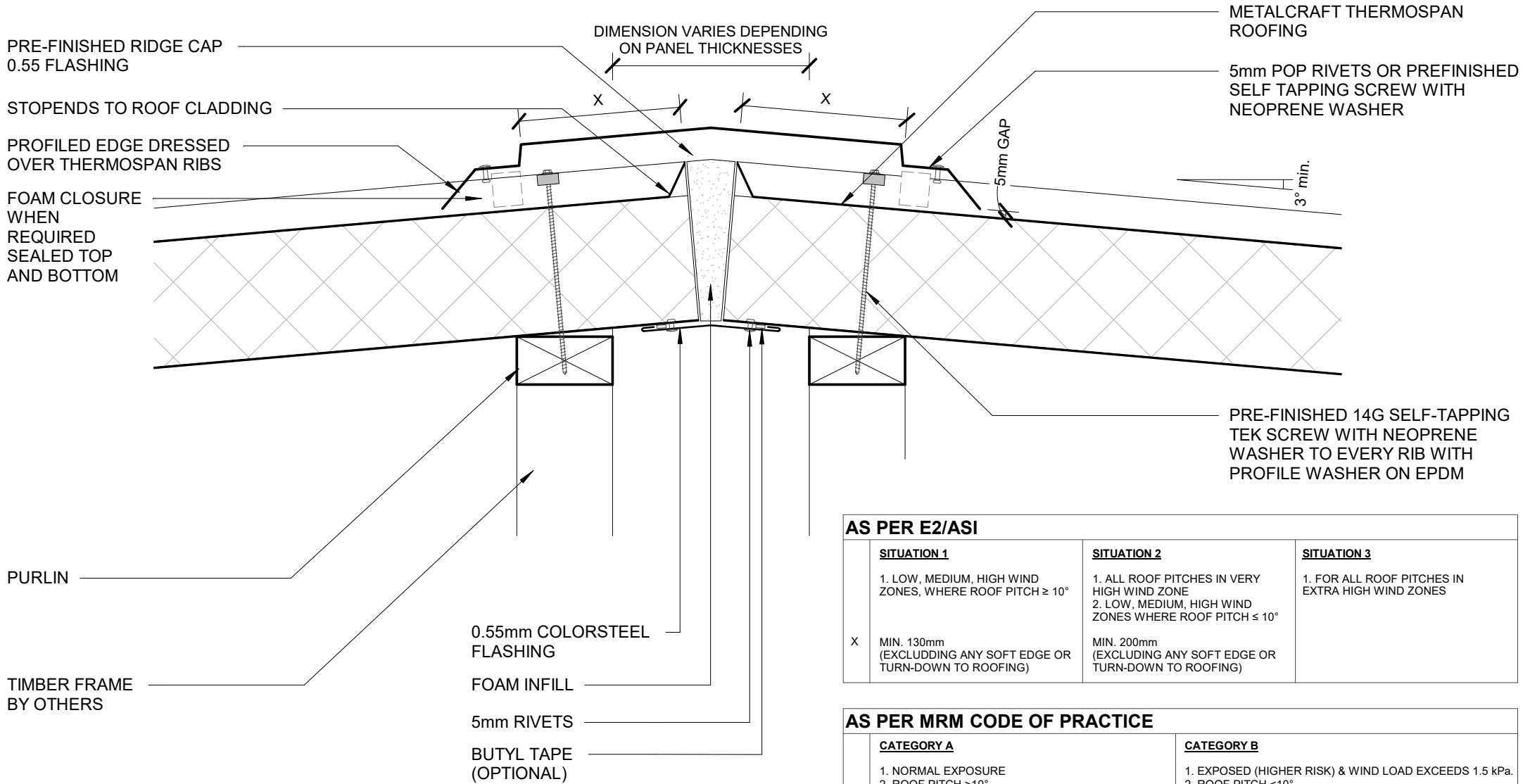


ThermoSpan EPS

RESIDENTIAL ROOFING

| <u>DETAIL LIST</u> | | <u>Revision</u> | <u>Date</u> | <u>DETAIL LIST</u> | | <u>Revision</u> | <u>Date</u> |
|--------------------|------------------------------------|-----------------|-------------|--------------------|---|-----------------|-------------|
| 00 / 32 | COVER SHEET | | | 17 / 32 | PARALLEL APRON | 1.0 | 30.01.2023 |
| 01 / 32 | ROOF RIDGE 01 | 1.1 | 30.01.2023 | 18 / 32 | PIPE PENETRATION DIRECT FIXED BOOT FLASHING | 1.0 | 30.01.2023 |
| 02 / 32 | ROOF RIDGE 02 | 2.0 | 30.01.2023 | 19 / 32 | PIPE PENETRATION BACK TRAY BOOT FLASHING | 1.0 | 30.01.2023 |
| 03 / 32 | SAWTOOTH RIDGE 01 | 1.1 | 30.01.2023 | 20 / 32 | RESIDENTIAL STEP DETAIL | 1.0 | 30.01.2023 |
| 04 / 32 | SAWTOOTH RIDGE 02 | 1.0 | 30.01.2023 | 21 / 32 | EXPANSION STEP DETAIL | 1.0 | 30.01.2023 |
| 05 / 32 | SAW TOOTH SOFFIT DETAIL 01 | 1.1 | 30.01.2023 | 22 / 32 | CHIMNEY PENETRATION DETAIL | 1.0 | 30.01.2023 |
| 06 / 32 | SAW TOOTH SOFFIT DETAIL 02 | 1.0 | 30.01.2023 | 23 / 32 | SIDE LAP DETAIL | 1.0 | 30.01.2023 |
| 07 / 32 | ROOF VALLEY 01 | 1.0 | 30.01.2023 | 24 / 32 | FASCIA AND BARGE FLASHING DIMENSIONS | 1.1 | 30.01.2023 |
| 08 / 32 | ROOF VALLEY 02 | 1.0 | 30.01.2023 | 25 / 32 | 3D RIDGE TO BARGE JUCTION | 1.1 | 30.01.2023 |
| 09 / 32 | BARGE WITH PROFILED CLADDING 01 | 1.1 | 30.01.2023 | 26 / 32 | 3D DUTCH GABLE | 1.0 | 30.01.2023 |
| 10 / 32 | BARGE WITH PROFILED CLADDING 02 | 1.0 | 30.01.2023 | 27 / 32 | 3D APRON | 1.0 | 30.01.2023 |
| 11 / 32 | GUTTER DETAIL 01 | 1.0 | 30.01.2023 | 28 / 32 | 3D OVER 85mm DIAMETER PIPE PENETRATION | 1.0 | 30.01.2023 |
| 12 / 32 | GUTTER DETAIL 02 | 1.0 | 30.01.2023 | 29 / 32 | 3D CHIMNEY PENETRATION | 1.0 | 30.01.2023 |
| 13 / 32 | CANTILEVER BARGE CAPPING DETAIL 01 | 1.0 | 30.01.2023 | 30 / 32 | 3D RIDGE/BARGE FLASHINGS | 1.0 | 30.01.2023 |
| 14 / 32 | CANTILEVER BARGE CAPPING DETAIL 02 | 1.0 | 30.01.2023 | 31 / 32 | 3D DUTCH GABLE FLASHINGS | 1.0 | 30.01.2023 |
| 15 / 32 | PARAPET WITH TRANSVERSE APRON | 1.0 | 30.01.2023 | 32 / 32 | PANEL PROFILE AND SIZE | 1.0 | 30.01.2023 |
| 16 / 32 | TRANSVERSE APRON | 1.0 | 30.01.2023 | | | | |

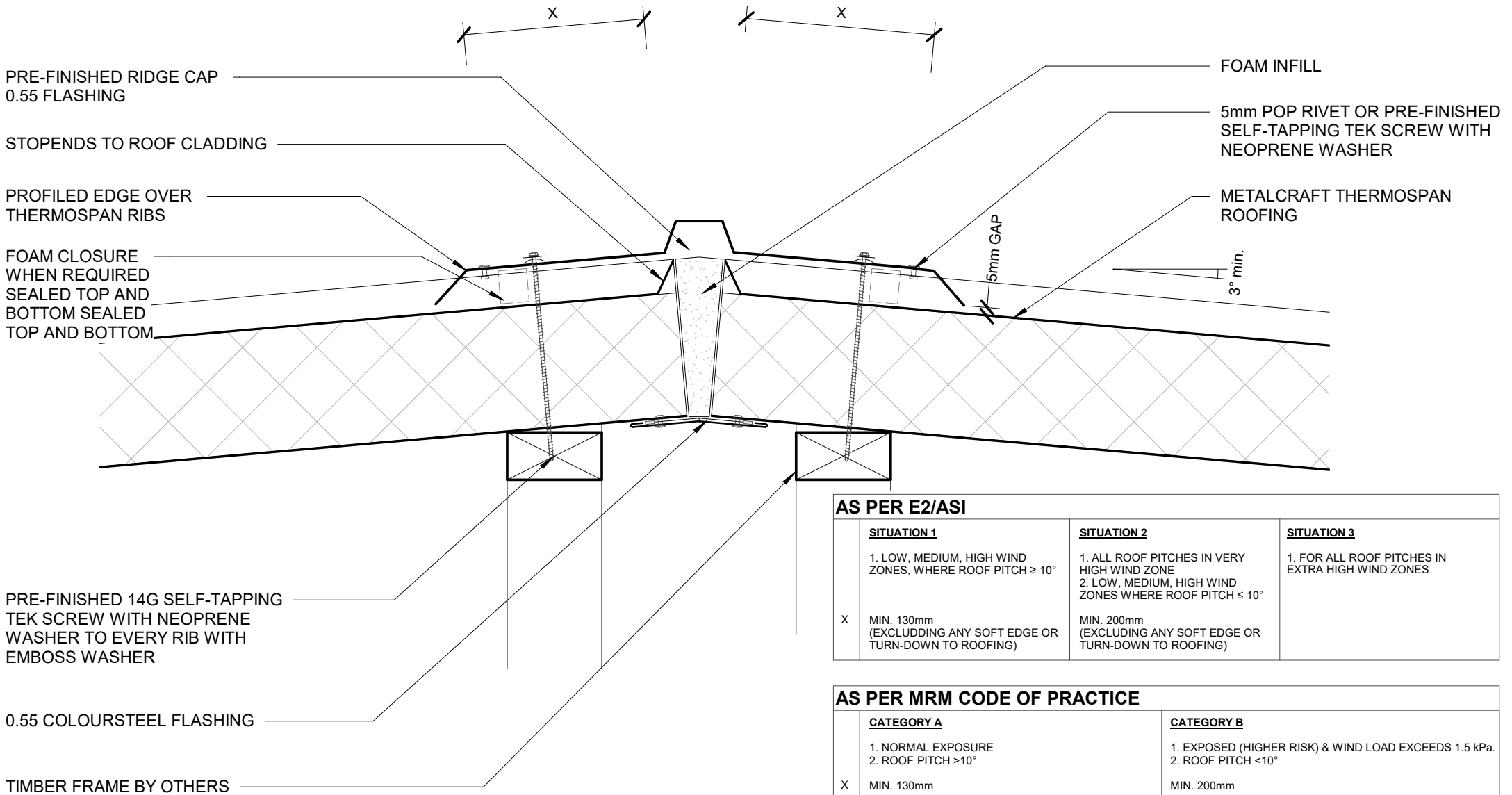


AS PER E2/ASI

| | <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) | |

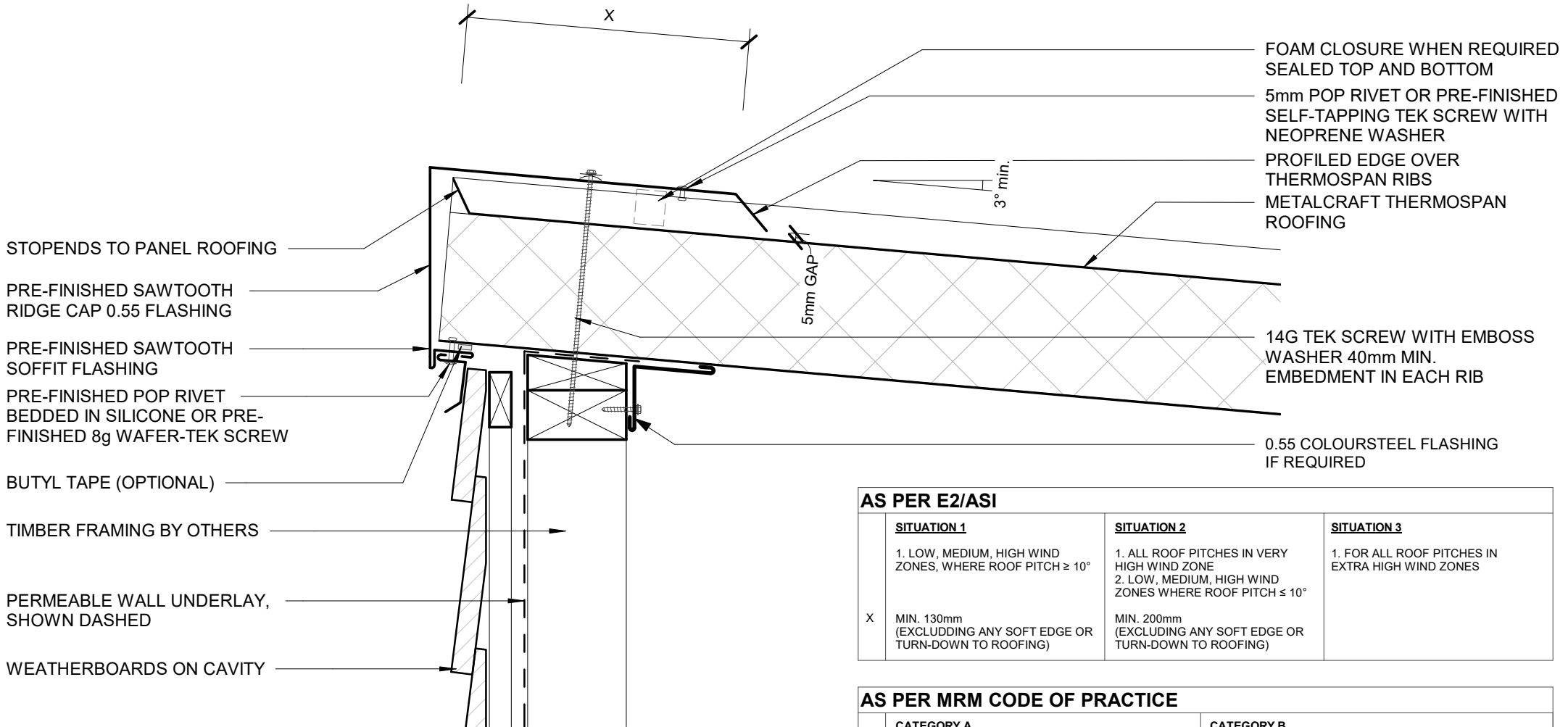
AS PER MRM CODE OF PRACTICE

| | <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 |



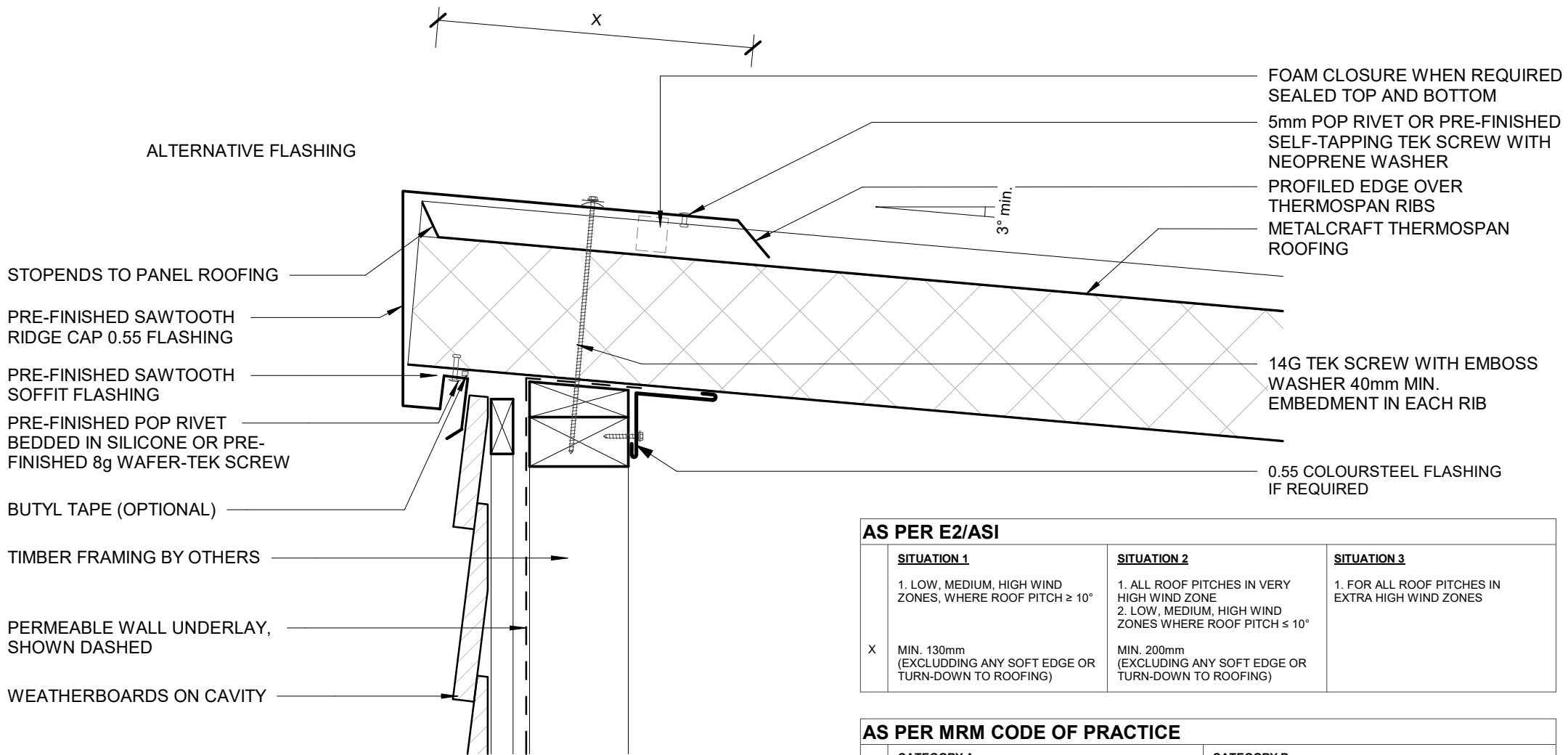
| AS PER E2/ASI | | |
|---|--|--|
| SITUATION 1 | SITUATION 2 | SITUATION 3 |
| 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ | 1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ | 1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND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

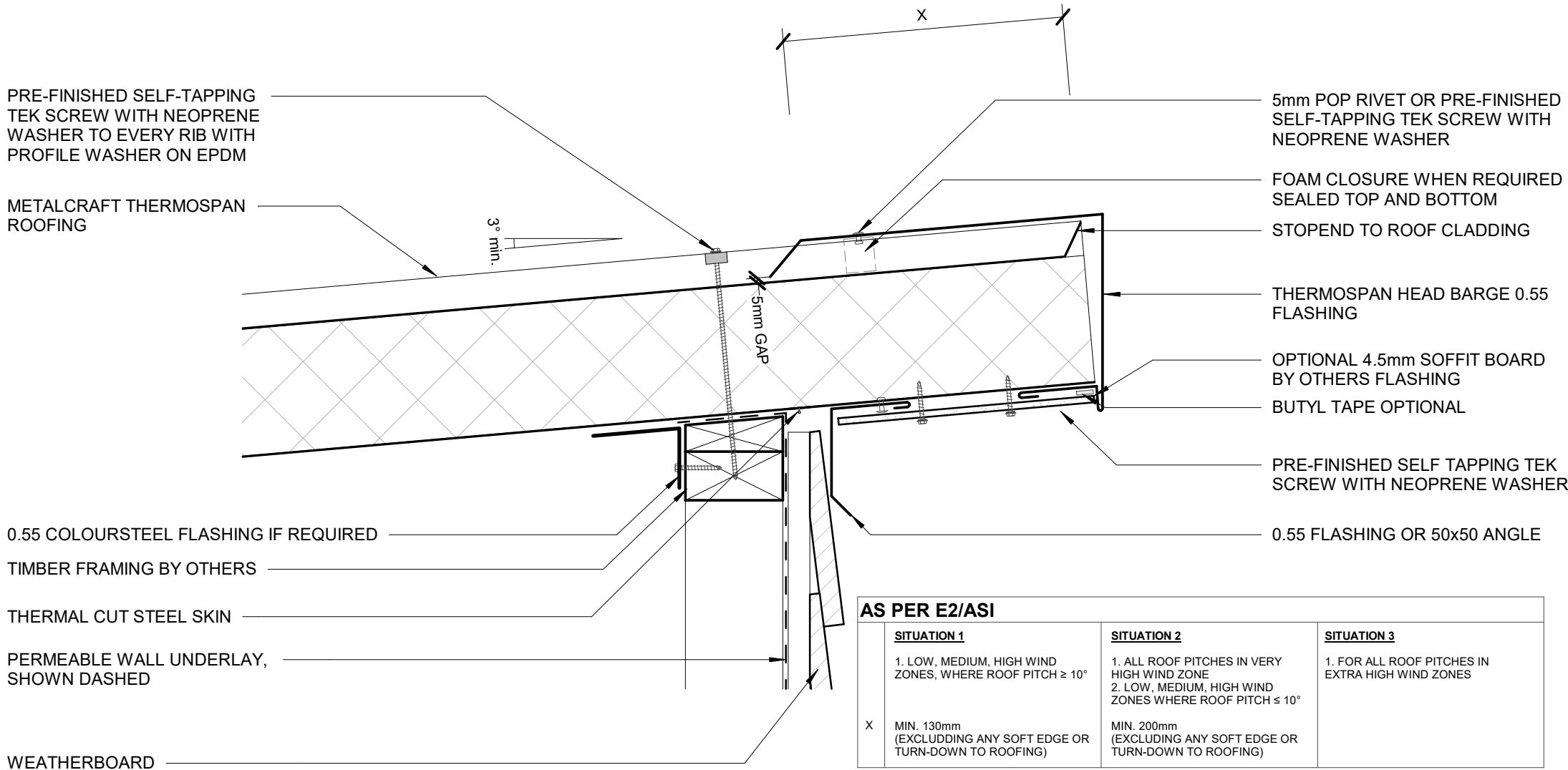


AS PER E2/ASI

| | <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 |



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 |

SAW TOOTH SOFFIT DETAIL 01

ThermoSpan EPS

Rev. 1.1

RESIDENTIAL ROOFING

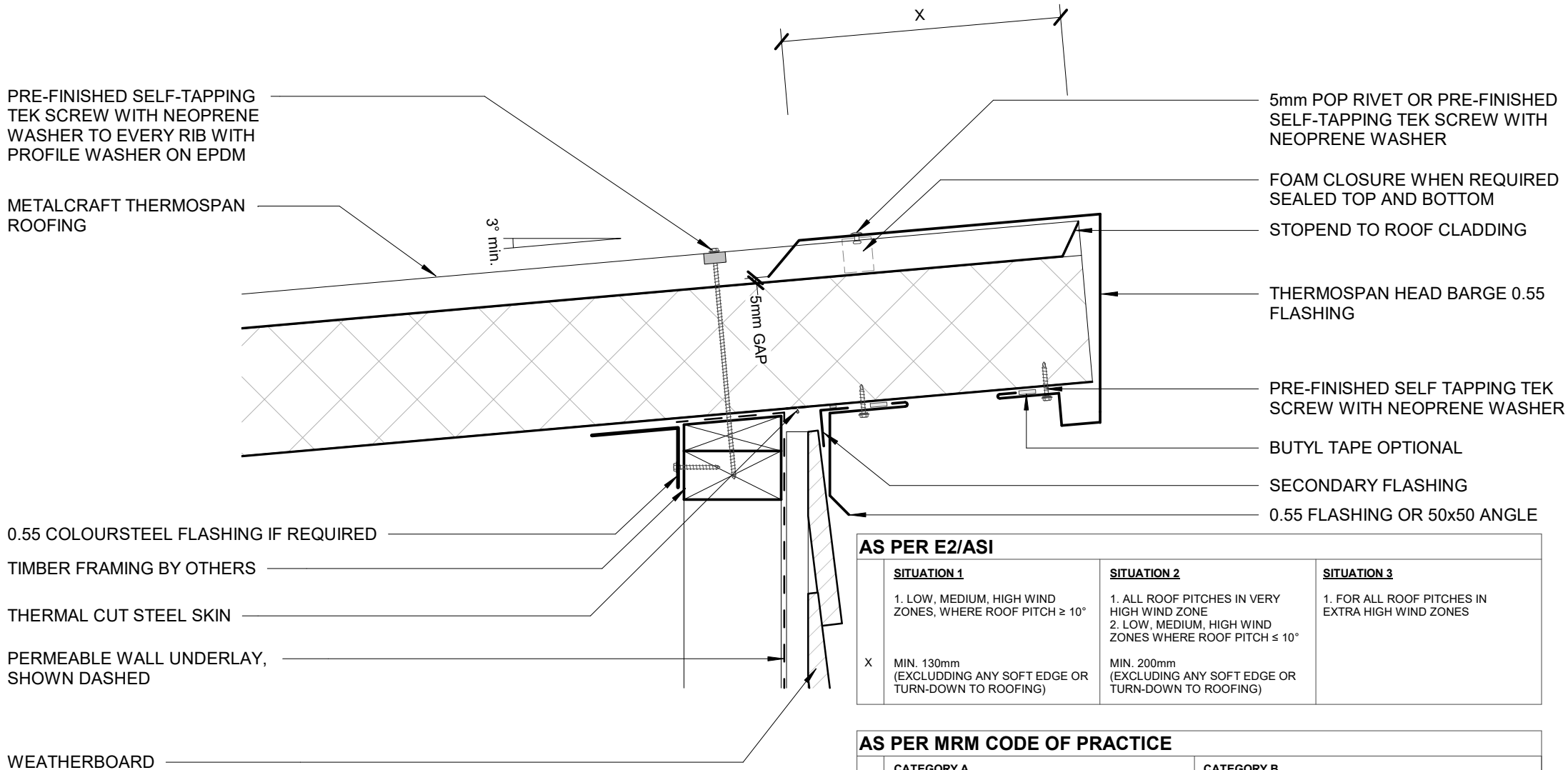
Reference RREPS

Date 30.01.2023

Scale 1 : 5

Sheet

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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 |

SAW TOOTH SOFFIT DETAIL 02

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Rev. 1.0

RESIDENTIAL ROOFING

Reference RREPS

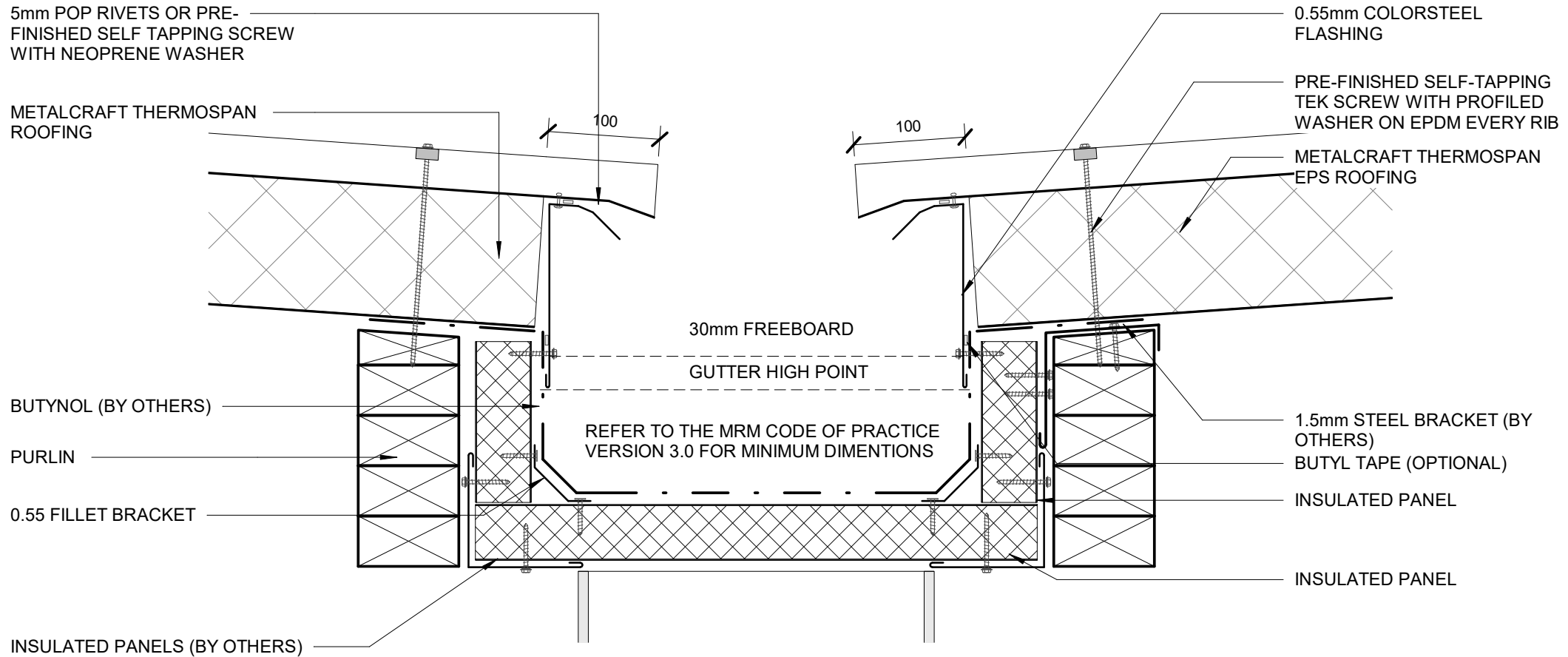
Date 30.01.2023

Scale 1 : 5

Sheet

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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 THERMOSPAN
ROOFING

PREFINISHED 0.55 VALLEY GUTTER

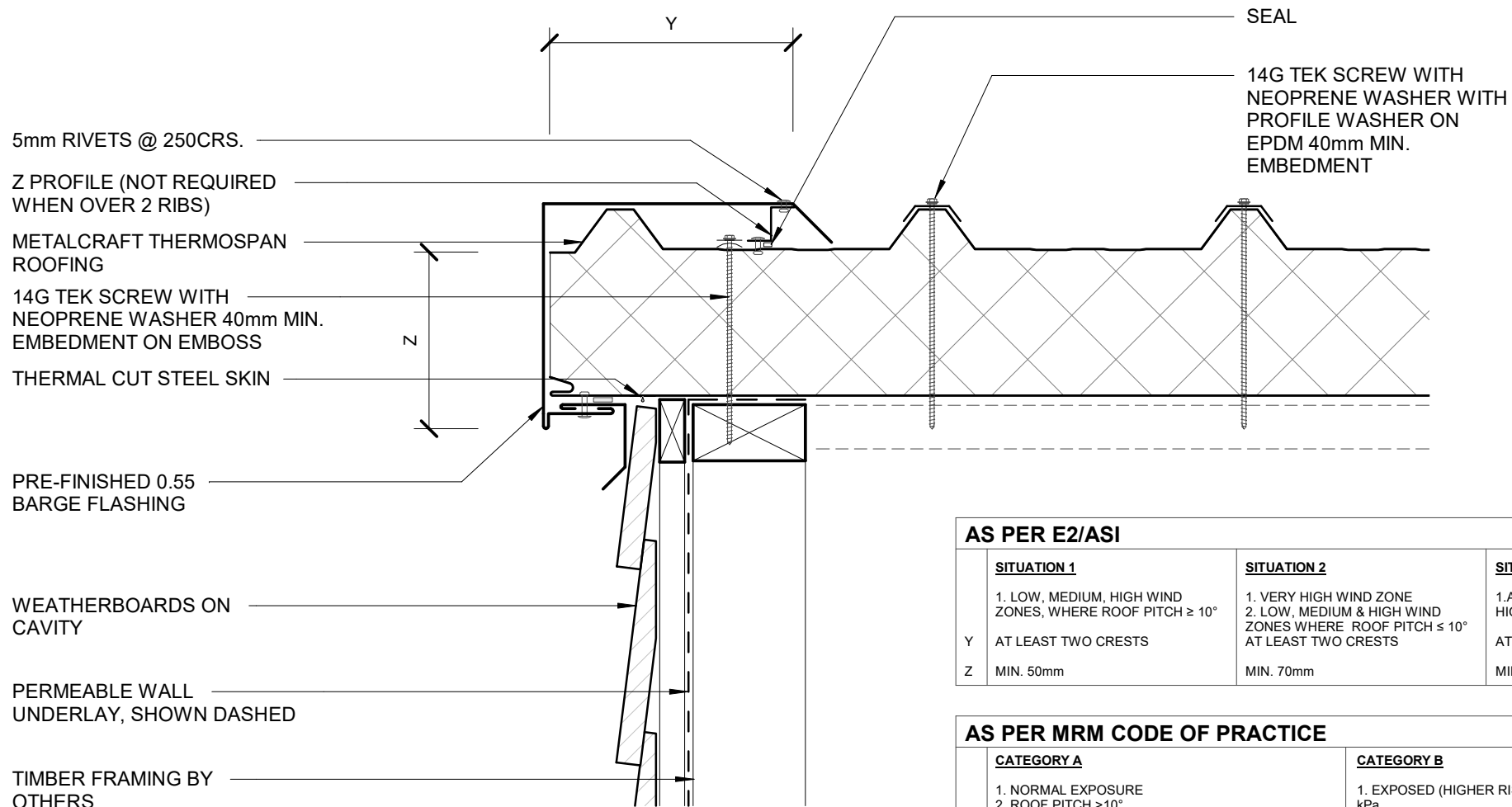
PURLIN

TIMBER BEAM
STRUCTURE BY OTHERS

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

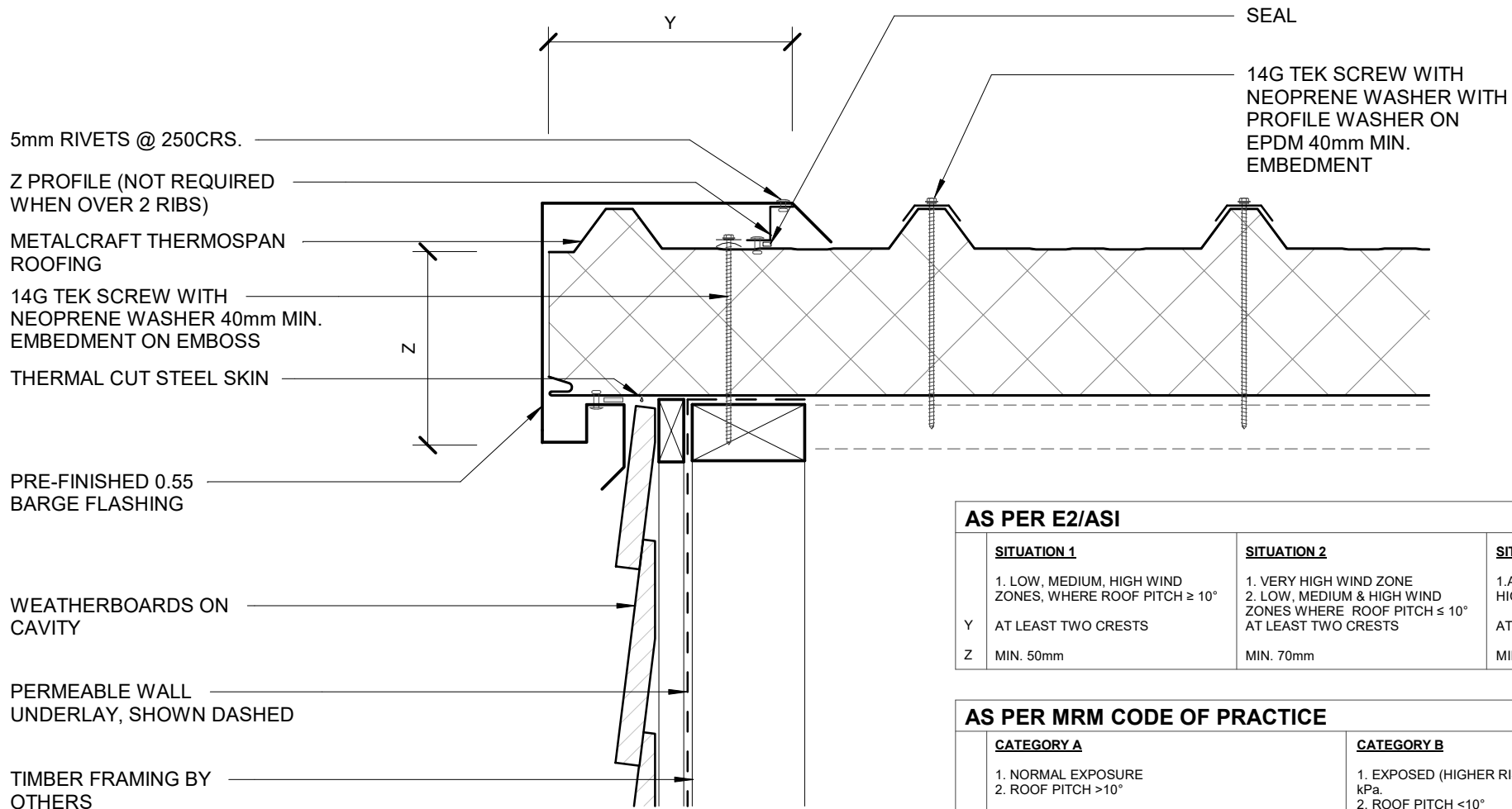
MIN. 100mm

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



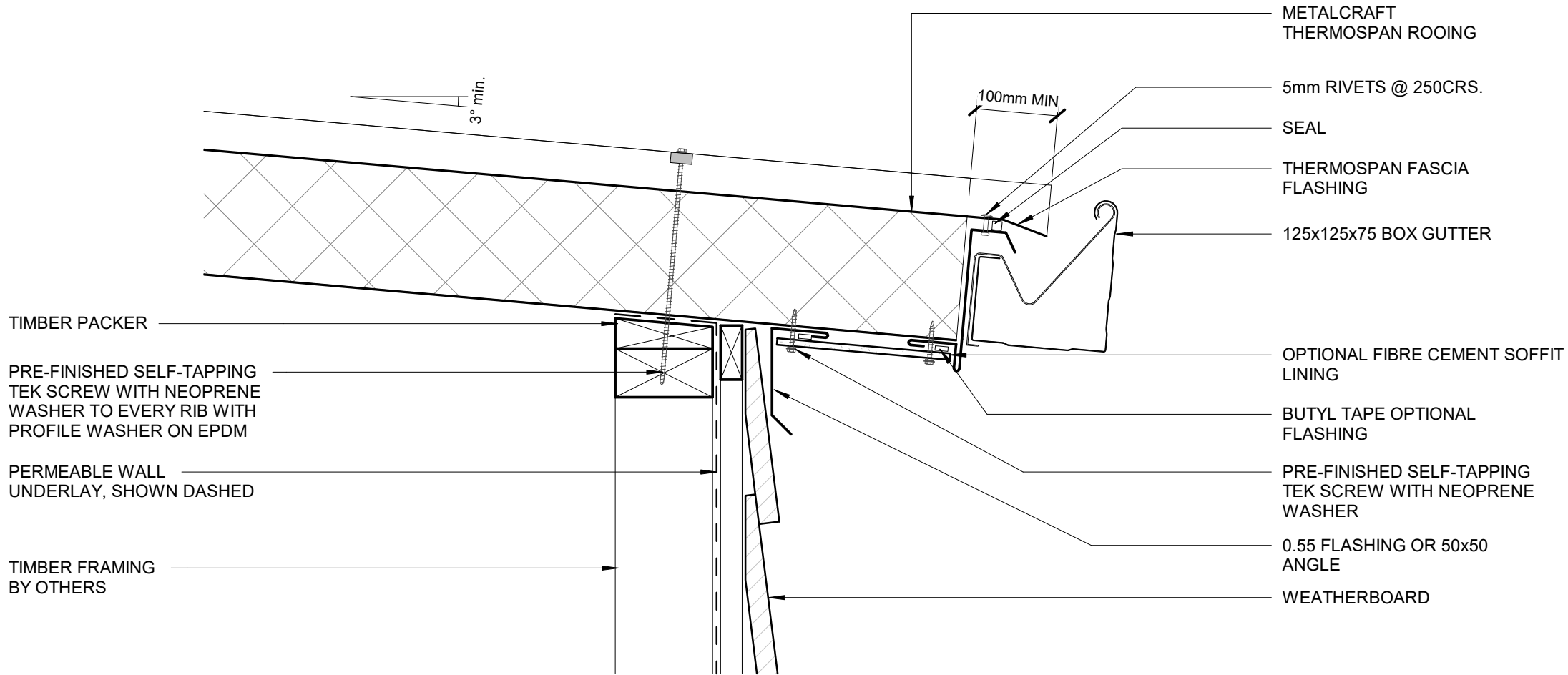
| AS PER E2/ASI | | | |
|---------------|---|---|---|
| | SITUATION 1 | SITUATION 2 | SITUATION 3 |
| | 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ | 1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ | 1. ALL ROOF PITCHES IN EXTRA HIGH WIND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

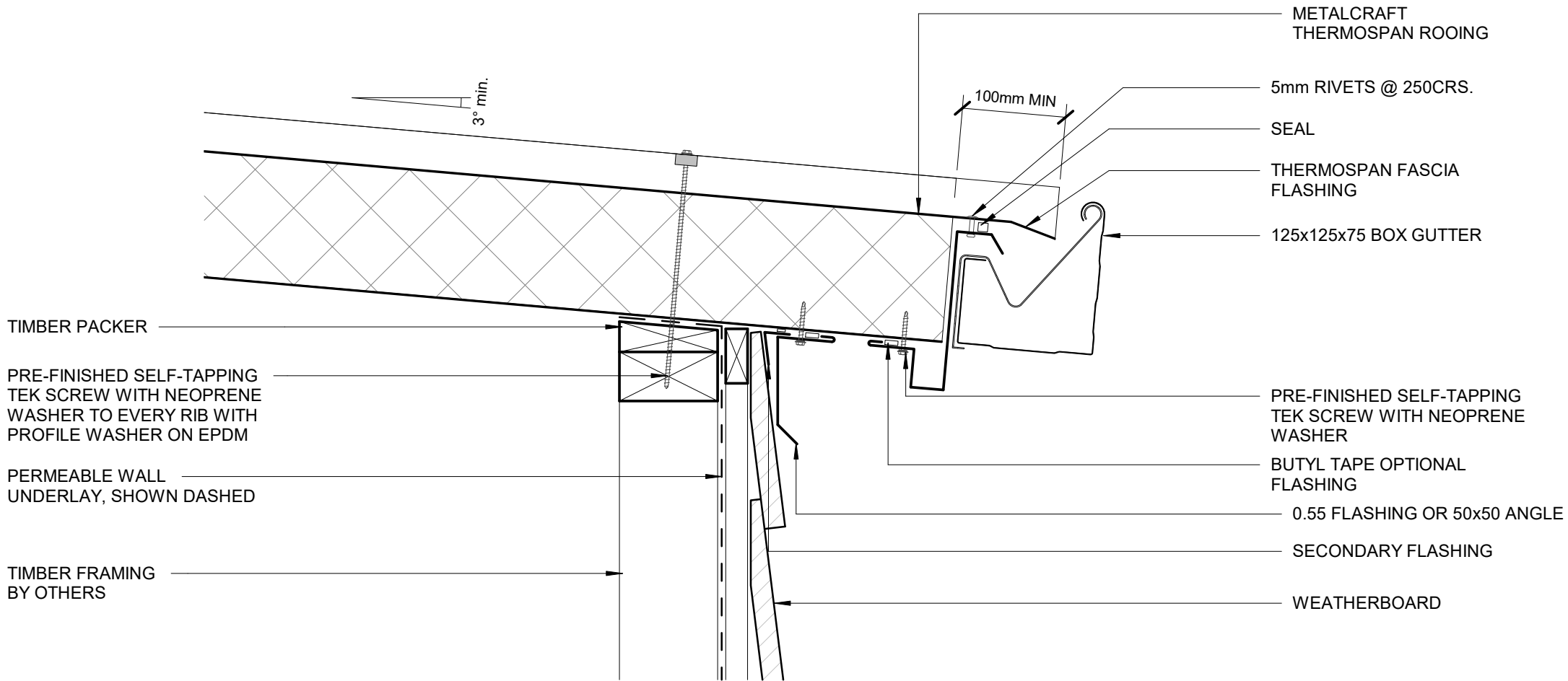


| AS PER E2/ASI | | | |
|---------------|---|---|---|
| | SITUATION 1 | SITUATION 2 | SITUATION 3 |
| | 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ | 1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ | 1. ALL ROOF PITCHES IN EXTRA HIGH WIND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



TIMBER PACKER

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

PERMEABLE WALL UNDERLAY, SHOWN DASHED

TIMBER FRAMING BY OTHERS

METALCRAFT THERMOSPAN ROOING

5mm RIVETS @ 250CRS.

SEAL

THERMOSPAN FASCIA FLASHING

125x125x75 BOX GUTTER

PRE-FINISHED SELF-TAPPING TEK SCREW WITH NEOPRENE WASHER

BUTYL TAPE OPTIONAL FLASHING

0.55 FLASHING OR 50x50 ANGLE

SECONDARY FLASHING

WEATHERBOARD

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 THERMOSPAN ROOFING

THERMOSPAN HEAD 0.55 BARGE
FLASHING

THERMAL CUT STEEL SKIN

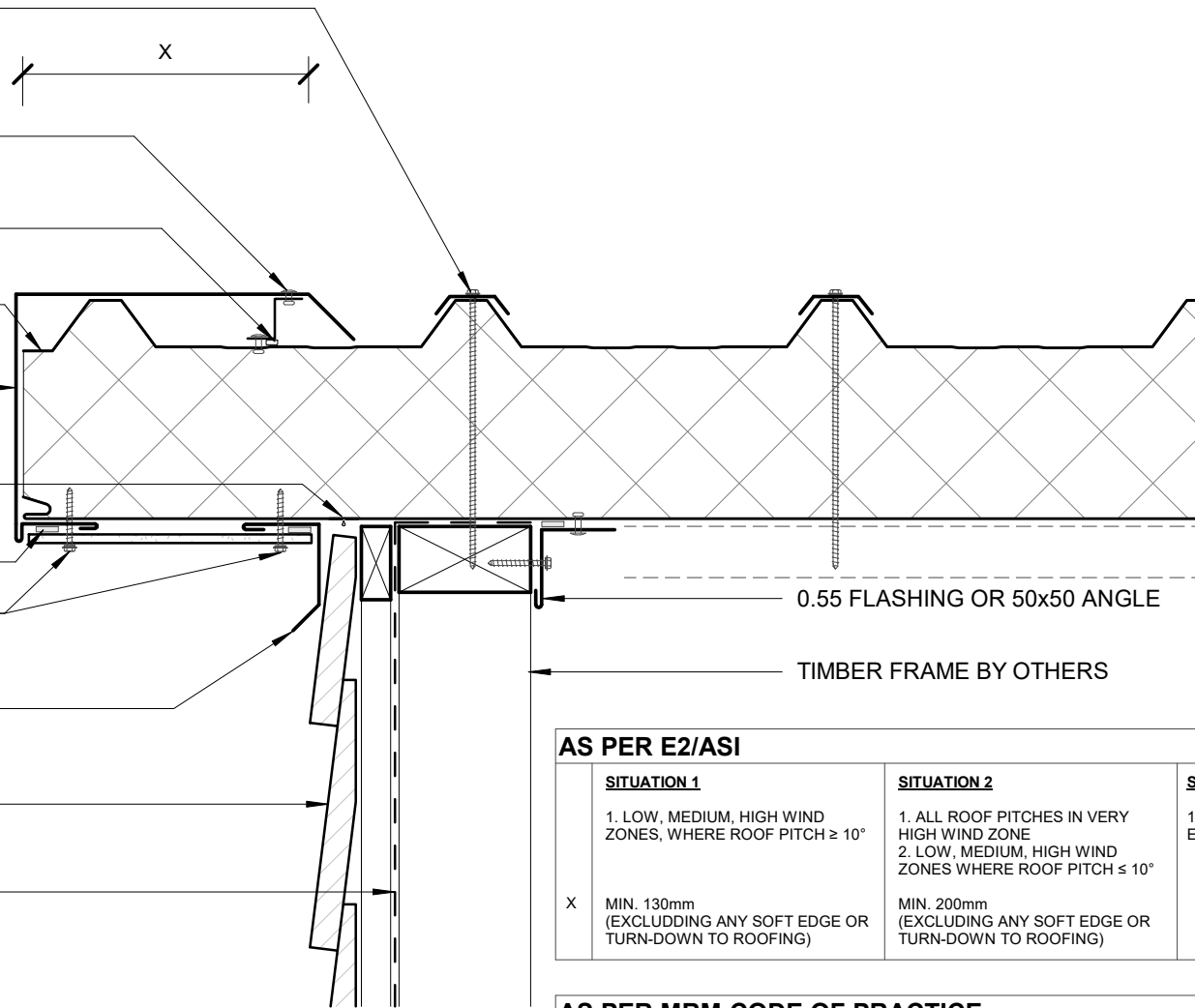
BUTYL TAPE (OPTIONAL)

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

| | 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 |

CANTILEVER BARGE CAPPING DETAIL 01

ThermoSpan EPS

Rev. 1.0

RESIDENTIAL ROOFING

Reference RREPS

Date 30.01.2023

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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 THERMOSPAN ROOFING

THERMOSPAN HEAD 0.55 BARGE
FLASHING

THERMAL CUT STEEL SKIN

BUTYL TAPE (OPTIONAL)

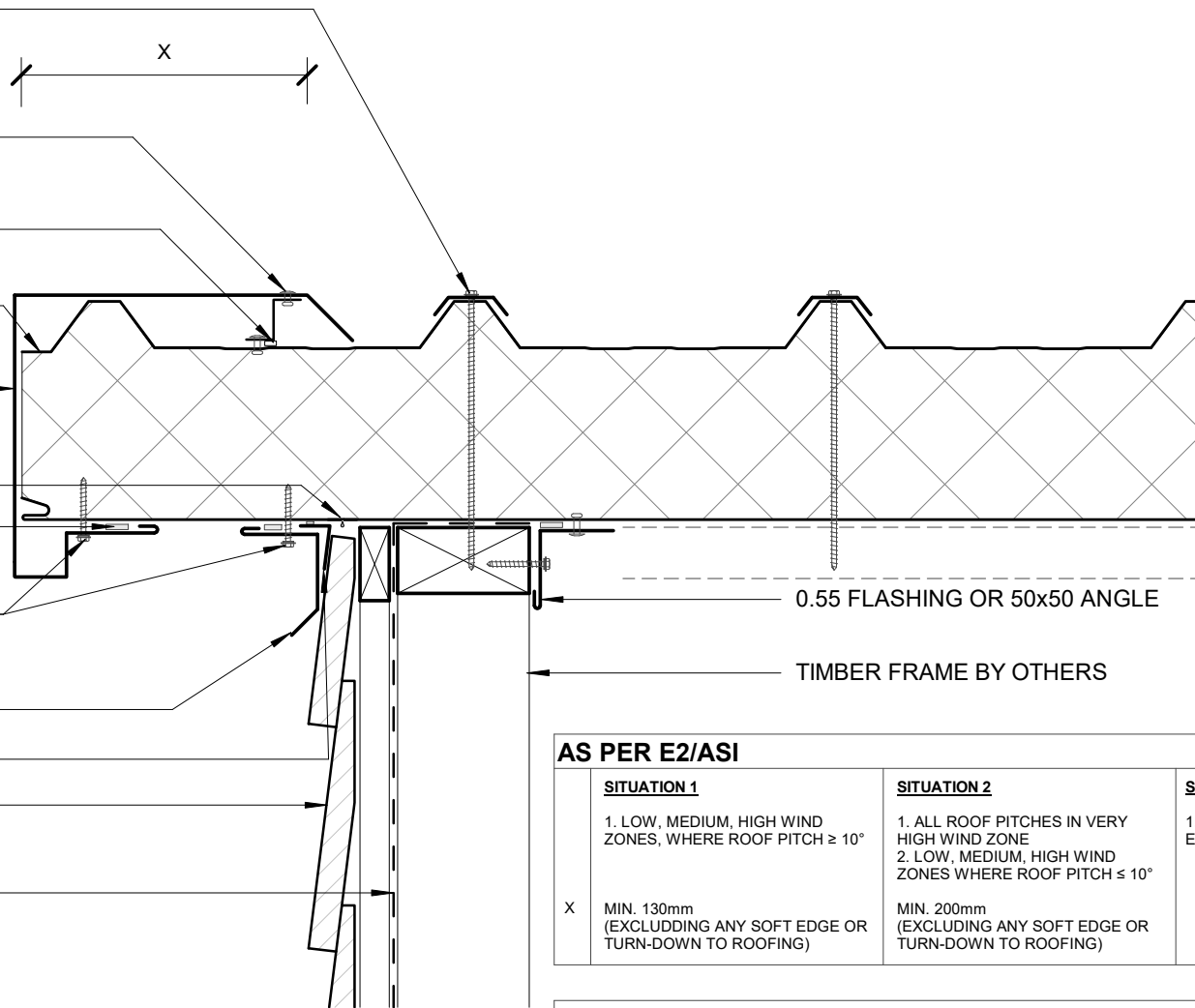
14G SELF TAPPING TEK SCREW WITH
NEOPRENE WASHER

0.55 FLASHING OR 50x50 ANGLE

SECONDARY FLASHING

WEATHERBOARDS ON CAVITY

PERMEABLE WALL UNDERLAY,
SHOWN DASHED



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 |

CANTILEVER BARGE CAPPING DETAIL 02

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RESIDENTIAL ROOFING

Reference RREPS

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Scale 1 : 5

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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

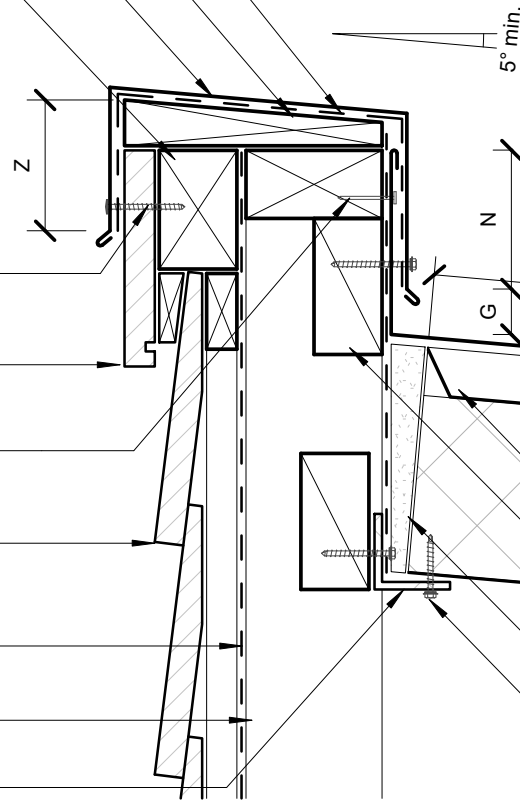
STST OR GALV. FLAT HEAD NAIL FOR FLASHING

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

PRE-FINISHED APRON FLASHING

STOPENDS TO ROOF CLADDING

TIMBER NOG FOR FIXING APRON FLASHING

FOAM FILL

SELF TAPPING TEK SCREW WITH NEOPRENE WASHER

PARAPET WITH TRANSVERSE APRON

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RESIDENTIAL ROOFING

Reference RREPS

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Scale 1 : 5

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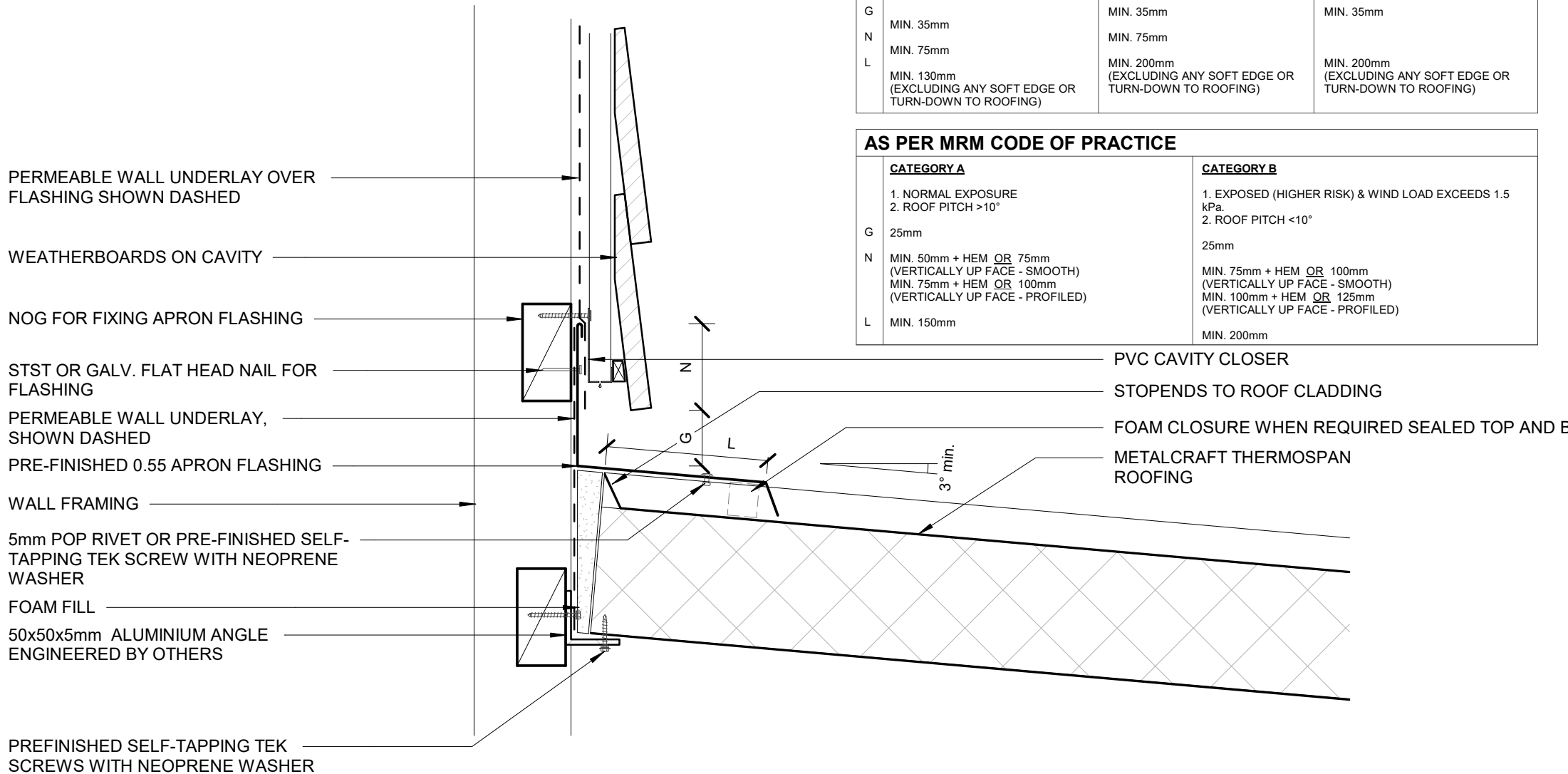
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AS PER E2/ASI

| | <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 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 |

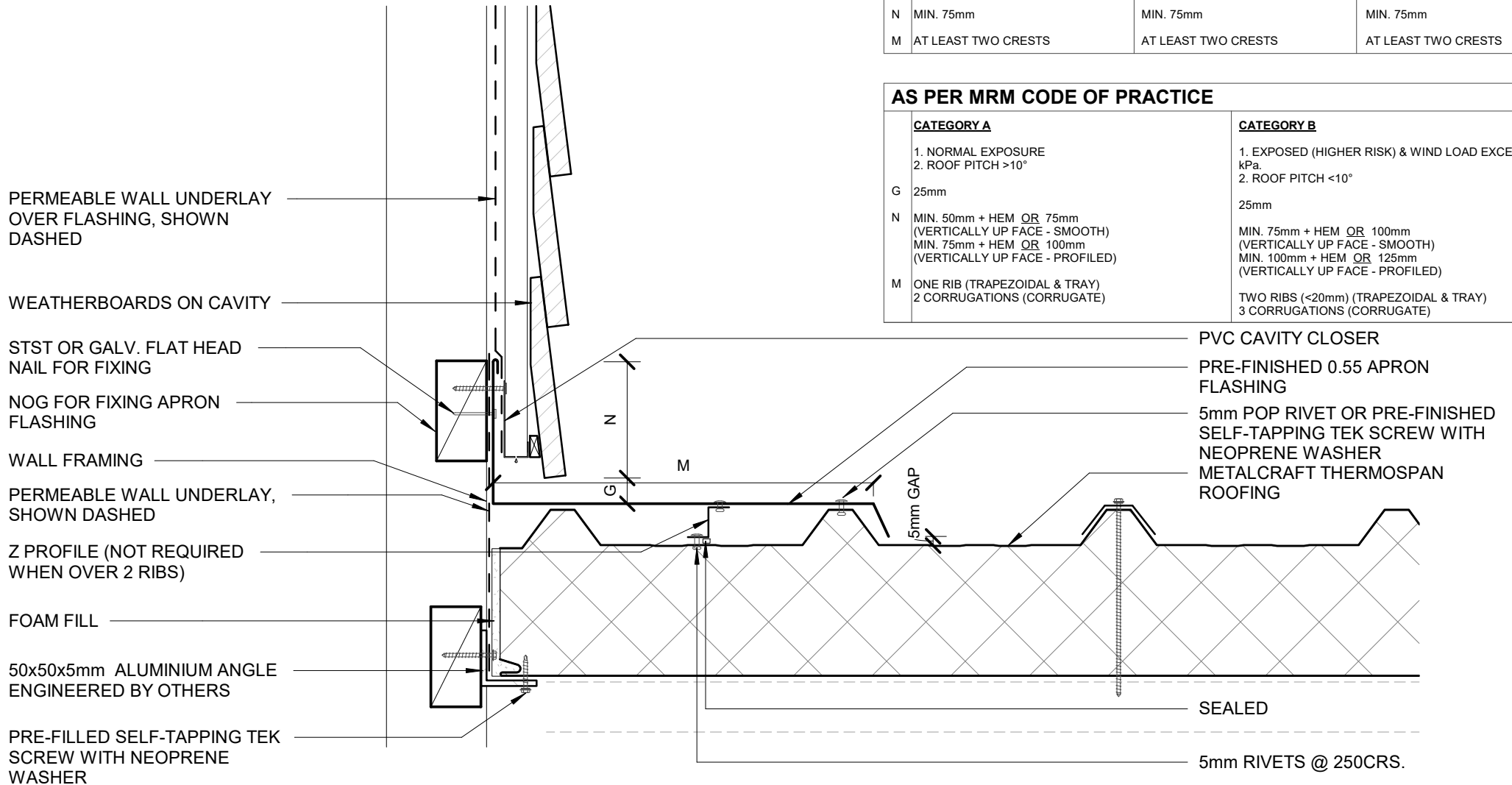


AS PER E2/ASI

| | 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 |

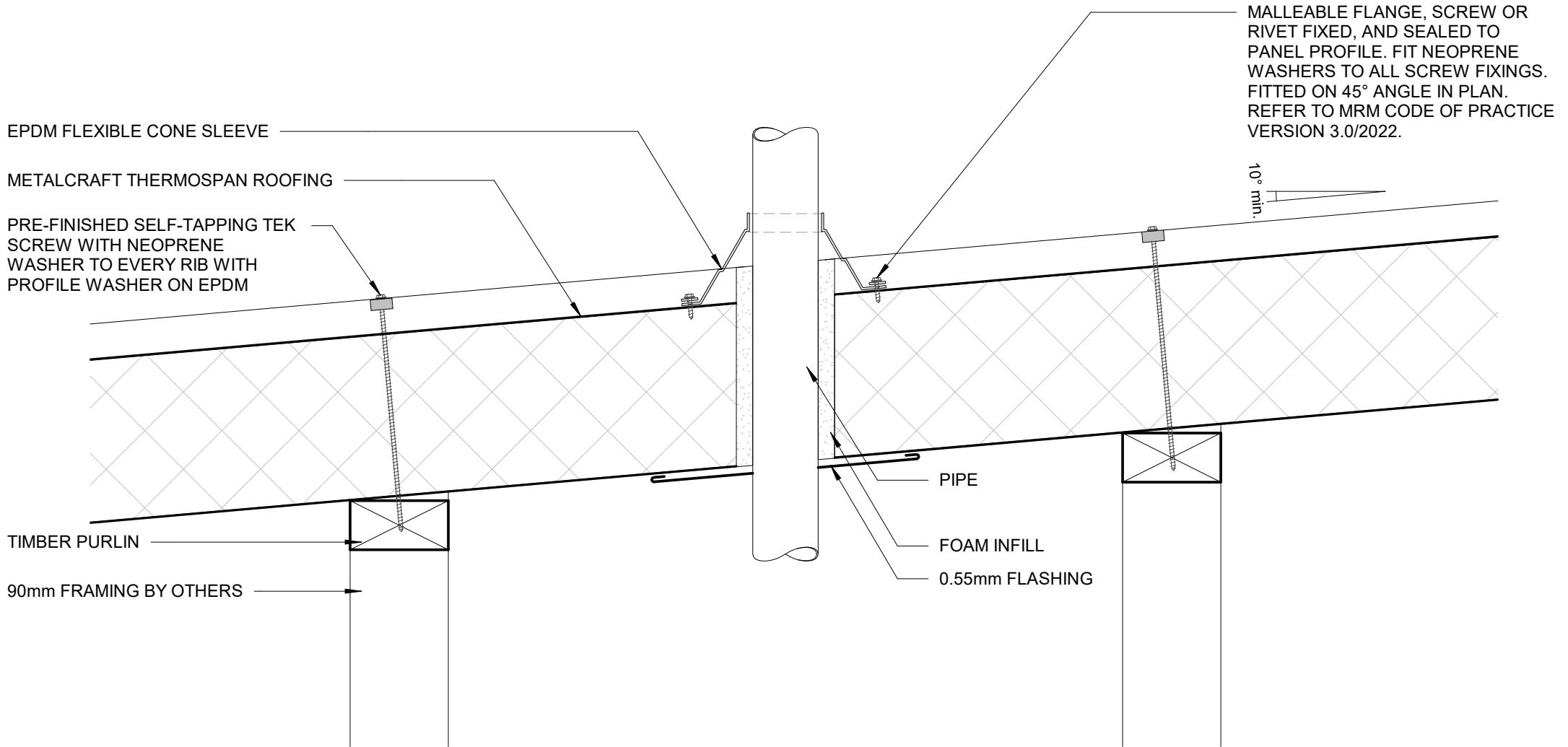
AS PER MRM CODE OF PRACTICE

| | 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 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



PIPE PENETRATION DIRECT FIXED BOOT FLASHING

ThermoSpan EPS

Rev. 1.0

RESIDENTIAL ROOFING

Reference RREPS

Date 30.01.2023

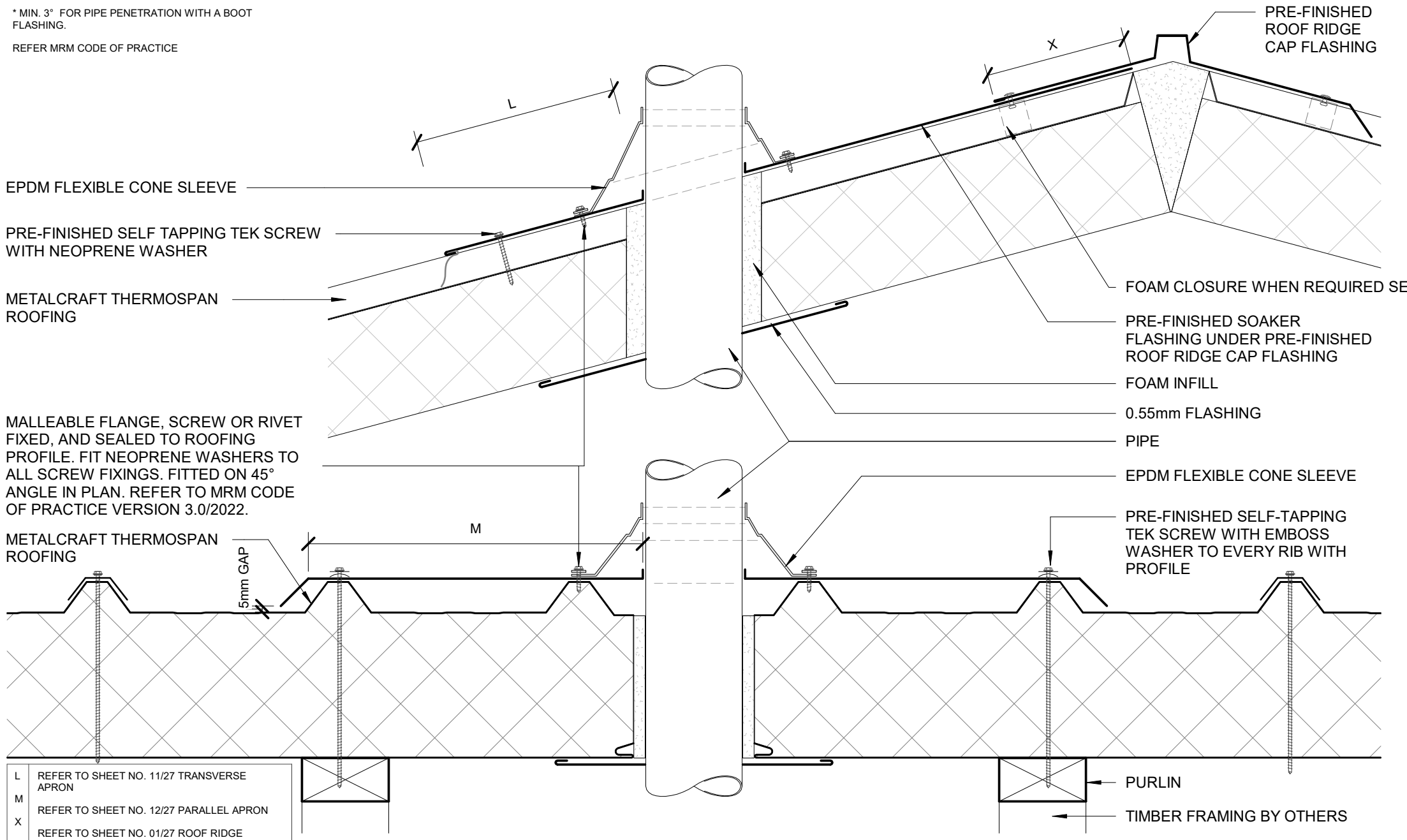
Scale 1 : 5

Sheet

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

REFER MRM CODE OF PRACTICE



| | |
|---|---|
| L | REFER TO SHEET NO. 11/27 TRANSVERSE APRON |
| M | REFER TO SHEET NO. 12/27 PARALLEL APRON |
| X | REFER TO SHEET NO. 01/27 ROOF RIDGE |

PIPE PENETRATION BACK TRAY BOOT FLASHING

ThermoSpan EPS

Rev. 1.0

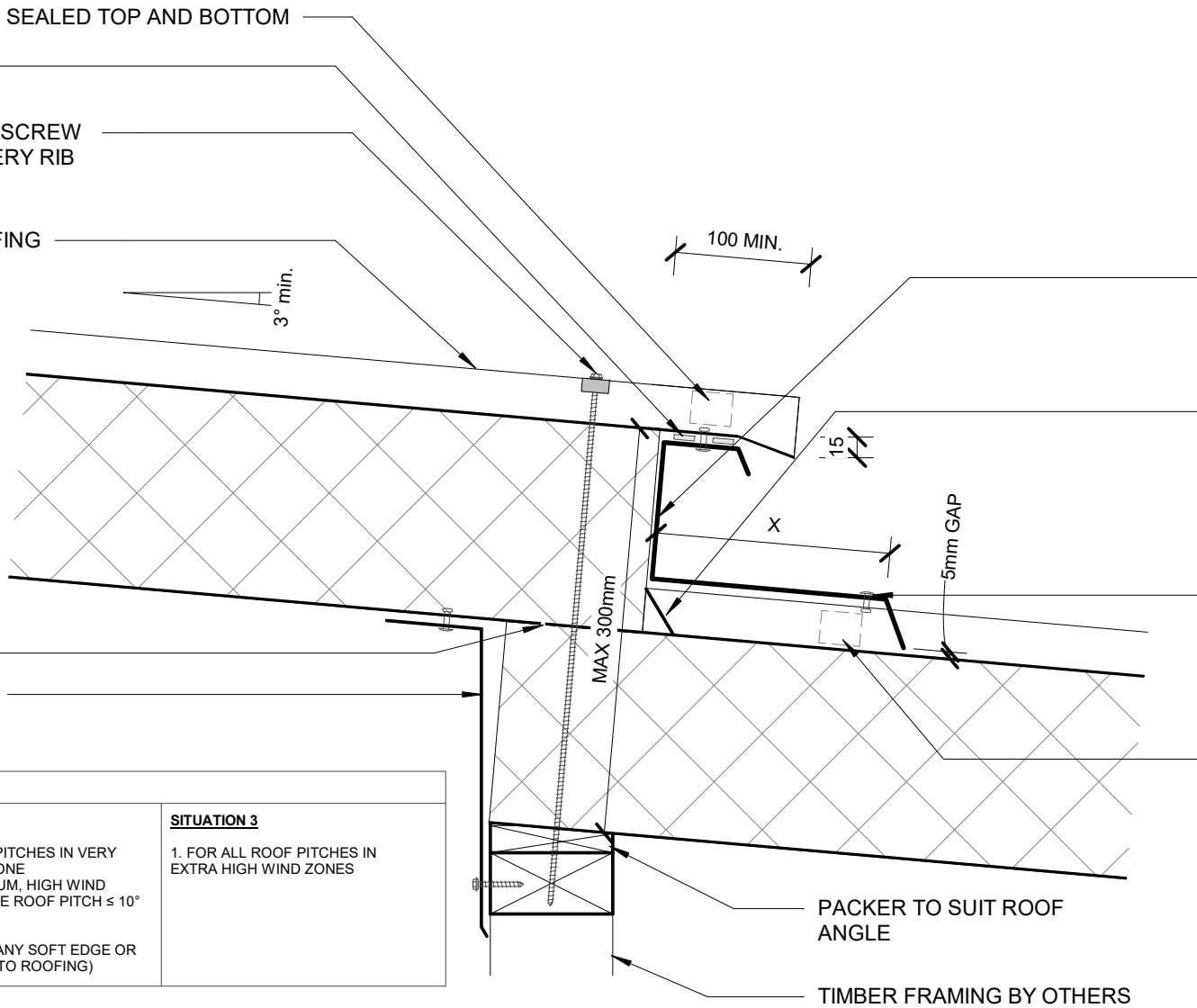
RESIDENTIAL ROOFING

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 THERMOSPAN ROOFING



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

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.

ALLOW THERMAL BREAK

0.55mm BMT COLORSTEEL ANGLE

PACKER TO SUIT ROOF ANGLE

TIMBER FRAMING 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. 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 |

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ThermoSpan EPS

Rev. 1.0

Reference RREPS

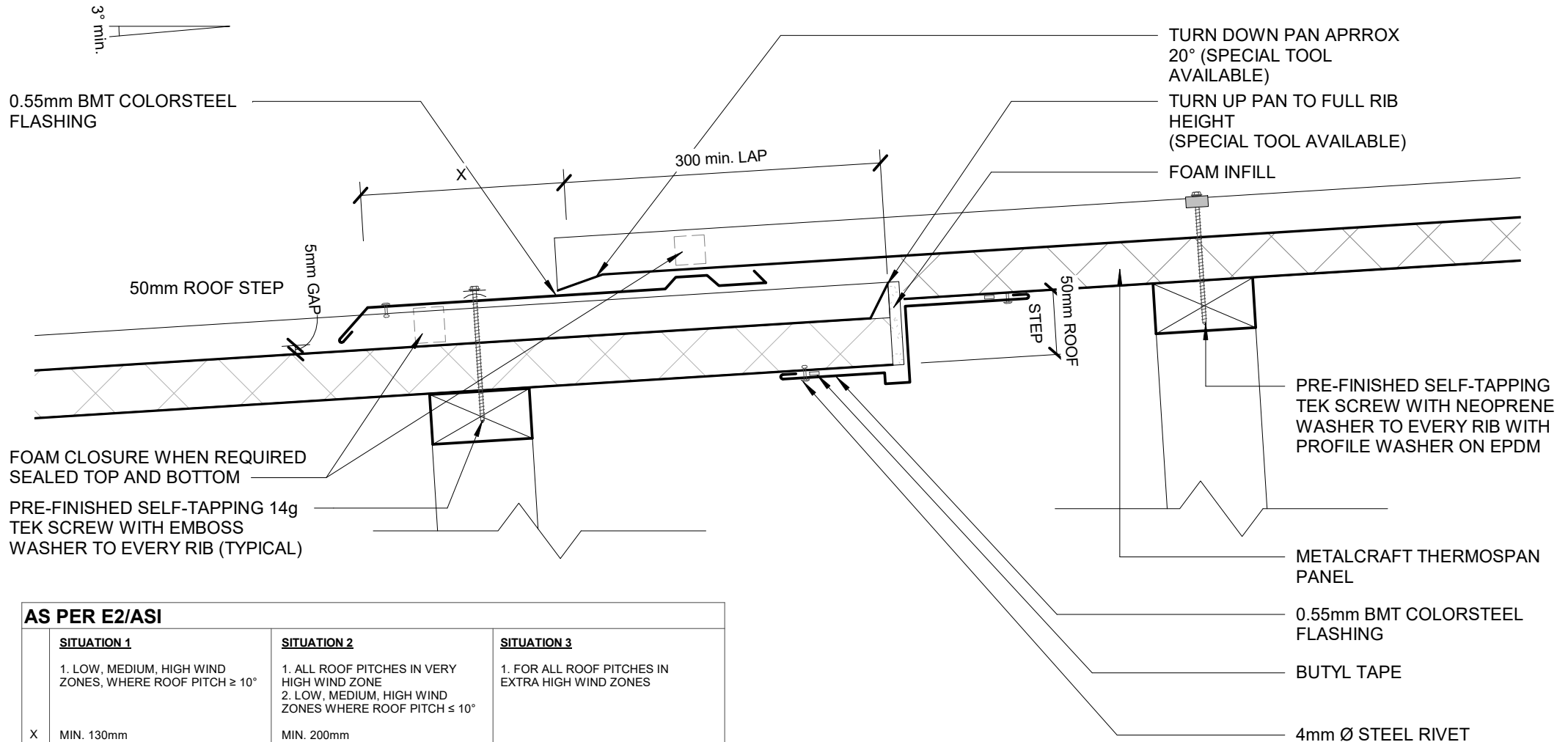
Date 30.01.2023

RESIDENTIAL STEP DETAIL
RESIDENTIAL ROOFING

Scale 1 : 5

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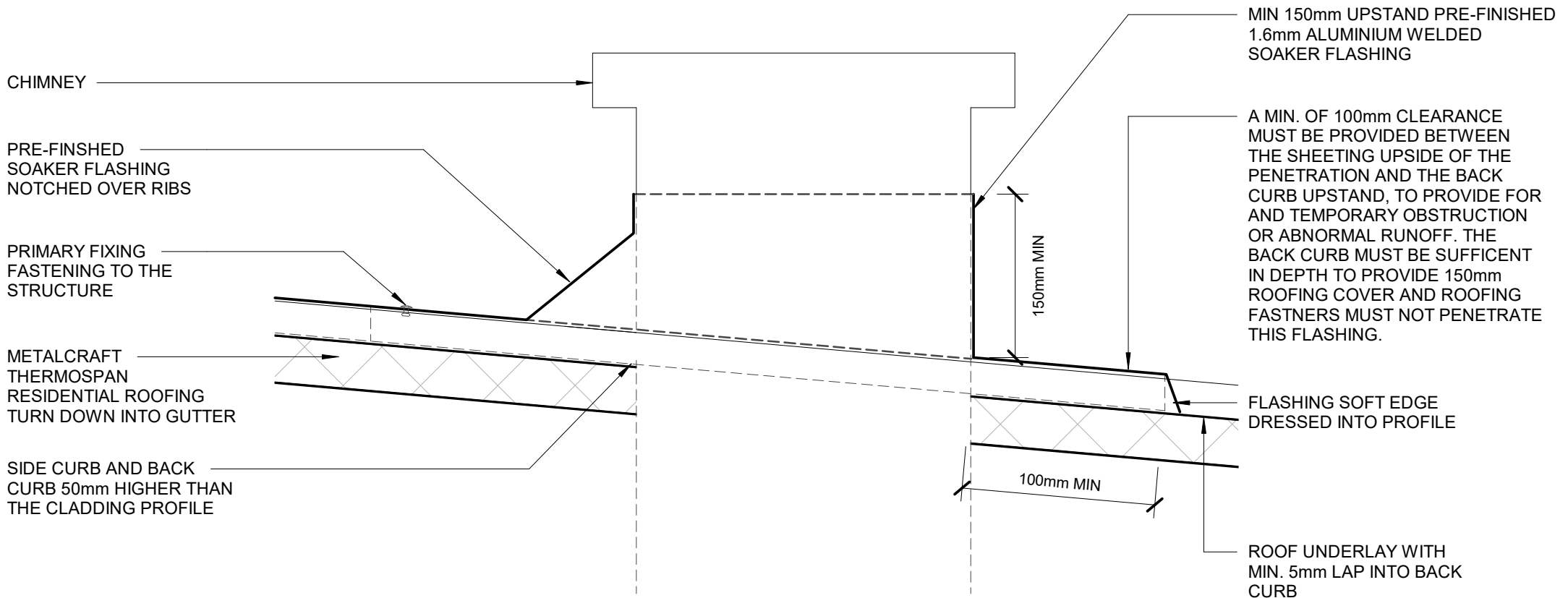
AS PER E2/ASI

| | <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



CHIMNEY PENETRATION DETAIL
RESIDENTIAL ROOFING

TEK SCREW WITH
NEOPRENE WASHER

STITCHING 14G TEK
SCREW, OPTIONAL

METALCRAFT Aspire
ROOFING

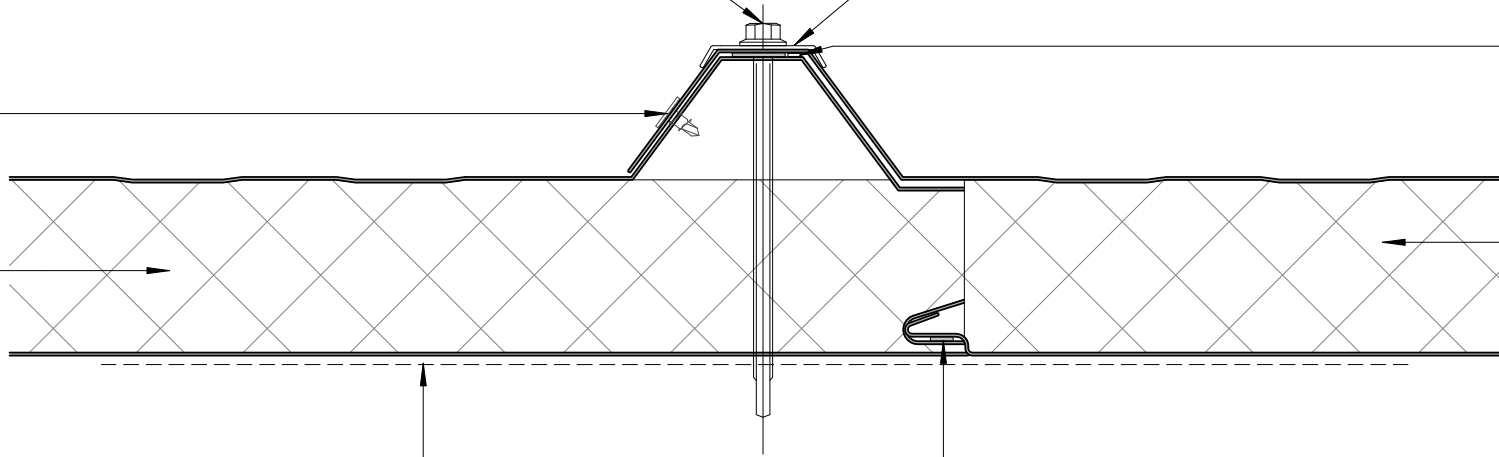
ROOF SUPPORT STRUCTURE
(BY OTHERS)

ROOF WASHER ON
EPDM WASHER

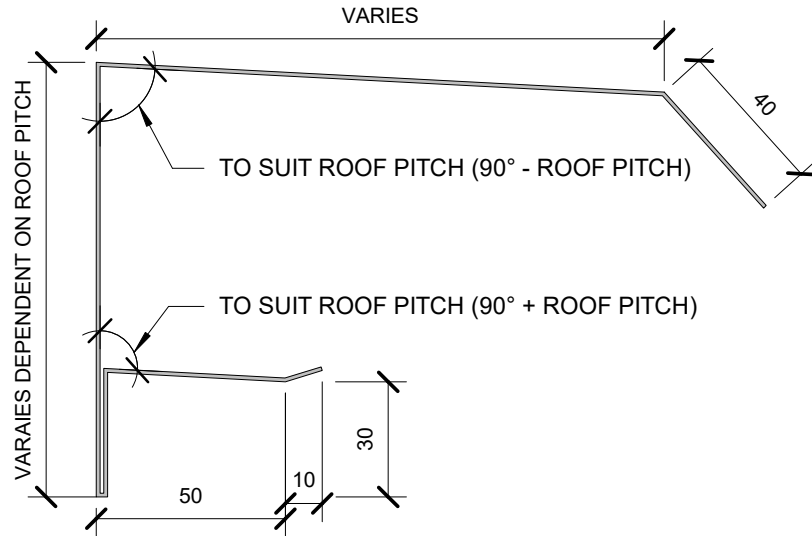
BUTYL TAPE SEALANT

METALCRAFT Aspire
ROOFING

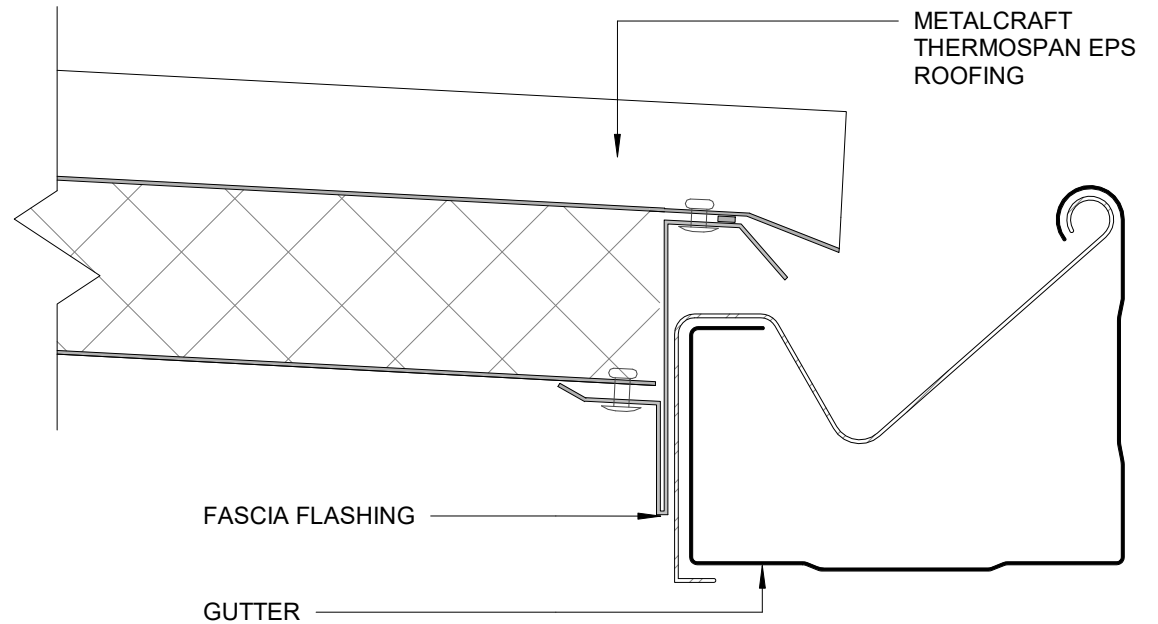
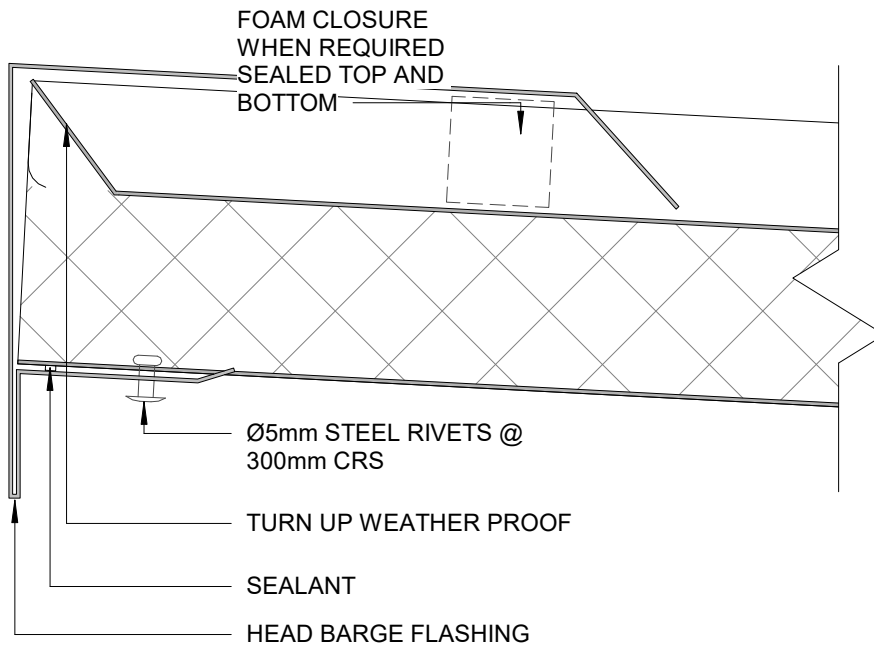
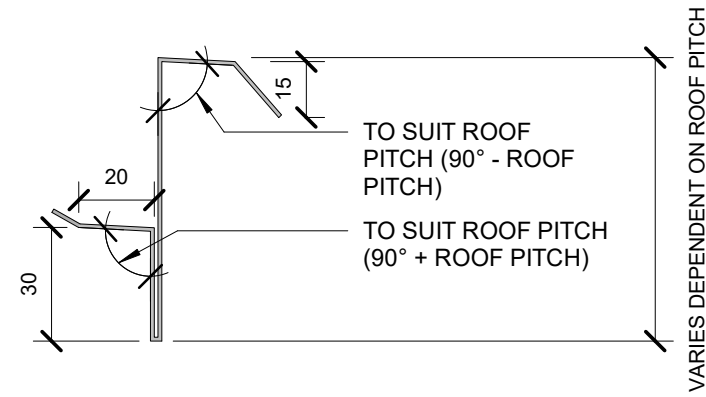
6x4mm BUTYL TAPE
SEALANT (WHERE
OPTIMUM SEALING IS
REQUIRED)



THERMOSPAN HEAD BARGE FLASHING



THERMOSPAN FASCIA FLASHING



FASCIA AND BARGE FLASHING DIMENSIONS

ThermoSpan EPS

Rev. 1.1

RESIDENTIAL ROOFING

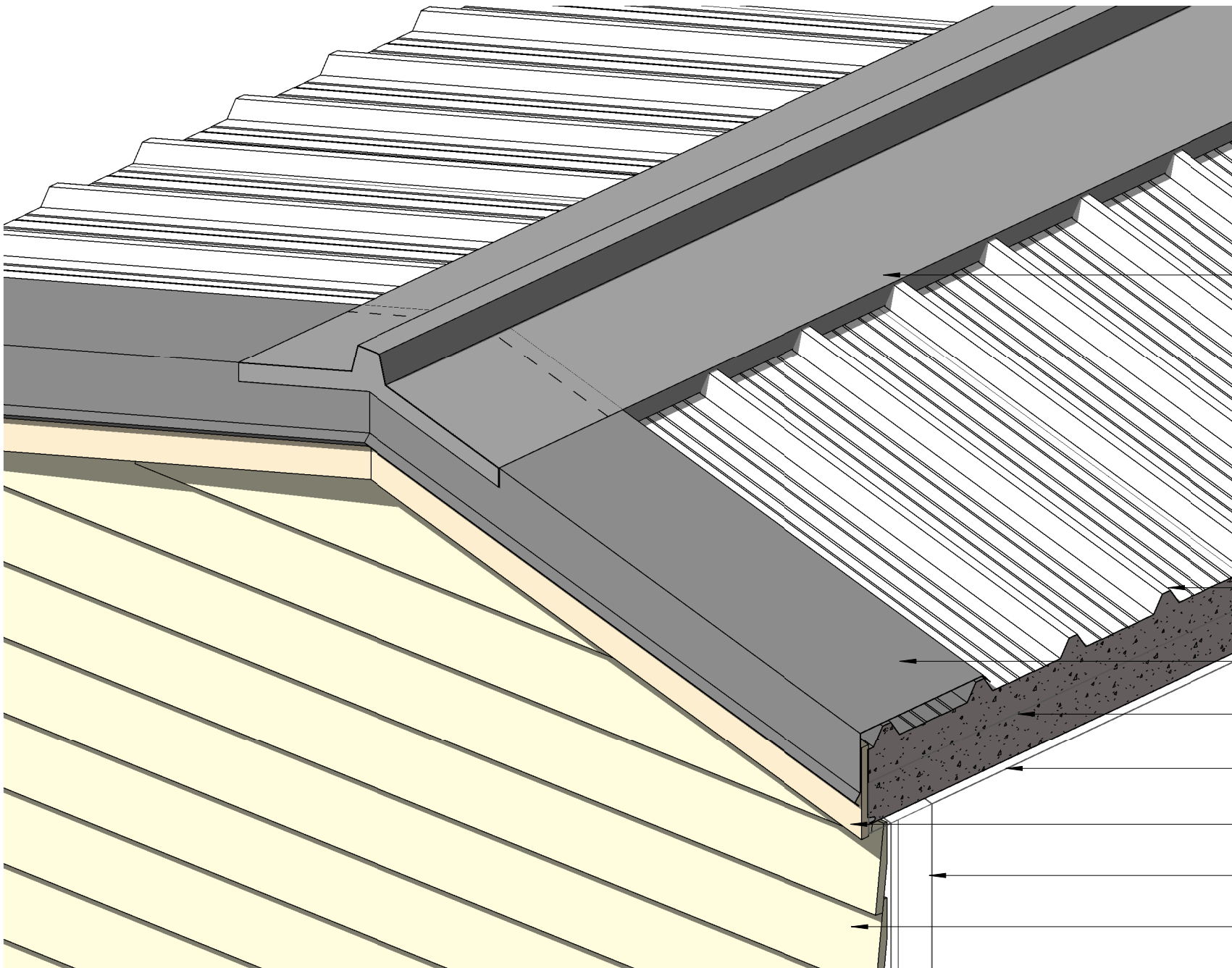
Reference RREPS

Date 30.01.2023

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 THERMOSPAN

PRE-FINISHED BARGE FLASHING

PURLIN

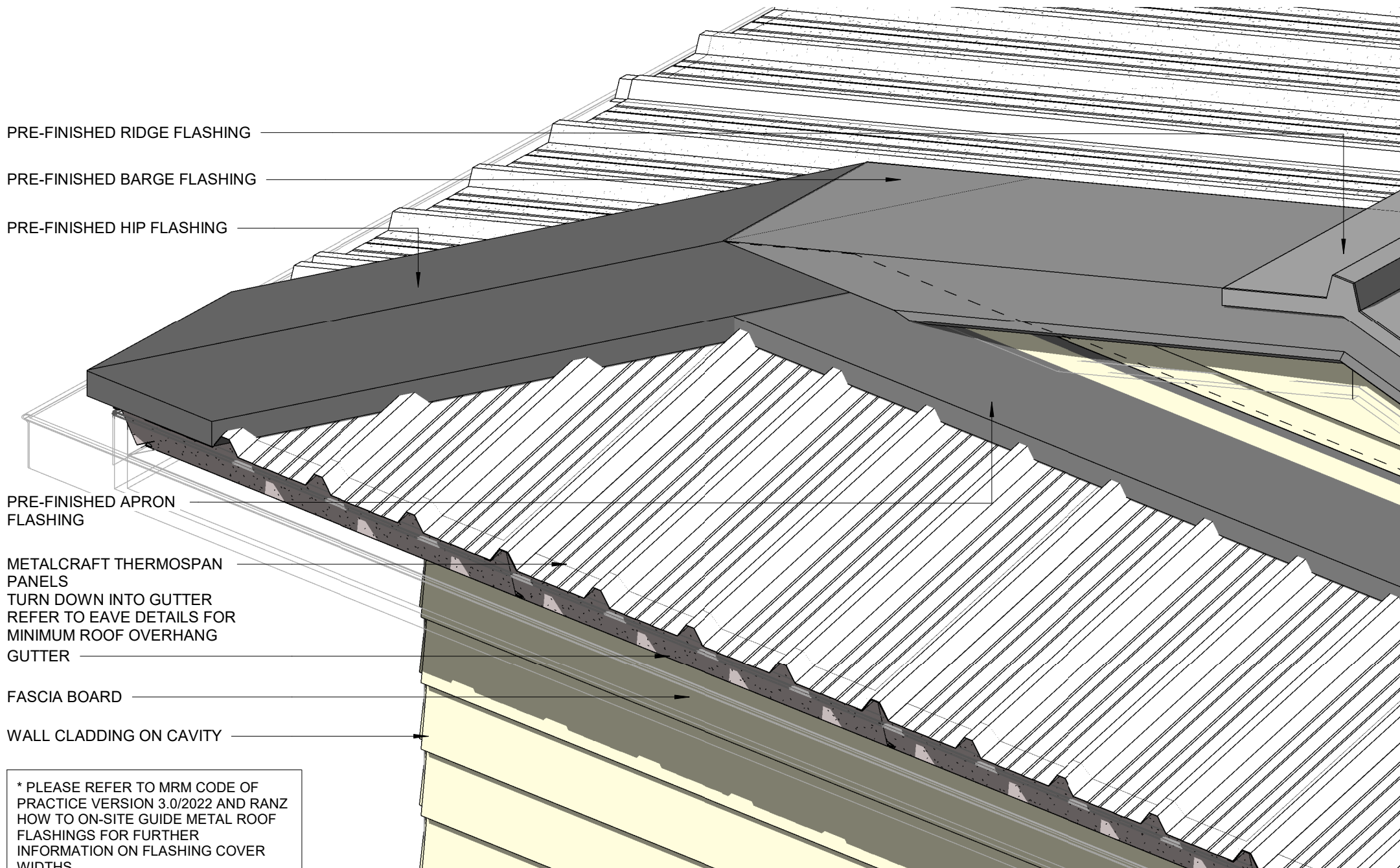
ROOF FRAMING

FASCIA BOARD

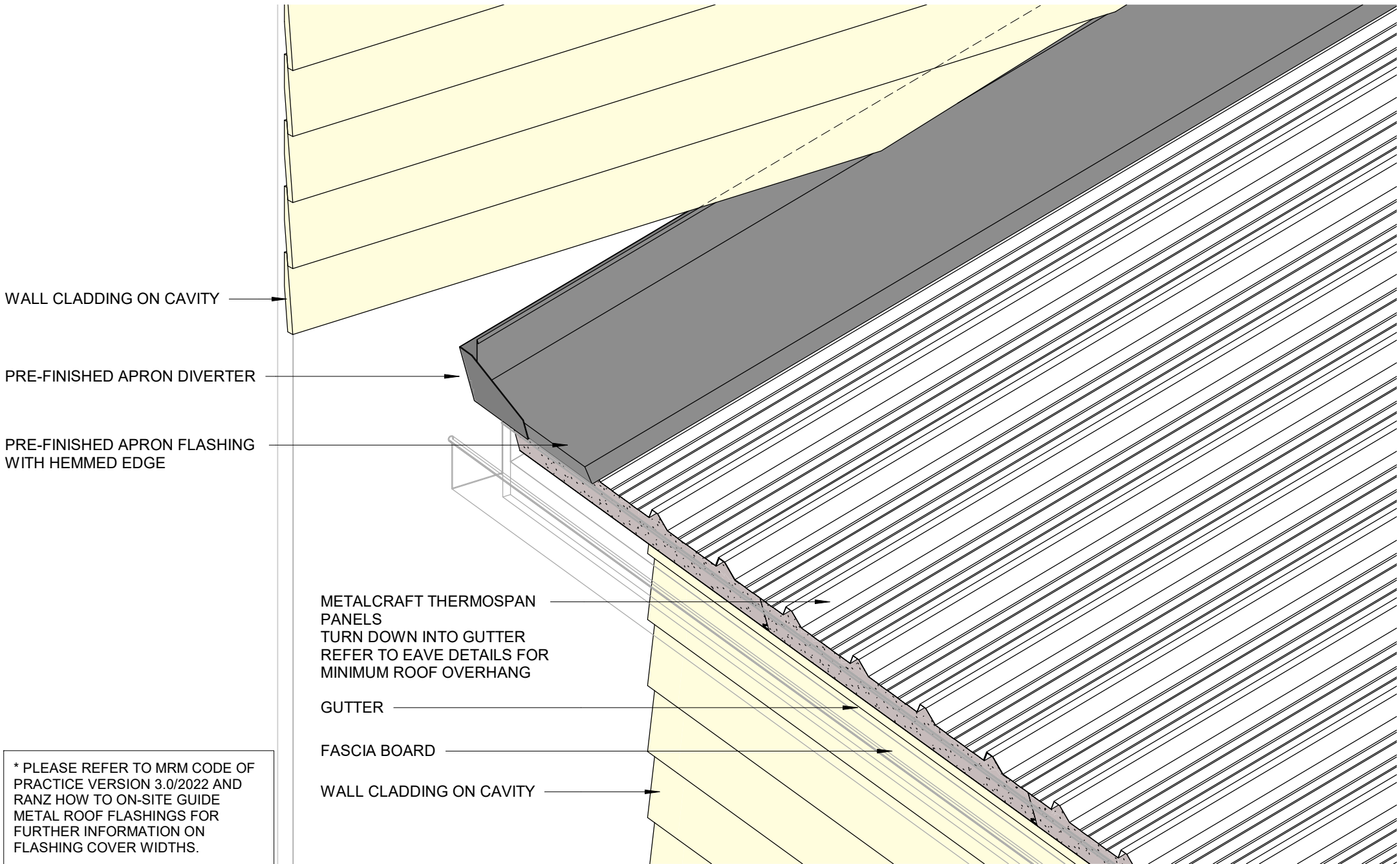
WALL FRAMING

WALL CLADDING ON CAVITY

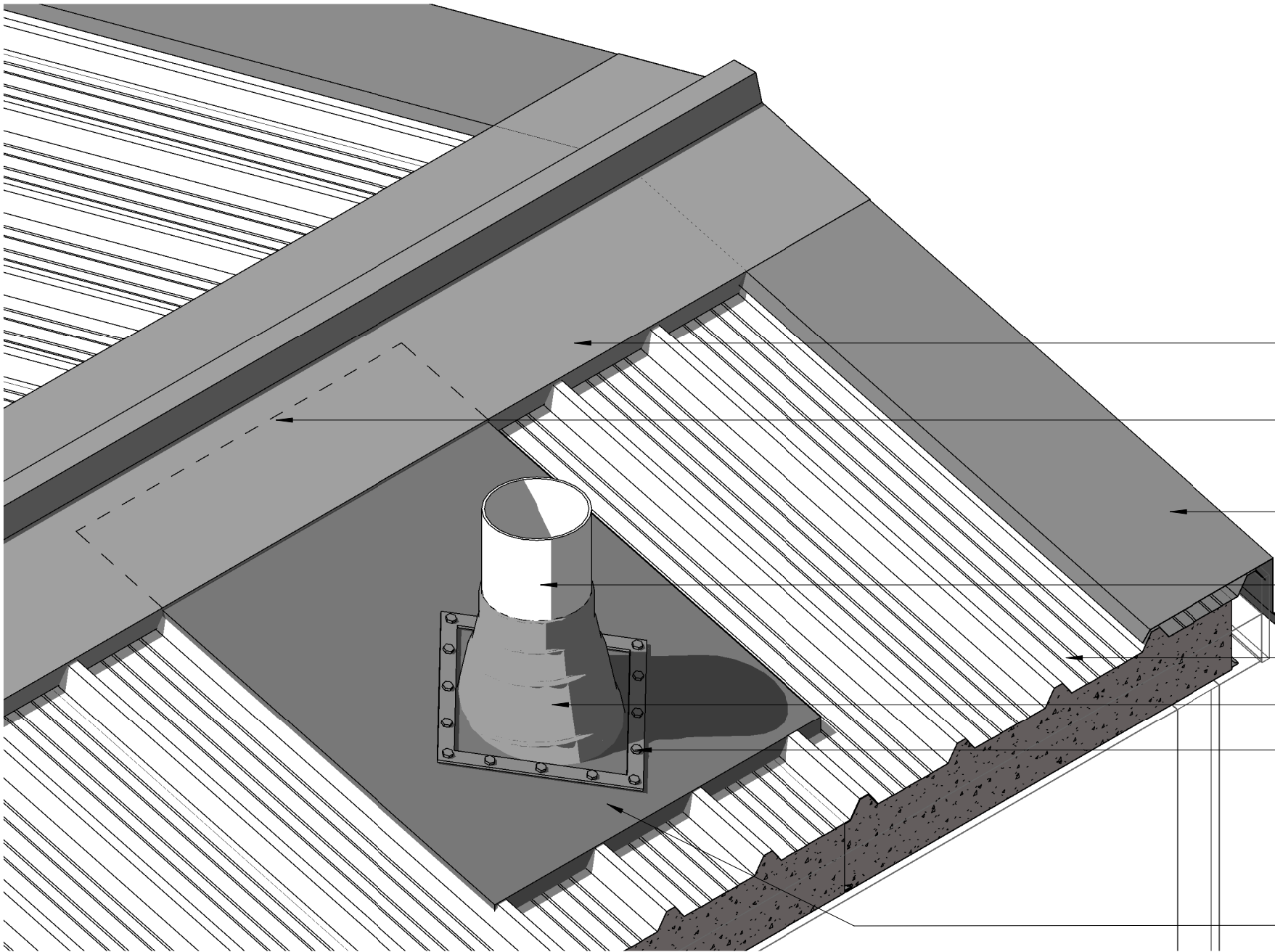
3D RIDGE TO BARGE JUCTION
RESIDENTIAL ROOFING



* 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.



* 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.



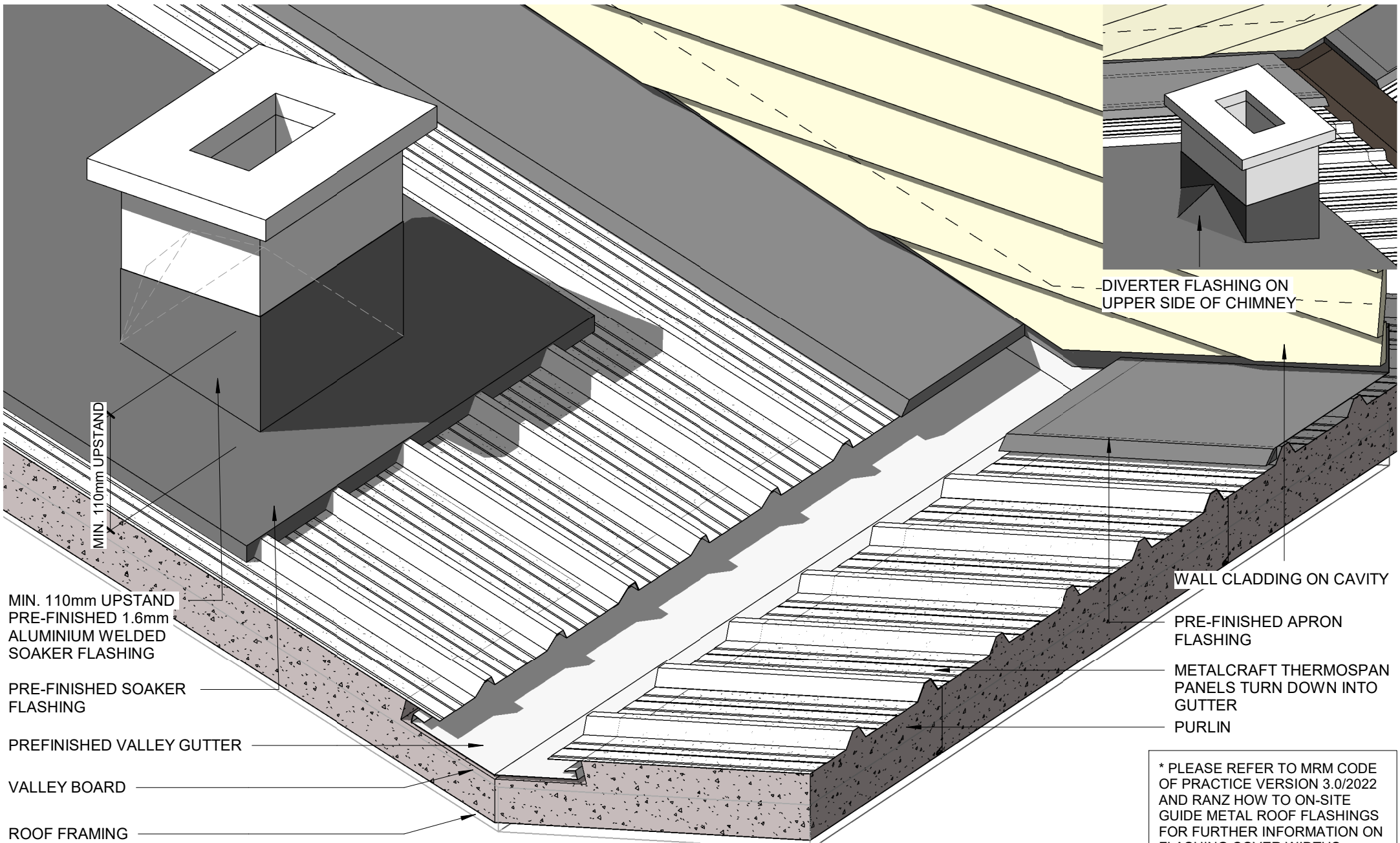
* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

- 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 THERMOSPAN 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

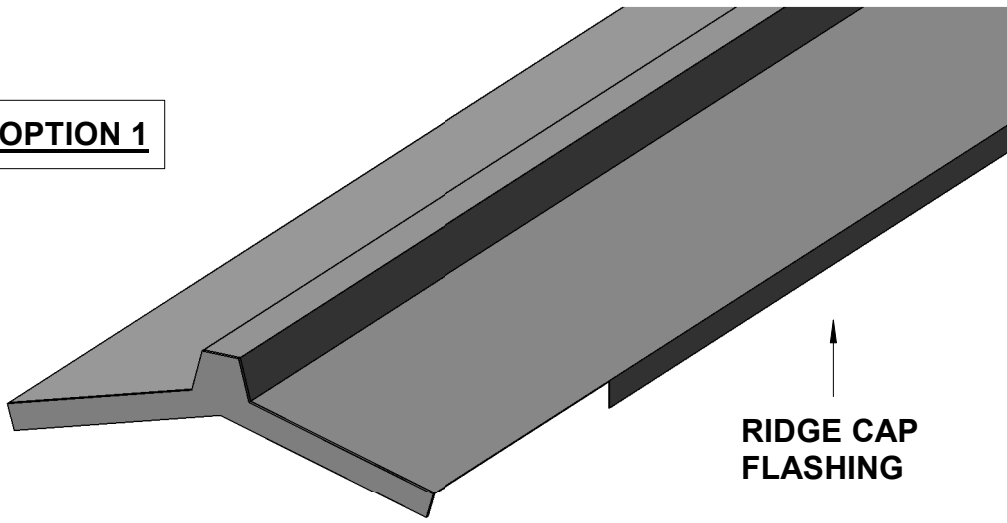
ThermoSpan EPS Rev. 1.0 RESIDENTIAL ROOFING

Reference RREPS Date 30.01.2023 Scale Sheet 28 / 32



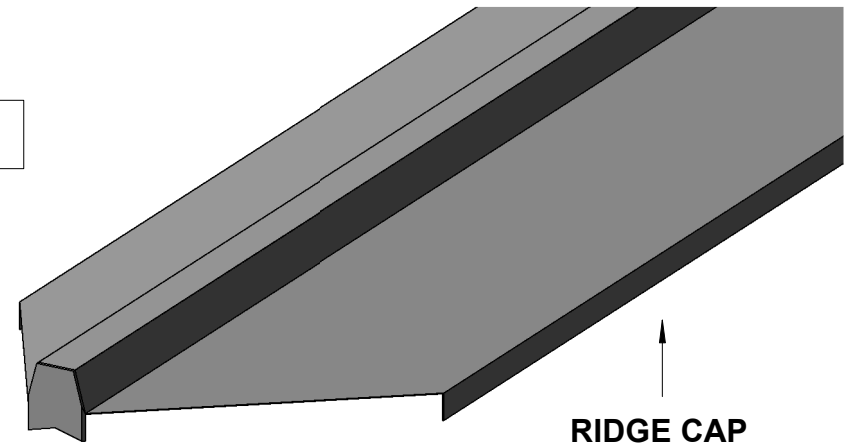
* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

OPTION 1



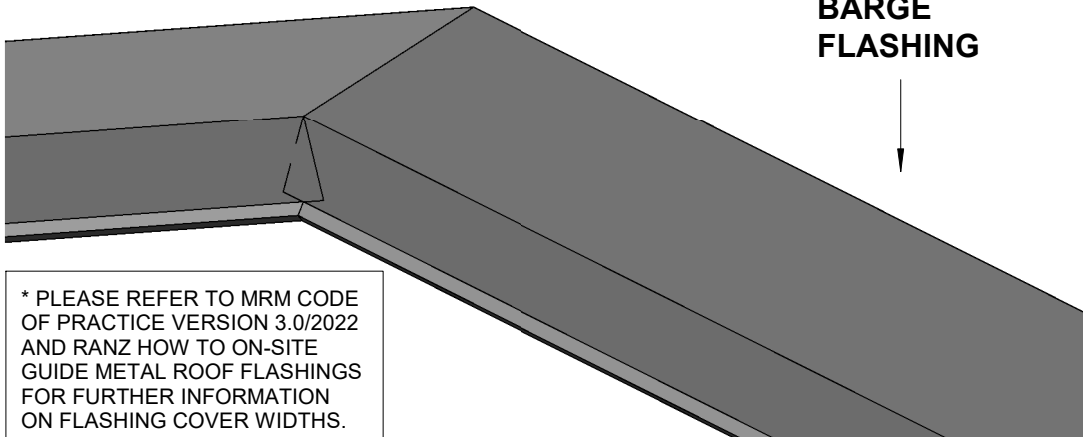
**RIDGE CAP
FLASHING**

OPTION 2

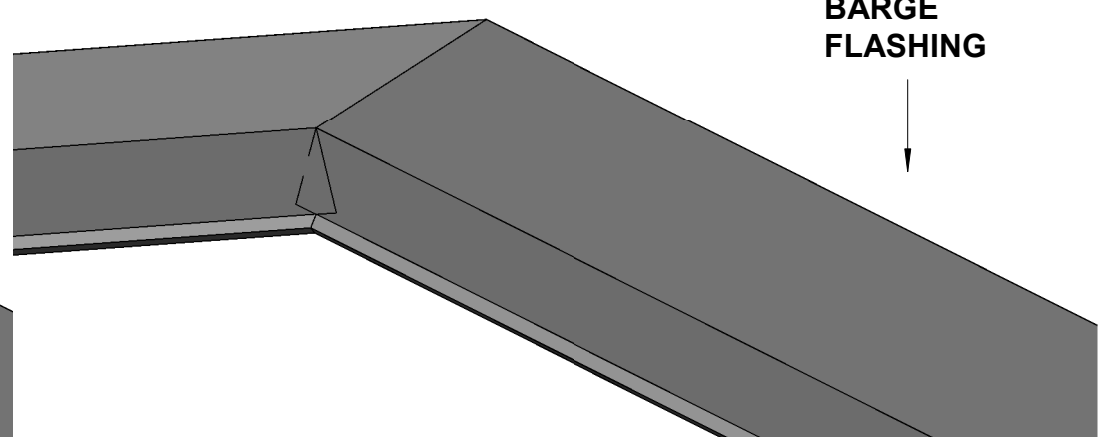


**RIDGE CAP
FLASHING**

**BARGE
FLASHING**



**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.

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3D RIDGE/BARGE FLASHINGS
RESIDENTIAL ROOFING

ThermoSpan EPS

Rev. 1.0

Reference RREPS

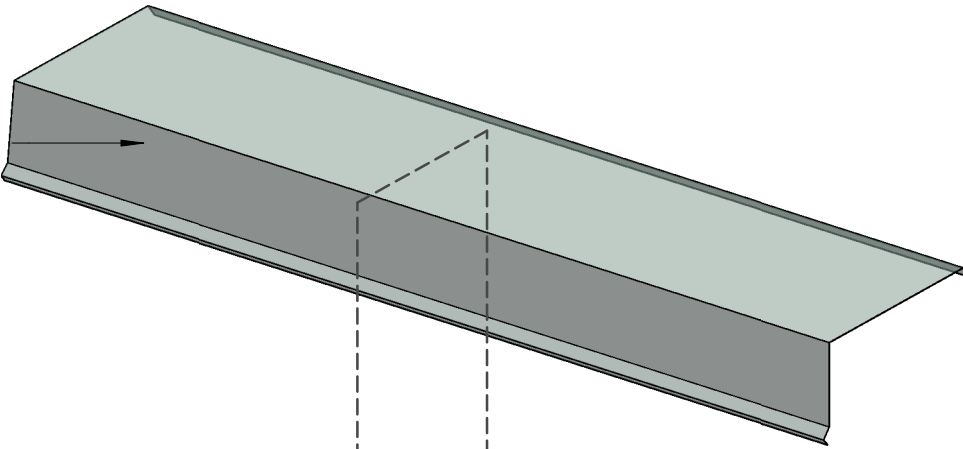
Date 30.01.2023

Scale

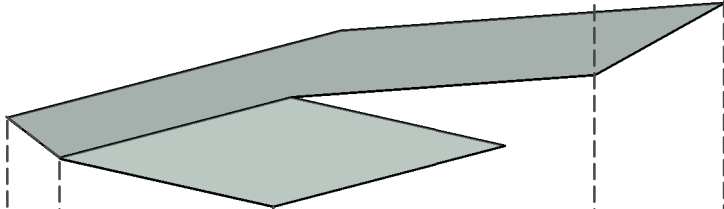
Sheet

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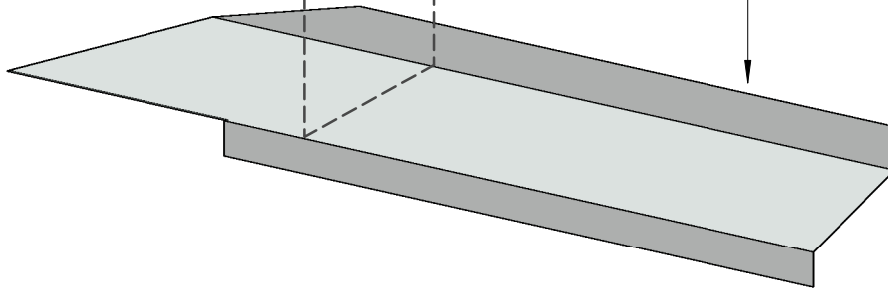
**(4) PRE-FINISHED
BARGE FLASHING**



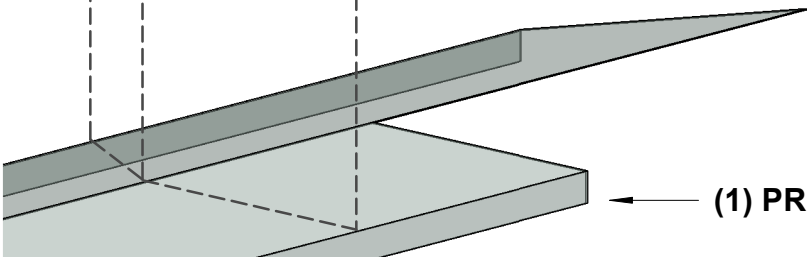
**(3) PRE-FINISHED 3D
SADDLE FLASHING**



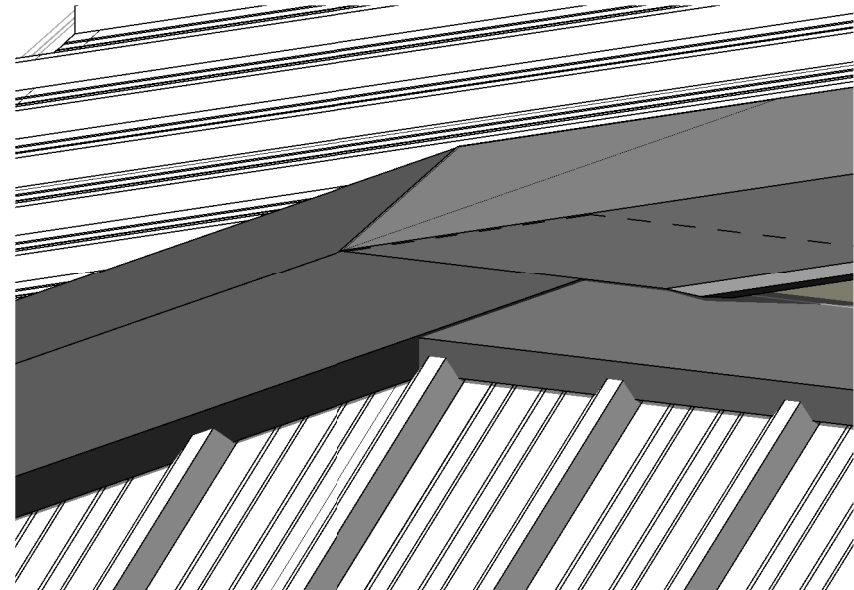
**(2) PRE-FINISHED
APRON FLASHING**



(1) PRE-FINISHED HIP FLASHING

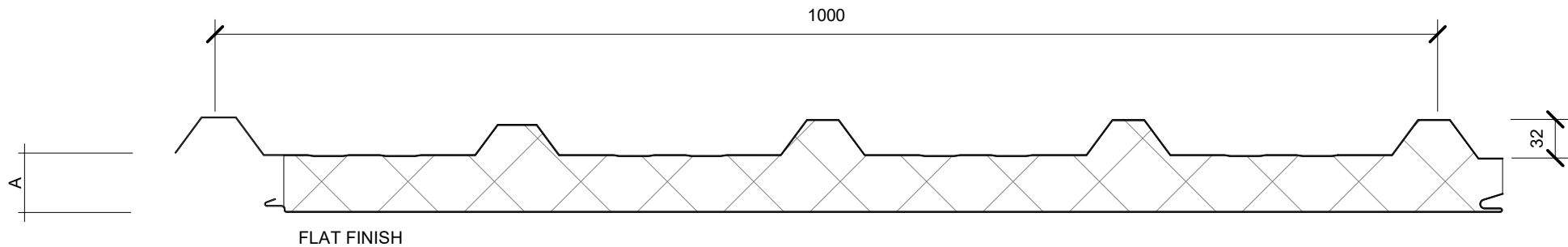


* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 3.0/2022 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.



**3D DUTCH GABLE FLASHINGS
RESIDENTIAL ROOFING**

THERMOSPAN EPS

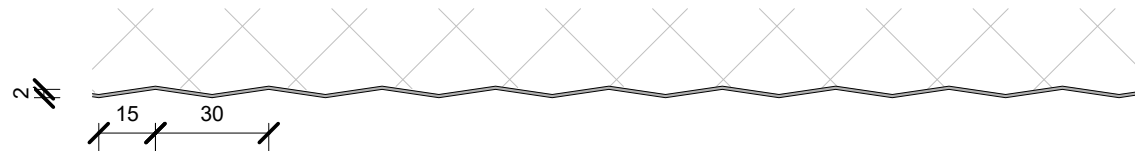


A = 50, 75, 100, 125, 150, 200, 250 - PLEASE NOTE FOR RESIDENTIAL ROOFING A MINIMUM THICKNESS OF 150mm IS RECOMMENDED - CONTACT METALCRAFT

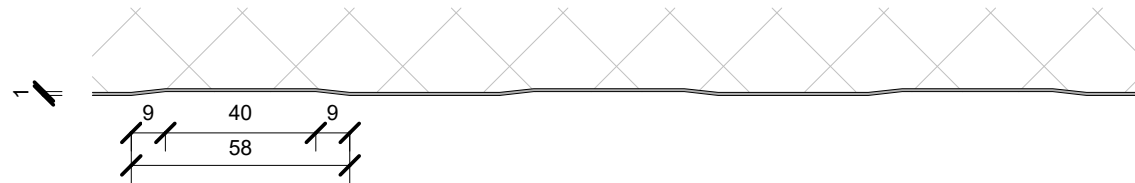
SCALE @ 1:5

INTERNAL LINER FINISHES

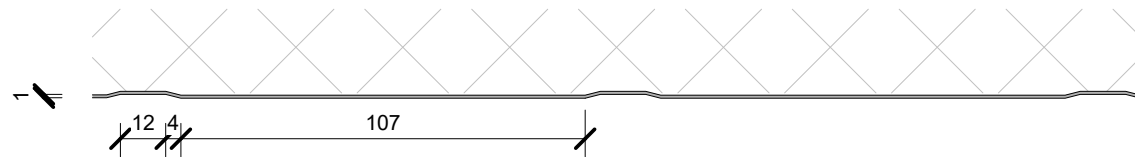
SILKLINE FINISH



MESA FINISH



RIBBED FINISH



SCALE @ 1:2

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Rev. 1.0

Reference RREPS

Date 30.01.2023

PANEL PROFILE AND SIZE
RESIDENTIAL ROOFING

Scale As indicated

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