Metcom 965

COMMERCIAL ROOFING

DETAIL LIST		Revision	Date
D 00	COVER SHEET		
D 01	RIDGE WITH PROFILED APEX	1.0	28.02.2019
D 02	RIDGE WITH NON PROFILED APEX	1.0	28.02.2019
D 03	SAWTOOTH RIDGE	1.0	28.02.2019
D 04	INTERNAL GUTTER	1.0	28.02.2019
D 05	FLUSH EAVE WITH PAN FIXED GUTTER	1.0	28.02.2019
D 06	FLUSH EAVE WITH EXTERNAL GUTTER BRACKET	1.0	28.02.2019
D 07	BARGE WITH PROFILED CLADDING	1.0	28.02.2019
D 08	BARGE OVERHANG	1.0	28.02.2019
D 09	PARAPET WITH TRANSVERSE APRON	1.0	28.02.2019
D 10	TRANSVERSE APRON	1.0	28.02.2019
D 11	PARALLEL APRON	1.0	28.02.2019
D 12	PARALLEL HIDDEN GUTTER	1.0	28.02.2019
D 13	PARALLEL HIDDEN GUTTER (2 PART FLASHING)	1.0	28.02.2019
D 14	ROOF STEP	1.0	28.02.2019
D 15	TRANSLUCENT SHEETS - LONG SECTION	1.0	28.02.2019
D 16	TRANSLUCENT SHEETS - CROSS	1.0	28.02.2019
D 17	3D TRANSLUCENT SHEETS	1.0	28.02.2019

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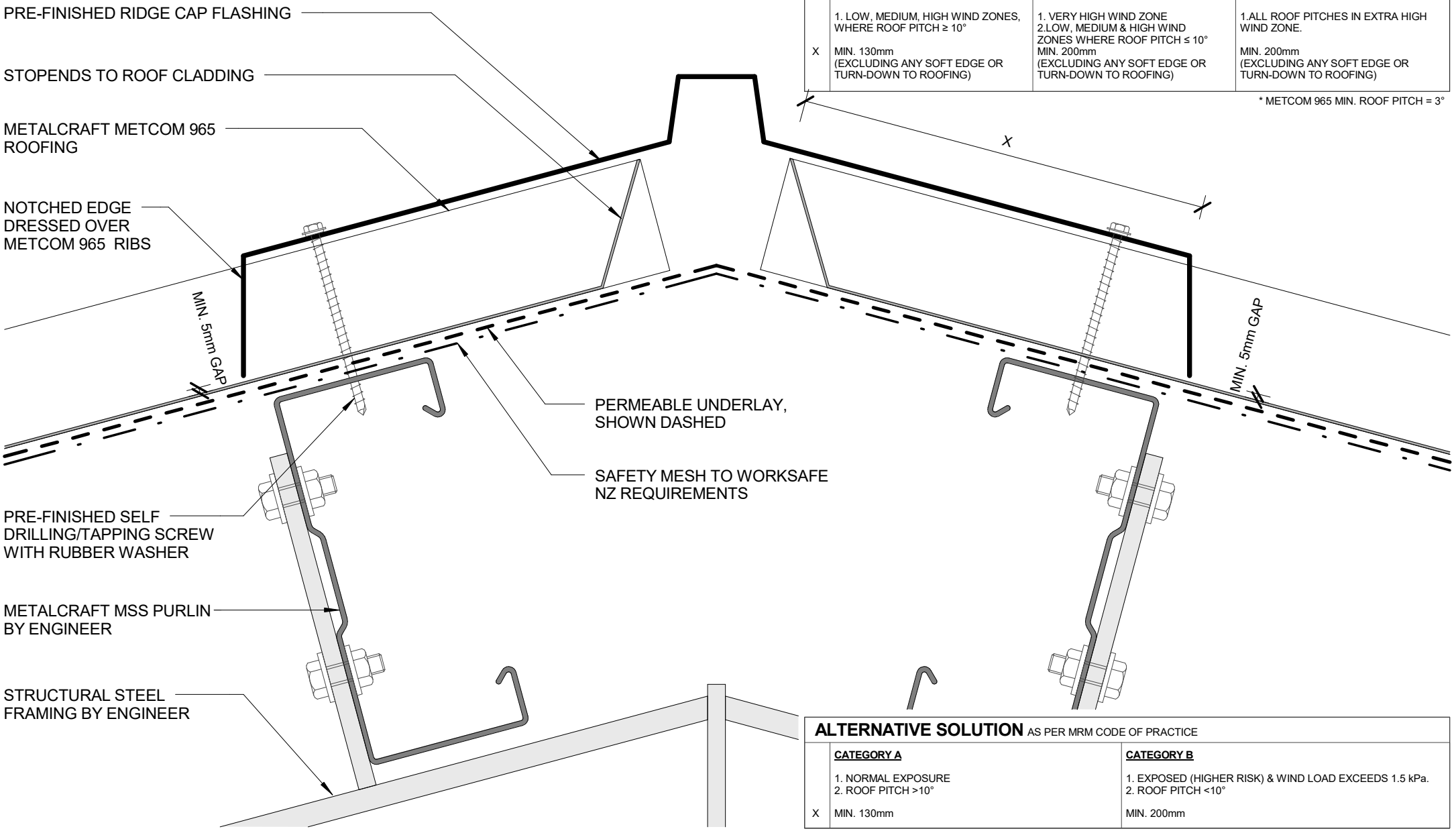

ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2.LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1.ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE.
X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)

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

RIDGE WITH PROFILED APEX

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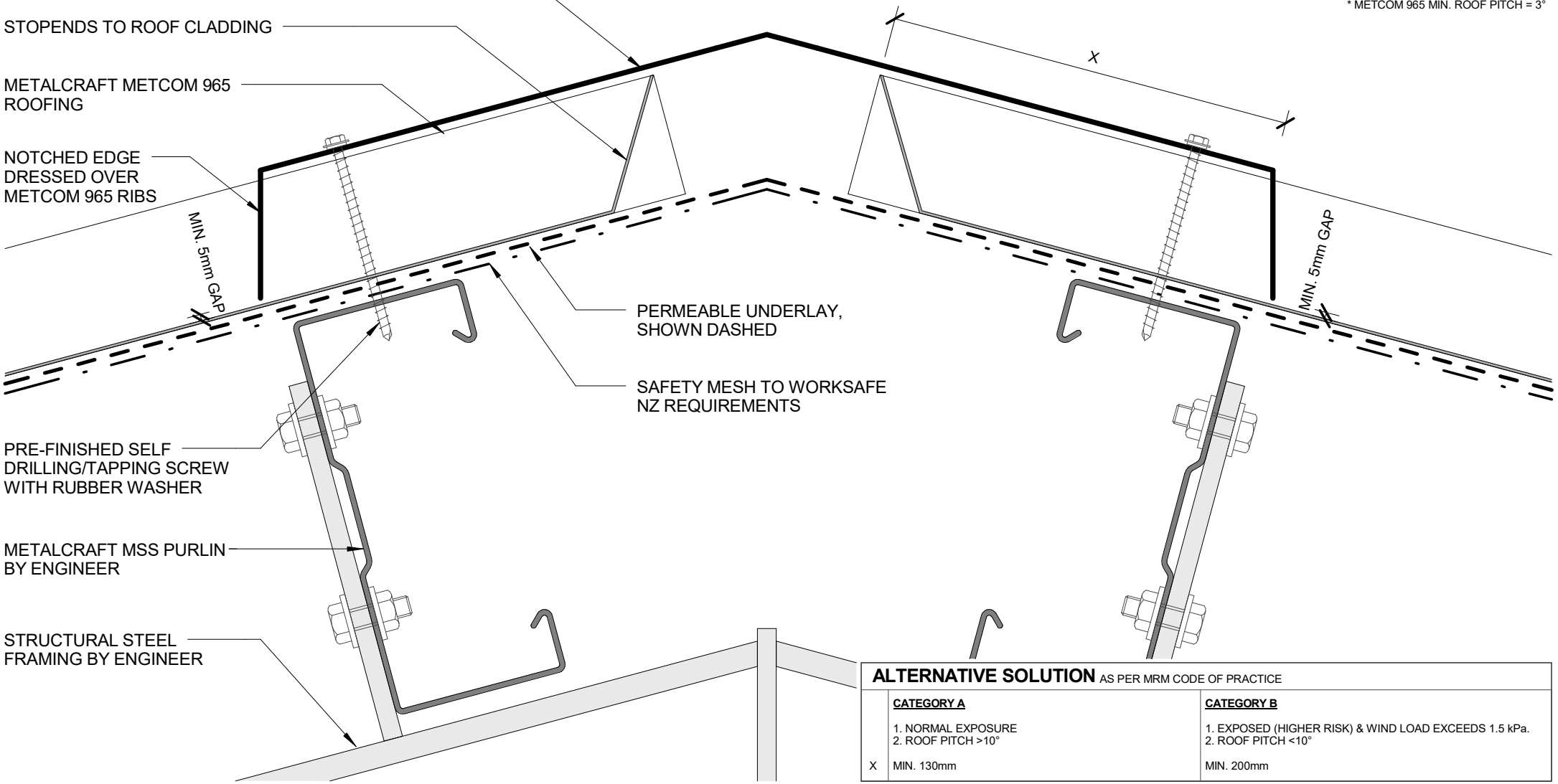
Metcom 965 | Rev. 1.0 | COMMERCIAL ROOFING

Reference CRMET965 | Date 28.02.2019 | Scale 1 : 2 | Sheet D 01

ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2.LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1.ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE.
X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)

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

RIDGE WITH NON PROFILED APEX

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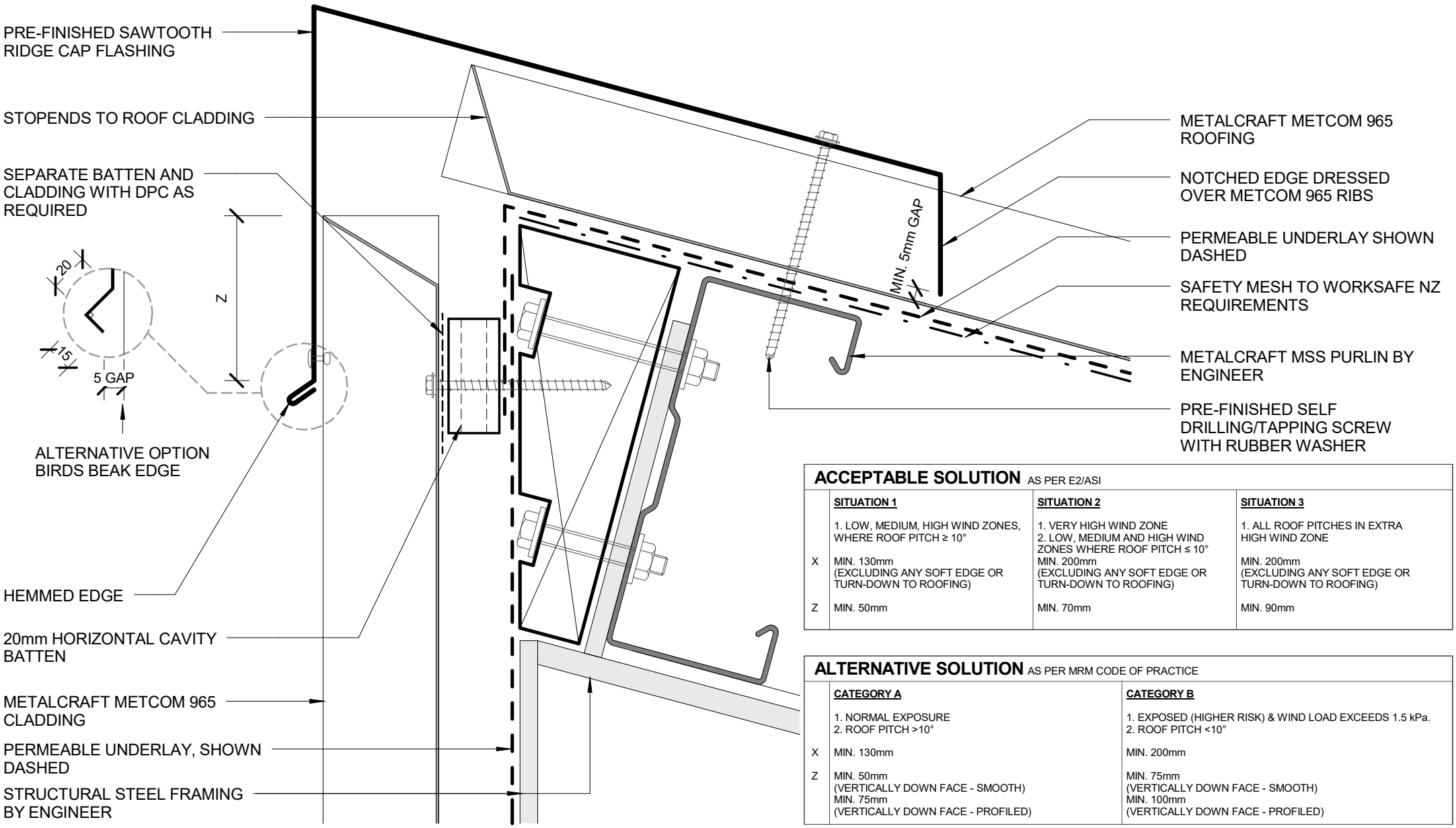
Metcom 965 | Rev. 1.0 | COMMERCIAL ROOFING

Reference CRMET965 | Date 28.02.2019 | Scale 1 : 2 | Sheet D 02

* METCOM 965 MIN. ROOF PITCH = 3°



ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

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°
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)

SAWTOOTH RIDGE

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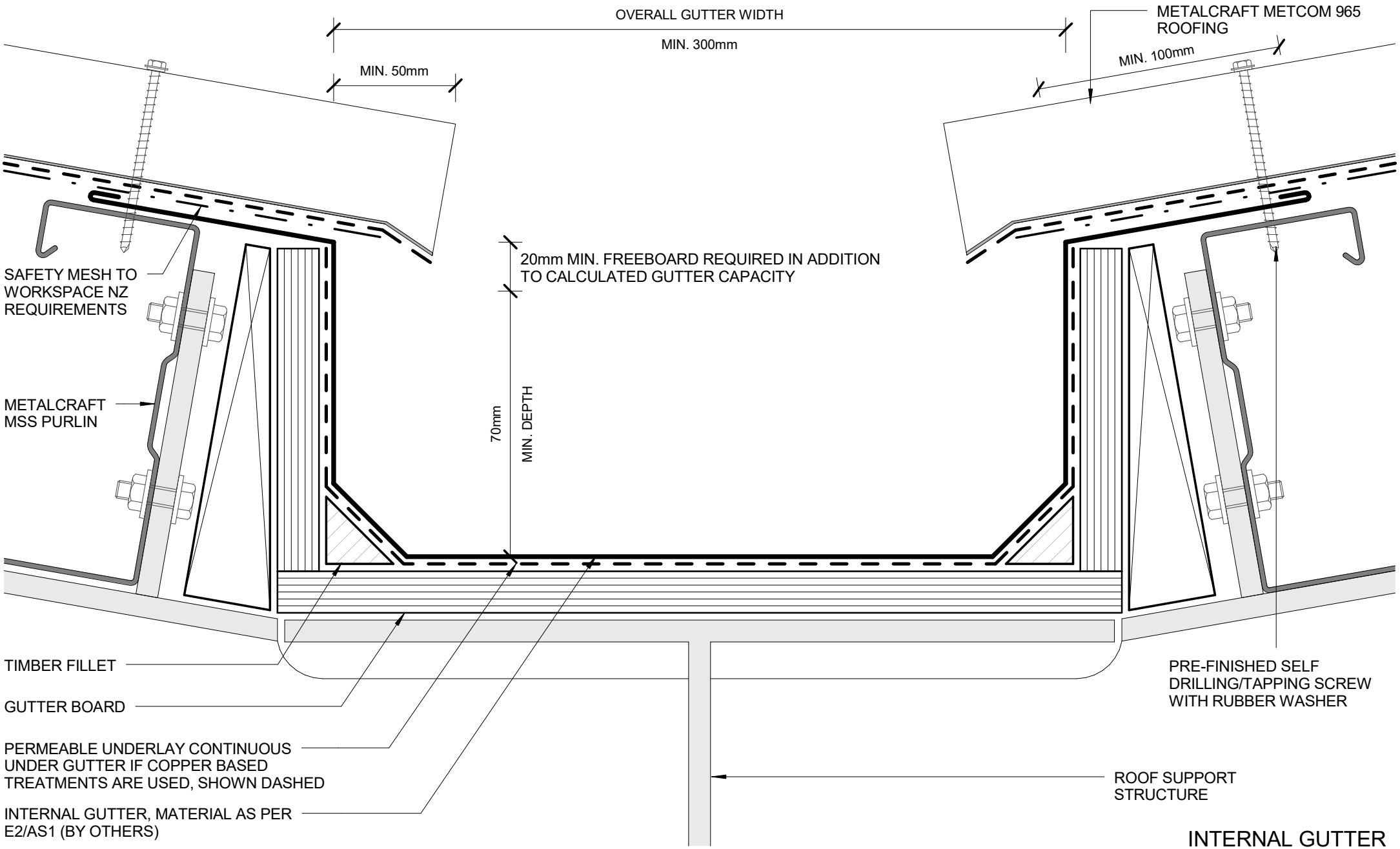
Metcom 965 Rev. 1.0 COMMERCIAL ROOFING

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet **D 03**



INTERNAL GUTTER

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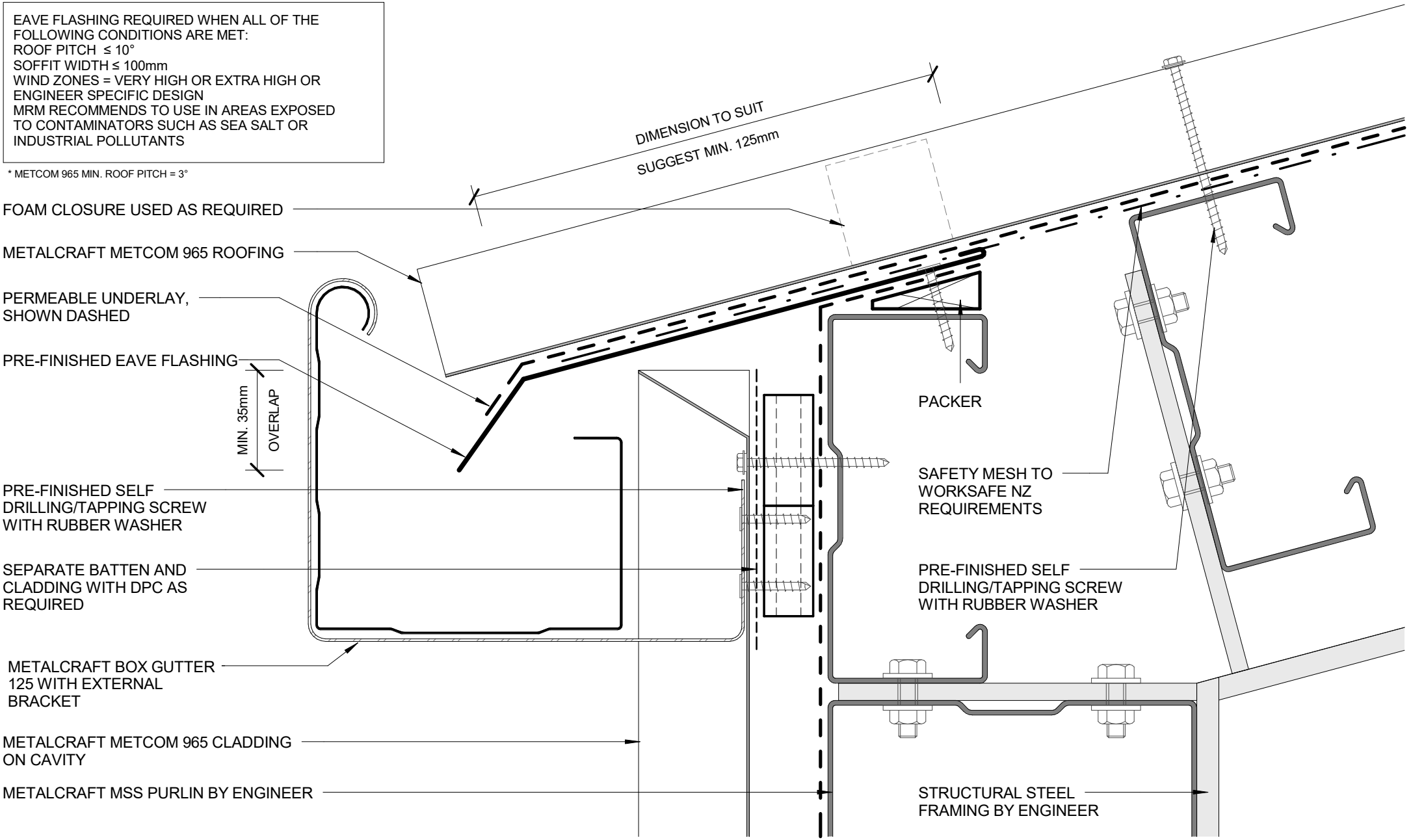
Metcom 965	Rev. 1.0			**COMMERCIAL ROOFING**
Reference CRMET965	Date 28.02.2019	Scale 1 : 2	Sheet	**D 04**

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
ROOF PITCH ≤ 10°
SOFFIT WIDTH ≤ 100mm
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°



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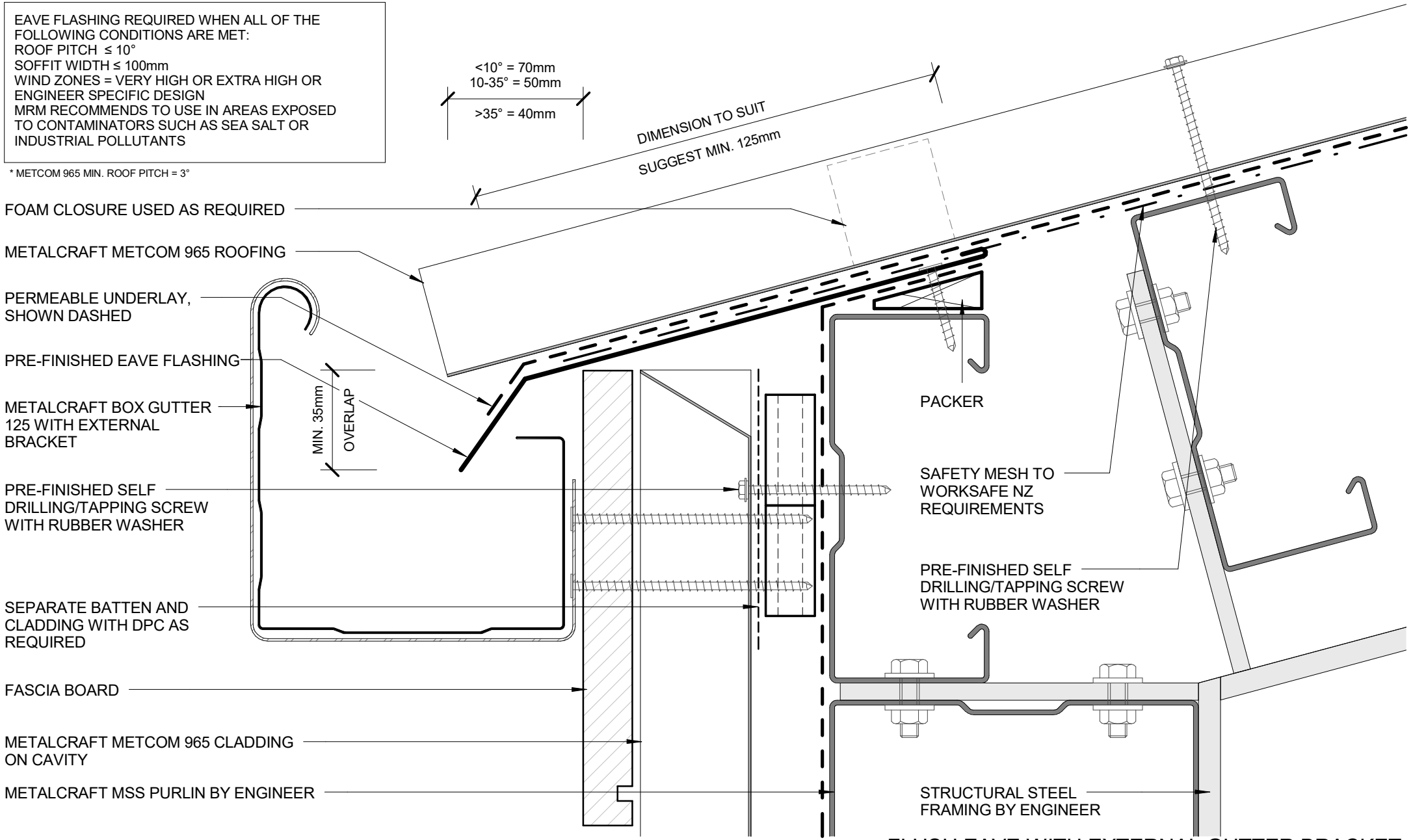
FLUSH EAVE WITH PAN FIXED GUTTER

Metcom 965 | Rev. 1.0 | COMMERCIAL ROOFING

Reference CRMET965 | Date 28.02.2019 | Scale 1 : 2 | Sheet D 05

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
ROOF PITCH ≤ 10°
SOFFIT WIDTH ≤ 100mm
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°



FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

Metalcraft Roofing

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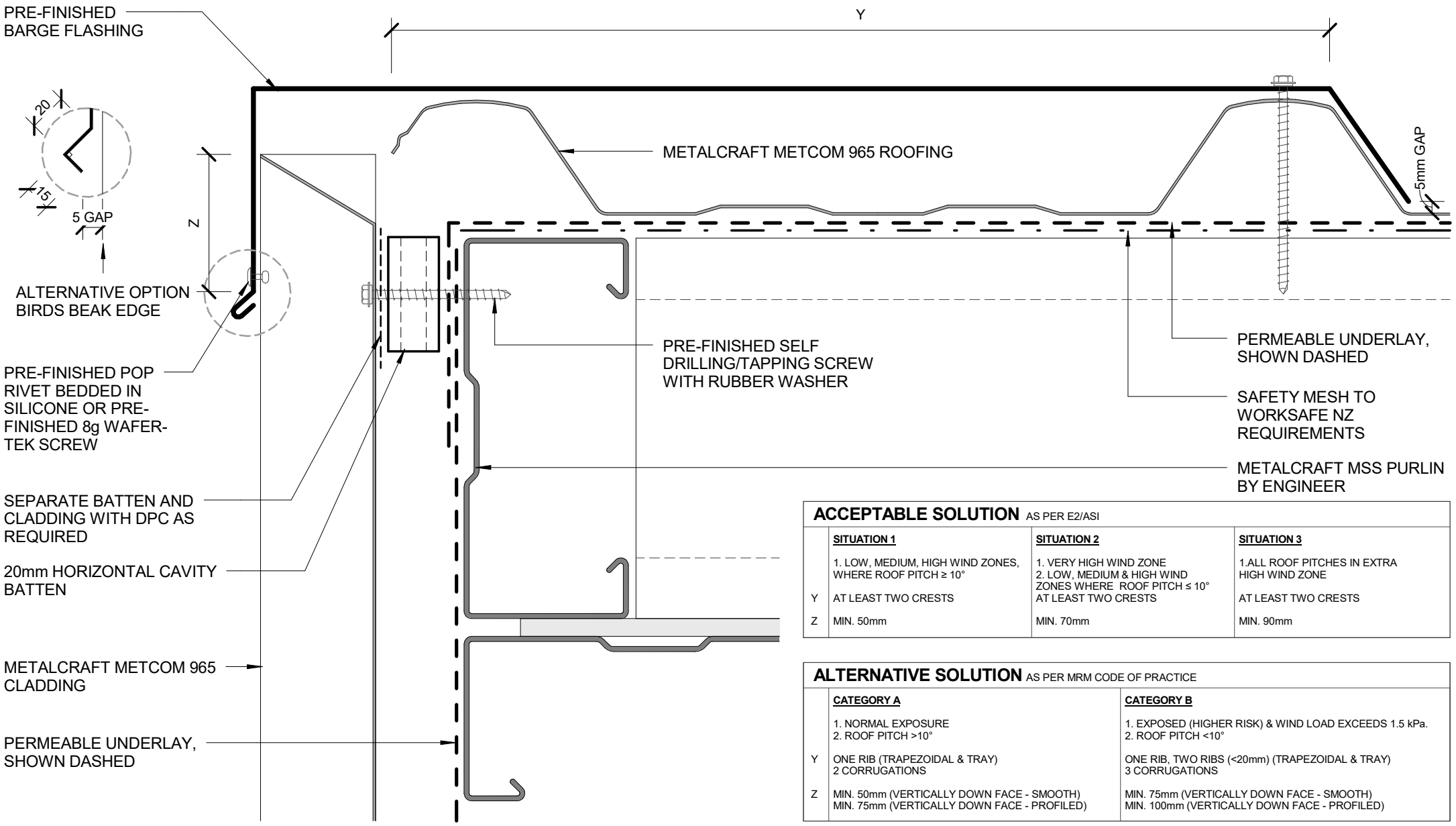
Metcom 965 Rev. 1.0 COMMERCIAL ROOFING

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet D 06



ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	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

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°
Y	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS	ONE RIB, TWO RIBS (<20mm) (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

Metcom 965 Rev. 1.0 COMMERCIAL ROOFING

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet D 07

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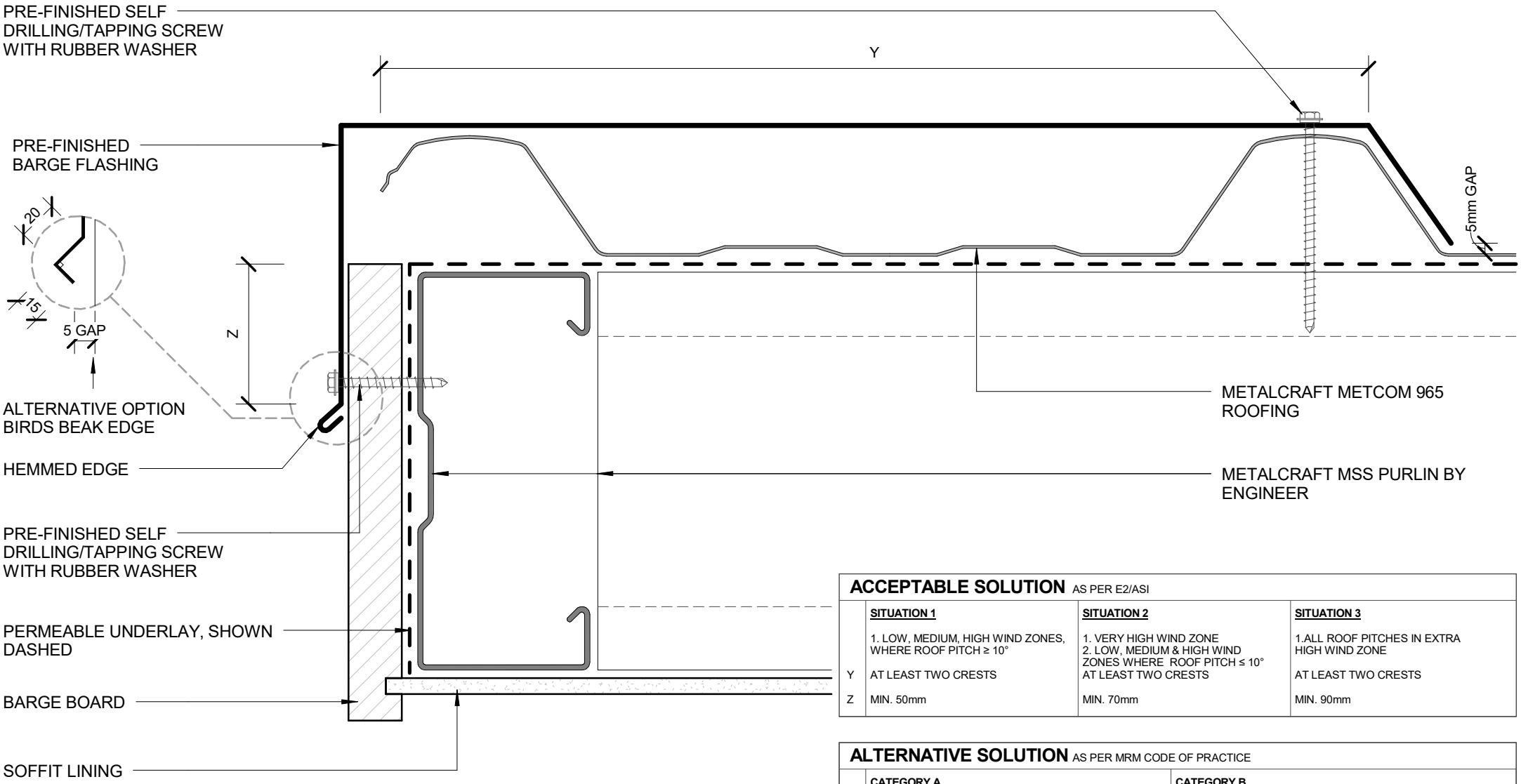


ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	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

ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

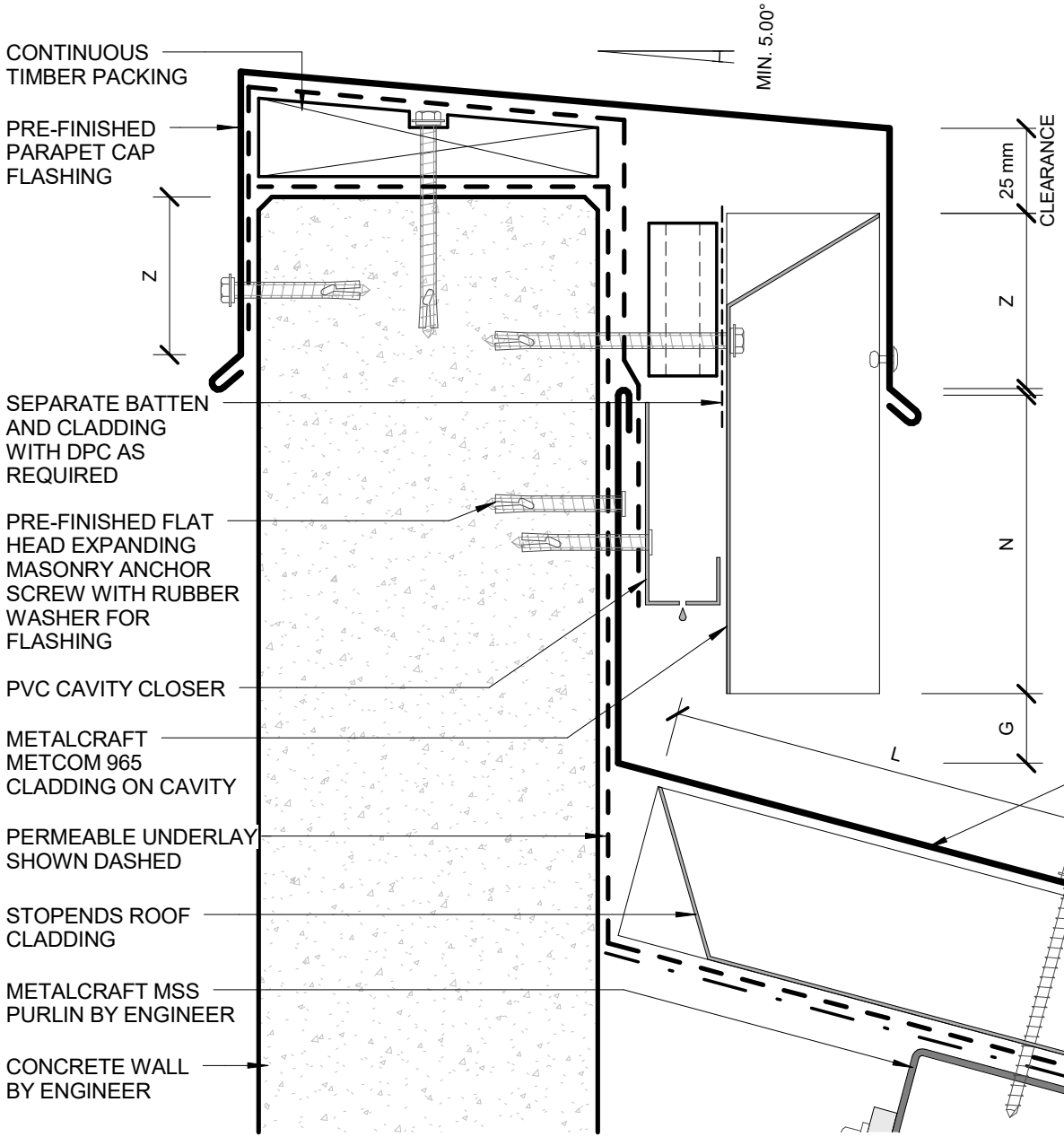
	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
Y	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)

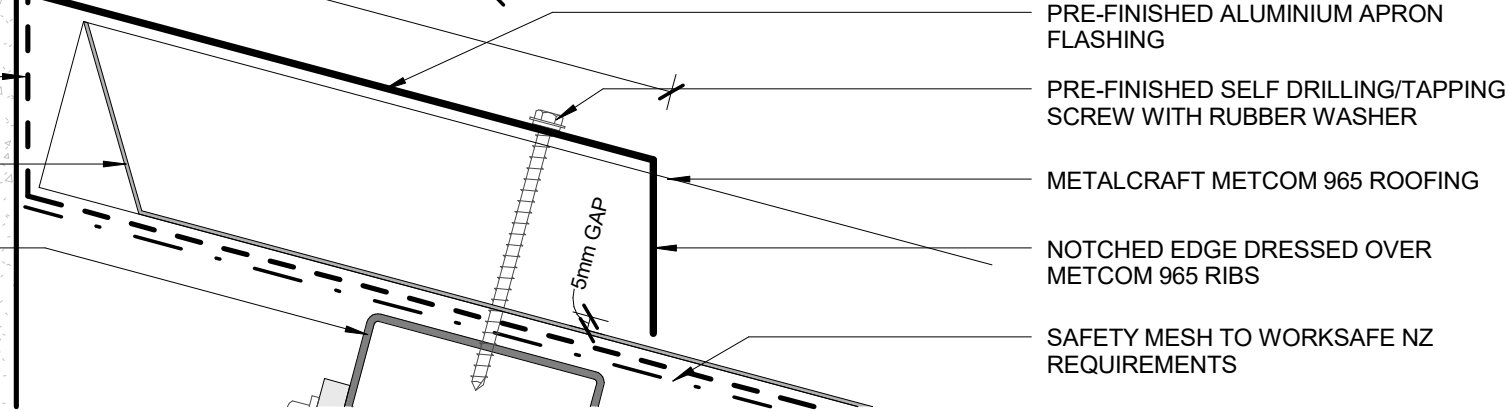
Metalcraft Roofing

BARGE OVERHANG

Metcom 965 Rev. 1.0 COMMERCIAL ROOFING

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet **D 08**





ACCEPTABLE SOLUTION AS PER E2/ASI

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

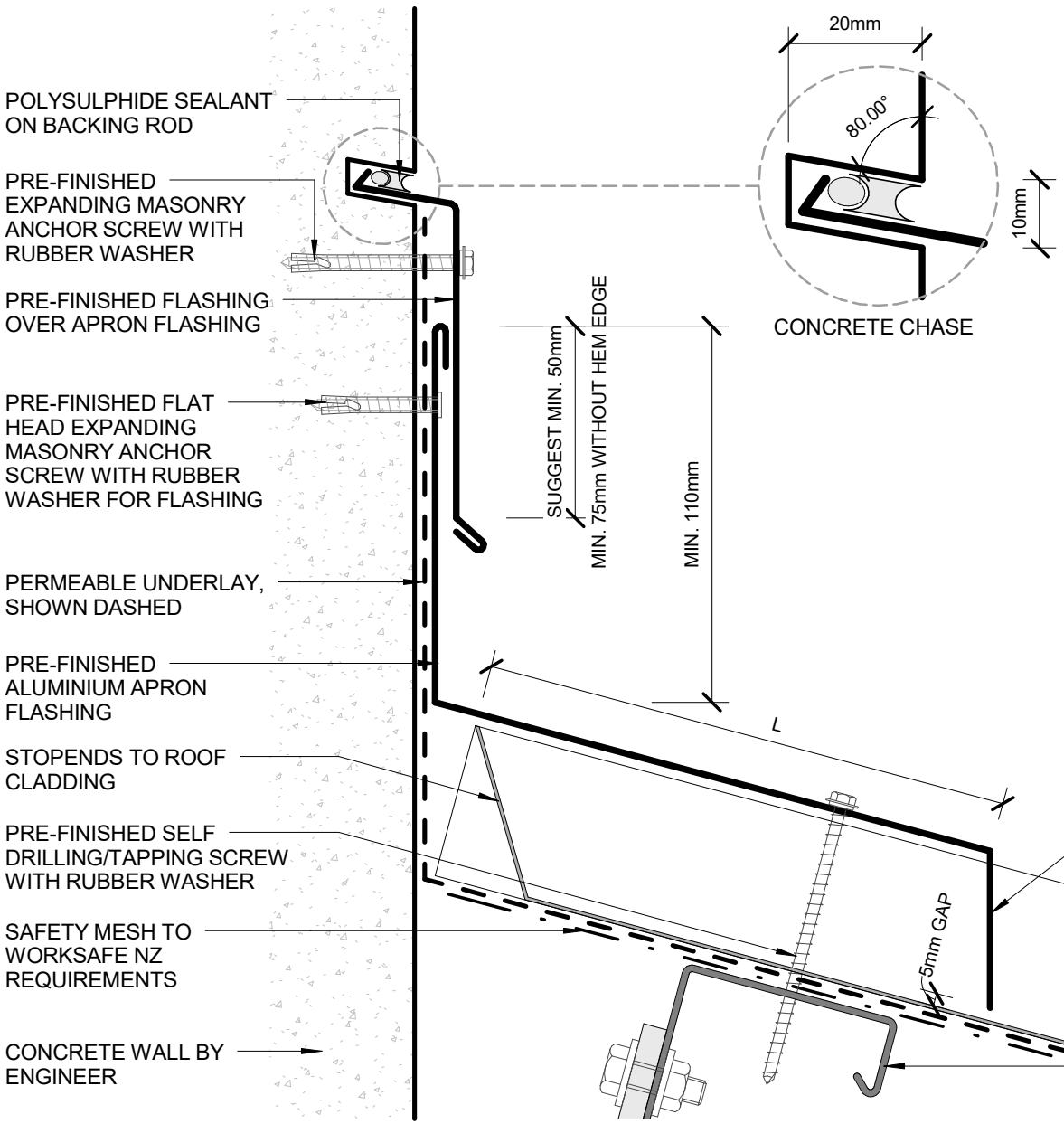
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

	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

Metalcraft Roofing



ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1. ALL ROOF PITCHES EXTRA HIGH WIND ZONE
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°
L	MIN. 150mm	MIN. 200mm

* METCOM 965 MIN. ROOF PITCH = 3°

TRANSVERSE APRON

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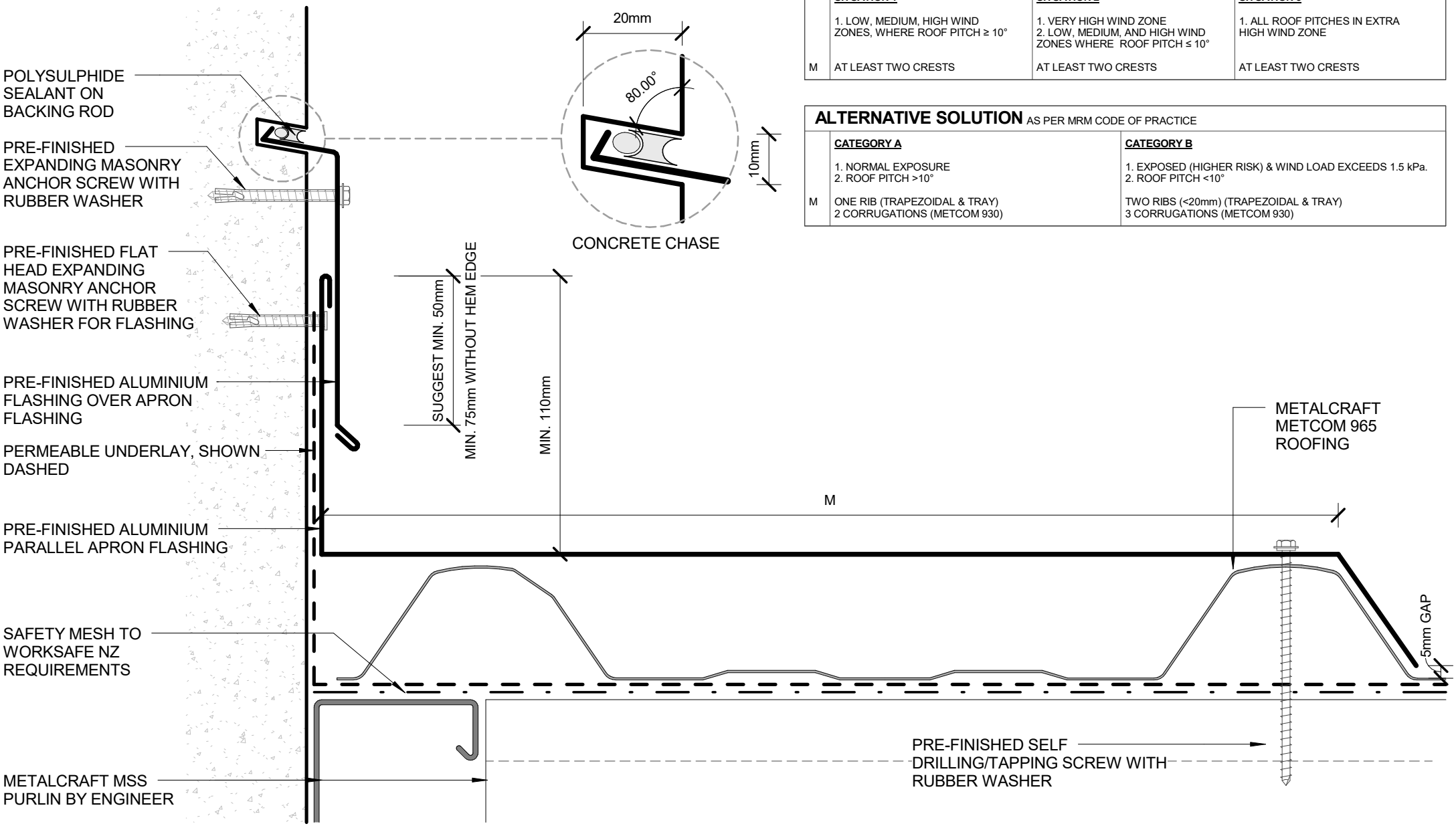


ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1. ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE
M	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS

ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

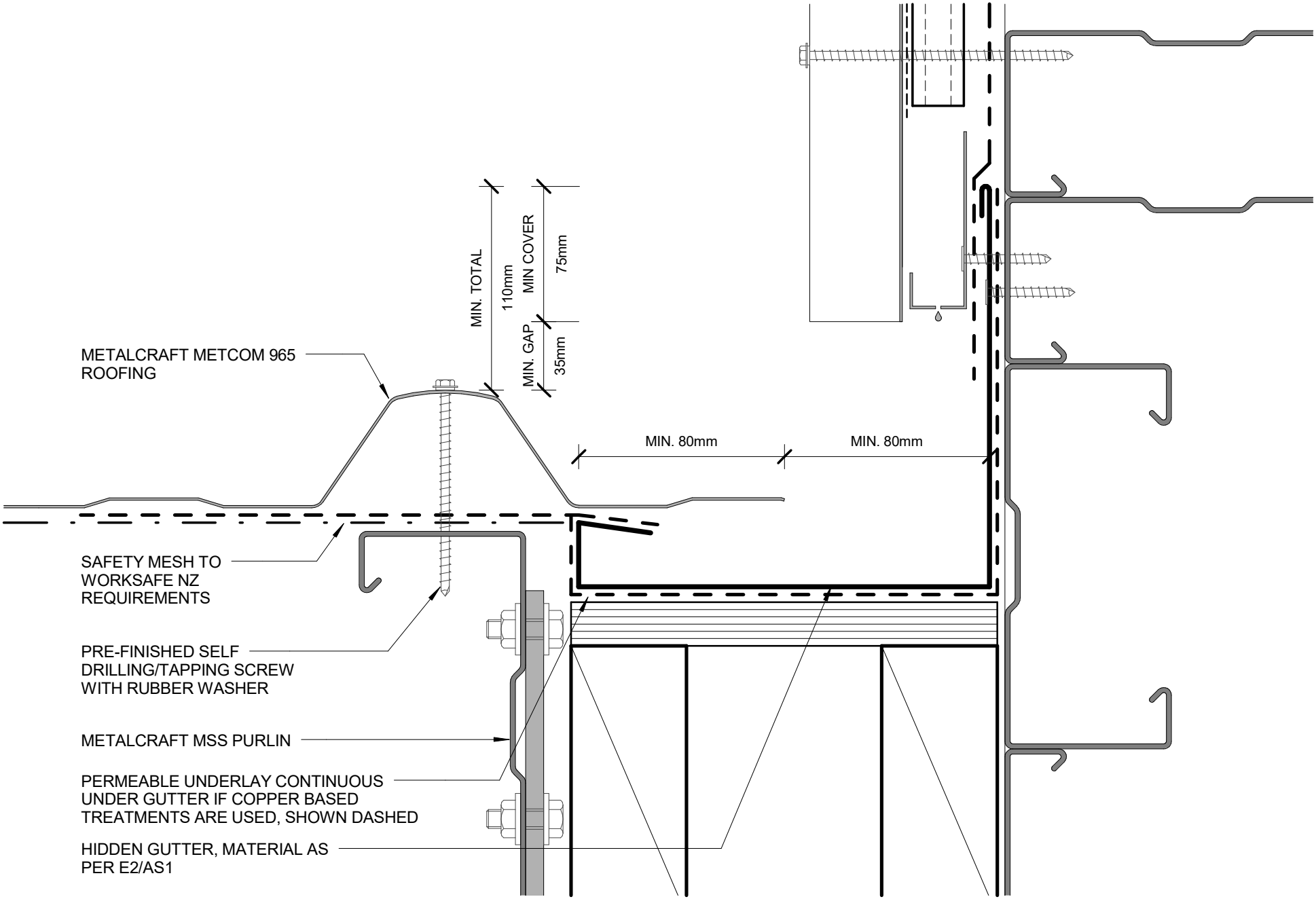
	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
M	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (METCOM 930)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (METCOM 930)

Metalcraft Roofing

PARALLEL APRON

Metcom 965 Rev. 1.0 COMMERCIAL ROOFING

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet D 11



PARALLEL HIDDEN GUTTER

Metalcraft Roofing

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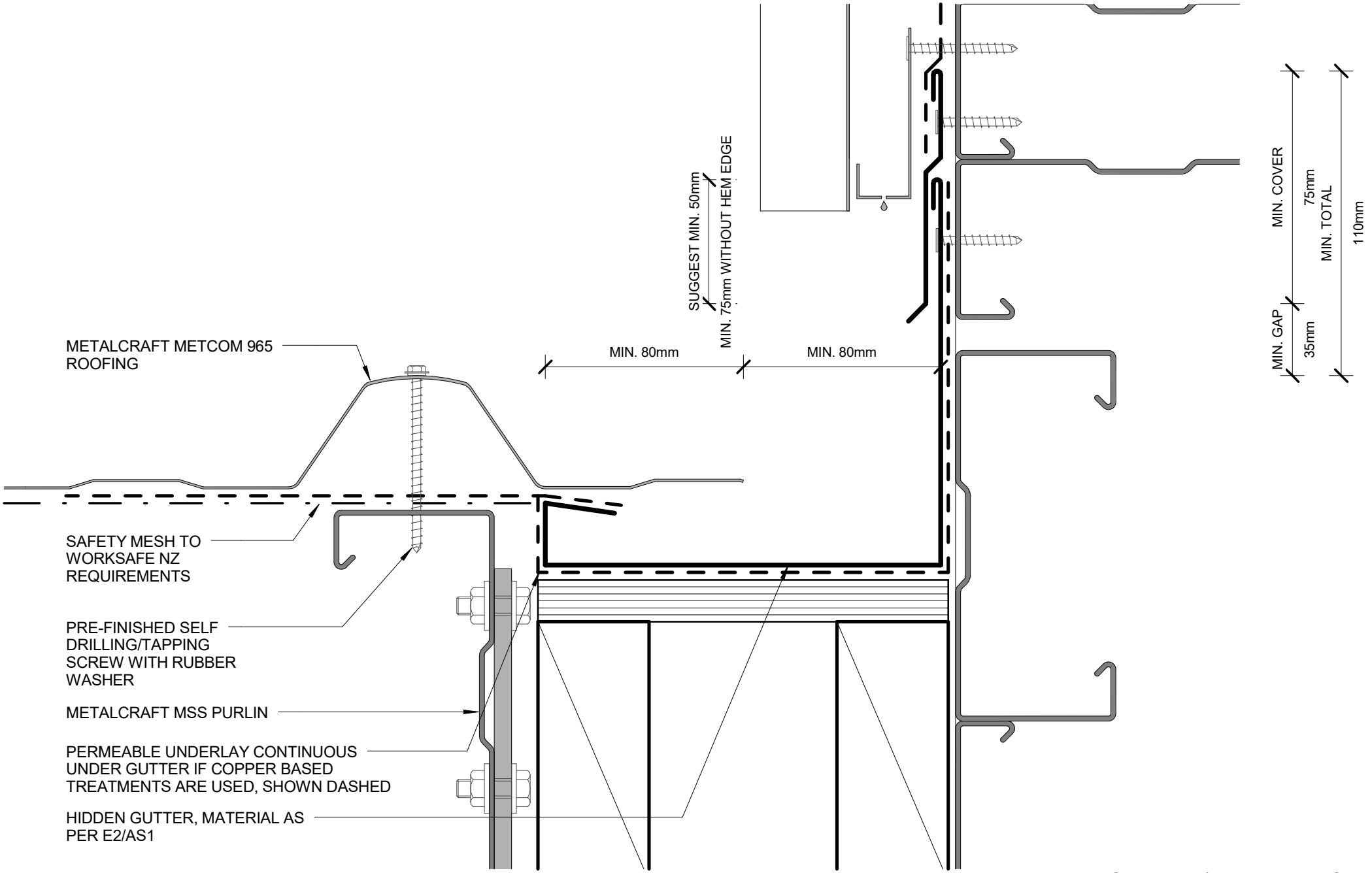
Metcom 965 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet **D 12**



PARALLEL HIDDEN GUTTER (2 PART FLASHING)

Metalcraft Roofing

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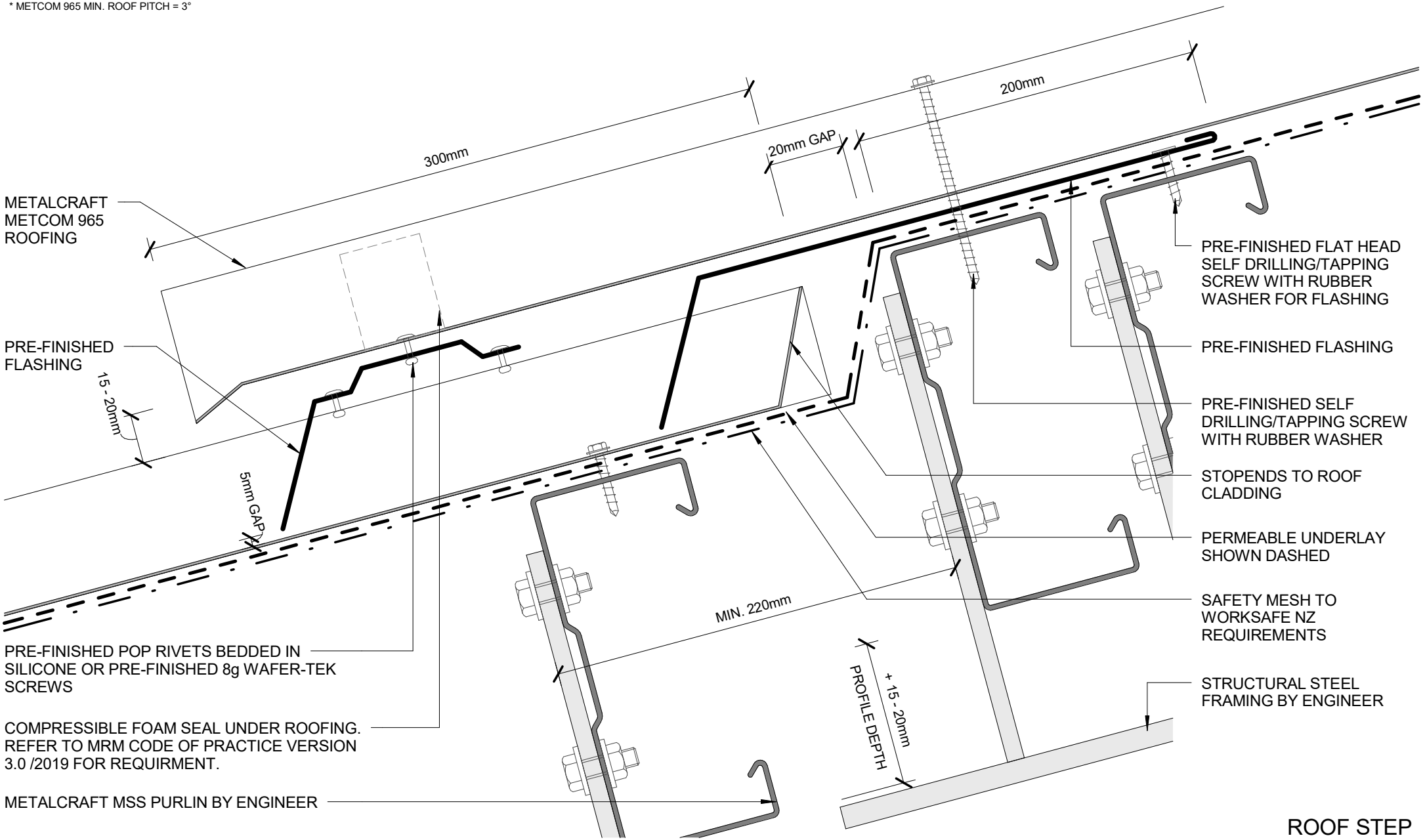
Metcom 965 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet **D 13**

* METCOM 965 MIN. ROOF PITCH = 3°

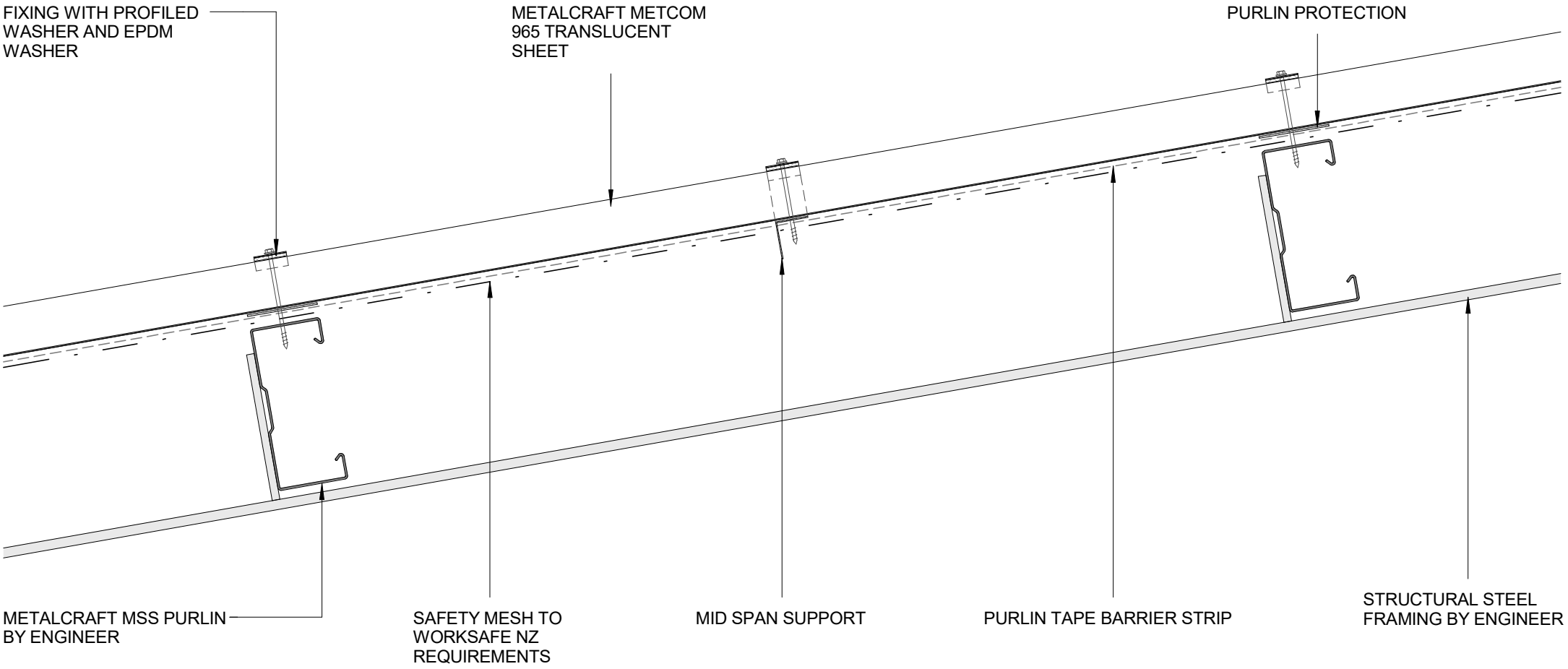


Metalcraft Roofing

ROOF STEP

Metcom 965 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMET965 Date 28.02.2019 Scale 1 : 2 Sheet **D 14**

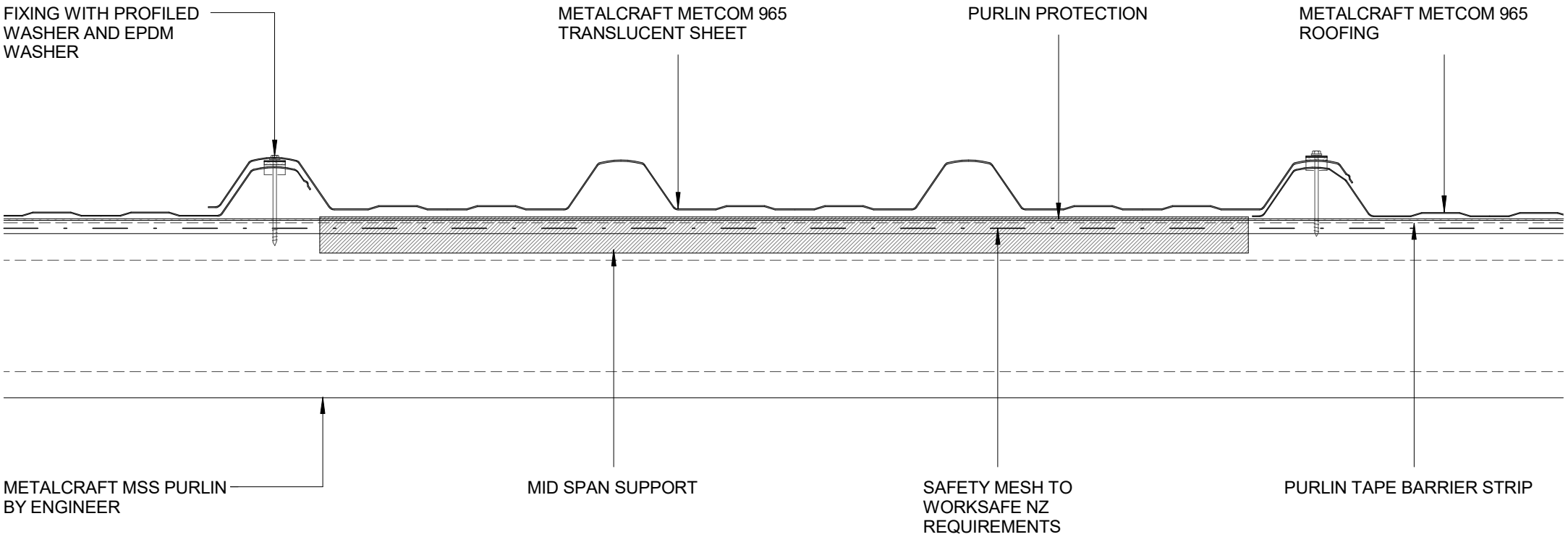


Metalcraft Roofing

TRANSLUCENT SHEETS - LONG SECTION

Metcom 965 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMET965 Date 28.02.2019 Scale 1 : 5 Sheet **D 15**

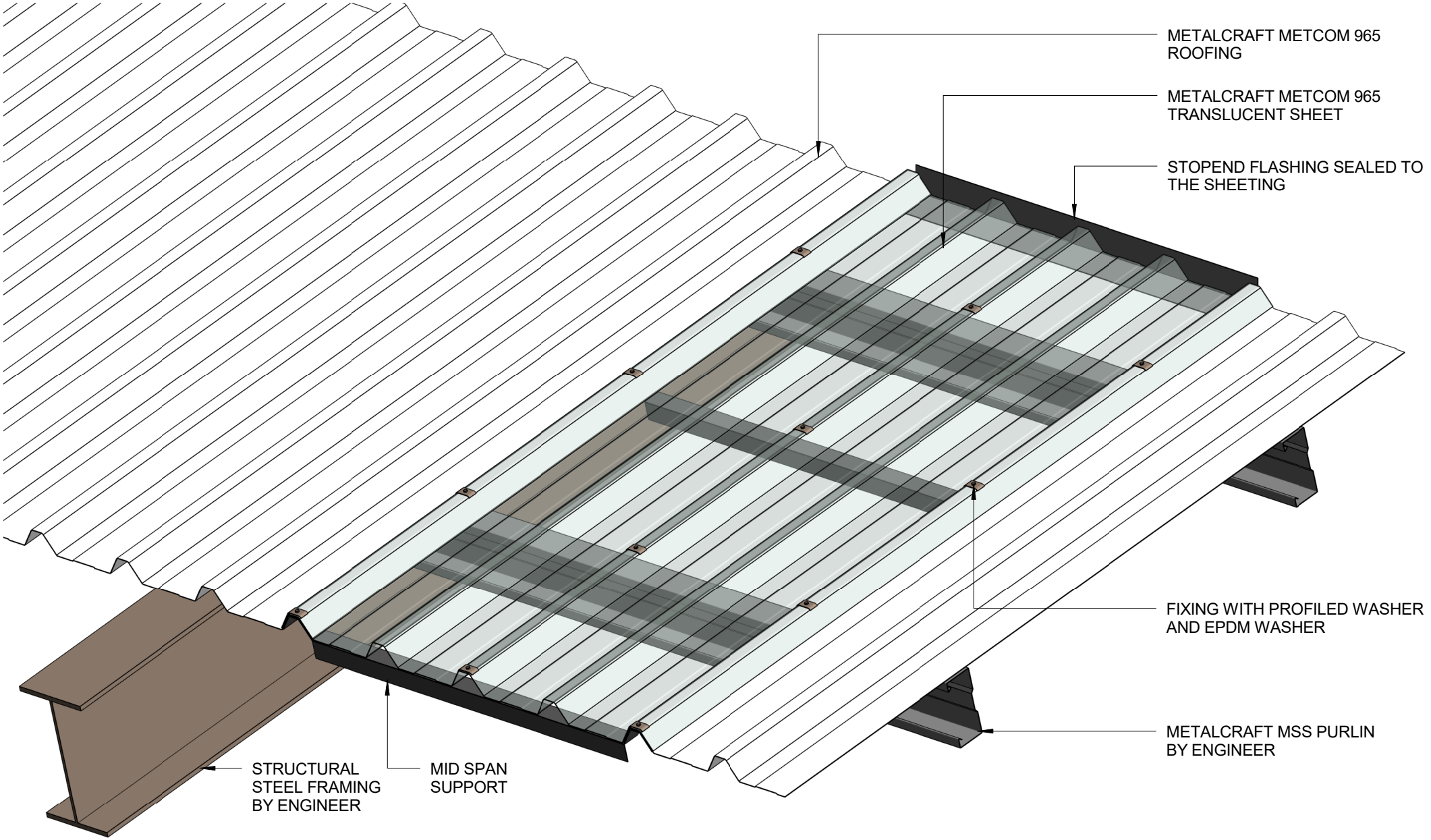


Metalcraft Roofing

TRANSLUCENT SHEETS - CROSS

Metcom 965 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMET965 Date 28.02.2019 Scale 1 : 5 Sheet **D 16**



3D TRANSLUCENT SHEETS

Metalcraft Roofing