Metcom 7

COMMERCIAL ROOFING

DETAIL LIST		Revision	Date
D 00 / 17	COVER SHEET		
D 01 / 17	RIDGE WITH PROFILED APEX	1.0	JAN 2023
D 02 / 17	RIDGE WITH NON PROFILED APEX	1.0	JAN 2023
D 03 / 17	SAWTOOTH RIDGE	1.0	JAN 2023
D 04 / 18	INTERNAL GUTTER	1.0	JAN 2023
D 05 / 17	FLUSH EAVE WITH EXTERNAL GUTTER BRACKET	1.0	JAN 2023
D 06 / 17	FLUSH EAVE WITH PAN FIXED GUTTER	1.0	JAN 2023
D 07 / 17	BARGE WITH PROFILED CLADDING	1.0	JAN 2023
D 08 / 17	BARGE OVERHANG	1.0	JAN 2023
D 09 / 17	PARAPET WITH TRANSVERSE APRON	1.0	JAN 2023
D 10 / 17	TRANSVERSE APRON	1.0	JAN 2023
D 11 / 17	PARALLEL APRON	1.0	JAN 2023
D 12 / 17	PARALLEL HIDDEN GUTTER	1.0	JAN 2023
D 13 / 17	PARALLEL HIDDEN GUTTER (2 PART FLASHING)	1.0	JAN 2023
D 14 / 17	ROOF STEP	1.0	JAN 2023
D 15 / 17	TRANSLUCENT SHEETS - LONG SECTION	1.0	JAN 2023
D 16 / 17	TRANSLUCENT SHEETS - CROSS	1.0	JAN 2023
D 17 / 17	3D TRANSLUCENT SHEETS	1.0	JAN 2023

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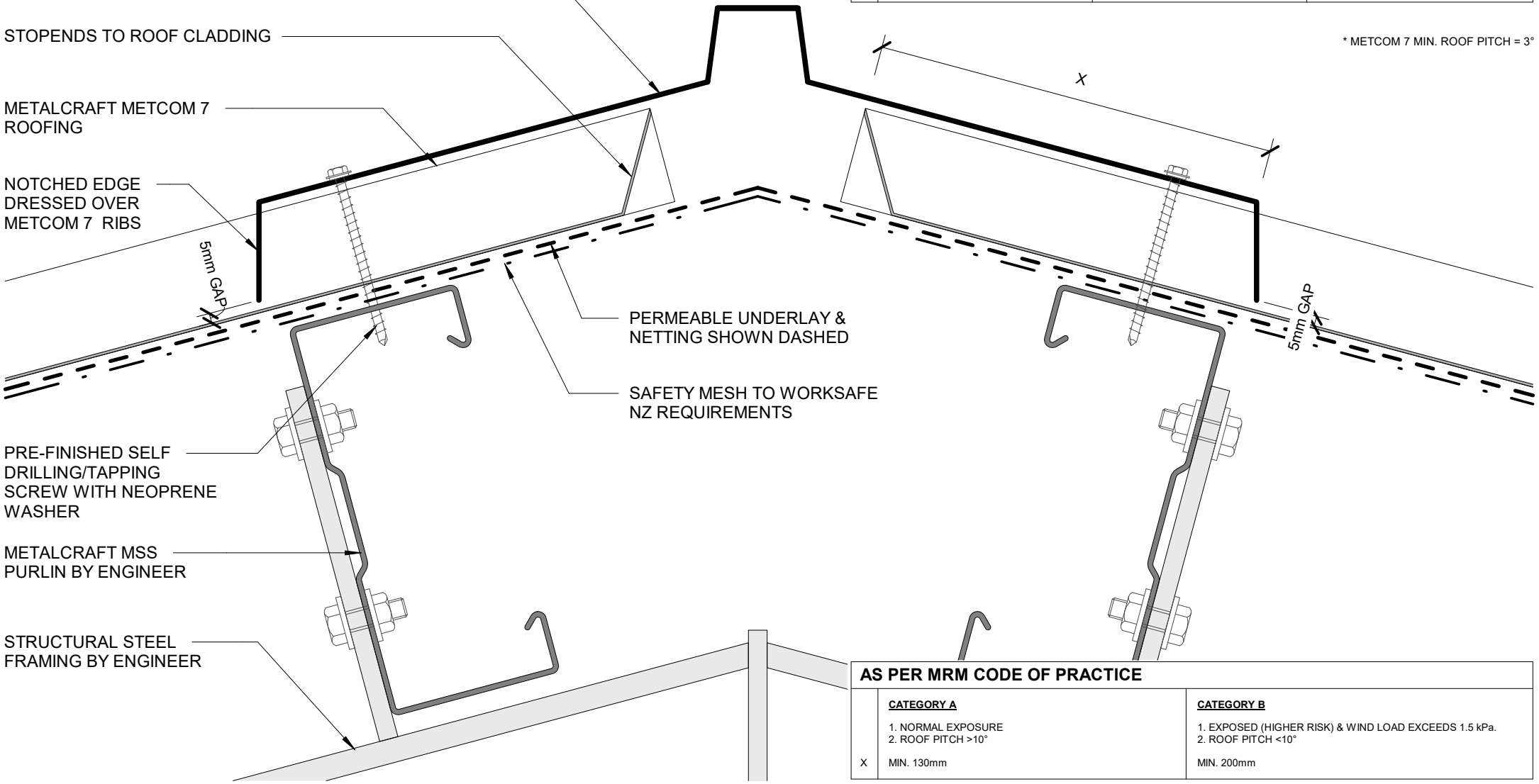
AS PER E2/ASI

	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 7 MIN. ROOF PITCH = 3°



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

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RIDGE WITH PROFILED APEX

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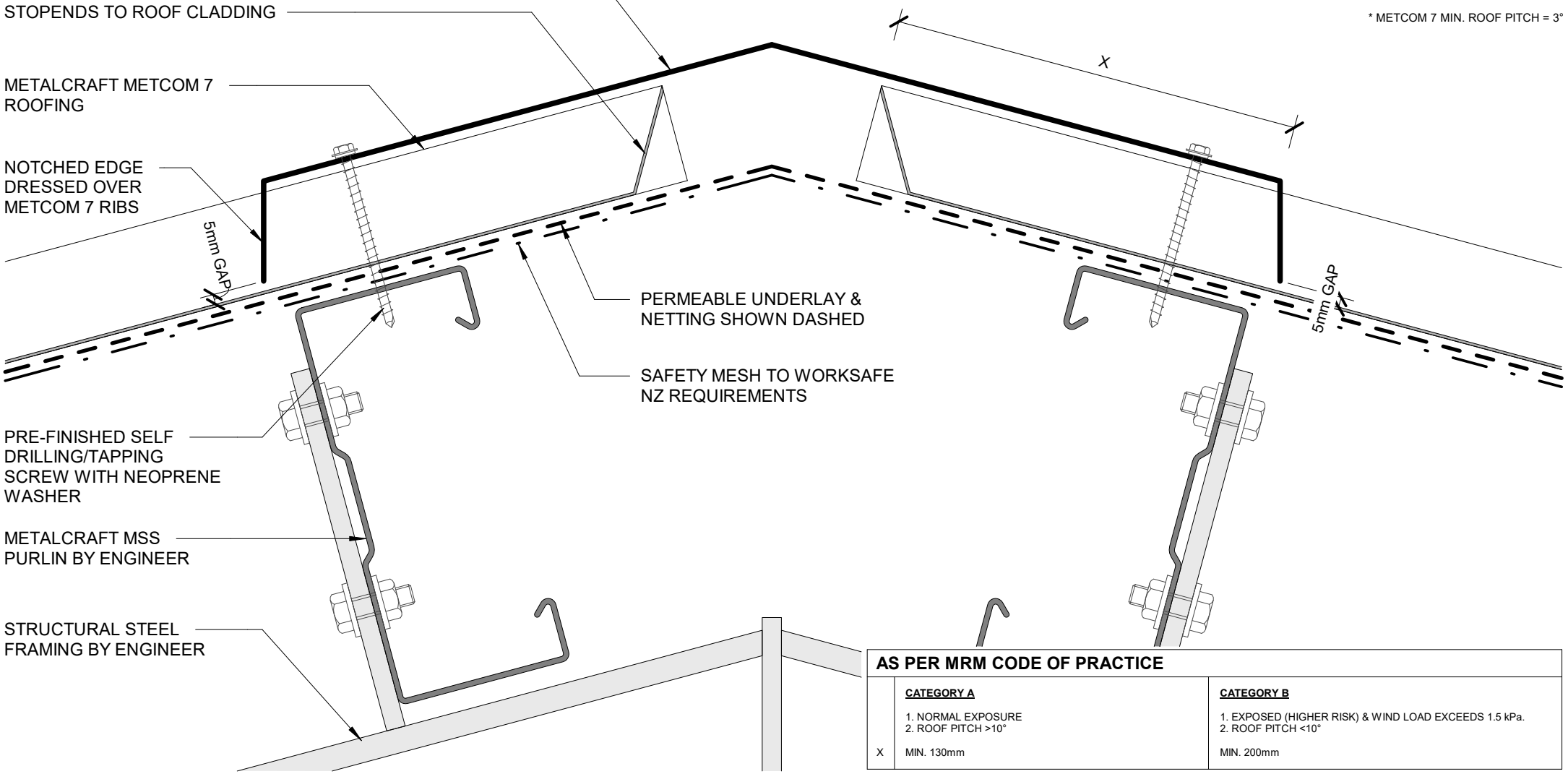
Reference CRMC7 | Date JAN 2023 | Scale 1 : 2 | Sheet D 01 / 17

AS PER E2/ASI			
	SITUATION 1	**SITUATION 2**	**SITUATION 3**
X	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10° MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	1. VERY HIGH WIND ZONE 2.LOW, MEDIUM & HIGH WIND ZONES WHERE ROOF PITCH ≤ 10° MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	1.ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE. MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)

* METCOM 7 MIN. ROOF PITCH = 3°



AS PER MRM CODE OF PRACTICE		
	CATEGORY A	**CATEGORY B**
X	1. NORMAL EXPOSURE 2. ROOF PITCH >10° MIN. 130mm	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10° MIN. 200mm

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RIDGE WITH NON PROFILED APEX

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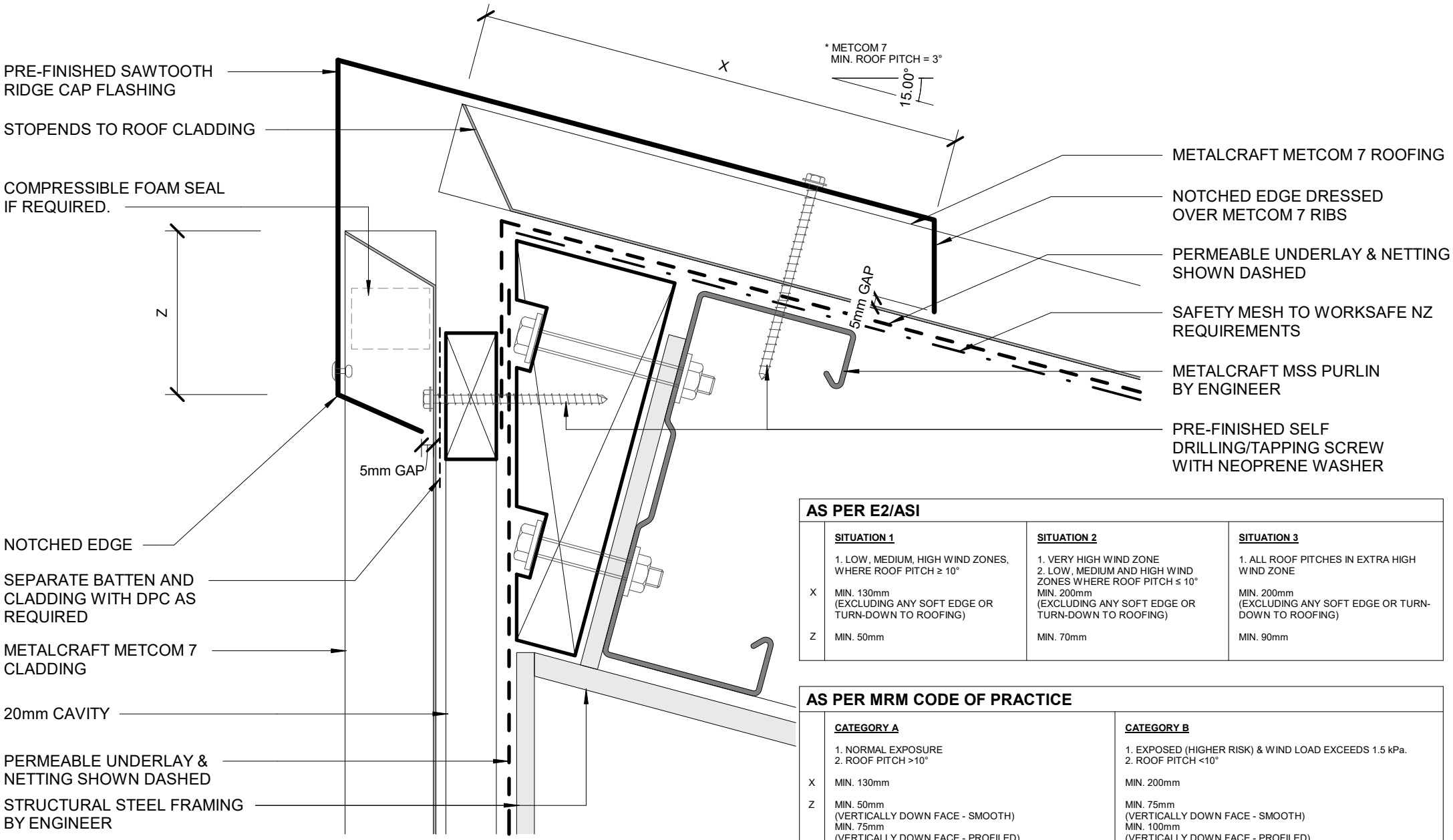
Reference CRMC7 Date JAN 2023 Scale 1 : 2 Sheet **D 02 / 17**



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

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)

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SAWTOOTH RIDGE

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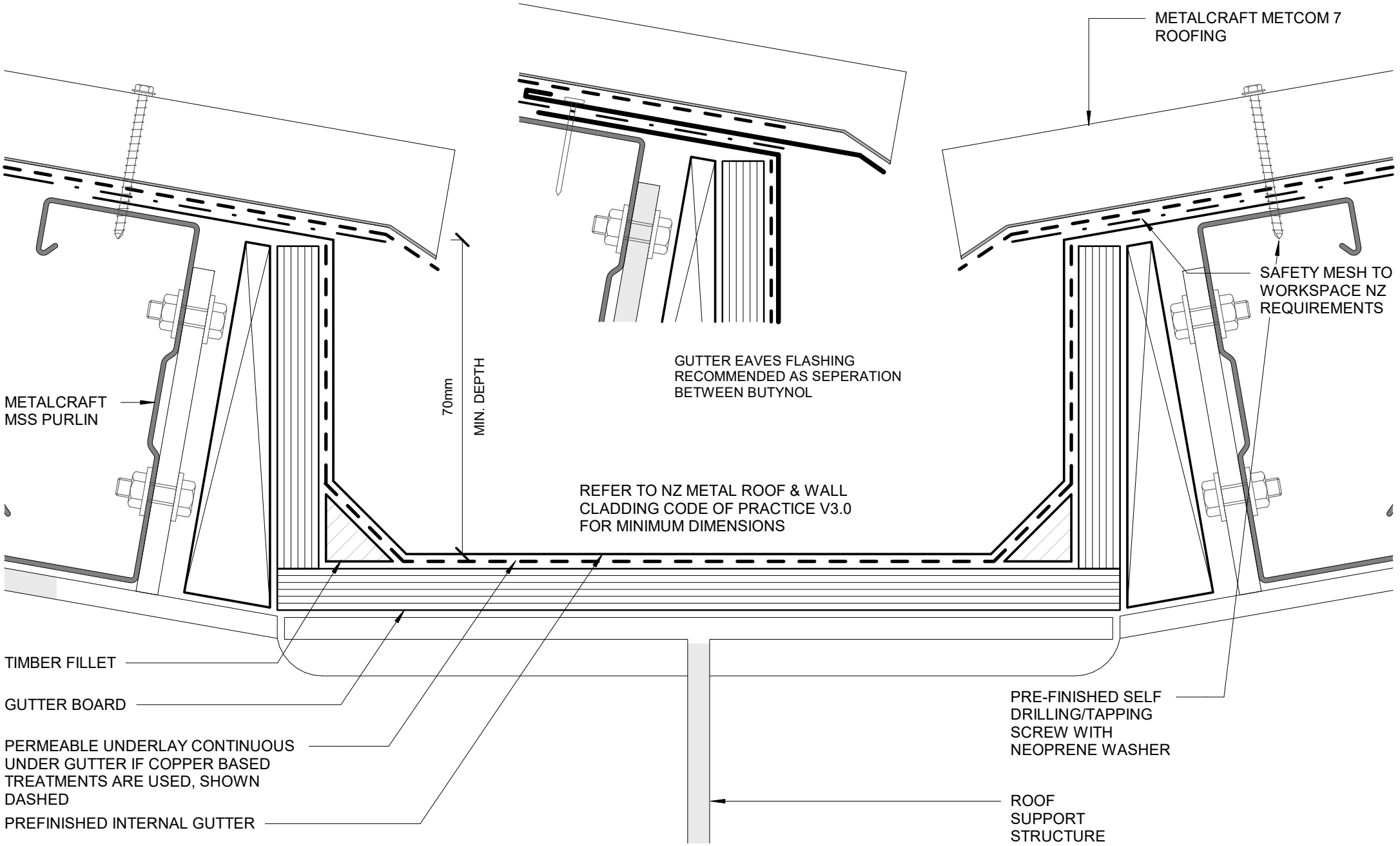
Reference CRMC7 | Date JAN 2023 | Scale 1 : 2 | Sheet D 03 / 17



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INTERNAL GUTTER

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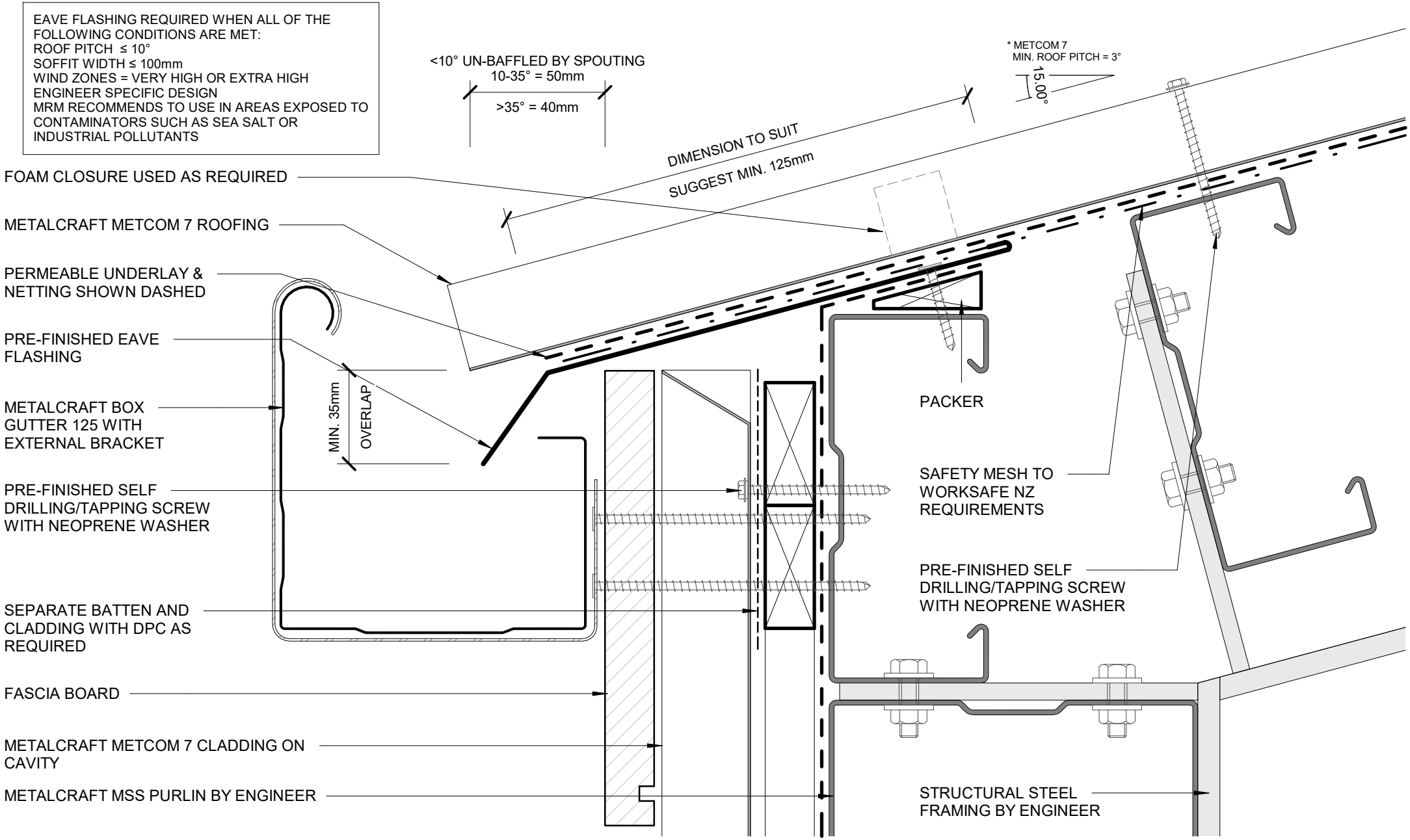
Reference CRMC7 Date JAN 2023 Scale 1 : 2 Sheet **D 04 / 18**

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
ROOF PITCH ≤ 10°
SOFFIT WIDTH ≤ 100mm
WIND ZONES = VERY HIGH OR EXTRA HIGH
ENGINEER SPECIFIC DESIGN
MRM RECOMMENDS TO USE IN AREAS EXPOSED TO CONTAMINATORS SUCH AS SEA SALT OR INDUSTRIAL POLLUTANTS



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FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

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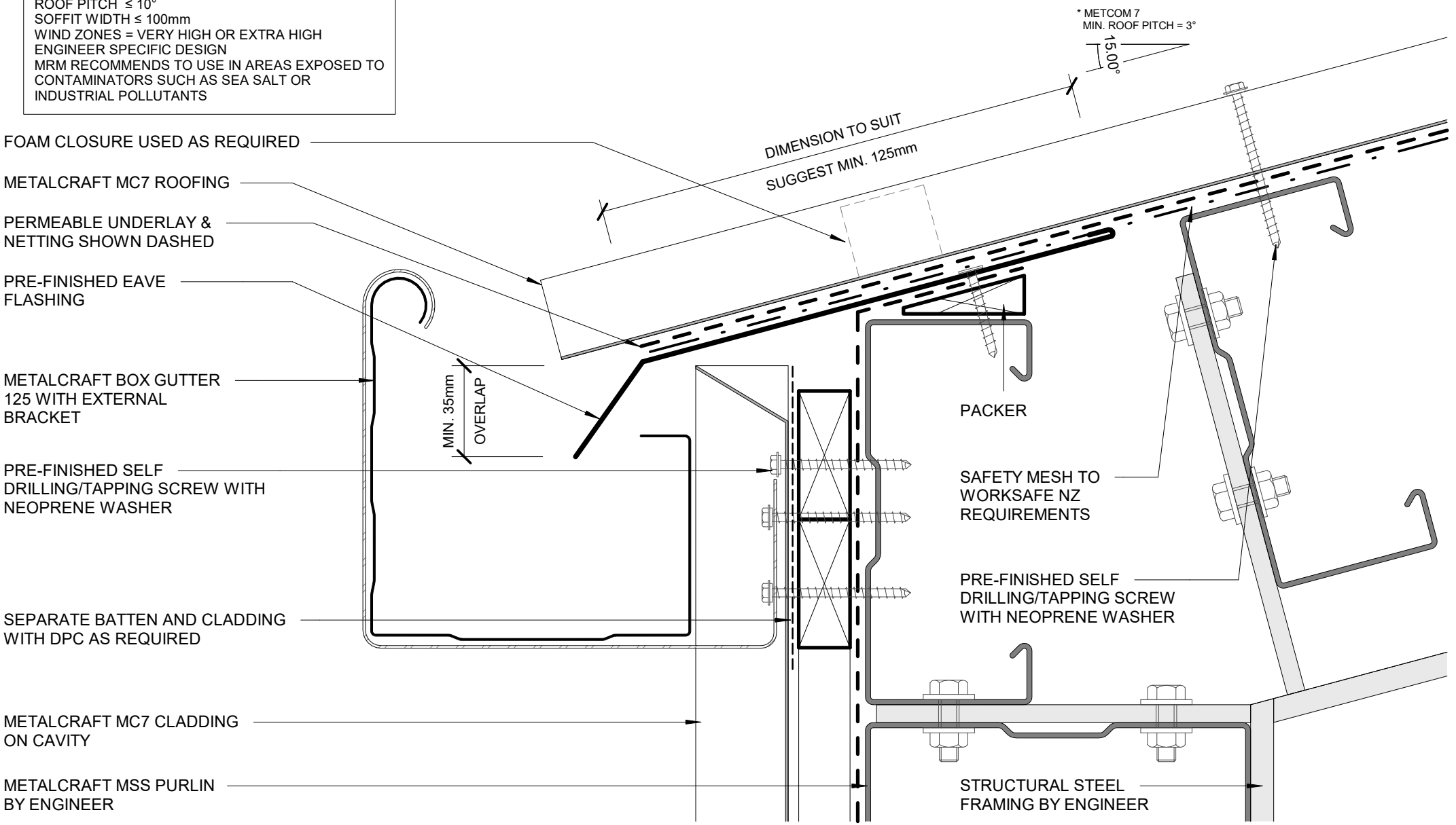
Reference CRMC7 | Date JAN 2023 | Scale 1 : 2 | Sheet D 05 / 17

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
ROOF PITCH ≤ 10°
SOFFIT WIDTH ≤ 100mm
WIND ZONES = VERY HIGH OR EXTRA HIGH
ENGINEER SPECIFIC DESIGN
MRM RECOMMENDS TO USE IN AREAS EXPOSED TO CONTAMINATORS SUCH AS SEA SALT OR INDUSTRIAL POLLUTANTS



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FLUSH EAVE WITH PAN FIXED GUTTER

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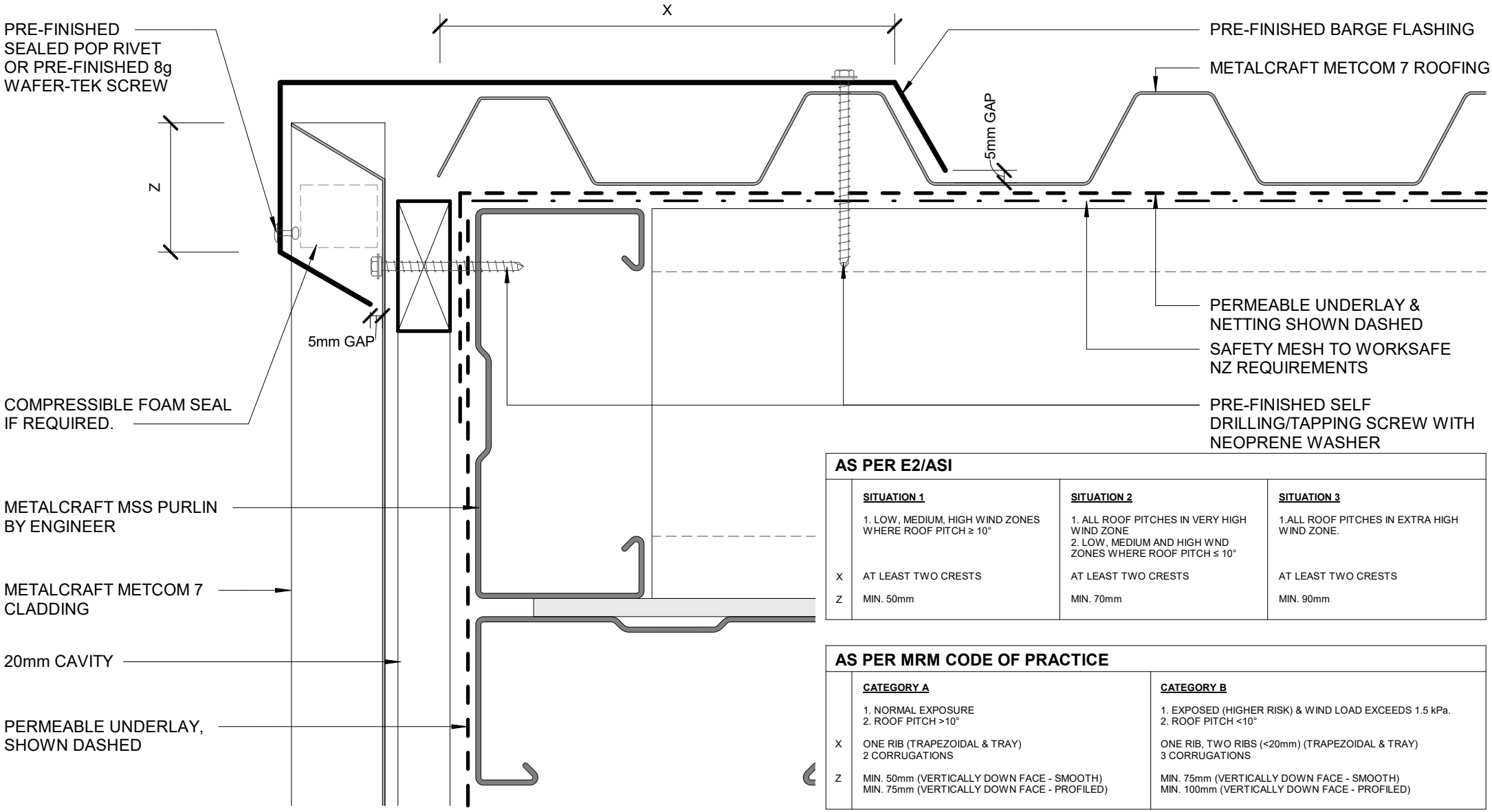
Reference CRMC7 | Date JAN 2023 | Scale 1 : 2 | Sheet D 06 / 17



AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WND ZONES WHERE ROOF PITCH ≤ 10°	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
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
X	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)

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BARGE WITH PROFILED CLADDING

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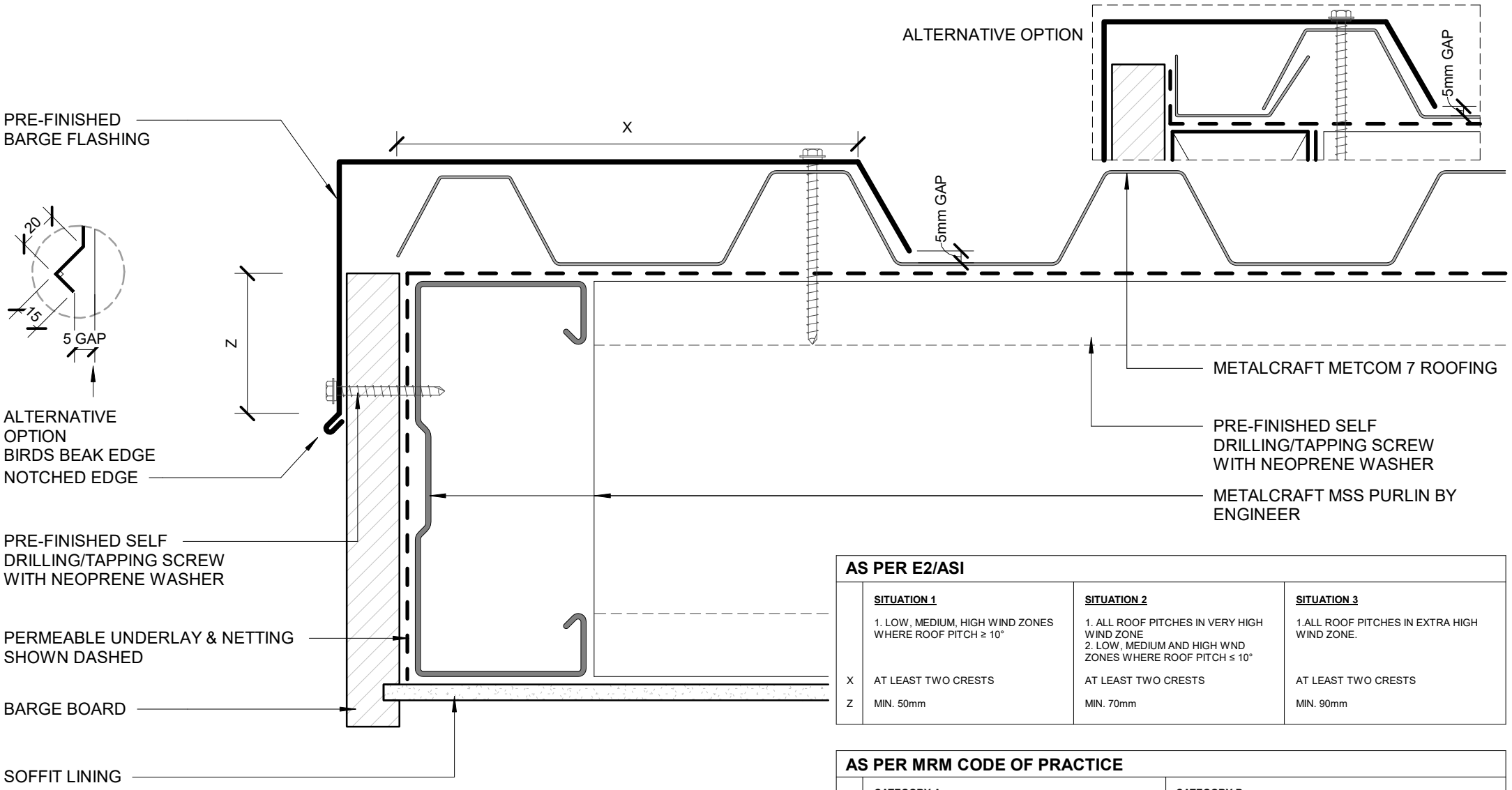
Reference CRMC7 | Date JAN 2023 | Scale 1 : 2 | Sheet D 07 / 17



AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WND ZONES WHERE ROOF PITCH ≤ 10°	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
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
X	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)

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BARGE OVERHANG

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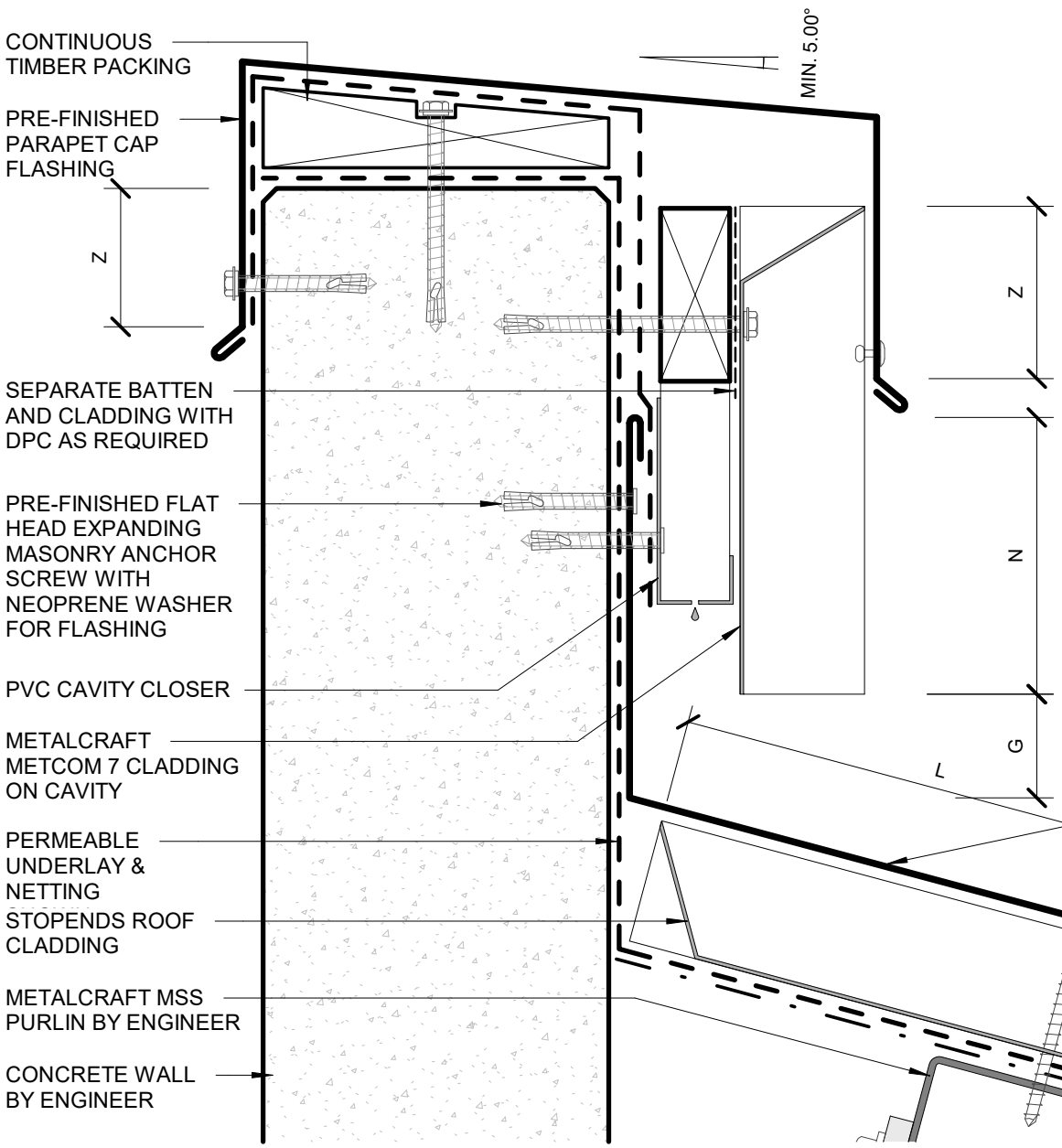

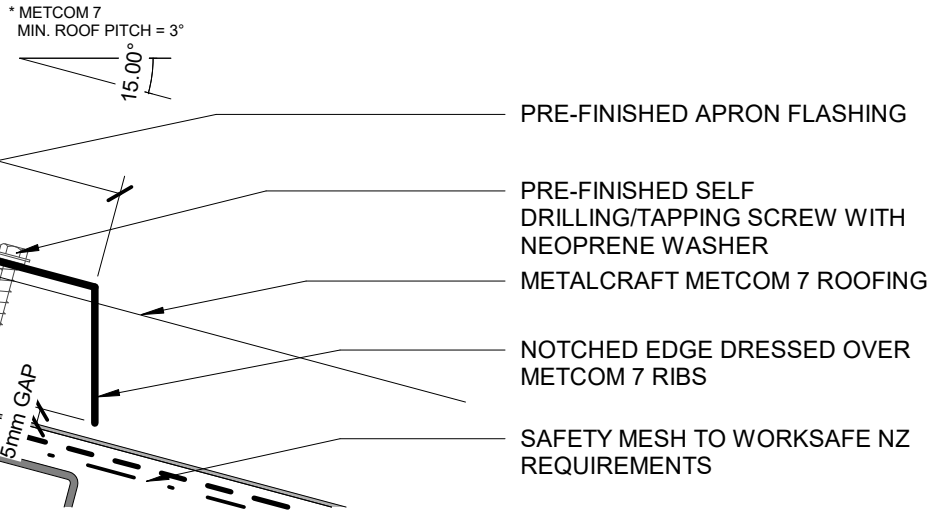

AS PER E2/ASI

	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

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)

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PARAPET WITH TRANSVERSE APRON

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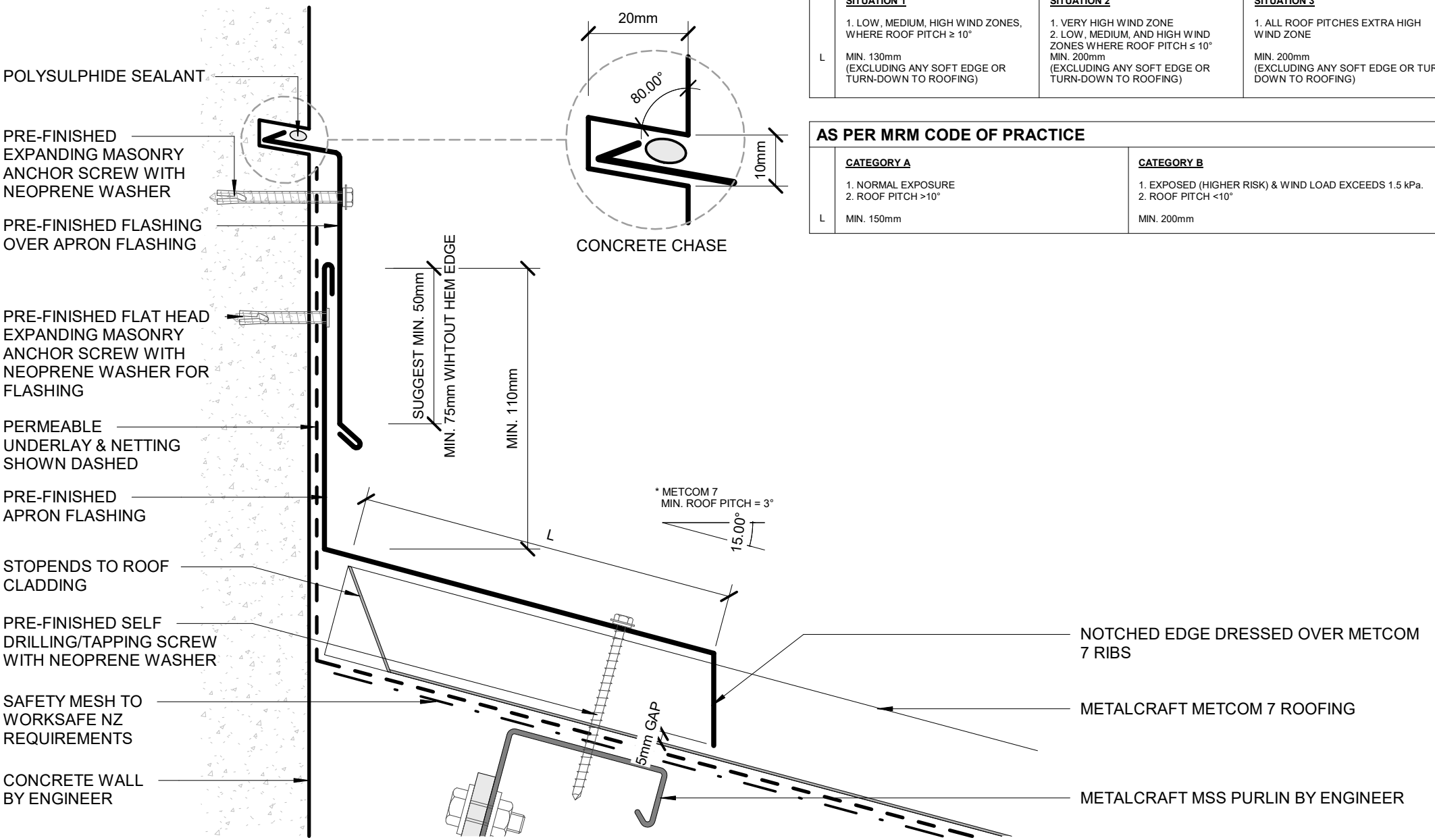
Reference CRMC7 | Date JAN 2023 | Scale 1 : 2 | Sheet D 09 / 17

AS PER E2/ASI			
	SITUATION 1	**SITUATION 2**	**SITUATION 3**
L	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10° 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 ≤ 10° 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**
L	1. NORMAL EXPOSURE 2. ROOF PITCH >10° MIN. 150mm	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10° MIN. 200mm



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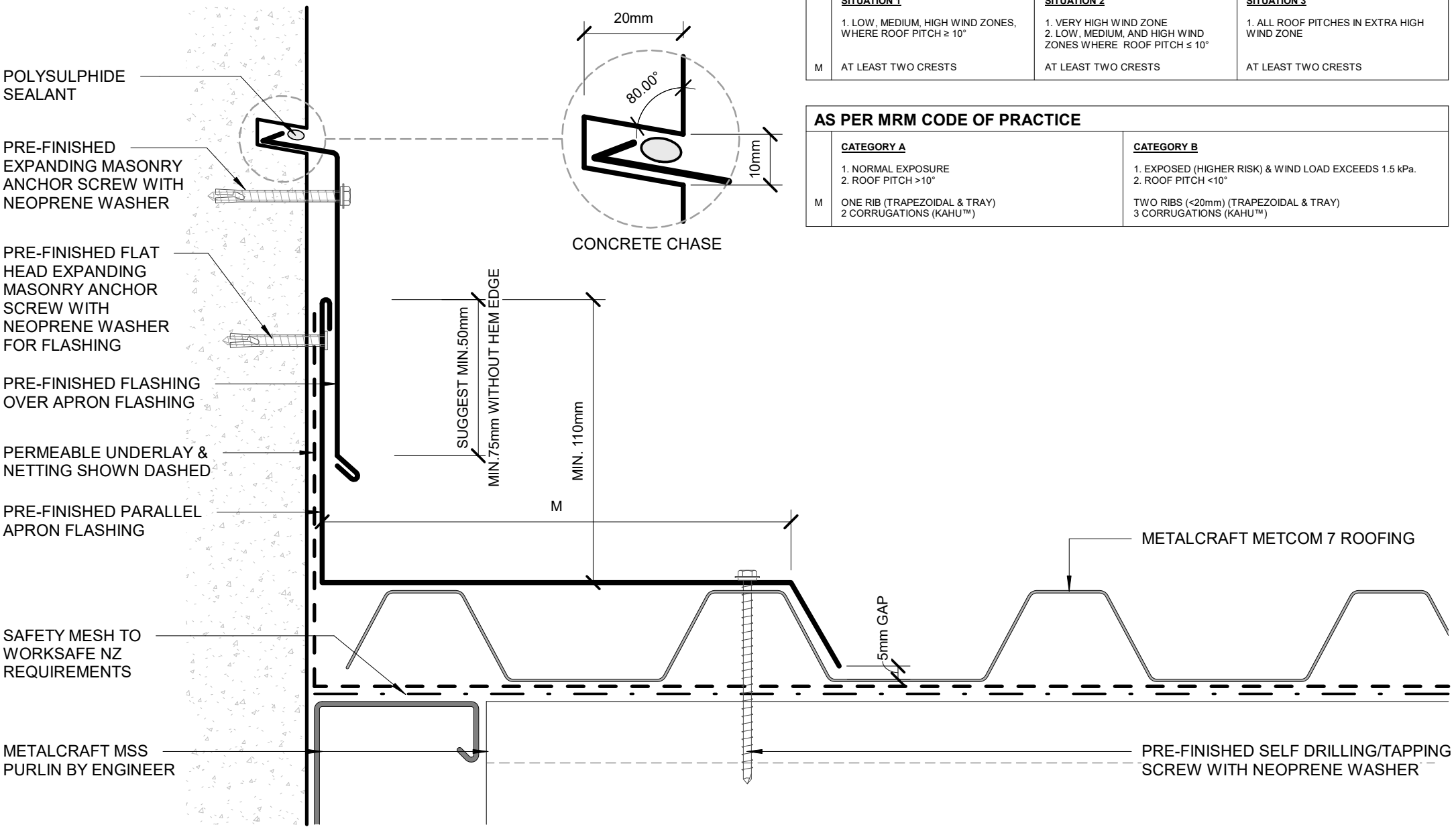
TRANSVERSE APRON

Metcom 7 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMC7 Date JAN 2023 Scale 1 : 2 Sheet **D 10 / 17**



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

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 (KAHU™)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (KAHU™)

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PARALLEL APRON

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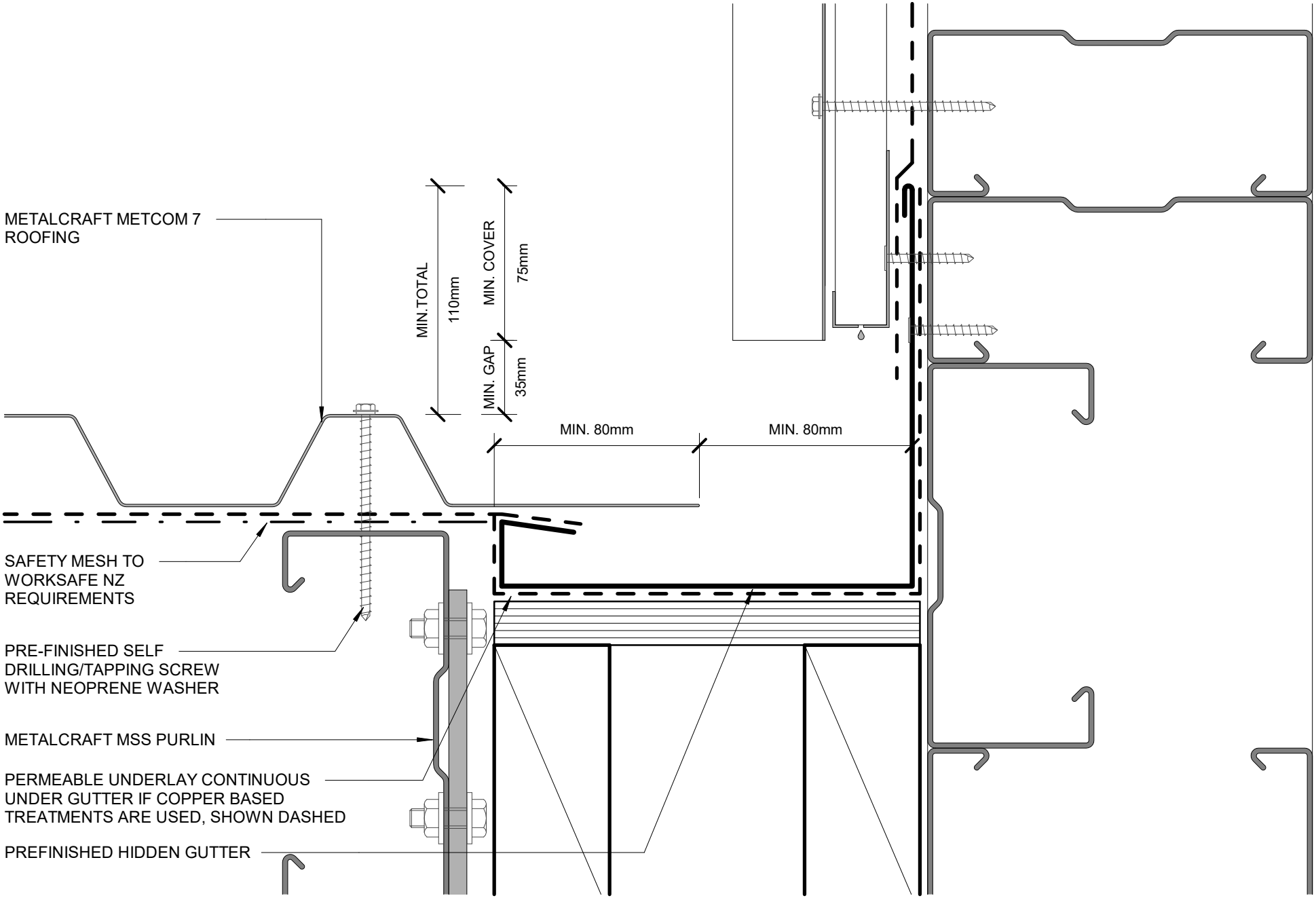

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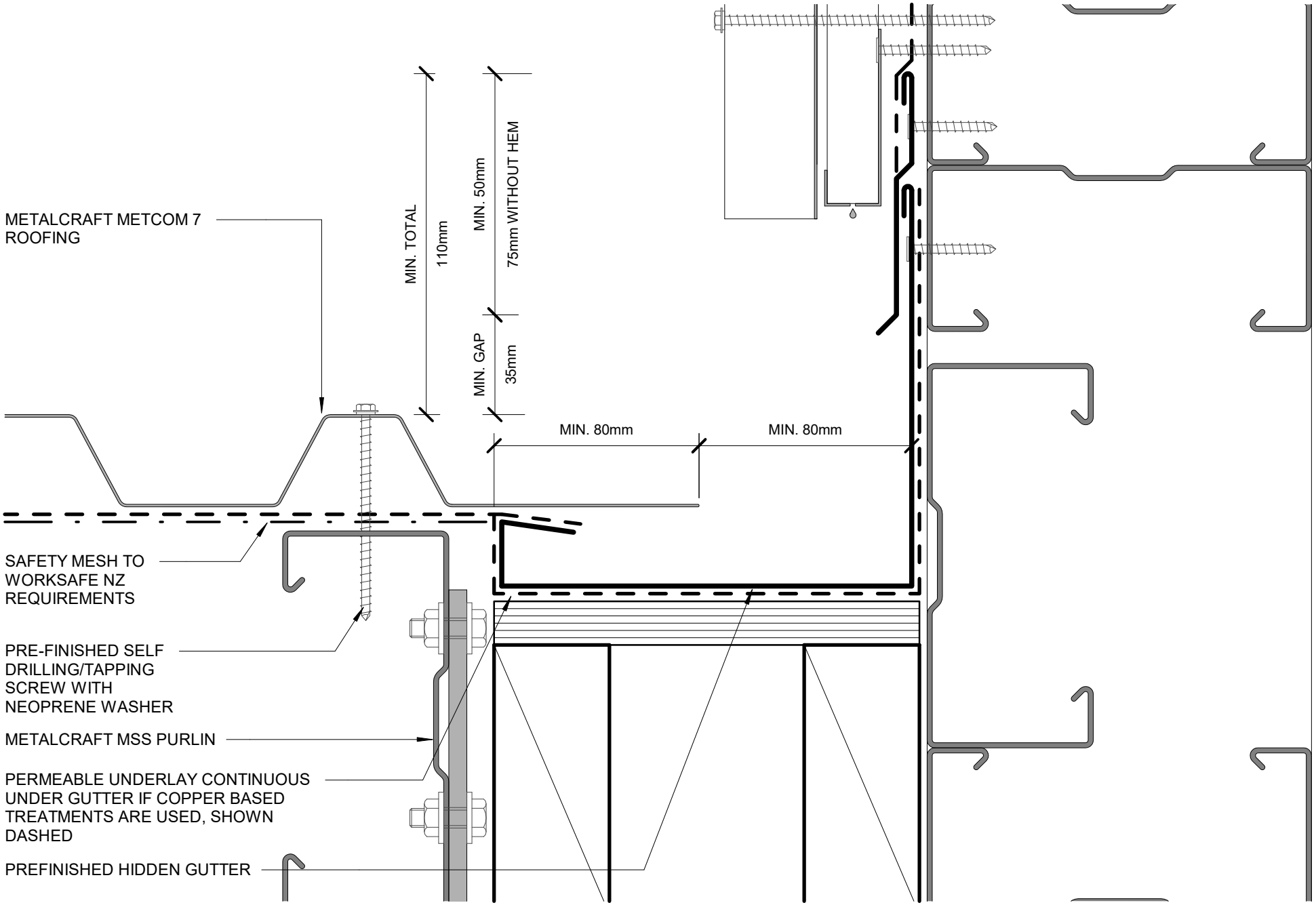
PARALLEL HIDDEN GUTTER

Metcom 7 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMC7 Date JAN 2023 Scale 1 : 2 Sheet **D 12 / 17**



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PARALLEL HIDDEN GUTTER (2 PART FLASHING)

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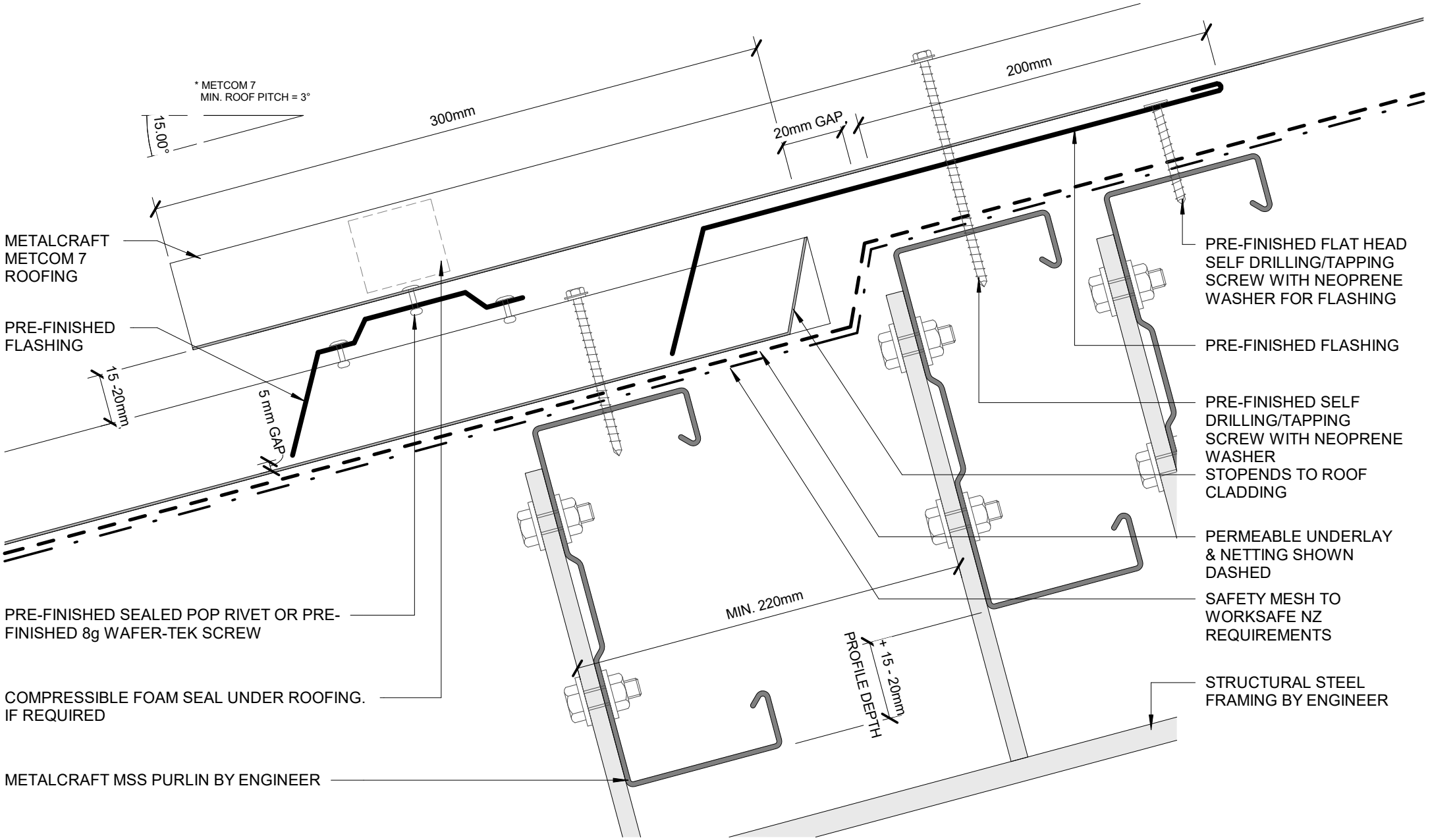
Reference CRMC7 | Date JAN 2023 | Scale 1 : 2 | Sheet D 13 / 17



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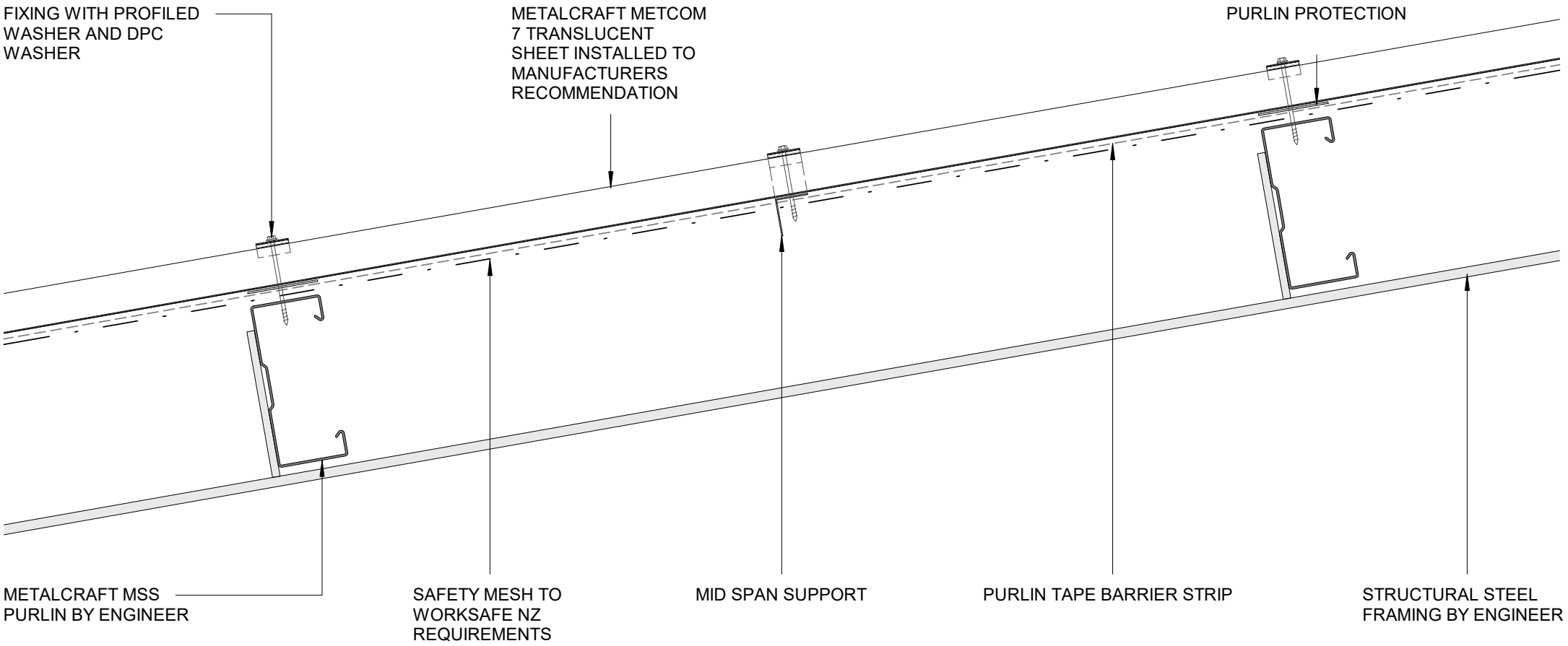
ROOF STEP

Metcom 7 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMC7 Date JAN 2023 Scale 1 : 2 Sheet **D 14 / 17**



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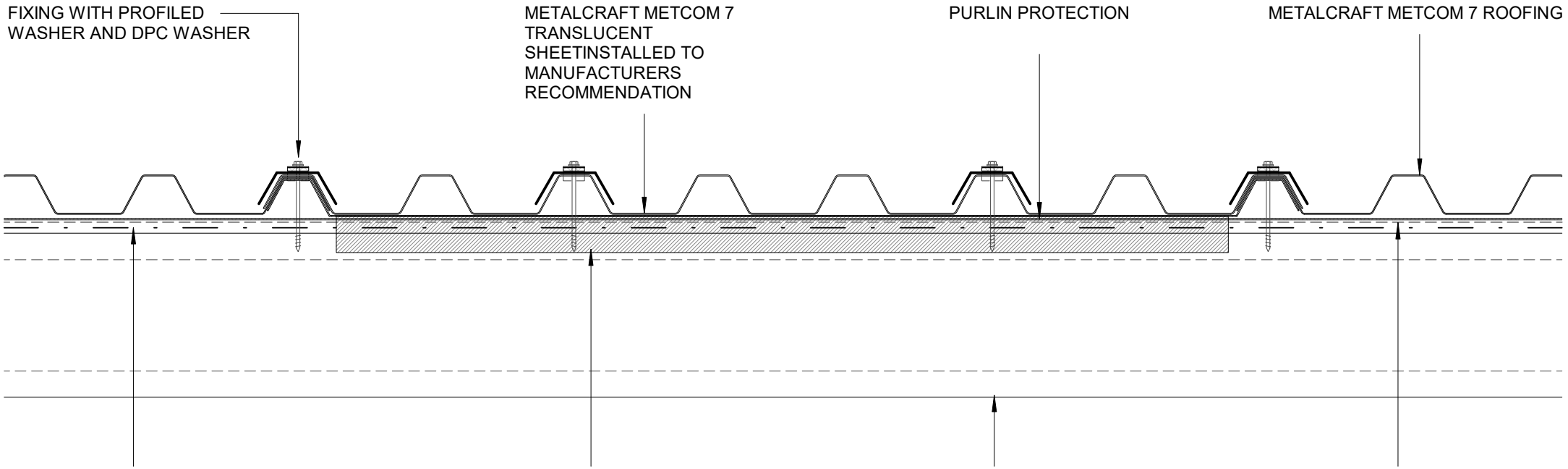
TRANSLUCENT SHEETS - LONG SECTION

Metcom 7 | Rev. 1.0 | COMMERCIAL ROOFING

Reference CRMC7 | Date JAN 2023 | Scale 1 : 5 | Sheet D 15 / 17



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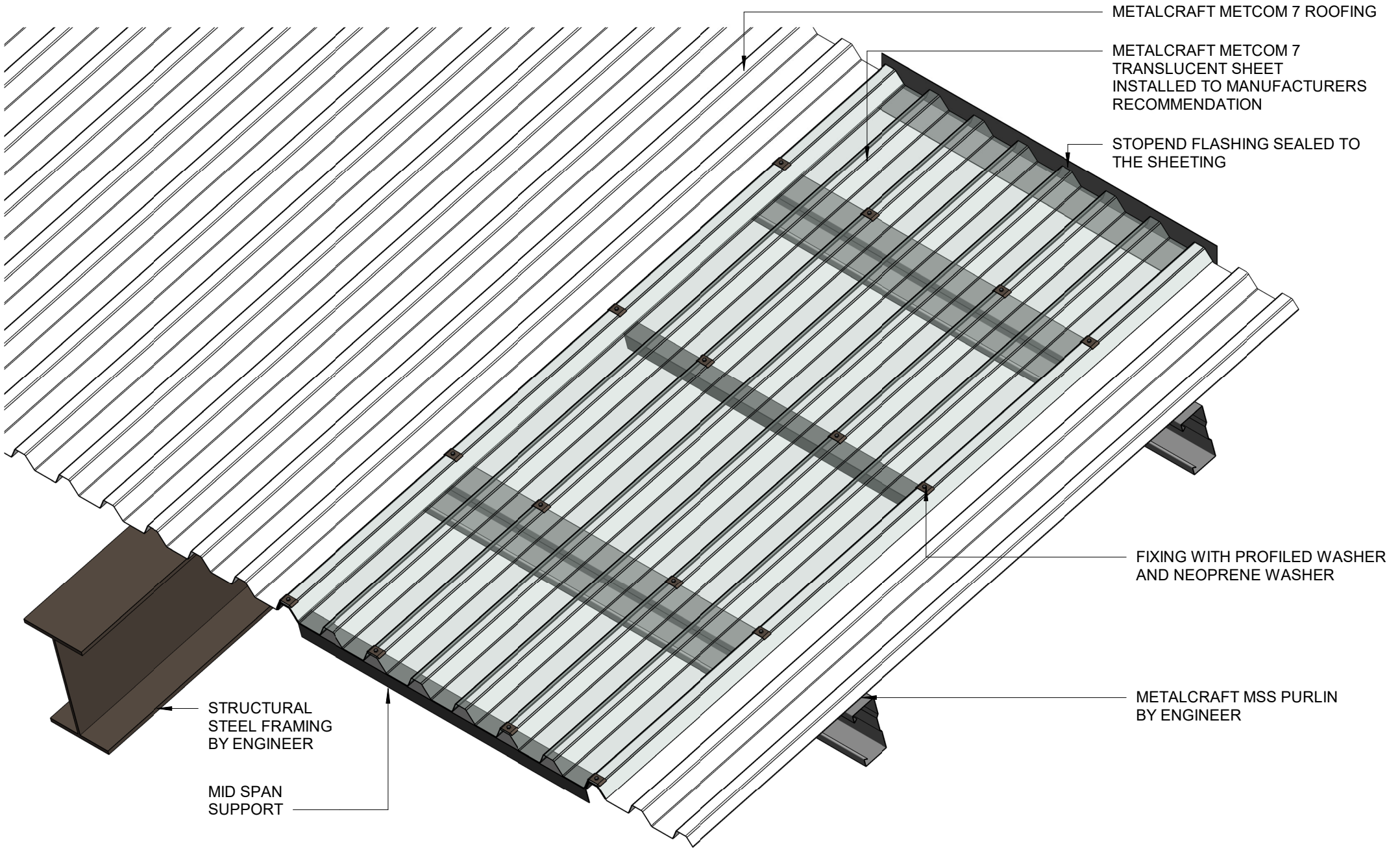
TRANSLUCENT SHEETS - CROSS

Metcom 7 | Rev. 1.0 | COMMERCIAL ROOFING

Reference CRMC7 | Date JAN 2023 | Scale 1 : 5 | Sheet D 16 / 17



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3D TRANSLUCENT SHEETS

Metcom 7 Rev. 1.0 **COMMERCIAL ROOFING**

Reference CRMC7 Date JAN 2023 Scale