

Metdek 855

COMMERCIAL ROOFING

DETAIL LIST

| | | <u>Revision</u> | <u>Date</u> |
|---------|--|-----------------|-------------|
| 00 / 16 | COVER SHEET | | |
| 01 / 16 | RIDGE WITH PROFILED APEX | 3.0 | SEP 2024 |
| 02 / 16 | RIDGE WITH ROUND TOP APEX | 3.0 | SEP 2024 |
| 03 / 16 | SAWTOOTH RIDGE | 3.0 | SEP 2024 |
| 04 / 16 | INTERNAL GUTTER | 3.0 | SEP 2024 |
| 05 / 16 | FLUSH EAVE WITH EXTERNAL GUTTER BRACKET | 3.0 | SEP 2024 |
| 06 / 16 | BARGE WITH NO SOFFT | 3.0 | SEP 2024 |
| 07 / 16 | BARGE WITH SOFFIT | 3.0 | SEP 2024 |
| 08 / 16 | PARAPET WITH TRANSVERSE APRON | 3.0 | SEP 2024 |
| 09 / 16 | TRANSVERSE APRON | 3.0 | SEP 2024 |
| 10 / 16 | PARALLEL APRON | 3.0 | SEP 2024 |
| 11 / 16 | PARALLEL HIDDEN GUTTER | 3.0 | SEP 2024 |
| 12 / 16 | PARALLEL HIDDEN GUTTER (2 PART FLASHING) | 3.0 | SEP 2024 |
| 13 / 16 | ROOF STEP | 3.0 | SEP 2024 |
| 14 / 16 | TRANSLUCENT SHEETS - LONG SECTION | 3.0 | SEP 2024 |
| 15 / 16 | TRANSLUCENT SHEETS - CROSS | 3.0 | SEP 2024 |
| 16 / 16 | 3D TRANSLUCENT SHEETS | 3.0 | SEP 2024 |

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) |

PRE-FINISHED RIDGE CAP FLASHING

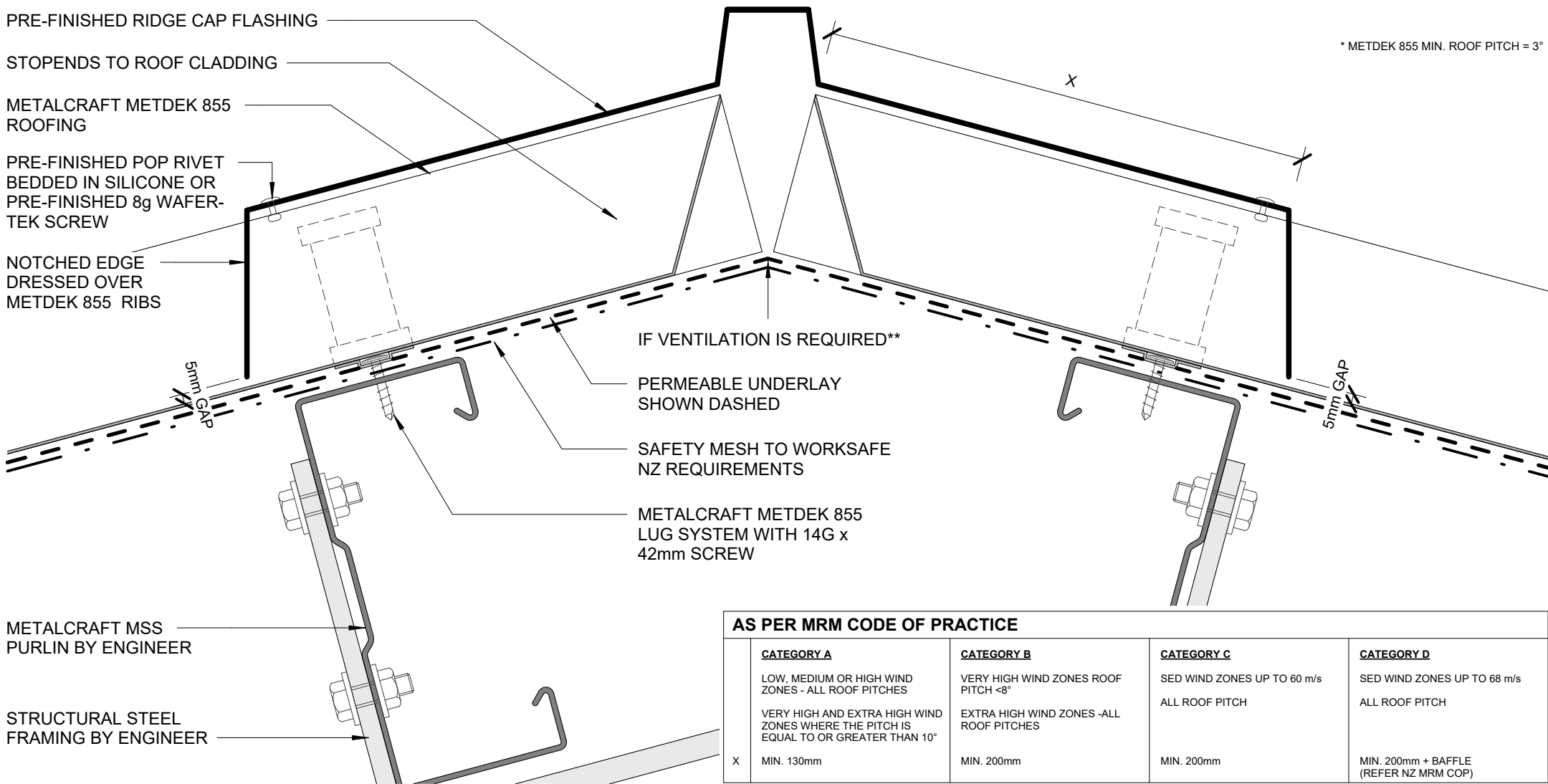
STOPENDS TO ROOF CLADDING

METALCRAFT METDEK 855 ROOFING

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

NOTCHED EDGE DRESSED OVER METDEK 855 RIBS

* METDEK 855 MIN. ROOF PITCH = 3°



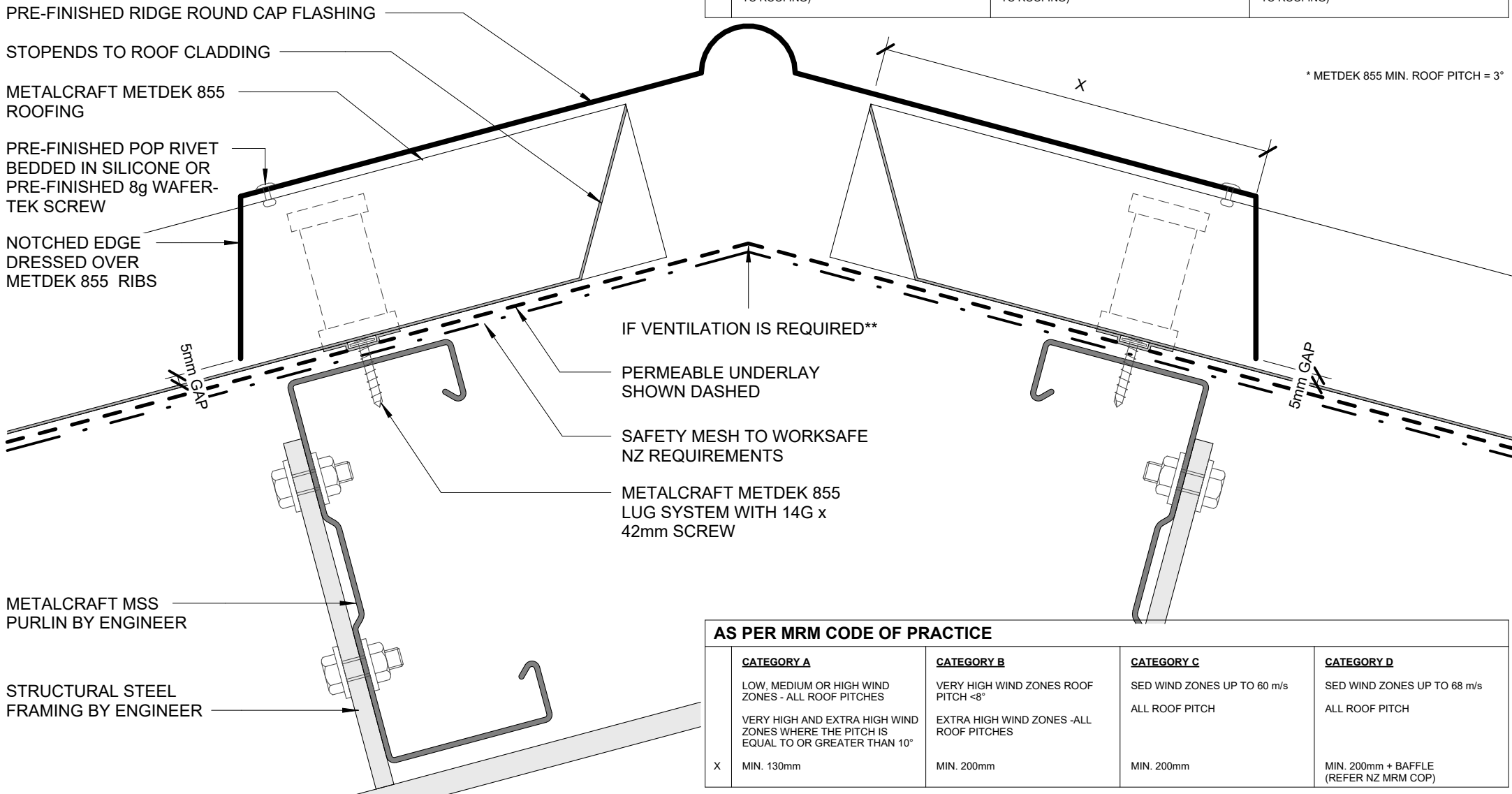
AS PER MRM CODE OF PRACTICE

| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
|---|--|---|-----------------------------|--|
| | LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES | VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ | SED WIND ZONES UP TO 60 m/s | SED WIND ZONES UP TO 68 m/s |
| | VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° | EXTRA HIGH WIND ZONES - ALL ROOF PITCHES | ALL ROOF PITCH | ALL ROOF PITCH |
| X | MIN. 130mm | MIN. 200mm | MIN. 200mm | MIN. 200mm + BAFFLE (REFER NZ MRM COP) |

**E2/ASI NO LONGER PREVENTS VENTILATION OF INSULATED SPACES. REFER TECHNICAL BULLETIN: VENTILATION OF ROOF SPACES

AS PER E2/ASI

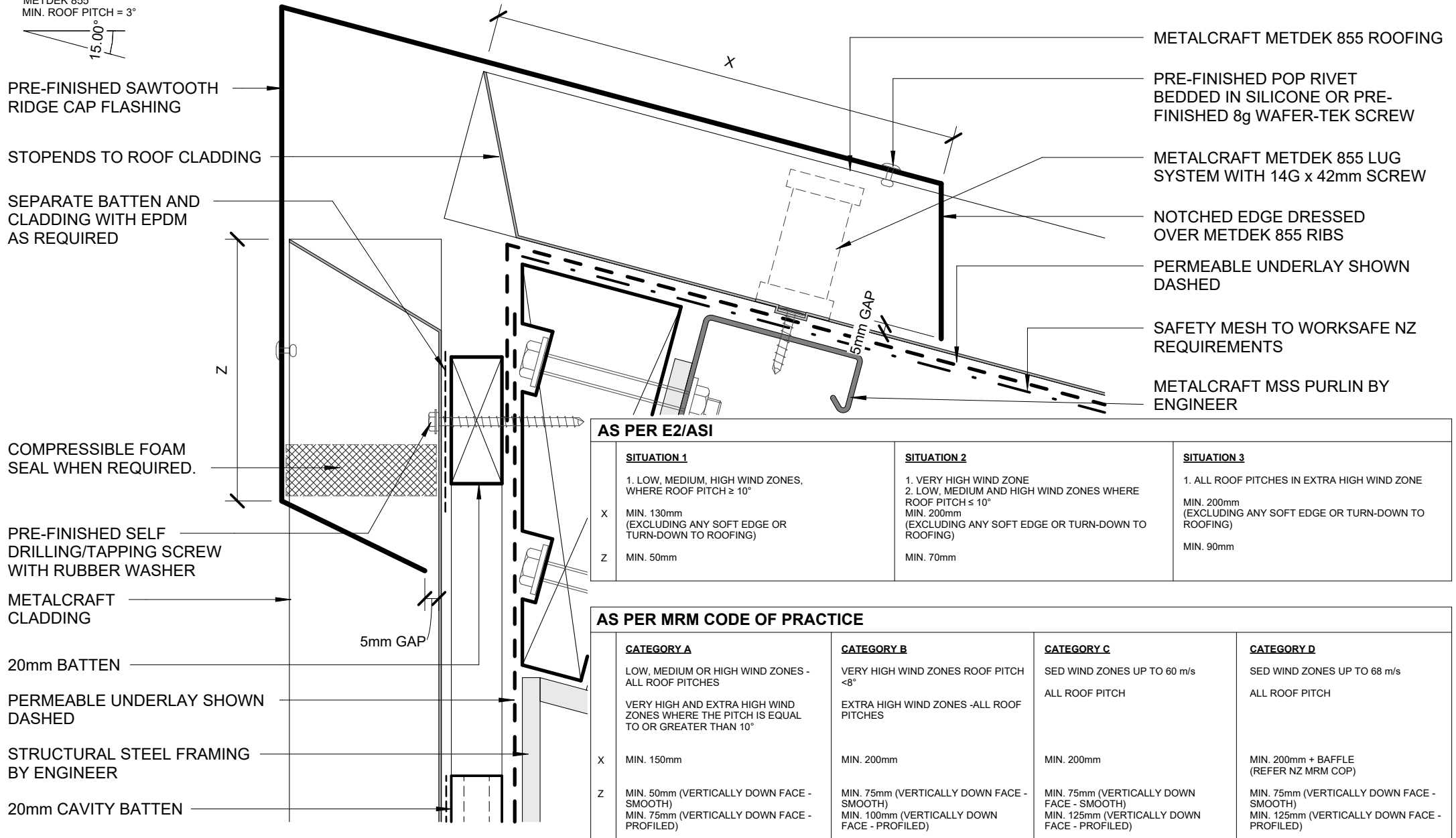
| | SITUATION 1 | SITUATION 2 | SITUATION 3 |
|---|---|---|---|
| | 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ | 1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ | 1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE. |
| X | MIN. 130mm (EXCLUDING 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) |



AS PER MRM CODE OF PRACTICE

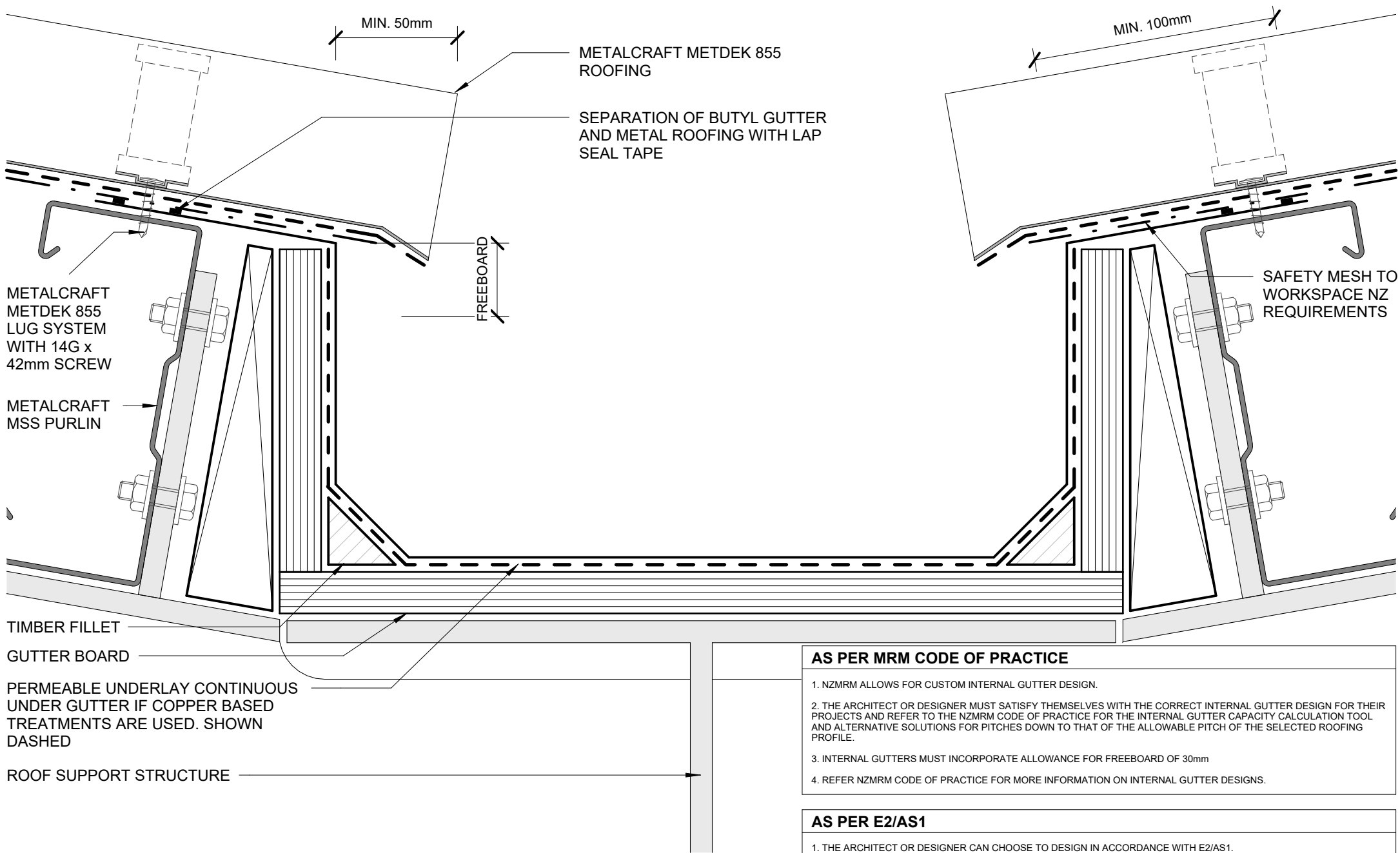
| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
|---|--|---|-----------------------------|--|
| | LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES | VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ | SED WIND ZONES UP TO 60 m/s | SED WIND ZONES UP TO 68 m/s |
| | VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° | EXTRA HIGH WIND ZONES - ALL ROOF PITCHES | ALL ROOF PITCH | ALL ROOF PITCH |
| X | MIN. 130mm | MIN. 200mm | MIN. 200mm | MIN. 200mm + BAFFLE (REFER NZ MRM COP) |

**E2/ASI NO LONGER PREVENTS VENTILATION OF INSULATED SPACES. REFER TECHNICAL BULLETIN: VENTILATION OF ROOF SPACES



| AS PER E2/ASI | | | |
|---------------|---|---|--|
| | SITUATION 1 | SITUATION 2 | SITUATION 3 |
| | 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ | 1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ | 1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE |
| X | MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) | MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) | MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) |
| Z | MIN. 50mm | MIN. 70mm | MIN. 90mm |

| AS PER MRM CODE OF PRACTICE | | | | |
|-----------------------------|--|---|---|---|
| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
| | LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES | VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ | SED WIND ZONES UP TO 60 m/s | SED WIND ZONES UP TO 68 m/s |
| | VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° | EXTRA HIGH WIND ZONES - ALL ROOF PITCHES | ALL ROOF PITCH | ALL ROOF PITCH |
| X | MIN. 150mm | MIN. 200mm | MIN. 200mm | MIN. 200mm + BAFFLE (REFER NZ MRM COP) |
| Z | MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) |



AS PER MRM CODE OF PRACTICE

1. NZMRM ALLOWS FOR CUSTOM INTERNAL GUTTER DESIGN.
2. THE ARCHITECT OR DESIGNER MUST SATISFY THEMSELVES WITH THE CORRECT INTERNAL GUTTER DESIGN FOR THEIR PROJECTS AND REFER TO THE NZMRM CODE OF PRACTICE FOR THE INTERNAL GUTTER CAPACITY CALCULATION TOOL AND ALTERNATIVE SOLUTIONS FOR PITCHES DOWN TO THAT OF THE ALLOWABLE PITCH OF THE SELECTED ROOFING PROFILE.
3. INTERNAL GUTTERS MUST INCORPORATE ALLOWANCE FOR FREEBOARD OF 30mm
4. REFER NZMRM CODE OF PRACTICE FOR MORE INFORMATION ON INTERNAL GUTTER DESIGNS.

AS PER E2/AS1

1. THE ARCHITECT OR DESIGNER CAN CHOOSE TO DESIGN IN ACCORDANCE WITH E2/AS1.

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

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

$<10^\circ$ OR UN-BAFFLED BY SPOUTING = 70mm
 10-35° = 50mm
 $>35^\circ$ = 40mm

* METDEK 855
 MIN. ROOF PITCH = 3°

DIMENSION TO SUIT
 SUGGEST MIN. 125mm

METALCRAFT METDEK 855 ROOFING

UNDERLAY TERMINATES AT
 TOP OF GUTTER EAVES
 FLASHING AND WHEN NO
 GUTTER EAVES IS REQUIRED
 UNDERLAY MUST NOT
 OVERHANG THE GUTTER BY
 MORE THAN 20mm

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

METALCRAFT BOX
 GUTTER 125 WITH
 EXTERNAL BRACKET

DPC SEPERATION AS REQUIRED

PRE-FINISHED SELF
 DRILLING/TAPPING SCREW
 WITH NEOPRENE WASHER

SEPARATE BATTEN
 AND CLADDING WITH
 EPDM AS REQUIRED

COMPRESSIBLE FOAM SEAL
 WHEN REQUIRED

METALCRAFT CLADDING ON CAVITY

METALCRAFT MSS PURLIN BY ENGINEER

MIN. 35mm
 OVERLAP

MIN. 10mm

*OVERFLOW

PACKER

SAFETY MESH TO
 WORKSAFE NZ
 REQUIREMENTS

METALCRAFT METDEK 855
 LUG SYSTEM WITH 14G x
 42mm SCREW

AS PER NZ MRM CODE OF PRACTICE

| | |
|---|---------------------|
| Z | CATEGORY A- 75mm |
| | CATEGORY B- 100mm |
| | CATEGORY C&D- 125mm |

5mm GAP

STRUCTURAL STEEL
 FRAMING BY ENGINEER

FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

Metdek 855

Rev. 3.0

COMMERCIAL ROOFING

Reference CRMD855

Date SEP 2024

Scale 1 : 2

Sheet **05 / 16**

PRE-FINISHED
BARGE FLASHING

UNDERSOAKER
FLASHING REQUIRED
FOR NZ MRM COP
CATEGORY D ONLY

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

20mm BATTEN

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

COMPRESSIBLE
FOAM SEAL
WHEN REQUIRED.

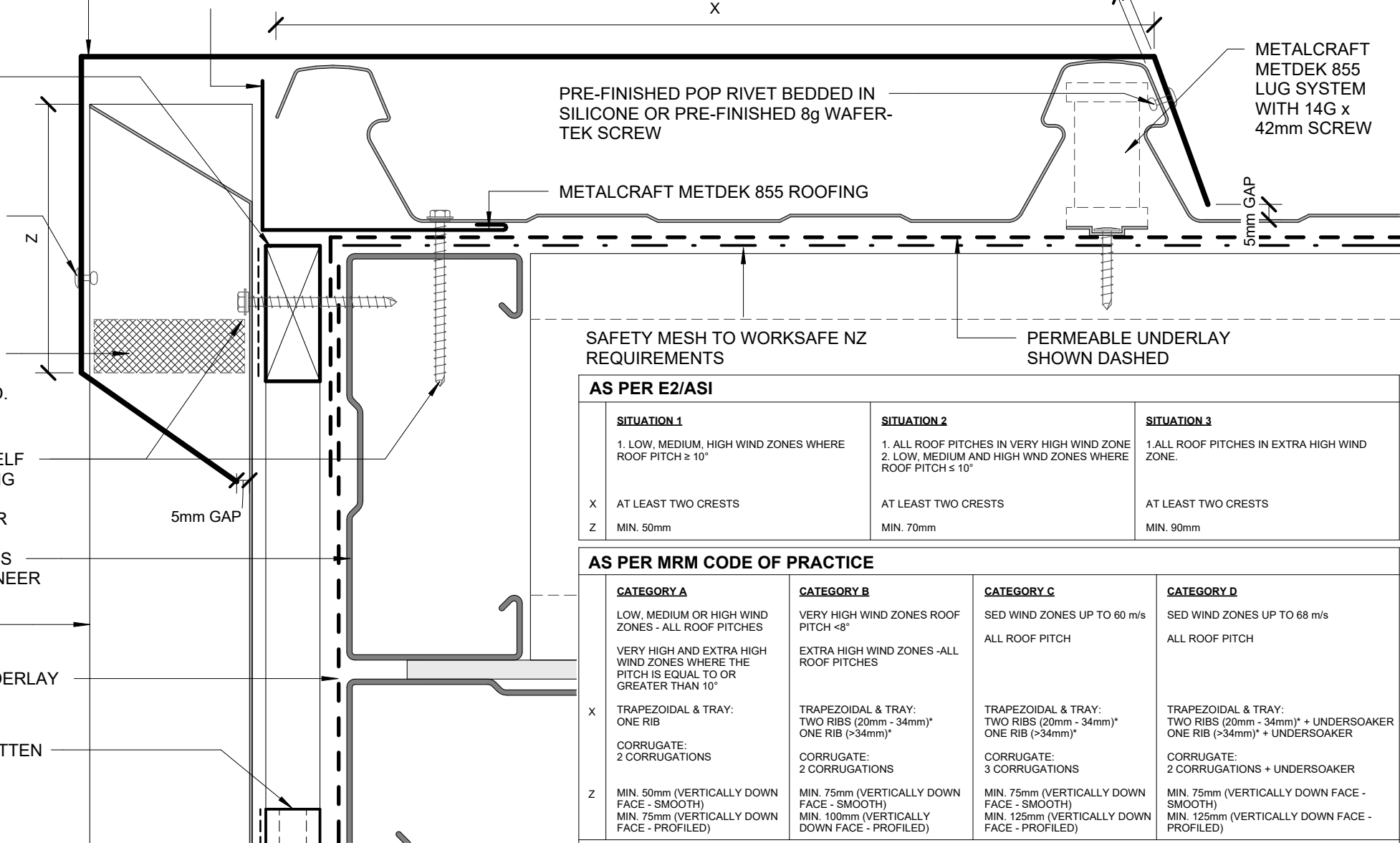
PRE-FINISHED SELF
DRILLING/TAPPING
SCREW WITH
RUBBER WASHER

METALCRAFT MSS
PURLIN BY ENGINEER

METALCRAFT
CLADDING

PERMEABLE UNDERLAY
SHOWN DASHED

20mm CAVITY BATTEN



SAFETY MESH TO WORKSAFE NZ
REQUIREMENTS

PERMEABLE 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 AND HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$ | 1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE. |
| X | AT LEAST TWO CRESTS | AT LEAST TWO CRESTS | AT LEAST TWO CRESTS |
| Z | MIN. 50mm | MIN. 70mm | MIN. 90mm |

AS PER MRM CODE OF PRACTICE

| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
|---|---|--|--|--|
| | LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° | VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES | SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH | SED WIND ZONES UP TO 68 m/s ALL ROOF PITCH |
| X | TRAPEZOIDAL & TRAY: ONE RIB CORRUGATE: 2 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34 mm)* CORRUGATE: 2 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34 mm)* CORRUGATE: 3 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB (>34 mm)* + UNDERSOAKER CORRUGATE: 2 CORRUGATIONS + UNDERSOAKER |
| Z | MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) |

* RIB HEIGHT OF PROFILE OR TURNUP

UNDERSOAKER
FLASHING REQUIRED
FOR NZ MRM COP
CATEGORY D ONLY

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

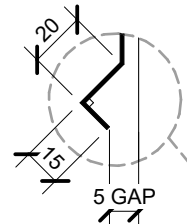
PRE-FINISHED
BARGE FLASHING

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

METALCRAFT
METDEK 855 LUG
SYSTEM WITH
14G x 42mm
SCREW

METALCRAFT METDEK 855 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING
SCREW WITH RUBBER WASHER



ALTERNATIVE
OPTION
BIRDS BEAK EDGE

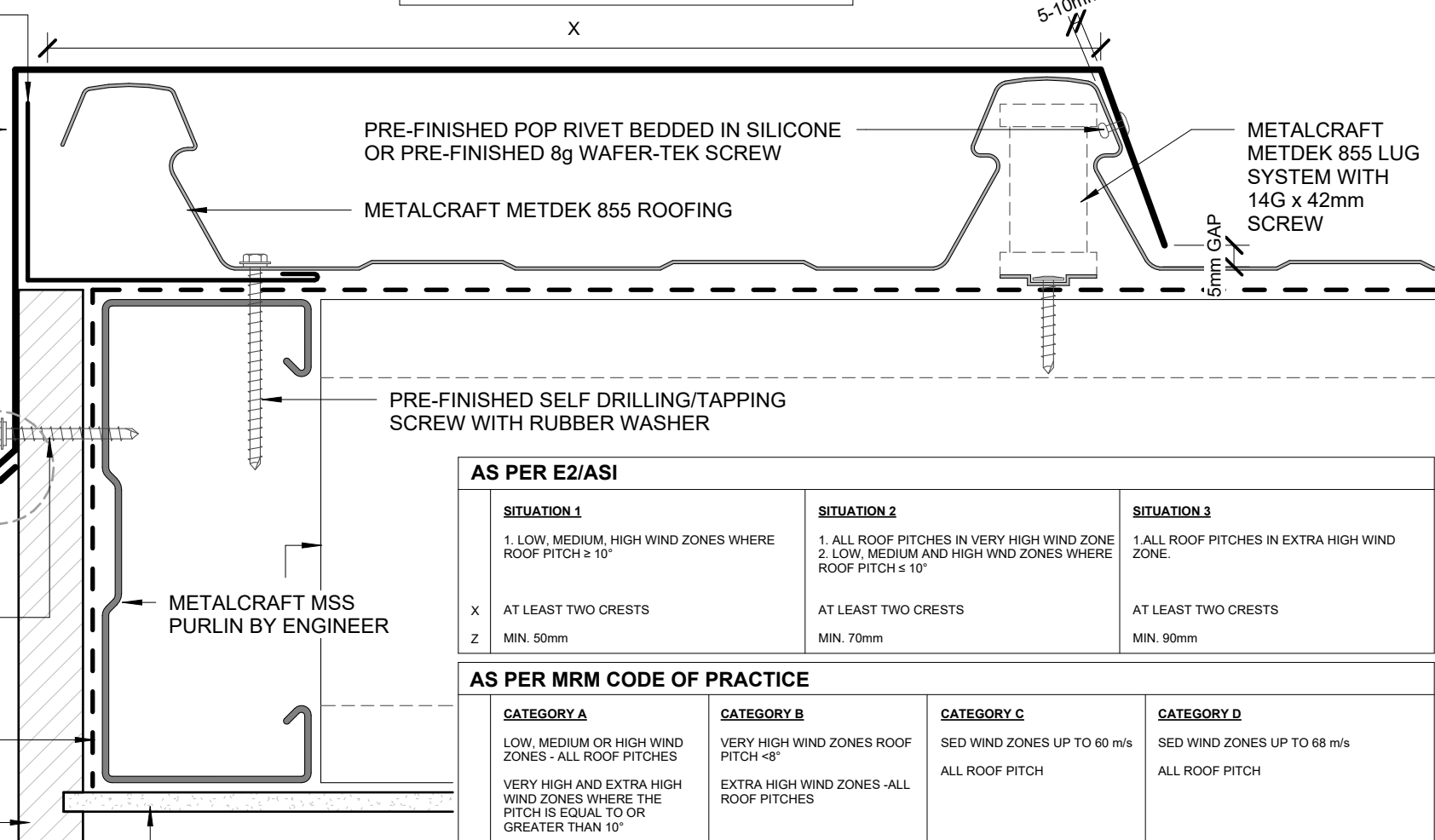
HEMMED EDGE

PRE-FINISHED SELF
DRILLING/TAPPING SCREW
WITH RUBBER WASHER

PERMEABLE UNDERLAY SHOWN
DASHED

BARGE BOARD PRE
PRIMED

SOFFIT LINING



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

| AS PER MRM CODE OF PRACTICE | | | | |
|-----------------------------|---|--|--|--|
| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
| | LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° | VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES -ALL ROOF PITCHES | SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH | SED WIND ZONES UP TO 68 m/s ALL ROOF PITCH |
| X | TRAPEZOIDAL & TRAY: ONE RIB CORRUGATE: 2 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34 mm)* CORRUGATE: 2 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (>34 mm)* CORRUGATE: 3 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB (>34 mm)* + UNDERSOAKER CORRUGATE: 2 CORRUGATIONS + UNDERSOAKER |
| Z | MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) |

* RIB HEIGHT OF PROFILE OR TURNUP

COMPRESSIBLE FOAM SEAL
WHEN REQUIRED

CONTINUOUS
TIMBER PACKING

PRE-FINISHED
PARAPET CAP
FLASHING

SEPARATE BATTEN
AND CLADDING
WITH EPDM AS
REQUIRED

PRE-FINISHED FLAT
HEAD EXPANDING
MASONRY ANCHOR
SCREW WITH RUBBER
WASHER FOR
FLASHING

PVC CAVITY CLOSER

METALCRAFT METDEK
855 CLADDING ON
CAVITY

PERMEABLE
UNDERLAY
SHOWN

ŠTĀPĒNS ROOF
CLADDING

SAFETY MESH TO
WORKSAFE NZ
REQUIREMENTS

CONCRETE WALL
BY ENGINEER

METALCRAFT MSS
PURLIN BY
ENGINEER

MIN. 5.00°

25mm
CLEARANCE

* METDEK 855
MIN. ROOF PITCH = 3°

15.00°

5mm GAP

AS PER E2/ASI

| | SITUATION 1 | SITUATION 2 | SITUATION 3 |
|---|--|--|--|
| | 1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$ | 1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCHES $\leq 10^\circ$ | 1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE |
| G | MIN. 35mm | MIN. 35mm | MIN. 35mm |
| N | MIN. 75mm | MIN. 75mm | MIN. 75mm |
| L | MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) | MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) | MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING) |
| Z | MIN. 50mm | MIN. 70mm | MIN. 90mm |

AS PER MRM CODE OF PRACTICE

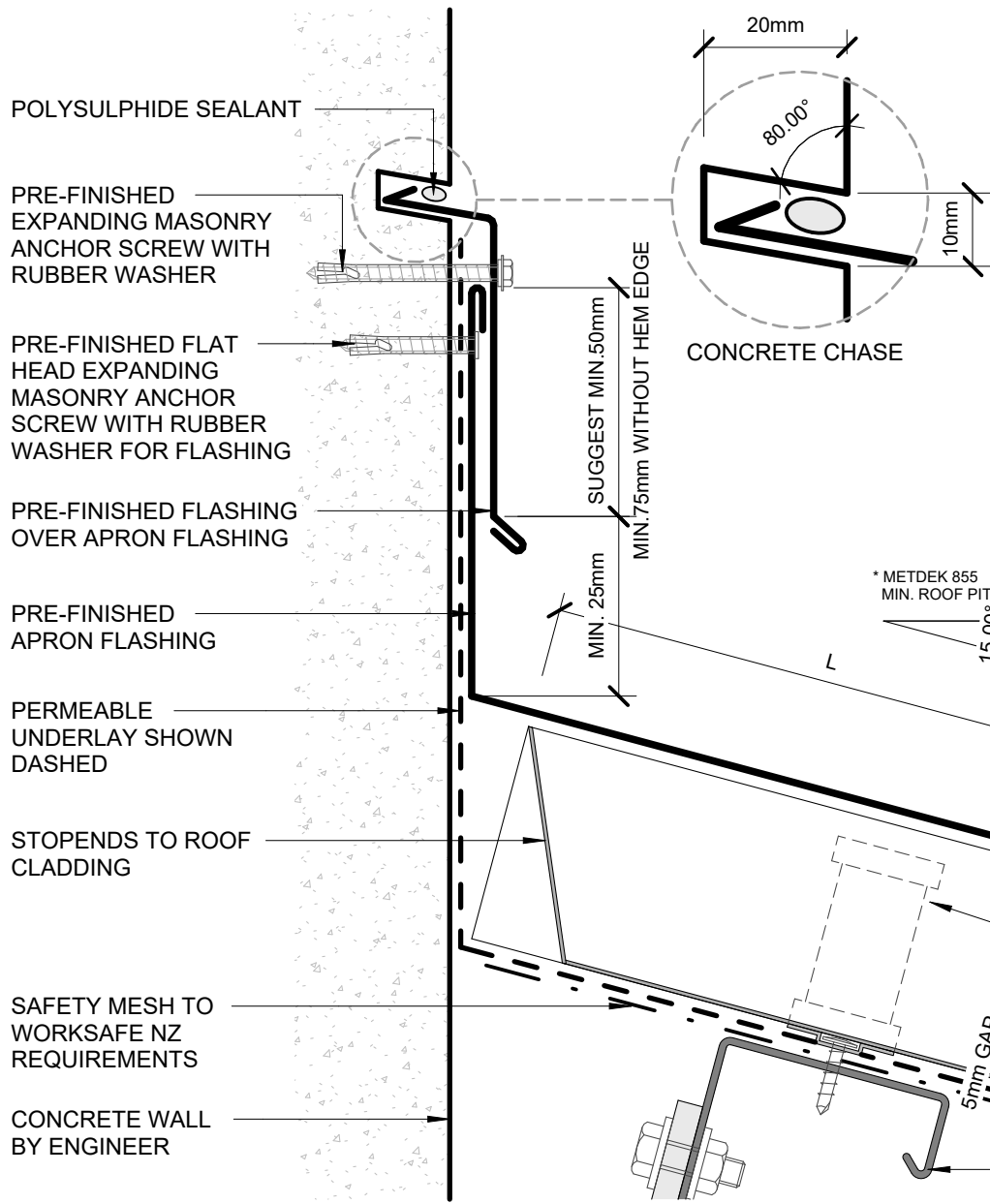
| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
|---|---|---|---|---|
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| | VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° | EXTRA HIGH WIND ZONES -ALL ROOF PITCHES | ALL ROOF PITCH | ALL ROOF PITCH |
| G | 25mm | 25mm | 25mm | 25mm |
| N | MIN. 50mm + HEM QR 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM QR 100mm (VERTICALLY UP FACE - PROFILED) | MIN. 75mm + HEM QR 100mm (VERTICALLY UP FACE - SMOOTH) MIN. 100mm + HEM QR 125mm (VERTICALLY UP FACE - PROFILED) | MIN. 100mm + HEM QR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED) | MIN. 100mm + HEM QR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED) |
| L | MIN. 130mm | MIN. 200mm | MIN. 200mm + BAFFLE (REFER NZ MRM COP) | MIN. 200mm + BAFFLE (REFER NZ MRM COP) |
| Z | MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 100mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) | MIN. 100mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED) |

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

METALCRAFT METDEK 855 ROOFING

METALCRAFT METDEK 855 LUG
SYSTEM WITH 14G x 42mm SCREW

PRE-FINISHED APRON FLASHING
NOTCHED EDGE DRESSED OVER
METDEK 855 RIBS



POLYSULPHIDE SEALANT

PRE-FINISHED EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER

PRE-FINISHED FLAT HEAD EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER FOR FLASHING

PRE-FINISHED FLASHING OVER APRON FLASHING

PRE-FINISHED APRON FLASHING

PERMEABLE UNDERLAY SHOWN DASHED

STOPENDS TO ROOF CLADDING

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

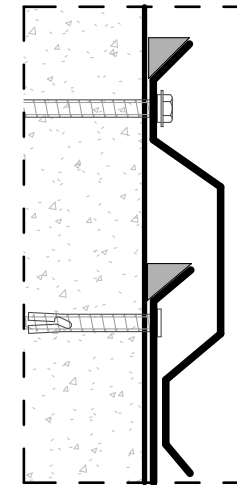
CONCRETE WALL BY ENGINEER

AS PER E2/ASI

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

AS PER MRM CODE OF PRACTICE

| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
|---|---|---|---|---|
| L | LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° MIN. 130mm | VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES MIN. 200mm | SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH MIN. 200mm + BAFFLE (REFER NZ MRM COP) | SED WIND ZONES UP TO 68 m/s ALL ROOF PITCH MIN. 200mm + BAFFLE (REFER NZ MRM COP) |



FACE FIXED ALTERNATIVE

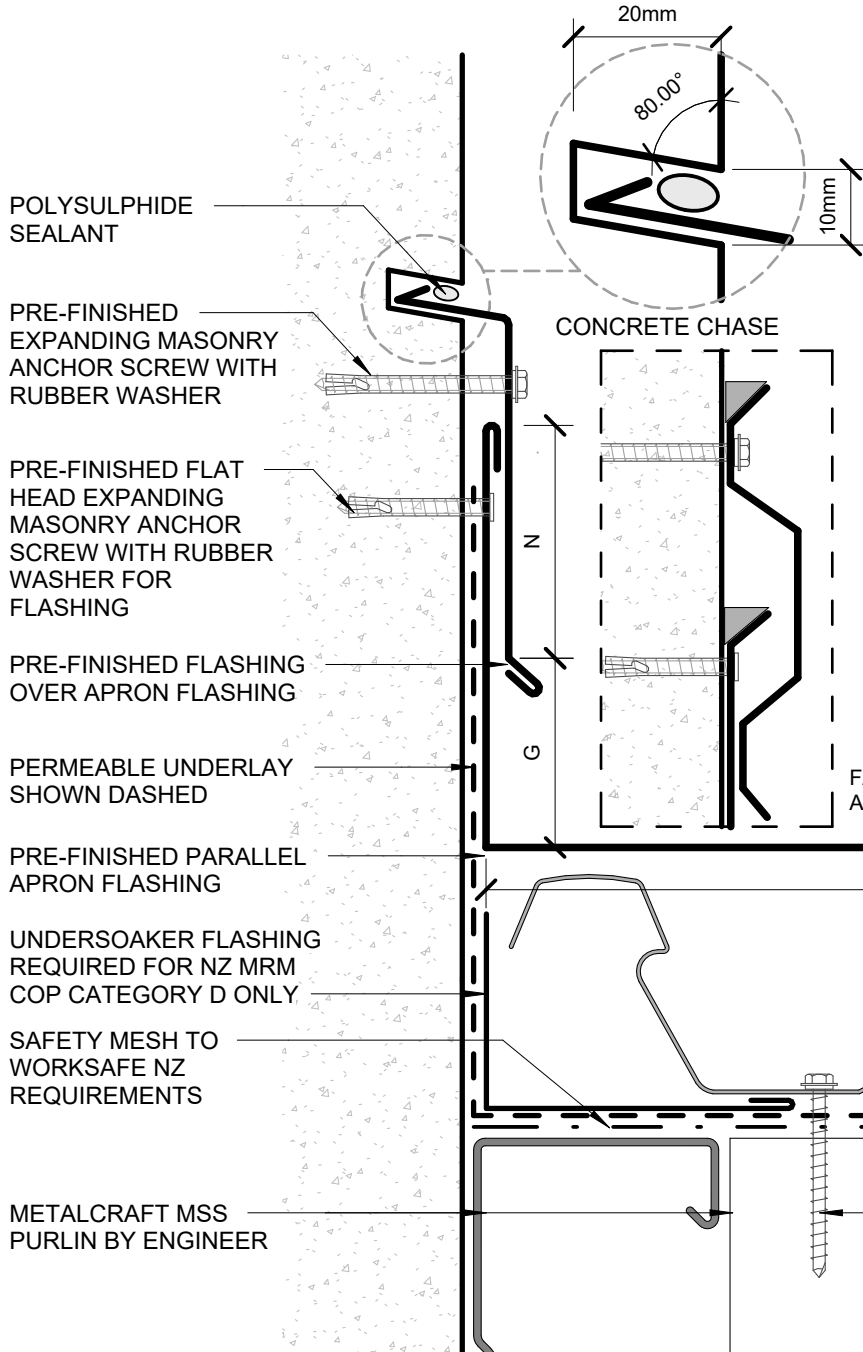
PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW

METALCRAFT METDEK 855 ROOFING

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW

NOTCHED EDGE DRESSED OVER METDEK 855 RIBS

METALCRAFT MSS PURLIN BY ENGINEER



POLYSULPHIDE SEALANT

PRE-FINISHED EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER

PRE-FINISHED FLAT HEAD EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER FOR FLASHING

PRE-FINISHED FLASHING OVER APRON FLASHING

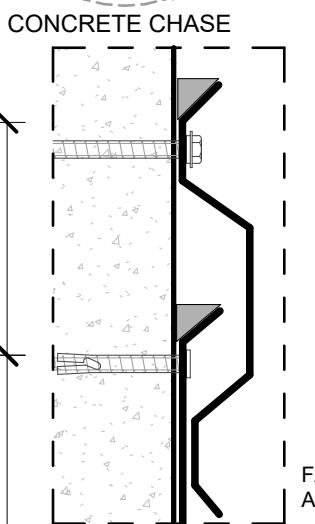
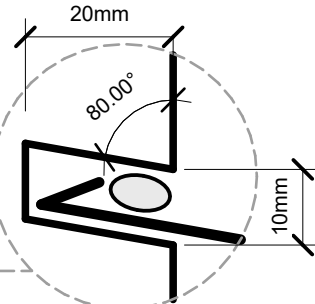
PERMEABLE UNDERLAY SHOWN DASHED

PRE-FINISHED PARALLEL APRON FLASHING

UNDERSOAKER FLASHING REQUIRED FOR NZ MRM COP CATEGORY D ONLY

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT MSS PURLIN BY ENGINEER



AS PER E2/ASI

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

AS PER MRM CODE OF PRACTICE

| | CATEGORY A | CATEGORY B | CATEGORY C | CATEGORY D |
|---|---|---|---|--|
| | LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10° | VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES | SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH | SED WIND ZONES UP TO 68 m/s ALL ROOF PITCH |
| G | 25mm | 25mm | 25mm | 25mm |
| N | MIN. 50mm + HEM OR 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - PROFILED) | MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - SMOOTH) MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - PROFILED) | MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED) | MIN. 100mm + HEM OR 125mm (VERTICALLY UP FACE - SMOOTH) MIN. 125mm + HEM (VERTICALLY UP FACE - PROFILED) |
| M | TRAPEZOIDAL & TRAY: ONE RIB CORRUGATE: 2 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (> 34 mm)* CORRUGATE: 2 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* ONE RIB (> 34 mm)* CORRUGATE: 3 CORRUGATIONS | TRAPEZOIDAL & TRAY: TWO RIBS (20mm - 34mm)* + UNDERSOAKER ONE RIB (> 34 mm)* + UNDERSOAKER CORRUGATE: 2 CORRUGATIONS + UNDERSOAKER |

* RIB HEIGHT OF PROFILE OR TURNUP

FACE FIXED ALTERNATIVE

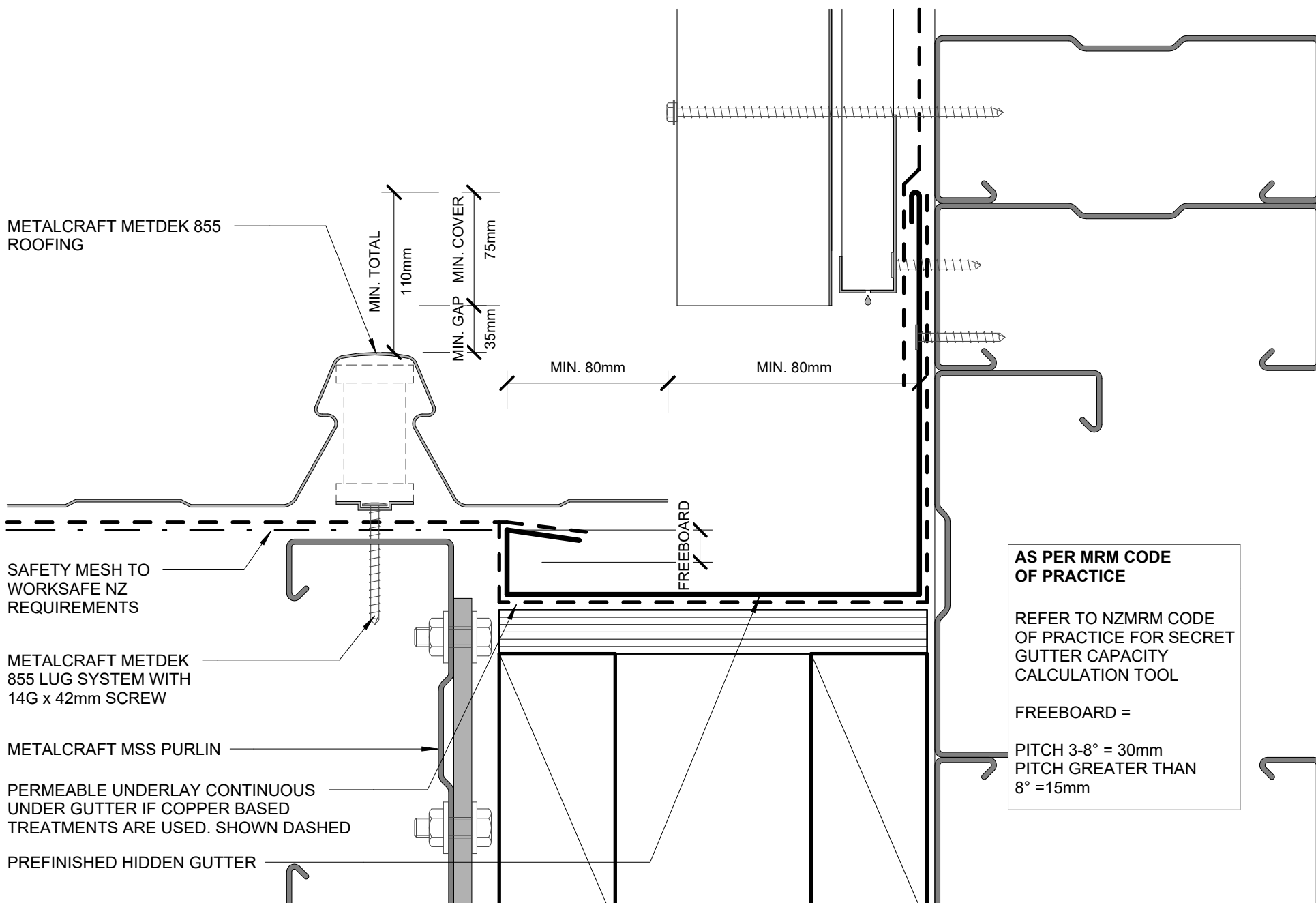
FLASHING SHOULD NOT EXCEED 300mm. A TURNED UP PAN EDGE TO FULL CREST HEIGHT (RIB) CONSTITUTES A CREST.

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

METALCRAFT METDEK 855 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW



METALCRAFT METDEK 855 ROOFING

MIN. TOTAL

110mm

MIN. GAP 35mm

MIN. COVER 75mm

MIN. 80mm

MIN. 80mm

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW

METALCRAFT MSS PURLIN

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

PREFINISHED HIDDEN GUTTER

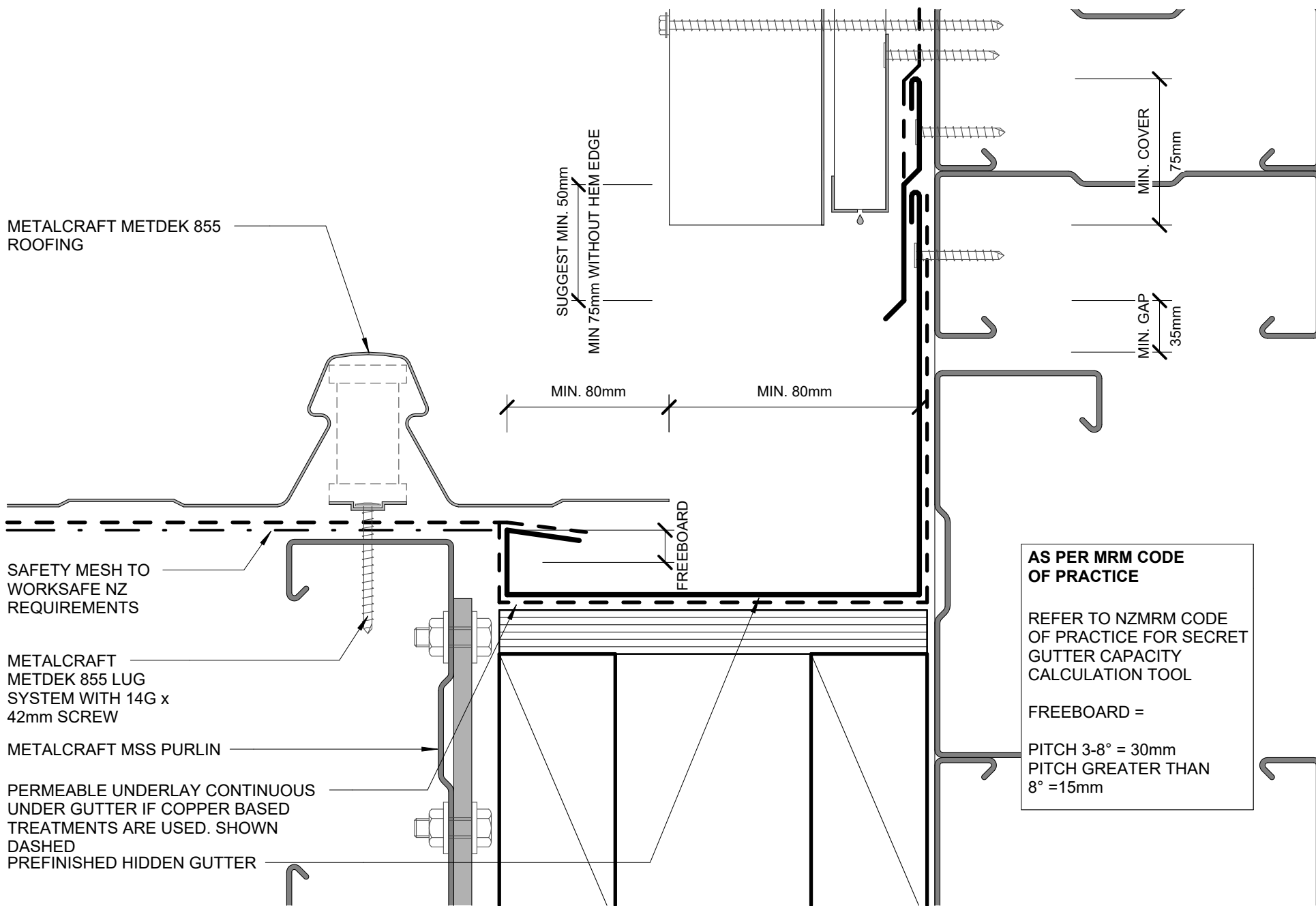
FREEBOARD

AS PER MRM CODE OF PRACTICE

REFER TO NZMRM CODE OF PRACTICE FOR SECRET GUTTER CAPACITY CALCULATION TOOL

FREEBOARD =

PITCH 3-8° = 30mm
PITCH GREATER THAN 8° = 15mm



METALCRAFT METDEK 855 ROOFING

SUGGEST MIN. 50mm
MIN 75mm WITHOUT HEM EDGE

MIN. 80mm

MIN. 80mm

MIN. COVER
75mm

MIN. GAP
35mm

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW

METALCRAFT MSS PURLIN

PERMEABLE UNDERLAY CONTINUOUS UNDER GUTTER IF COPPER BASED TREATMENTS ARE USED. SHOWN DASHED
PREFINISHED HIDDEN GUTTER

FREEBOARD

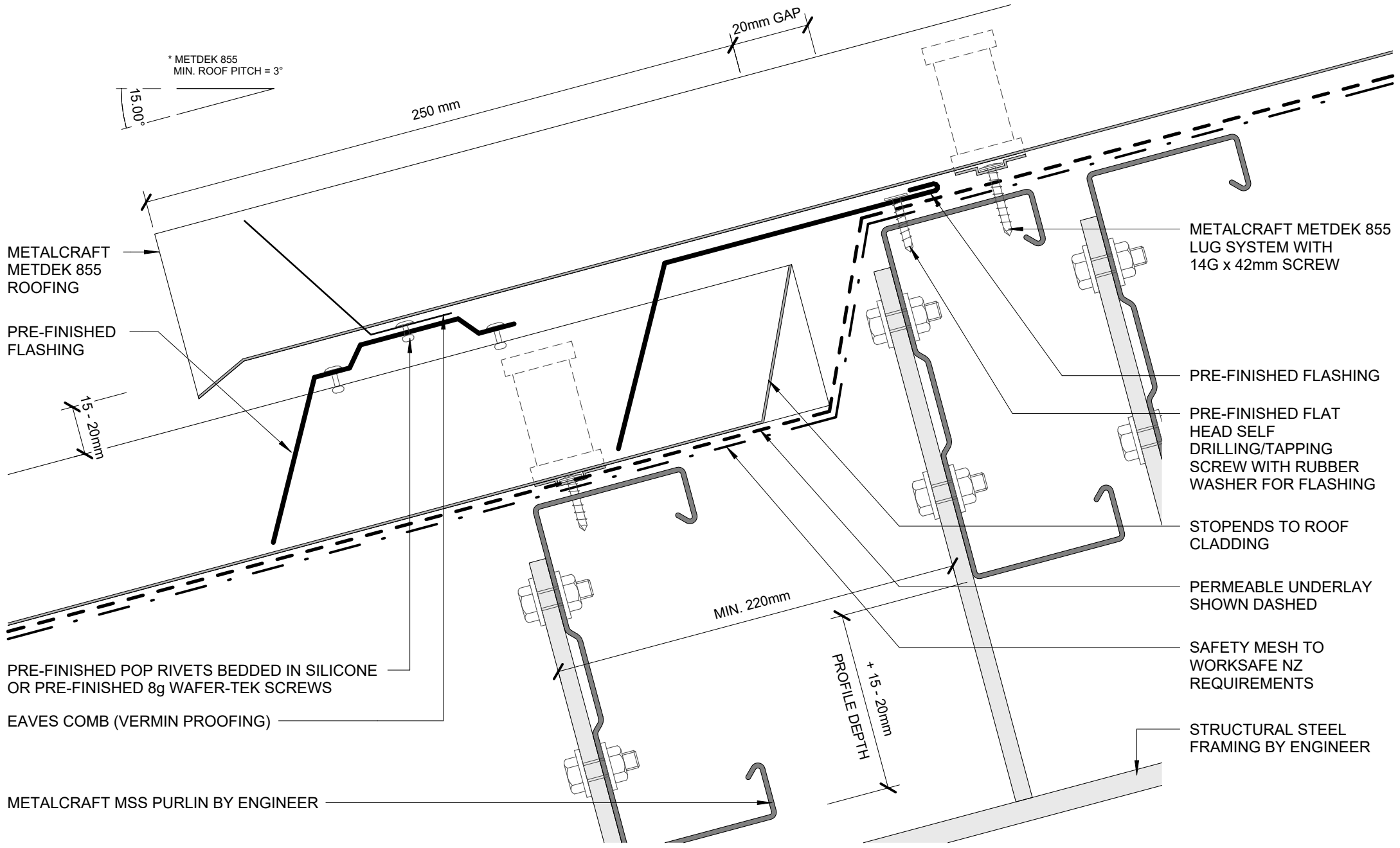
AS PER MRM CODE OF PRACTICE

REFER TO NZMRM CODE OF PRACTICE FOR SECRET GUTTER CAPACITY CALCULATION TOOL

FREEBOARD =

PITCH 3-8° = 30mm
PITCH GREATER THAN 8° = 15mm

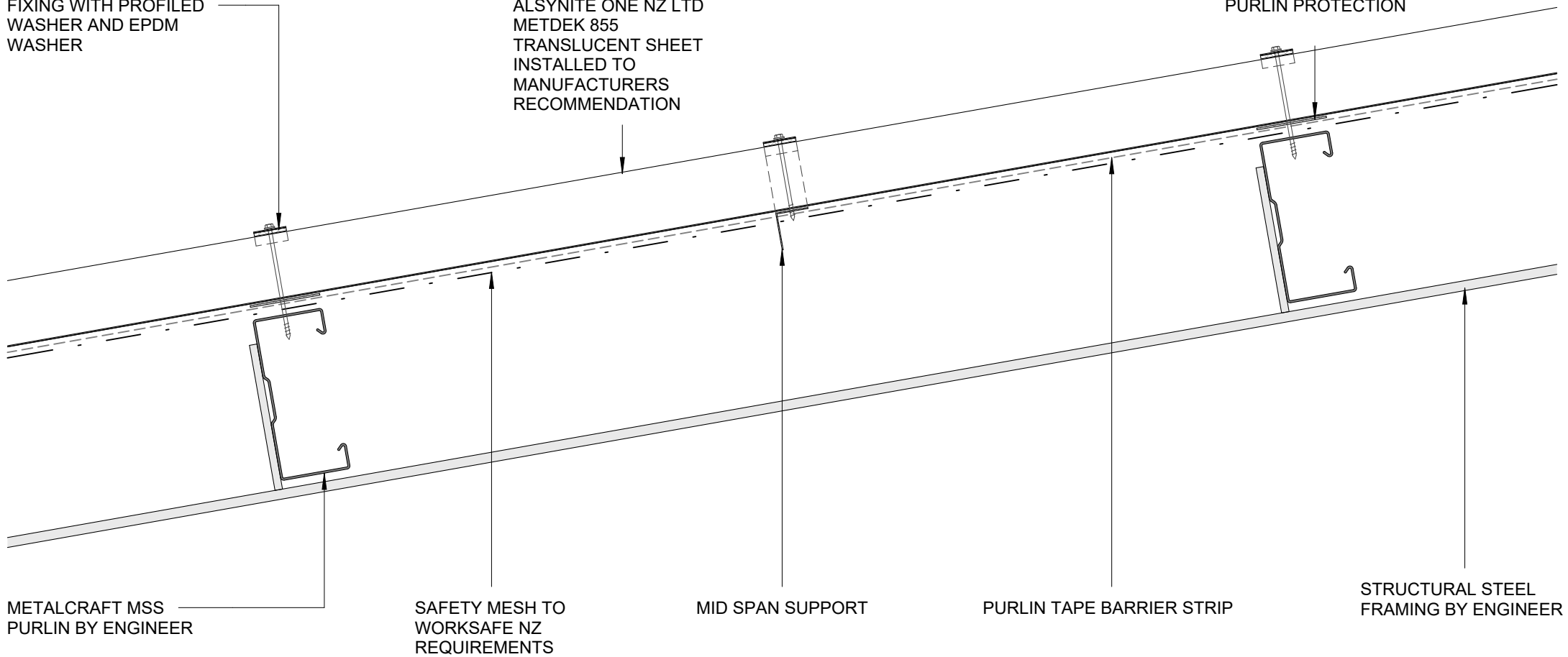
PARALLEL HIDDEN GUTTER (2 PART FLASHING)



FIXING WITH PROFILED
WASHER AND EPDM
WASHER

ALSYNITE ONE NZ LTD
METDEK 855
TRANSLUCENT SHEET
INSTALLED TO
MANUFACTURERS
RECOMMENDATION

PURLIN PROTECTION



METALCRAFT MSS
PURLIN BY ENGINEER

SAFETY MESH TO
WORKSAFE NZ
REQUIREMENTS

MID SPAN SUPPORT

PURLIN TAPE BARRIER STRIP

STRUCTURAL STEEL
FRAMING BY ENGINEER

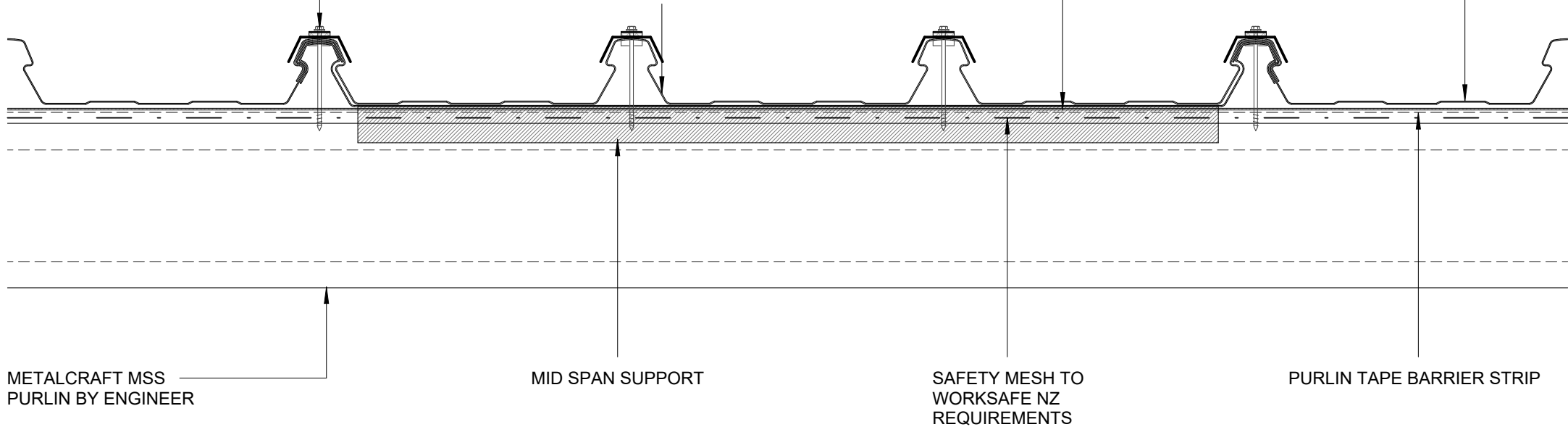
FIXING AND MID SPAN SUPPORT AS
PER ALSYNITE ONE NZ LTD
LITERATURE WWW.ALSYNITE.CO.NZ

FIXING WITH PROFILED
WASHER AND EPDM WASHER

ALSYNITE ONE NZ LTD
METDEK 855 TRANSLUCENT
SHEET INSTALLED TO
MANUFACTURERS
RECOMMENDATION

PURLIN PROTECTION

METALCRAFT METDEK 855
ROOFING



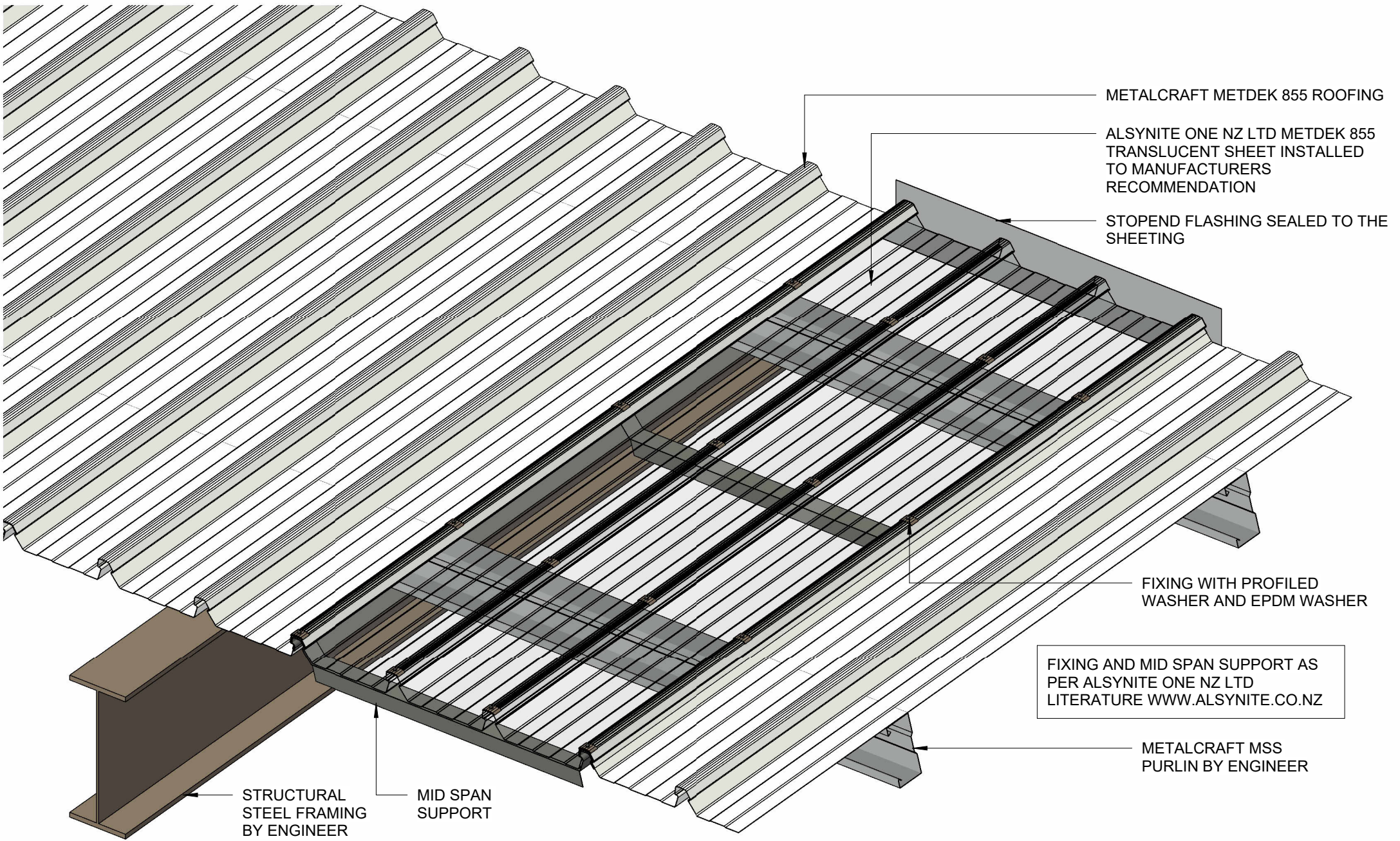
METALCRAFT MSS
PURLIN BY ENGINEER

MID SPAN SUPPORT

SAFETY MESH TO
WORKSAFE NZ
REQUIREMENTS

PURLIN TAPE BARRIER STRIP

FIXING AND MID SPAN SUPPORT AS
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METALCRAFT METDEK 855 ROOFING

ALSYNITE ONE NZ LTD METDEK 855
TRANSLUCENT SHEET INSTALLED
TO MANUFACTURERS
RECOMMENDATION

STOPEND FLASHING SEALED TO THE
SHEETING

FIXING WITH PROFILED
WASHER AND EPDM WASHER

FIXING AND MID SPAN SUPPORT AS
PER ALSYNITE ONE NZ LTD
LITERATURE WWW.ALSYNITE.CO.NZ

METALCRAFT MSS
PURLIN BY ENGINEER

STRUCTURAL
STEEL FRAMING
BY ENGINEER

MID SPAN
SUPPORT

3D TRANSLUCENT SHEETS
COMMERCIAL ROOFING