



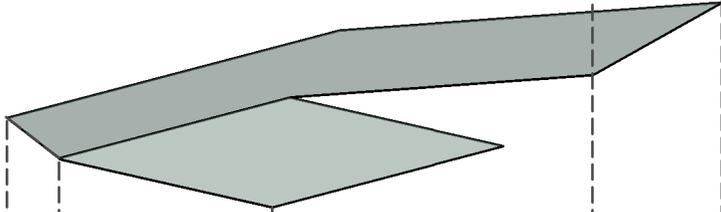
3D RIDGE/BARGE FLASHINGS

RESIDENTIAL ROOFING

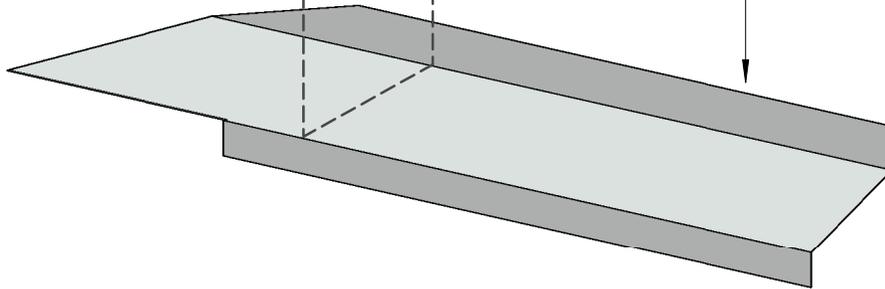
**(4) PRE-FINISHED
BARGE FLASHING**



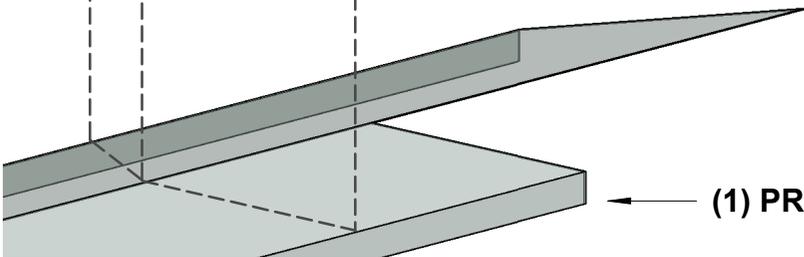
**(3) PRE-FINISHED 3D
SADDLE FLASHING**



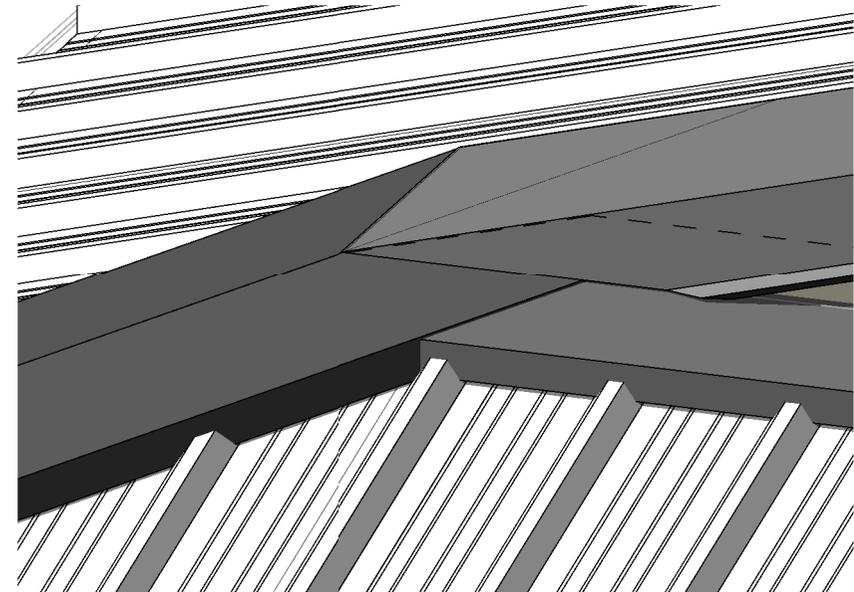
**(2) PRE-FINISHED
APRON FLASHING**



(1) PRE-FINISHED HIP FLASHING



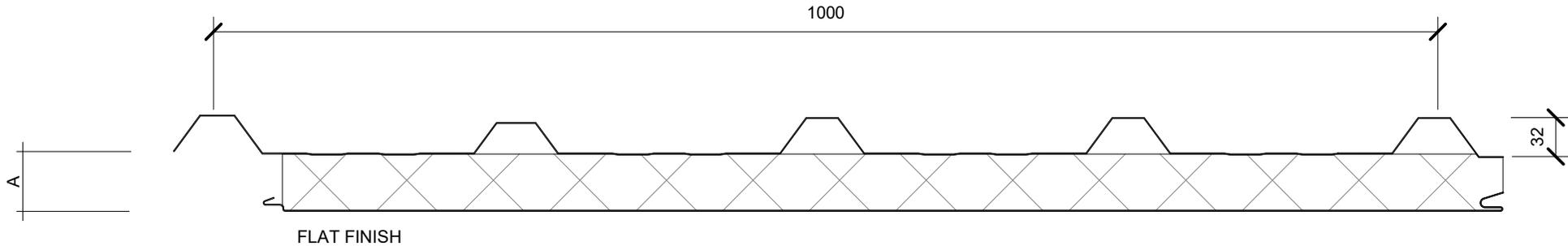
* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.



3D DUTCH GABLE FLASHINGS

RESIDENTIAL ROOFING

ASPIRE SPAN EPS

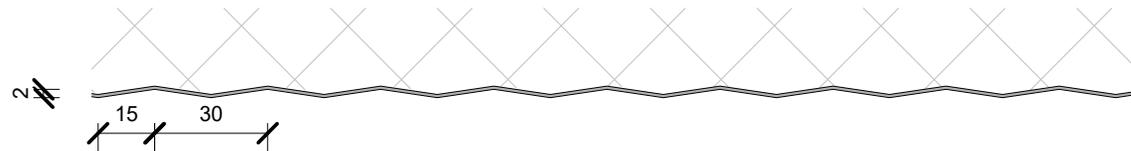


A = 50, 75, 100, 125, 150 - PLEASE NOTE FOR RESIDENTIAL ROOFING A MINIMUM THICKNESS OF 150mm IS RECOMMENDED - CONTACT METALCRAFT

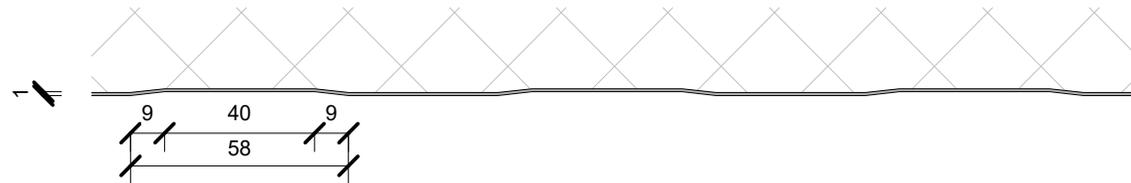
SCALE @ 1:5

INTERNAL LINER FINISHES

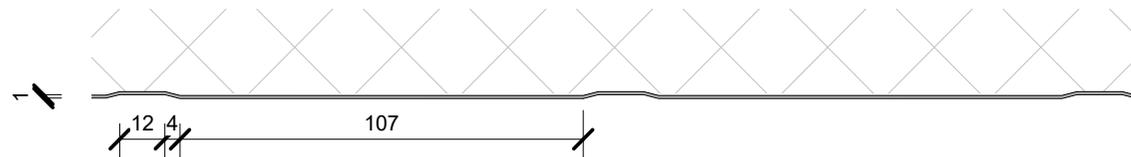
SILKLINE FINISH



MESA FINISH



RIBBED FINISH



SCALE @ 1:2

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Aspire Span

Rev. 1.1

PANEL PROFILE AND SIZE
RESIDENTIAL ROOFING

Reference RRAPS

Date 22.06.2023

Scale As indicated

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