Metdek 400

RESIDENTIAL ROOFING

DETAIL LIST

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Ph: 09 274 0408
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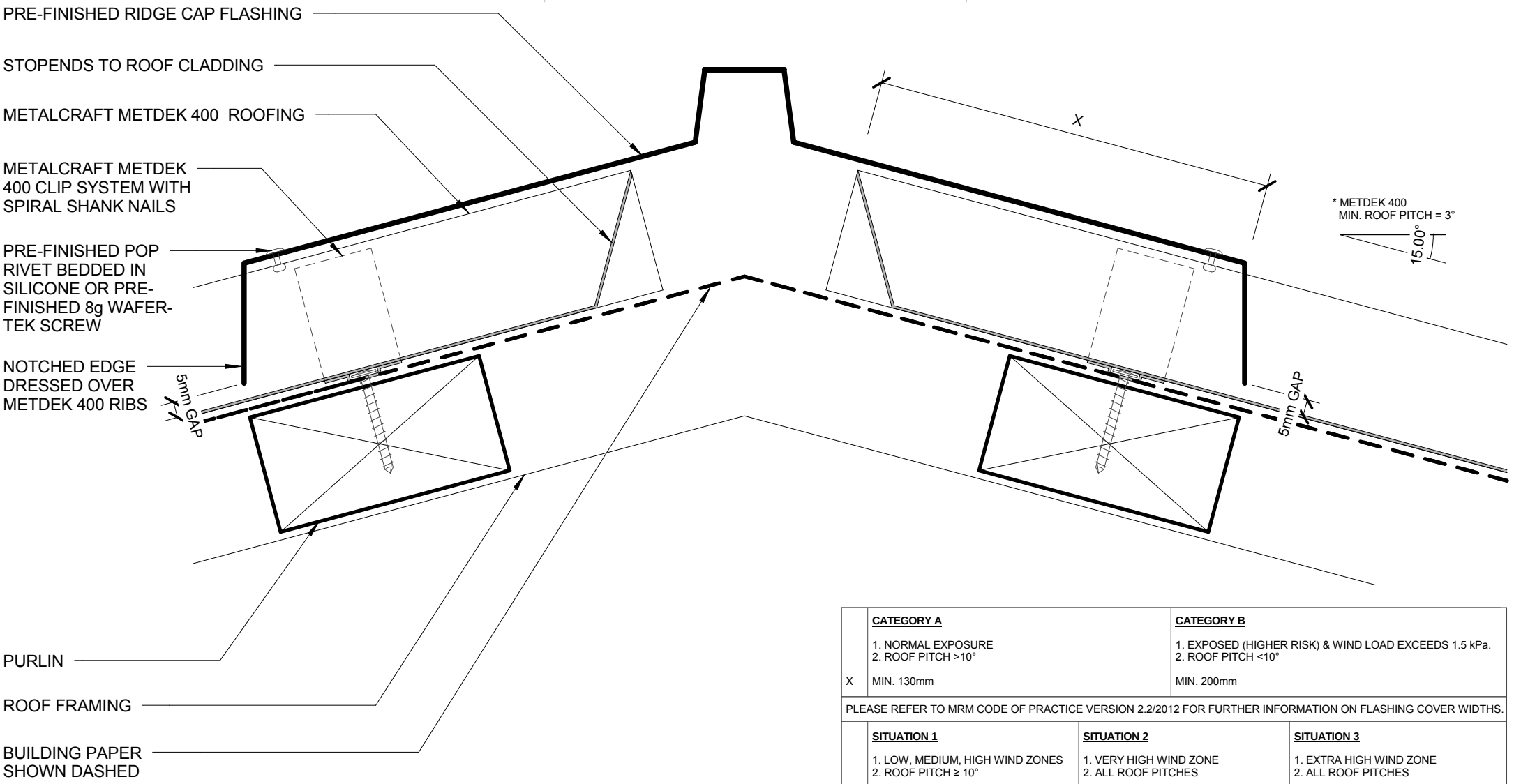
Metalcraft Roofing



	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

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

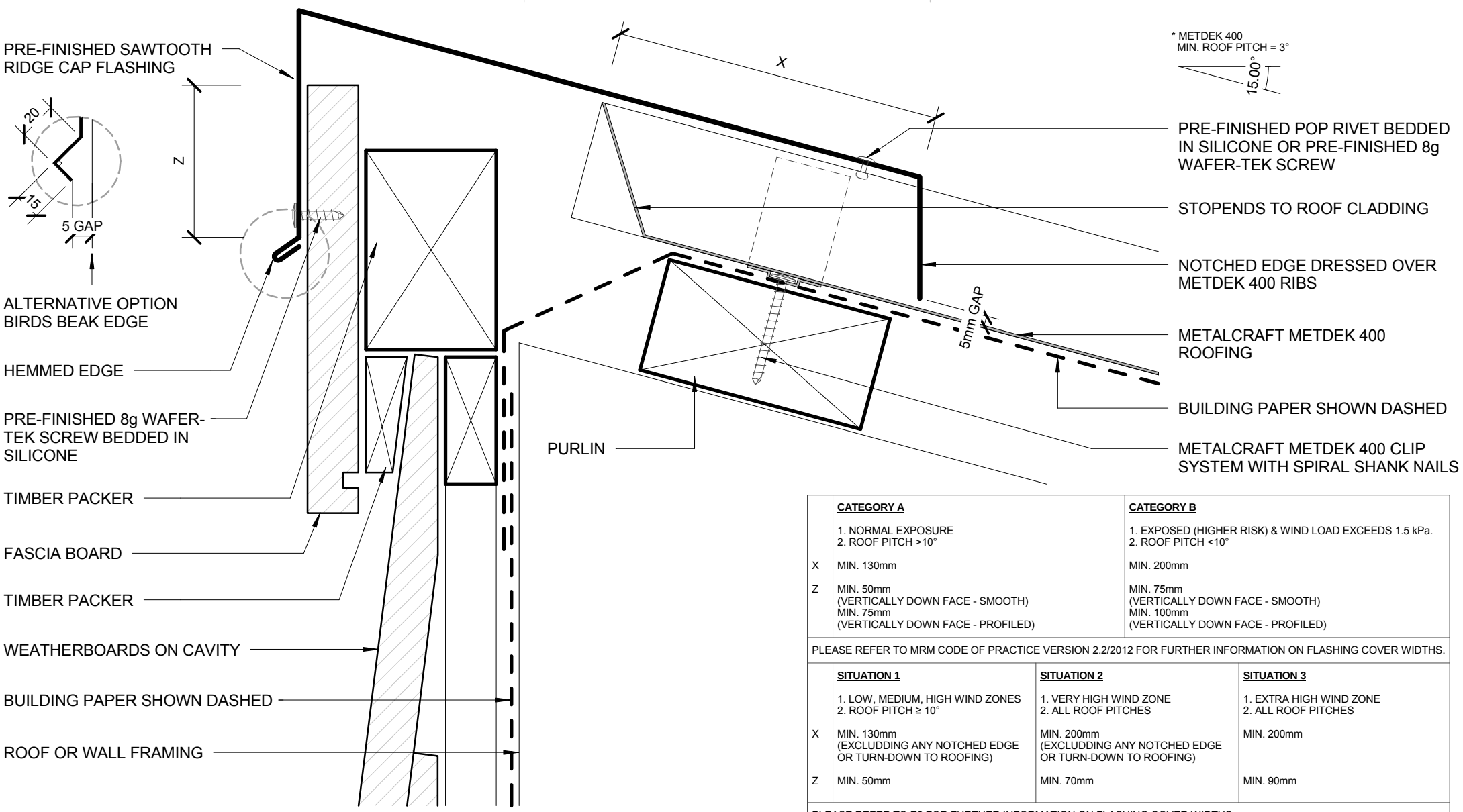
Metalcraft Roofing

ROOF RIDGE

Metdek 400

RESIDENTIAL ROOFING

Reference RRMD400 Date 2014 Scale 1 : 2 Sheet **01 / 24**



	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)

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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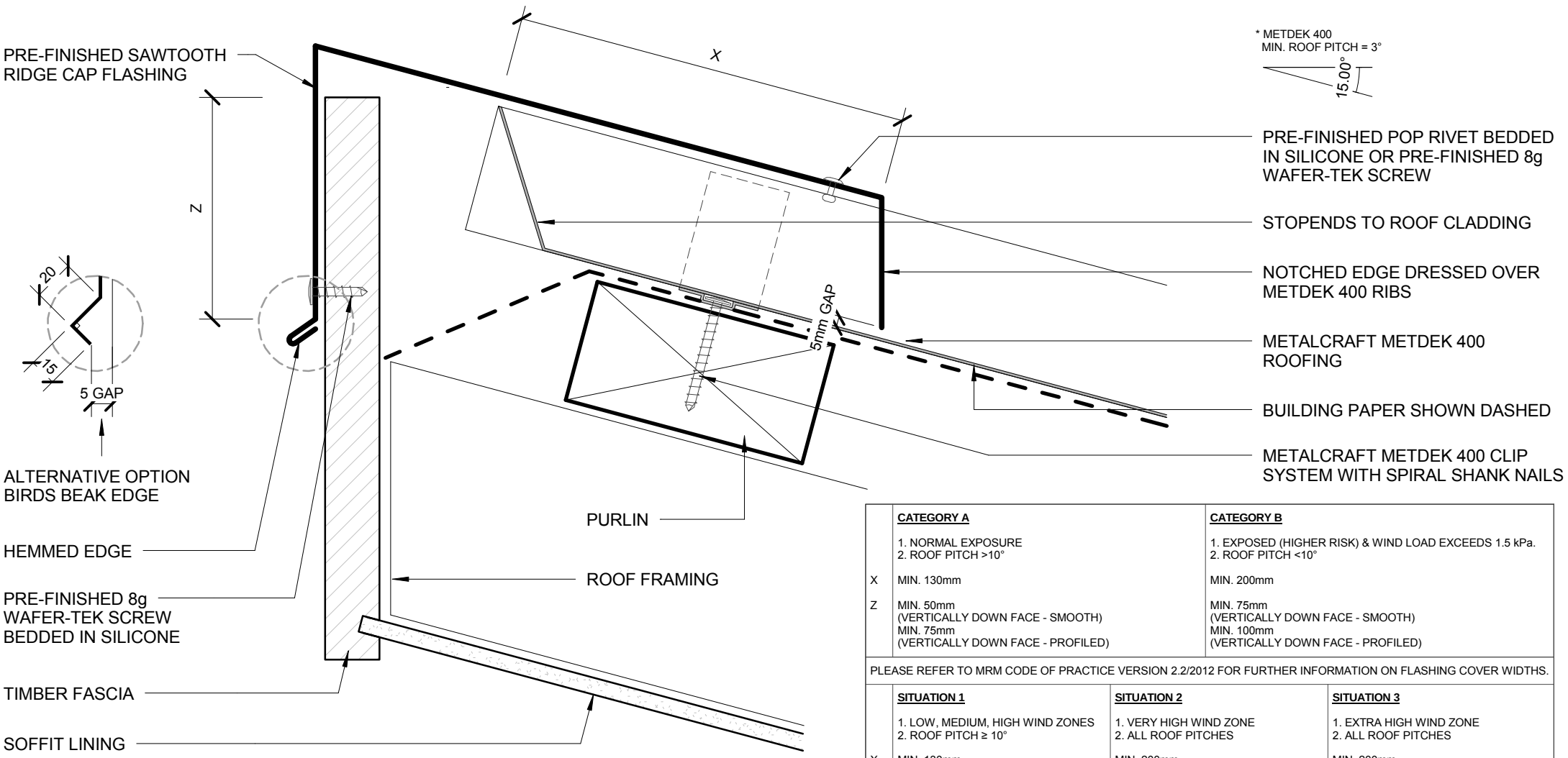
Metalcraft Roofing

SAWTOOTH RIDGE

Metdek 400 — **RESIDENTIAL ROOFING**

Reference RRMD400 Date 2014 Scale 1 : 2



	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)

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

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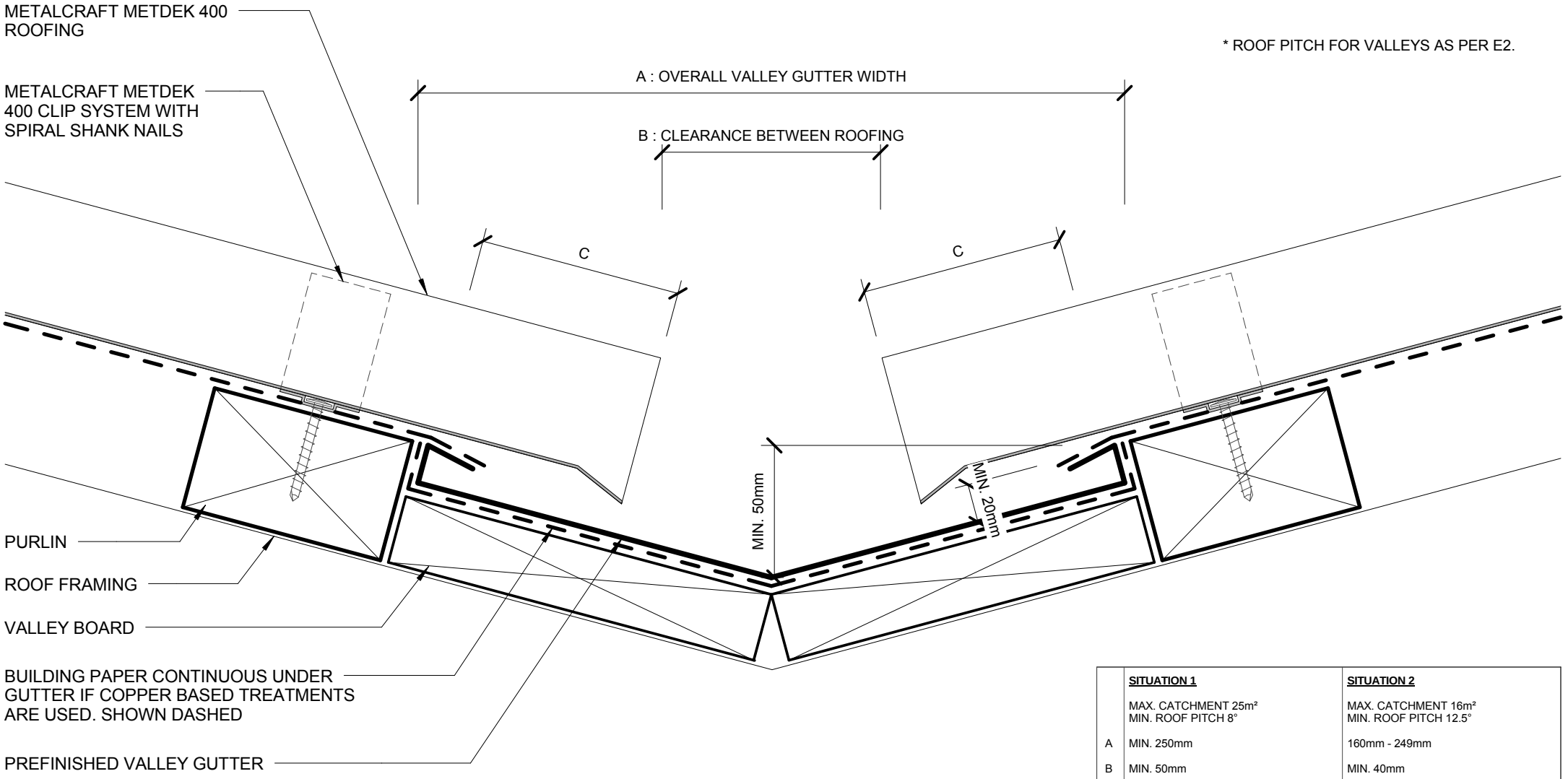
Metalcraft Roofing

SAWTOOTH EAVE

Metdek 400 — **RESIDENTIAL ROOFING**

Reference RRMD400 Date 2014 Scale 1 : 2 Sheet **03 / 24**



* ROOF PITCH FOR VALLEYS AS PER E2.

	SITUATION 1	SITUATION 2
	MAX. CATCHMENT 25m² MIN. ROOF PITCH 8°	MAX. CATCHMENT 16m² MIN. ROOF PITCH 12.5°
A	MIN. 250mm	160mm - 249mm
B	MIN. 50mm	MIN. 40mm
C	MIN. 80mm	MIN. 60mm

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AND E2 FOR FURTHER INFORMATION.

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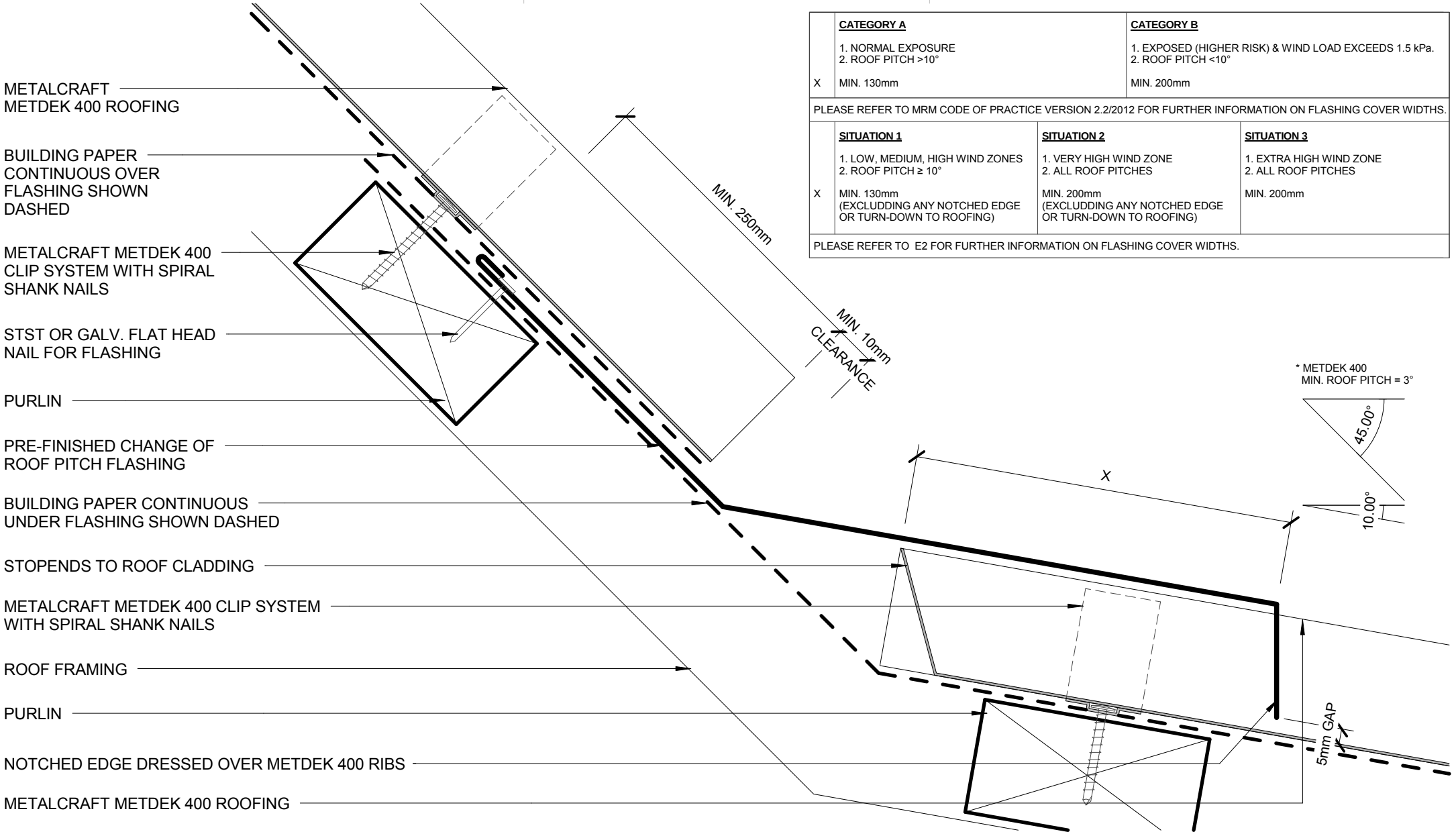
Metalcraft Roofing

ROOF VALLEY

Metdek 400 — **RESIDENTIAL ROOFING**



	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

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

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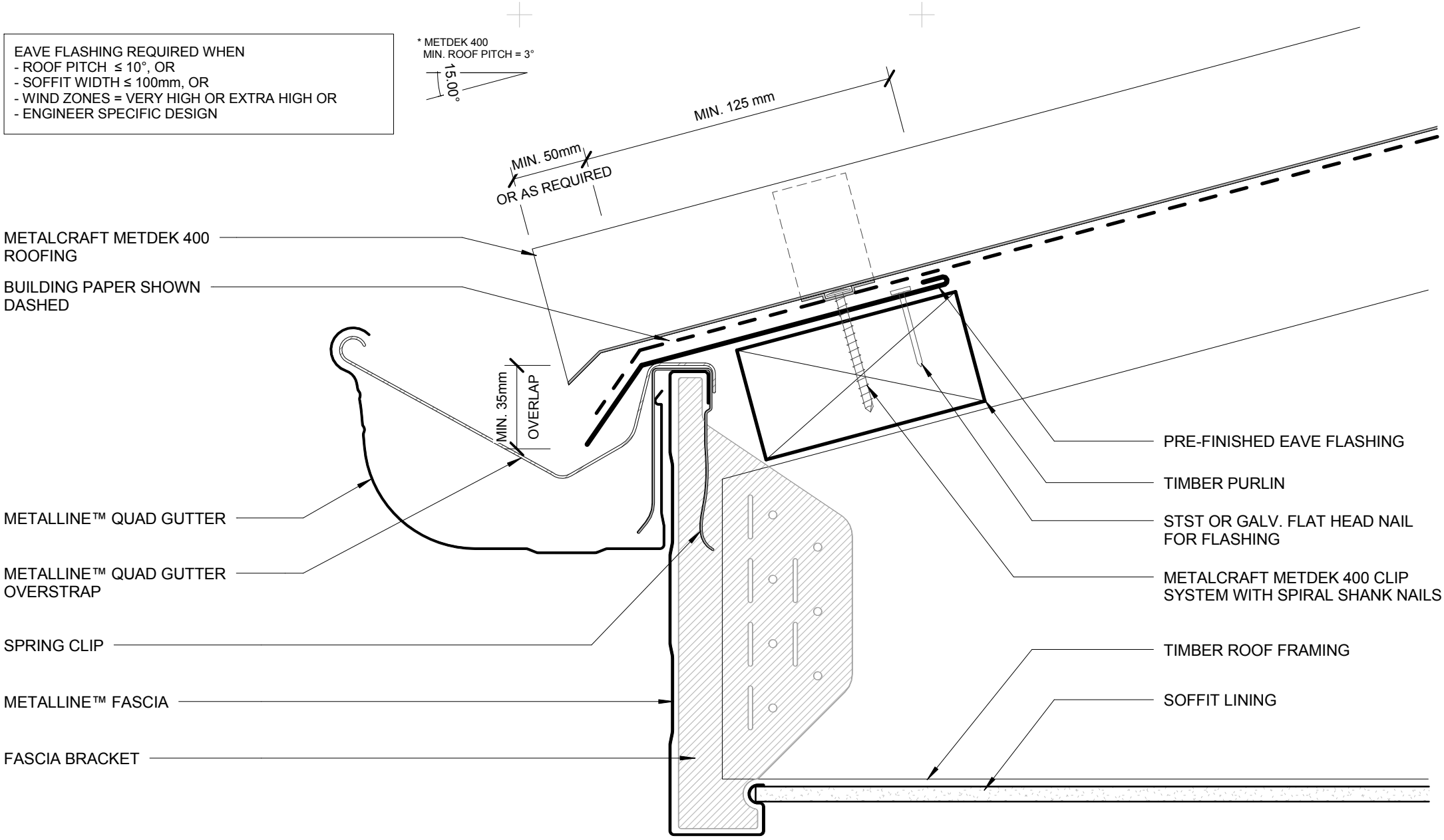
Metalcraft Roofing

ROOF - CHANGE PITCH

Metdek 400 — **RESIDENTIAL ROOFING**

EAVE FLASHING REQUIRED WHEN
- ROOF PITCH ≤ 10°, OR
- SOFFIT WIDTH ≤ 100mm, OR
- WIND ZONES = VERY HIGH OR EXTRA HIGH OR
- ENGINEER SPECIFIC DESIGN



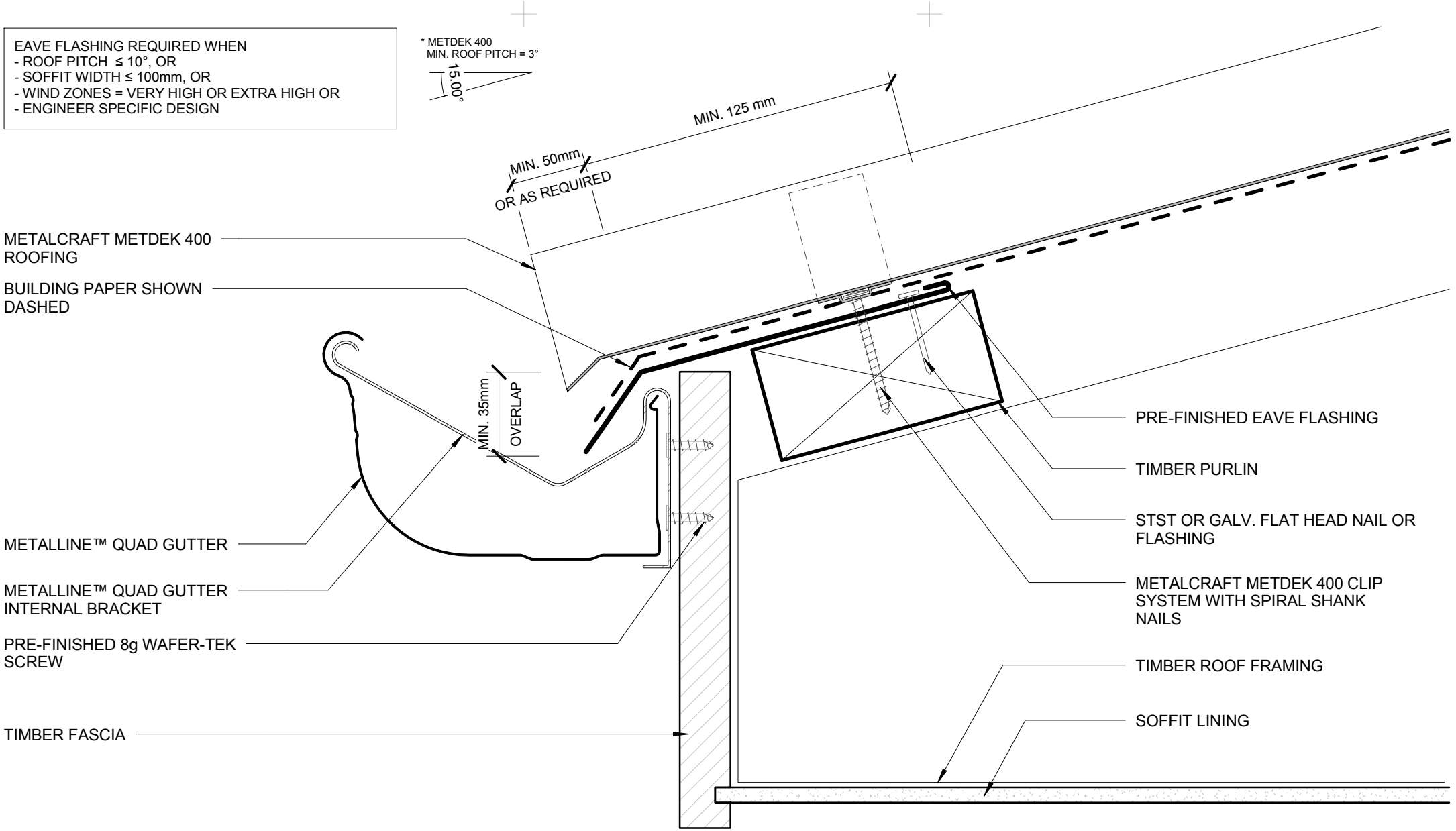
- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

Metalcraft Roofing

EAVE WITH METALLINE FASCIA

EAVE FLASHING REQUIRED WHEN
- ROOF PITCH ≤ 10°, OR
- SOFFIT WIDTH ≤ 100mm, OR
- WIND ZONES = VERY HIGH OR EXTRA HIGH OR
- ENGINEER SPECIFIC DESIGN



- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

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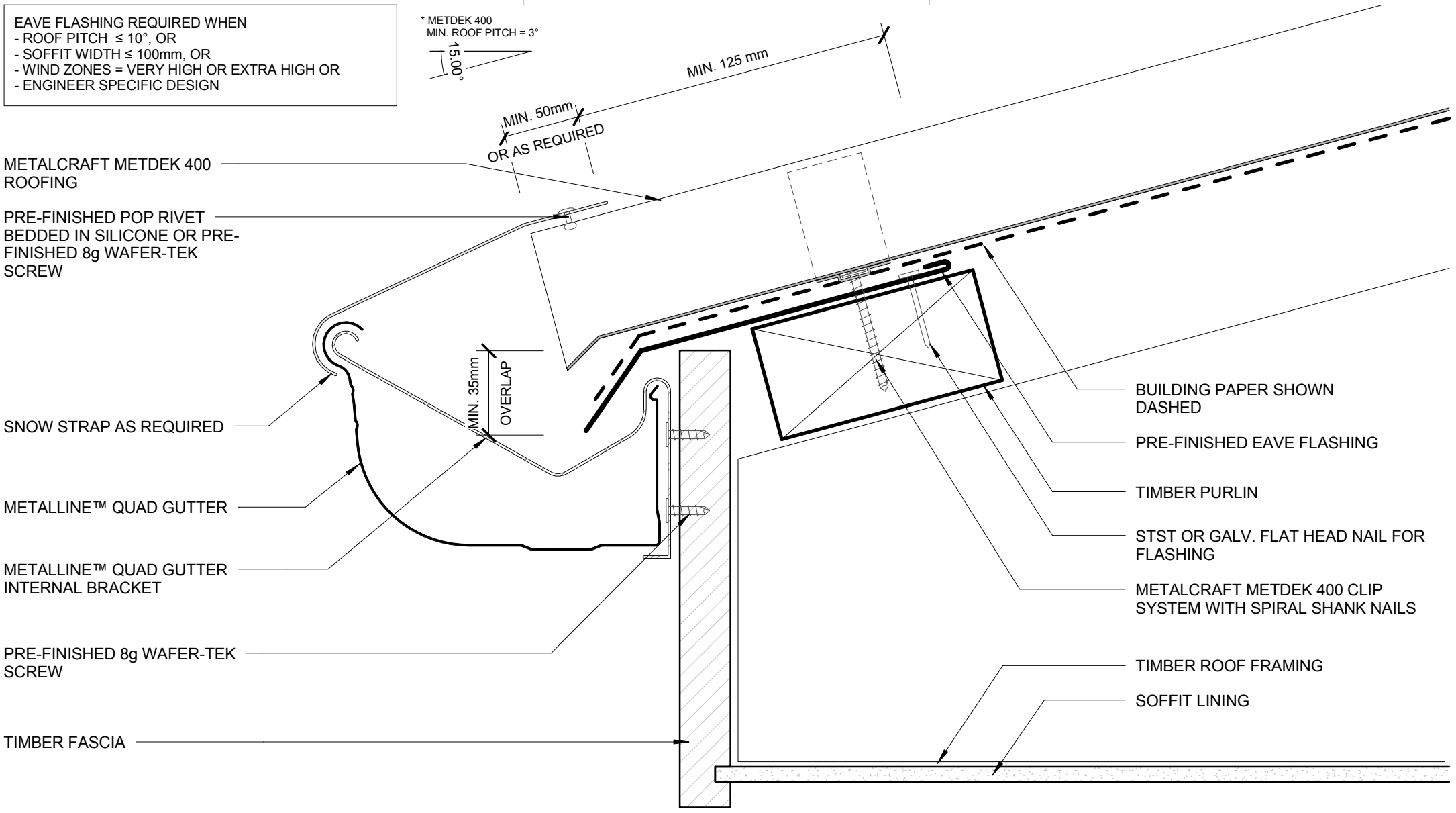
Metalcraft Roofing

EAVE WITH INTERNAL GUTTER BRACKET

EAVE FLASHING REQUIRED WHEN
- ROOF PITCH ≤ 10°, OR
- SOFFIT WIDTH ≤ 100mm, OR
- WIND ZONES = VERY HIGH OR EXTRA HIGH OR
- ENGINEER SPECIFIC DESIGN



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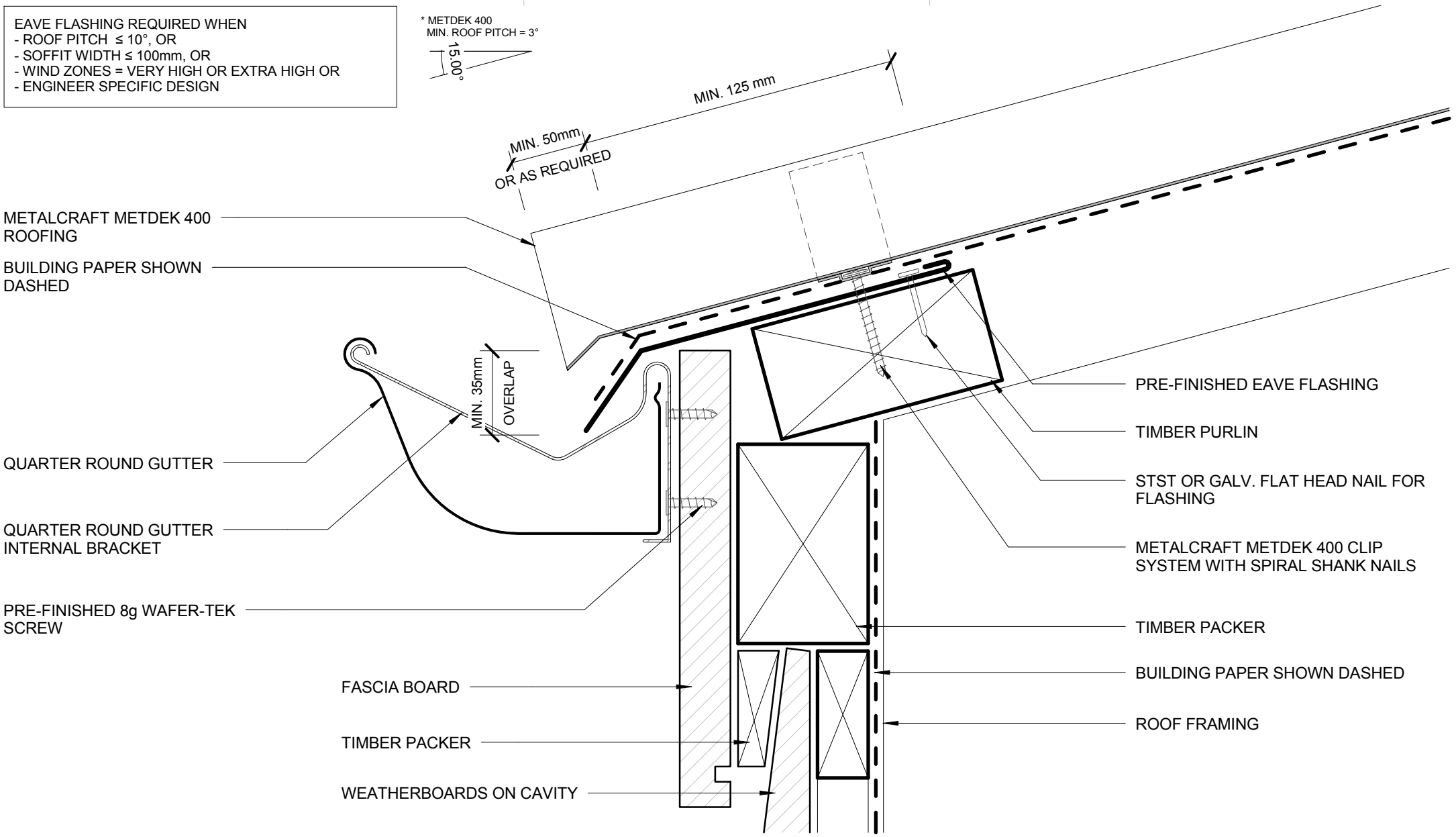
* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

Metalcraft Roofing

EAVE WITH SNOW STRAP

EAVE FLASHING REQUIRED WHEN
- ROOF PITCH ≤ 10°, OR
- SOFFIT WIDTH ≤ 100mm, OR
- WIND ZONES = VERY HIGH OR EXTRA HIGH OR
- ENGINEER SPECIFIC DESIGN



- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

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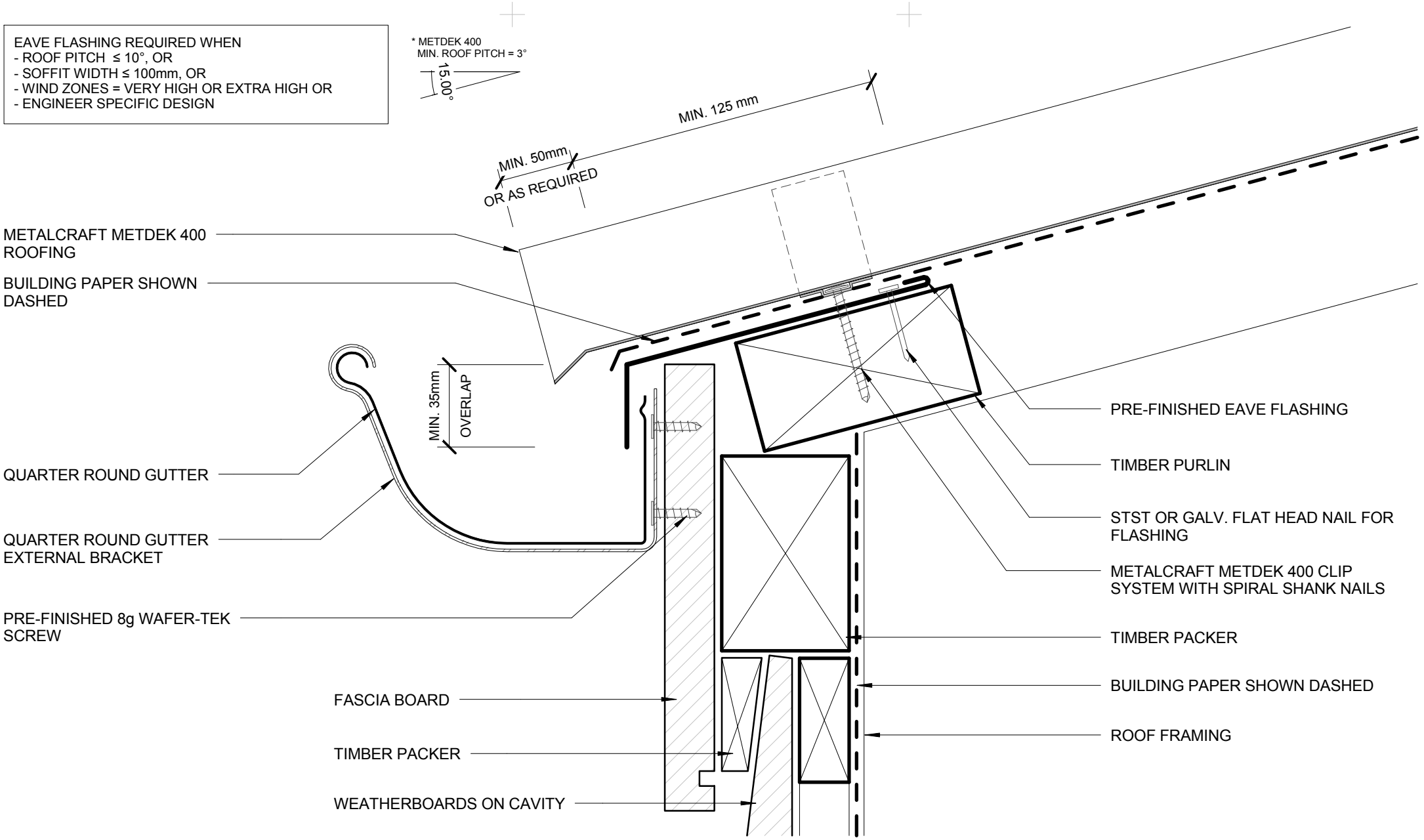
Metalcraft Roofing

FLUSH EAVE WITH INTERNAL GUTTER BRACKET

EAVE FLASHING REQUIRED WHEN
- ROOF PITCH ≤ 10°, OR
- SOFFIT WIDTH ≤ 100mm, OR
- WIND ZONES = VERY HIGH OR EXTRA HIGH OR
- ENGINEER SPECIFIC DESIGN



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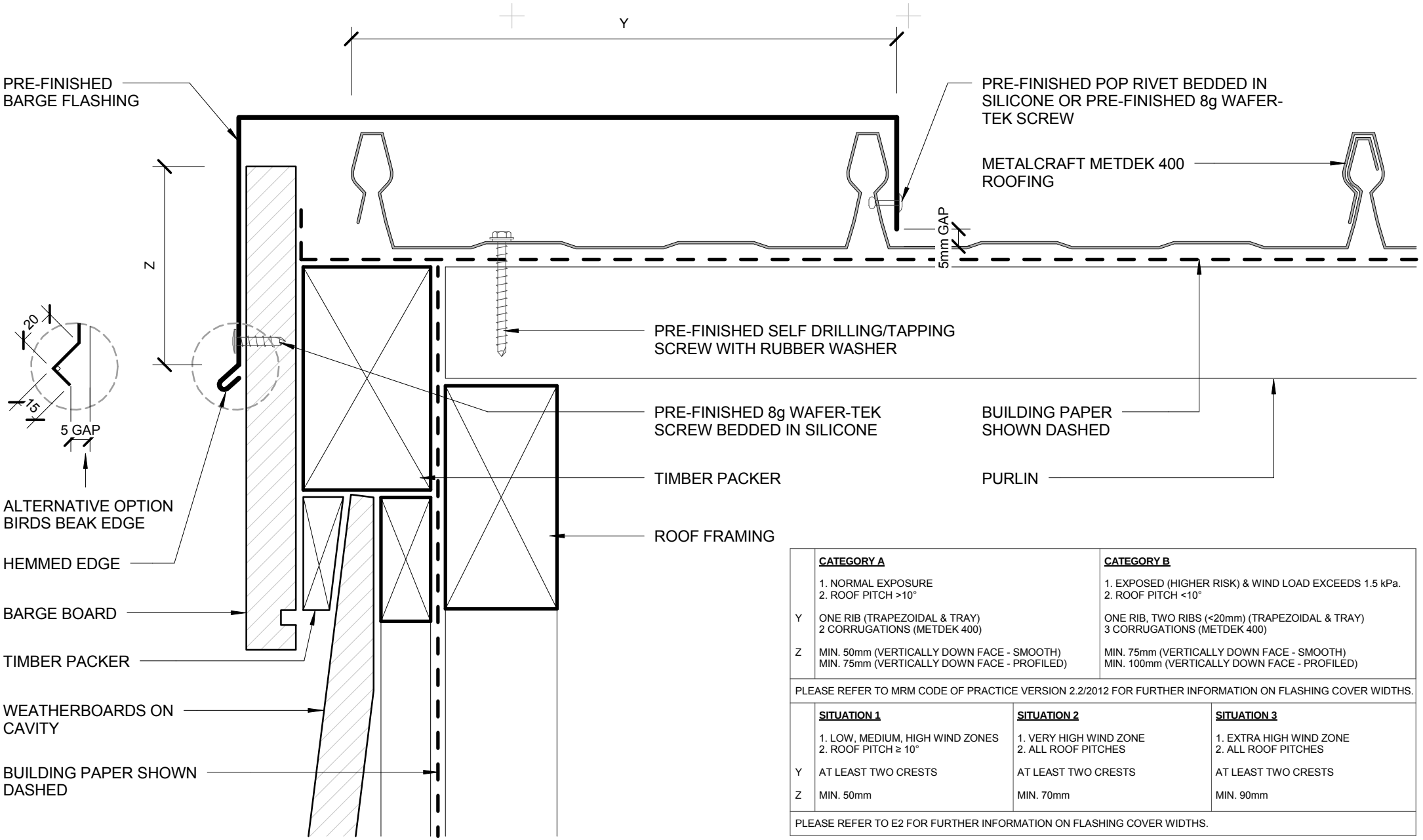
Metalcraft Roofing

FLUSH EAVE WITH EXTERNAL GUTTER BRACKET



	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 (METDEK 400)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (METDEK 400)
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)

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
Y	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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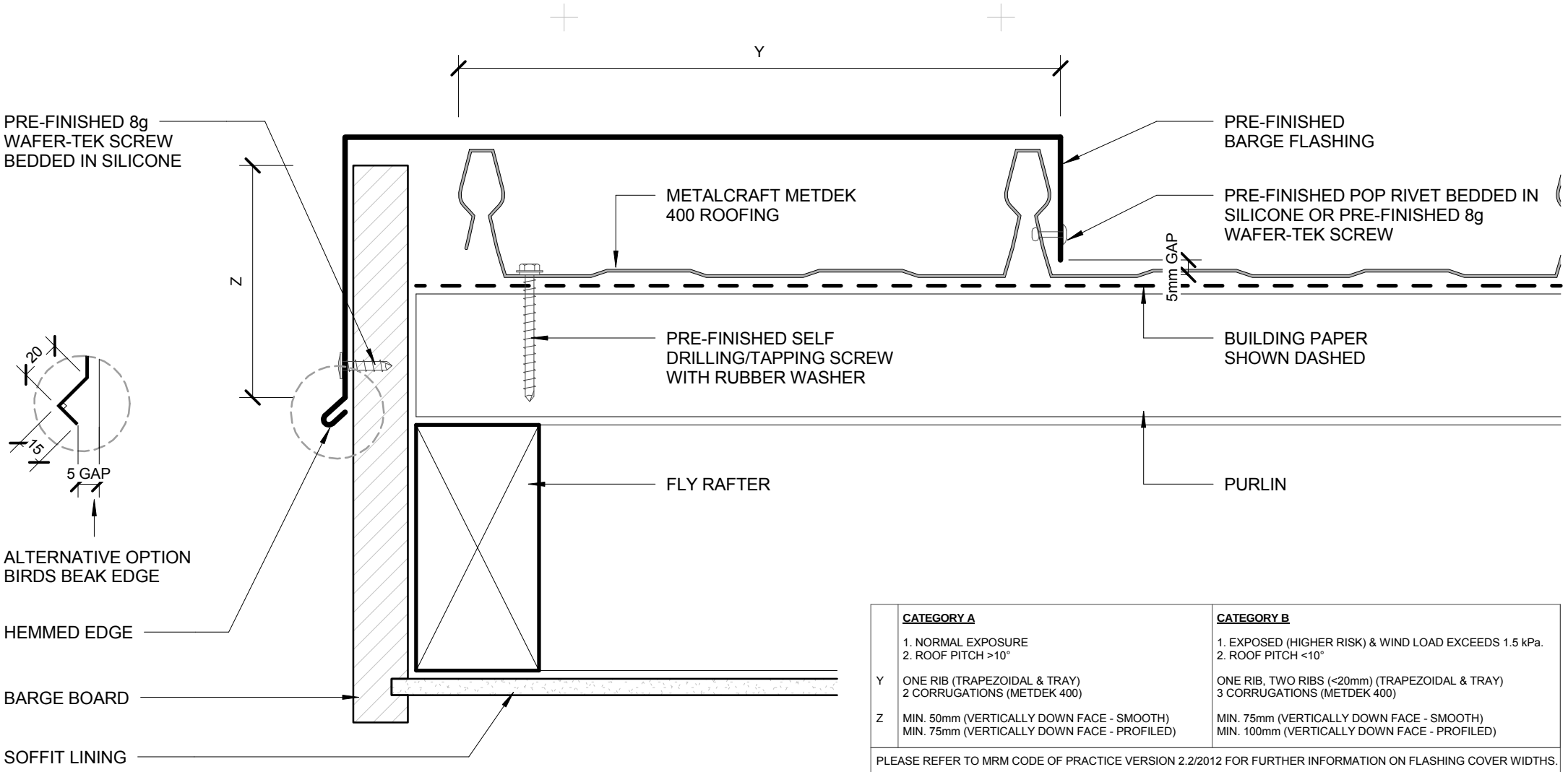
Metalcraft Roofing

BARGE WITH PROFILED CLADDING

Metdek 400 — **RESIDENTIAL ROOFING**



	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 (METDEK 400)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (METDEK 400)
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)

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
Y	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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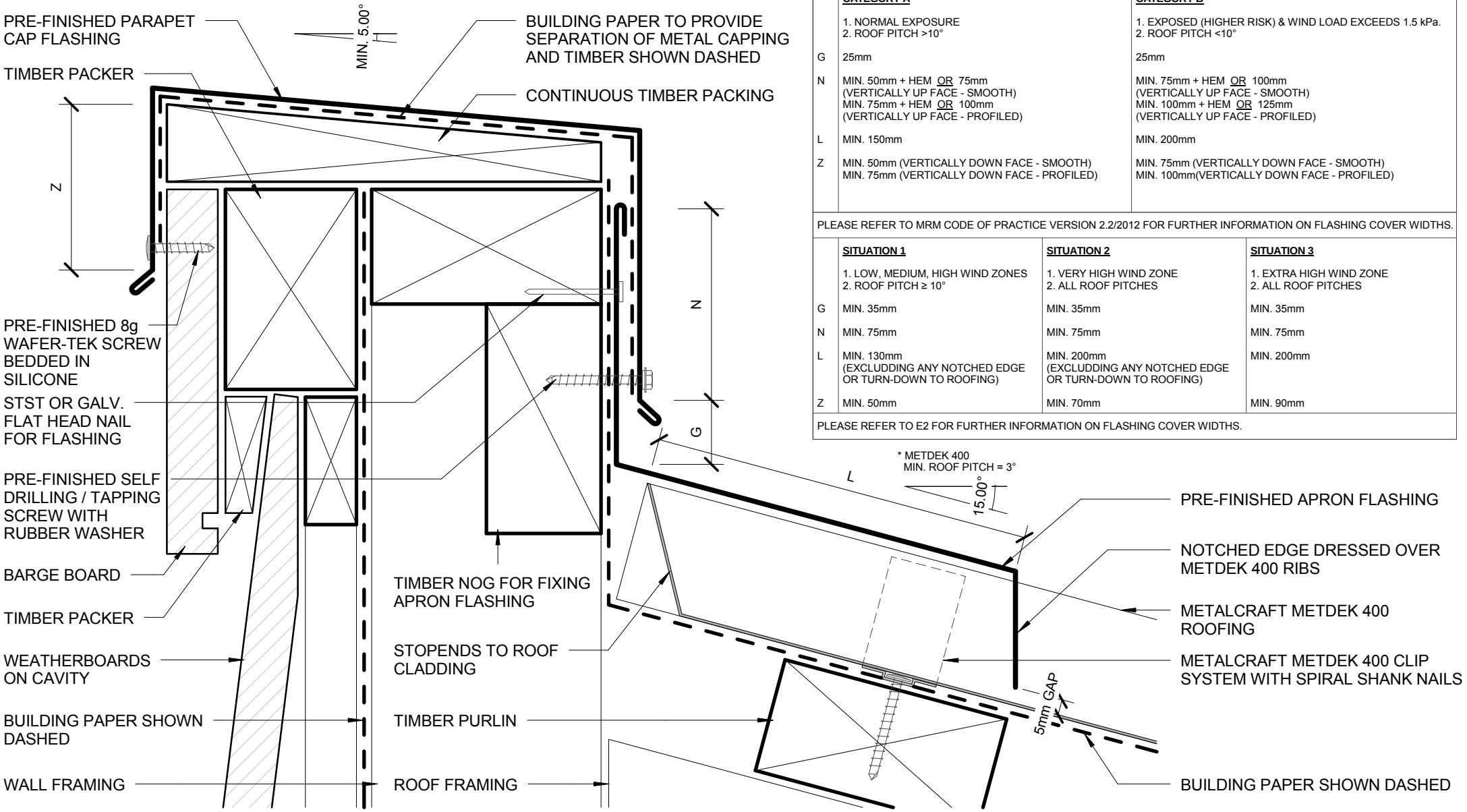
Metalcraft Roofing

BARGE OVERHANG



	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)

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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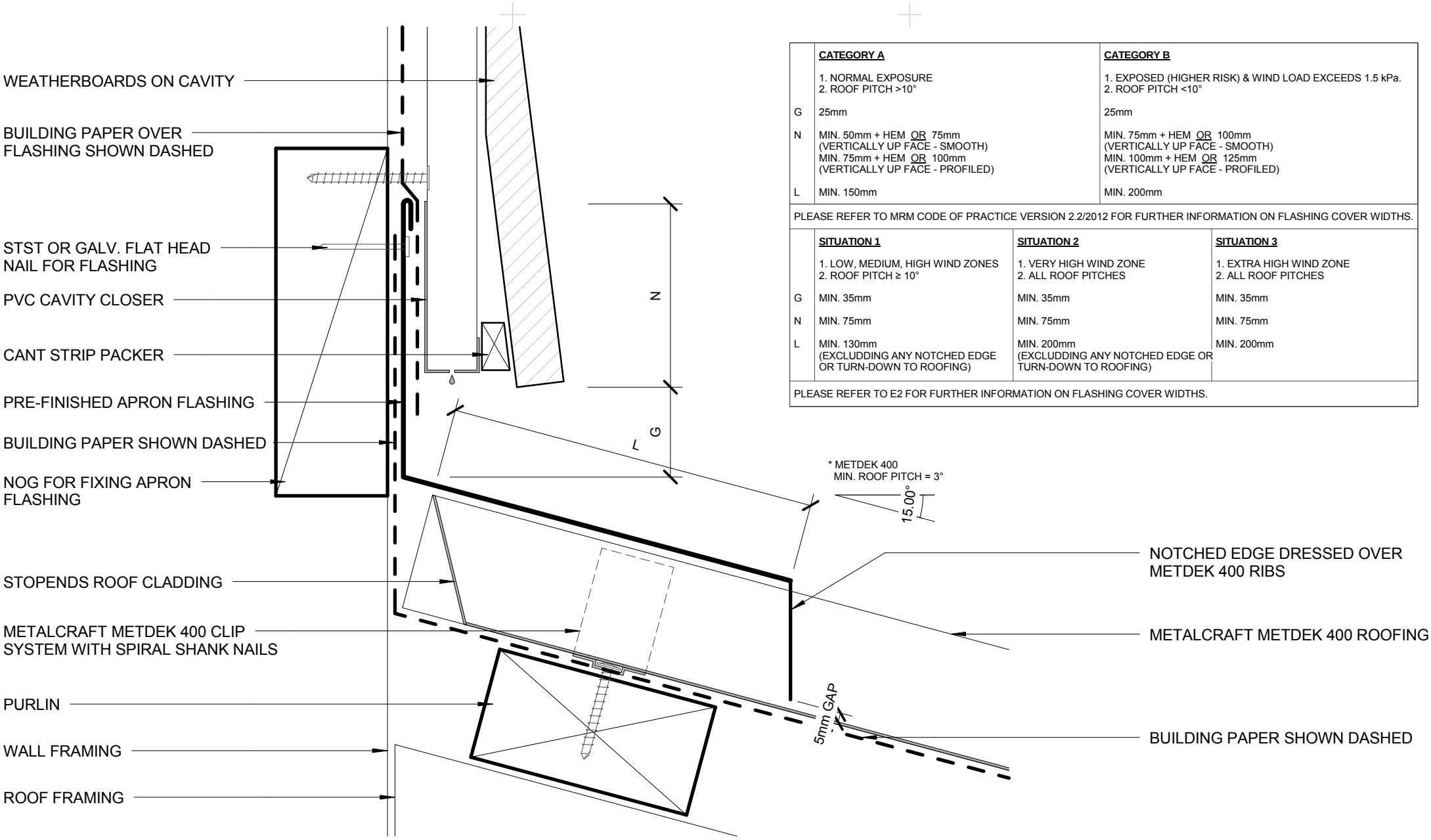
Metalcraft Roofing

PARAPET WITH TRANSVERSE APRON



	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

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
G	MIN. 35mm	MIN. 35mm	MIN. 35mm
N	MIN. 75mm	MIN. 75mm	MIN. 75mm
L	MIN. 130mm (EXCLUDDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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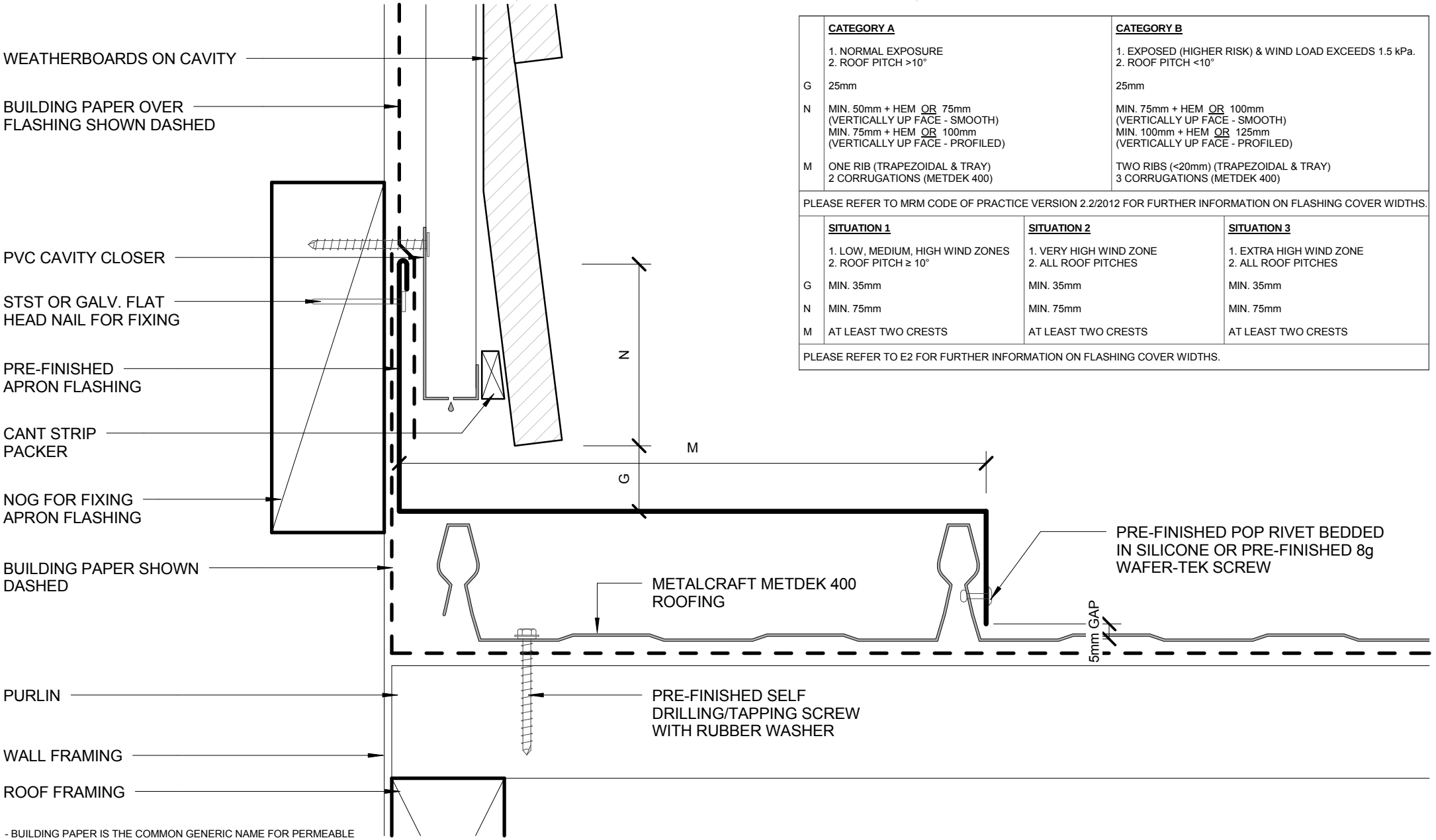
Metalcraft Roofing

TRANSVERSE APRON



	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)
M	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (METDEK 400)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (METDEK 400)

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
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

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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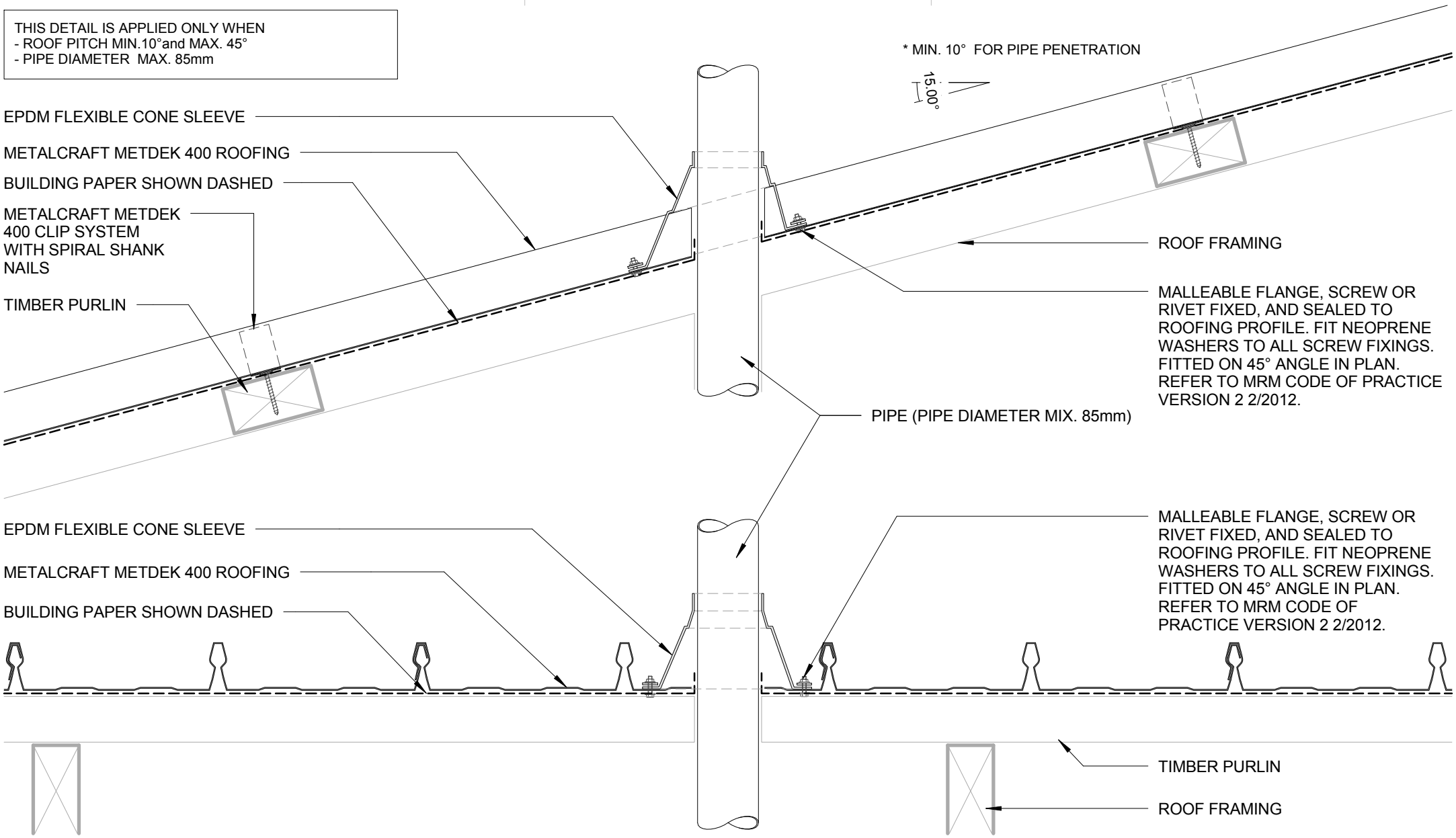
Metalcraft Roofing

PARALLEL APRON

THIS DETAIL IS APPLIED ONLY WHEN
- ROOF PITCH MIN.10°and MAX. 45°
- PIPE DIAMETER MAX. 85mm



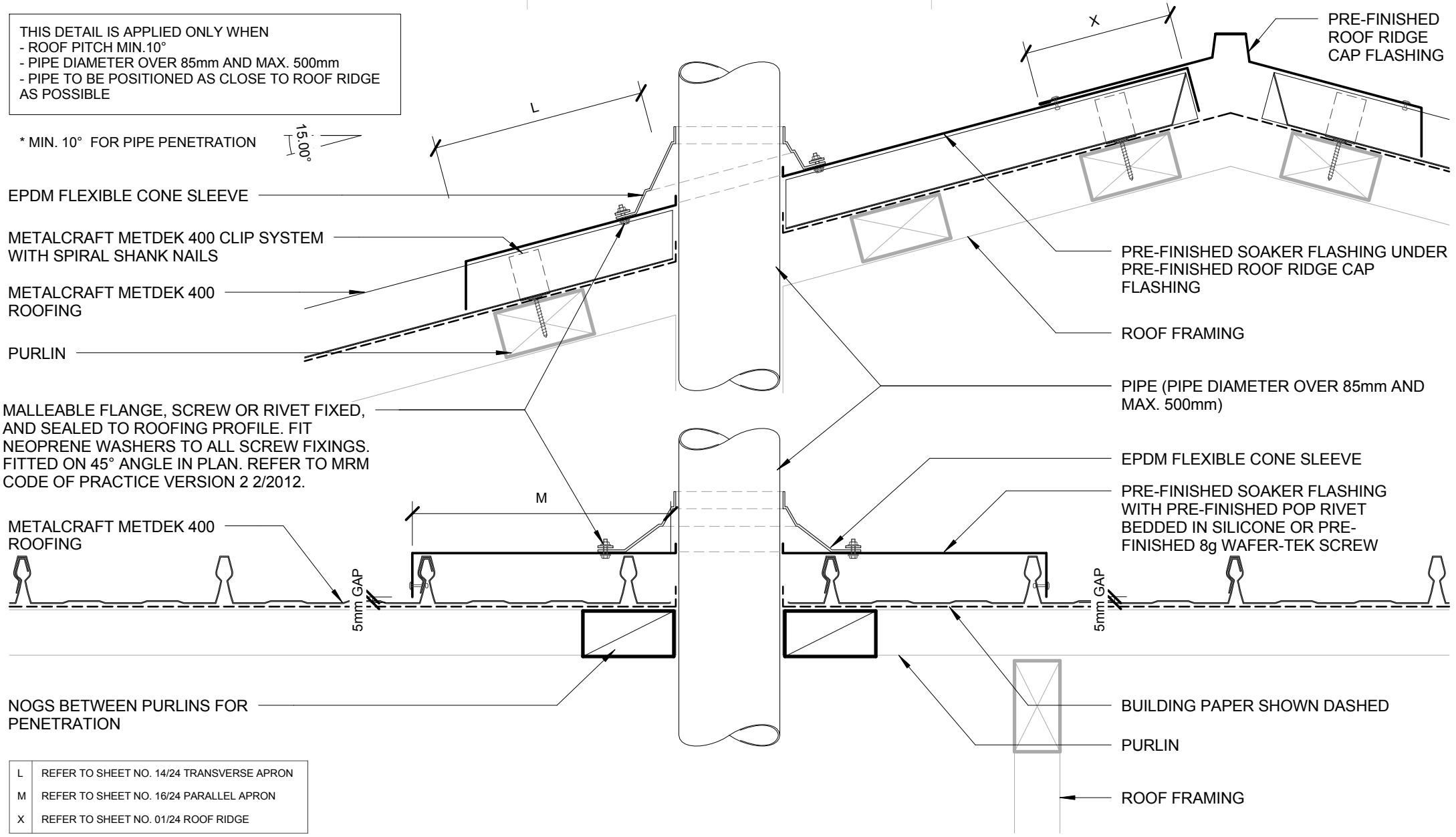
- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2 /2012.

* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

Metalcraft Roofing

MAX. 85mm DIAMETER PIPE PENETRATION

THIS DETAIL IS APPLIED ONLY WHEN
- ROOF PITCH MIN.10°
- PIPE DIAMETER OVER 85mm AND MAX. 500mm
- PIPE TO BE POSITIONED AS CLOSE TO ROOF RIDGE AS POSSIBLE



L	REFER TO SHEET NO. 14/24 TRANSVERSE APRON
M	REFER TO SHEET NO. 16/24 PARALLEL APRON
X	REFER TO SHEET NO. 01/24 ROOF RIDGE

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Metalcraft Roofing

OVER 85mm DIAMETER PIPE PENETRATION

* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

PRE-FINISHED RIDGE CAP FLASHING

METALCRAFT METDEK 400 ROOFING

PRE-FINISHED BARGE FLASHING

PURLIN

ROOF FRAMING

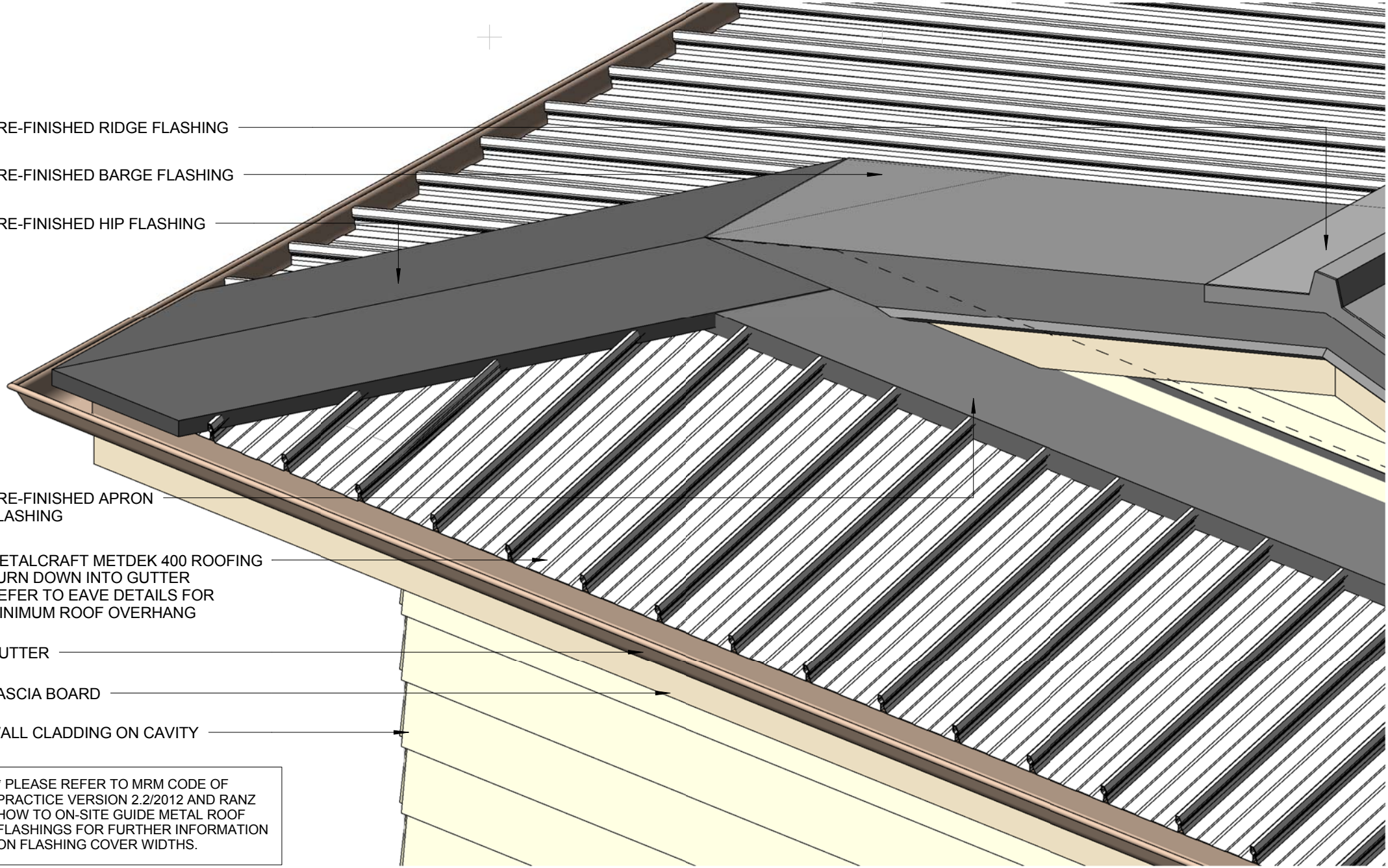
FASCIA BOARD

WALL FRAMING

WALL CLADDING ON CAVITY

3D RIDGE TO BARGE JUCTION

Metalcraft Roofing



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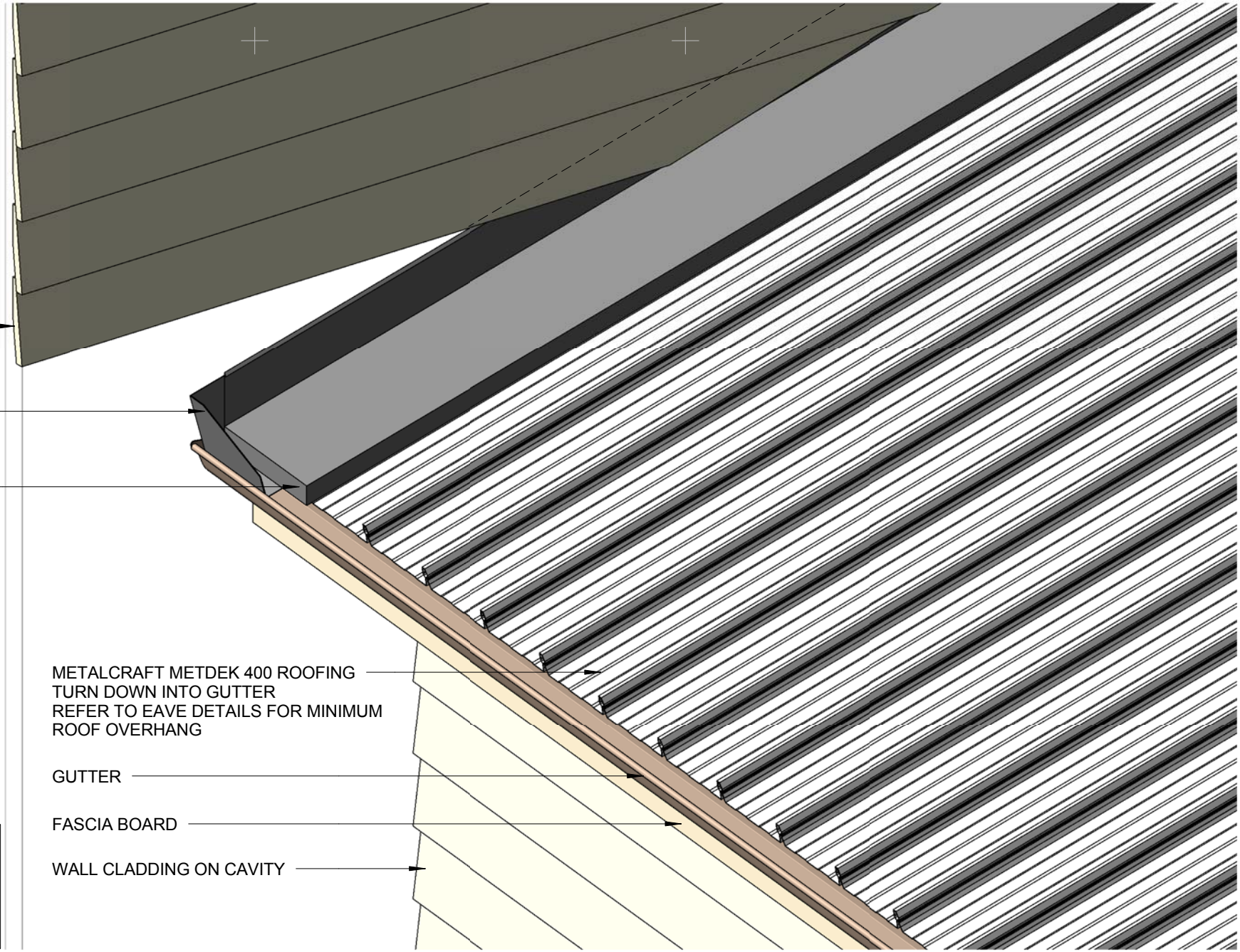
3D DUTCH GABLE

Metdek 400

RESIDENTIAL ROOFING

Metalcraft Roofing



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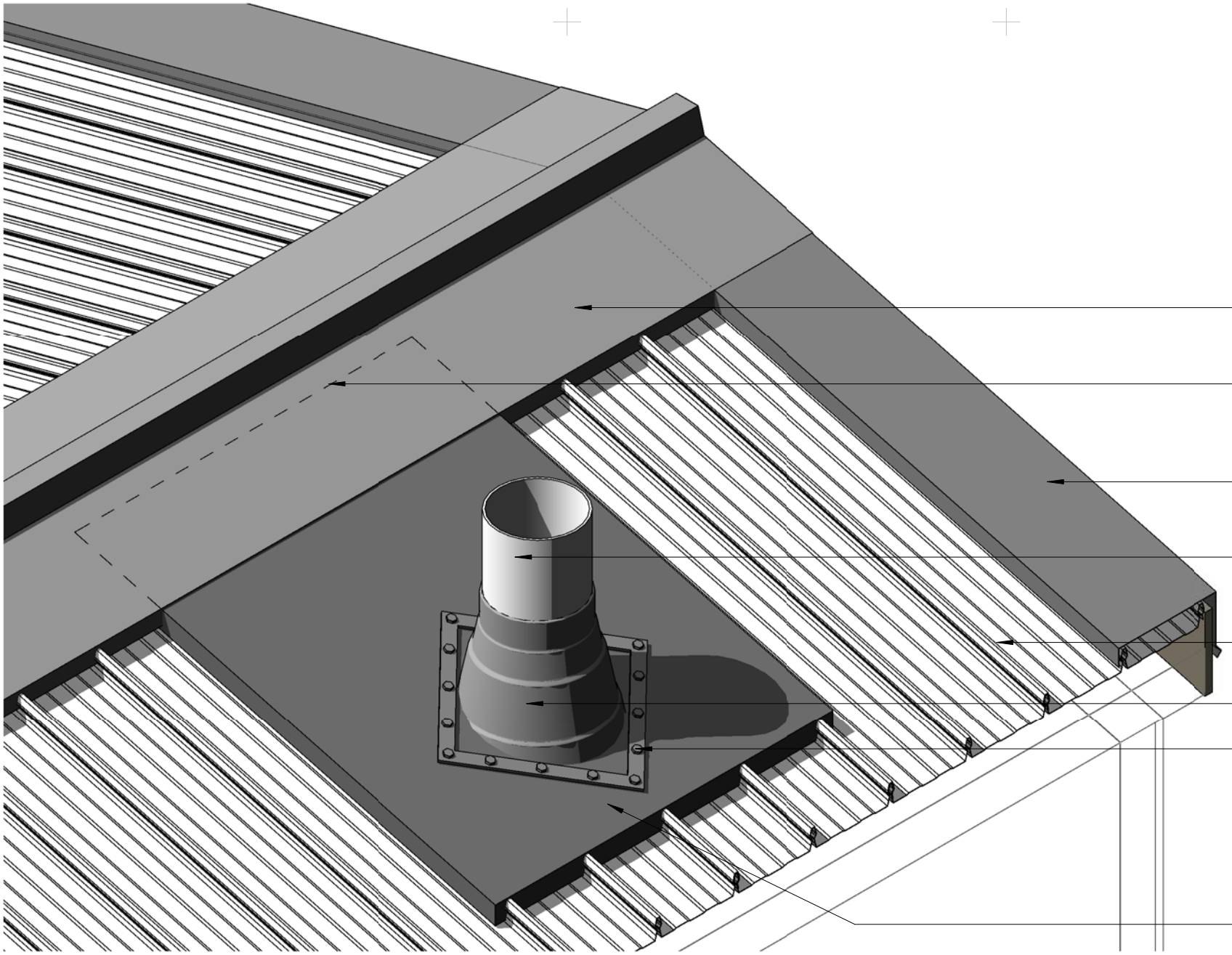
Metalcraft Roofing

3D APRON

Metdek 400 **RESIDENTIAL ROOFING**



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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 METDEK 400 ROOFING

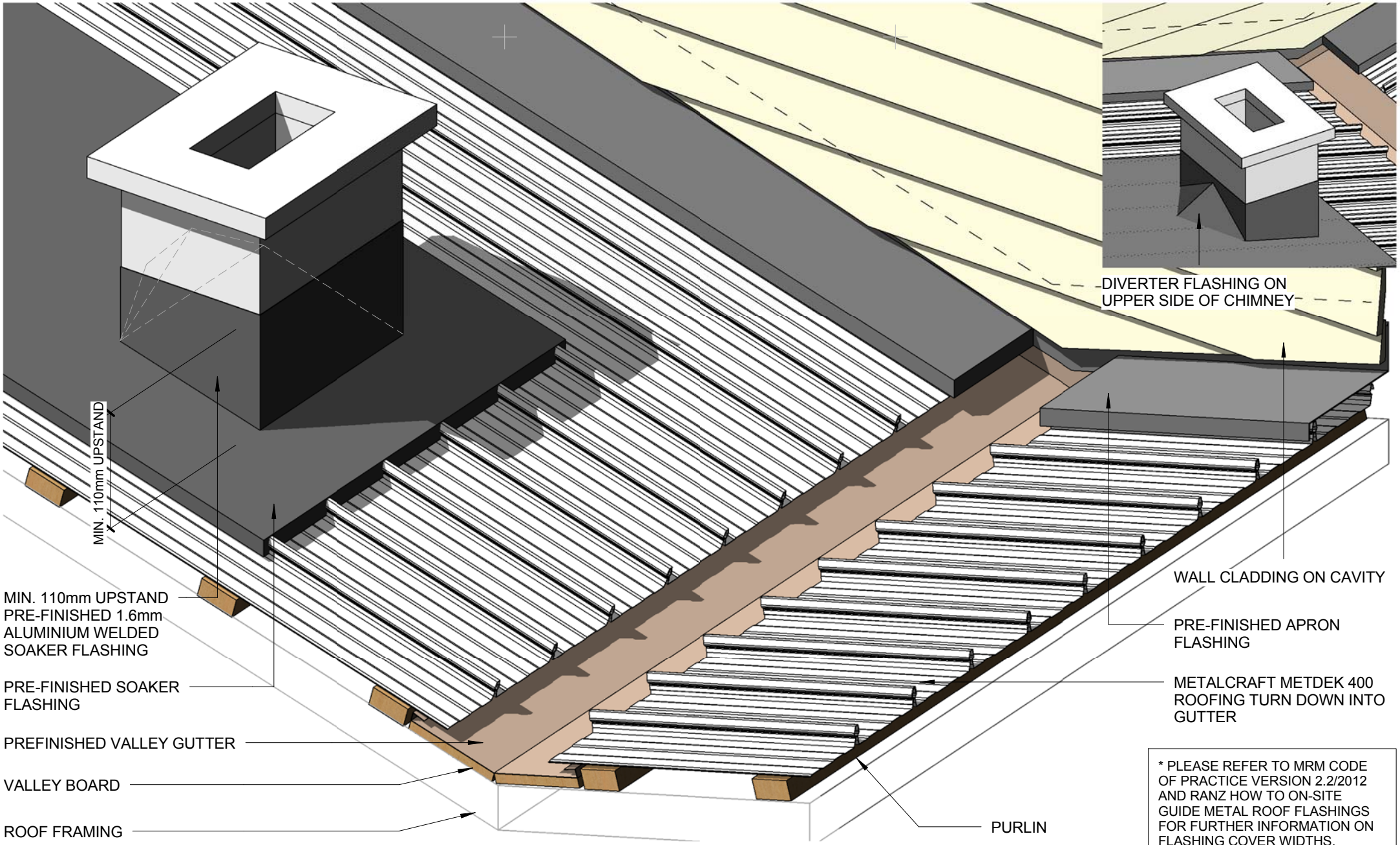
EPDM FLEXIBLE CONE SLEEVE

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 2 2/2012.

PRE-FINISHED SOAKER FLASHING

3D OVER 85mm DIAMETER PIPE PENETRATION

Metalcraft Roofing



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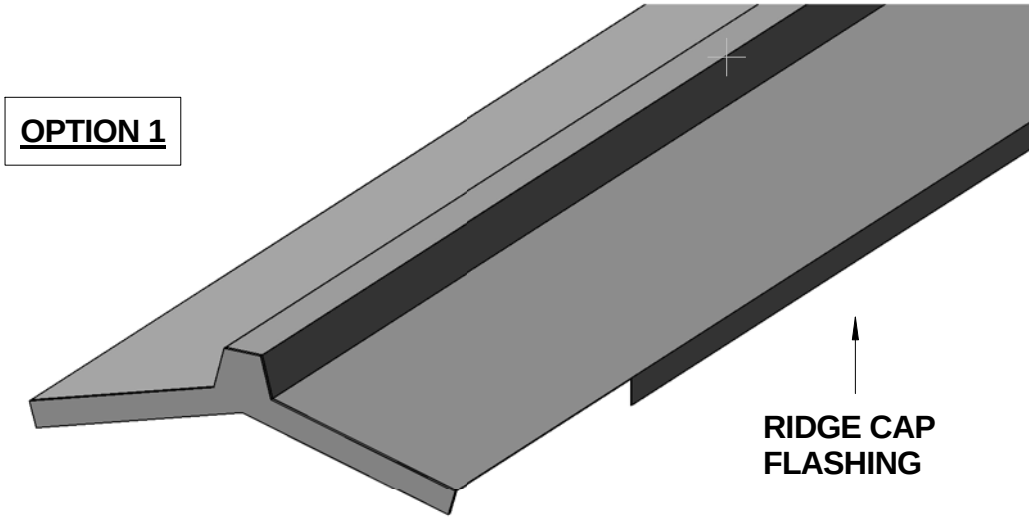
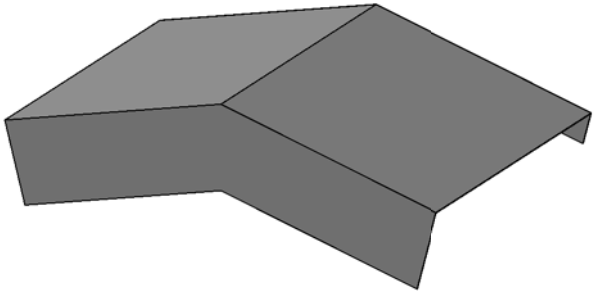
3D CHIMNEY PENETRATION

Metalcraft Roofing

OPTION 1

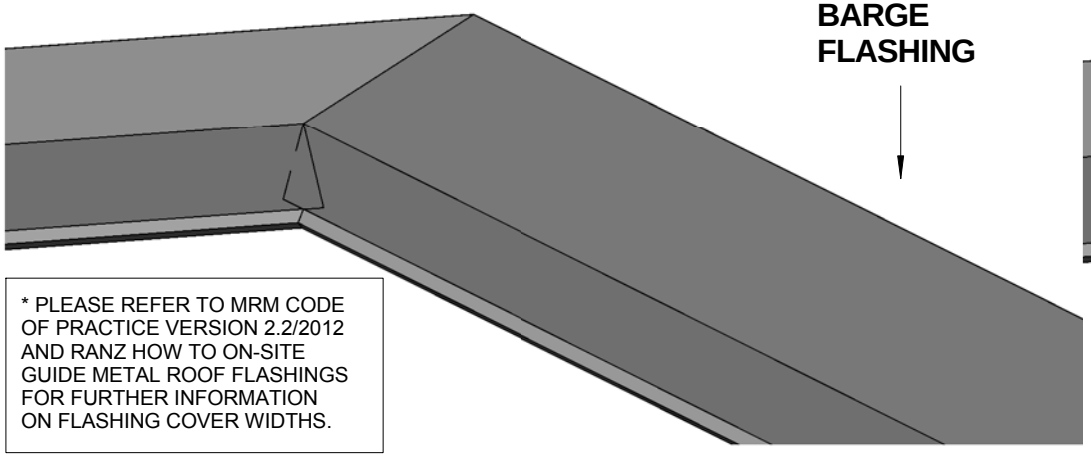


RIDGE CAP FLASHING



ADDITIONAL SADDLE FLASHING

BARGE FLASHING



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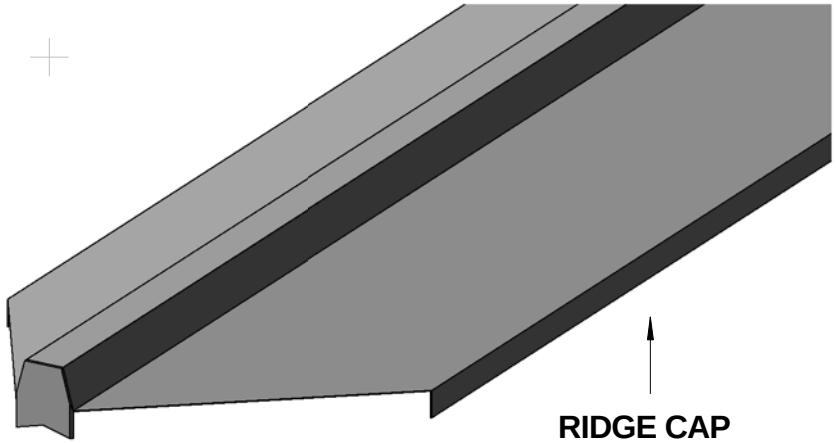
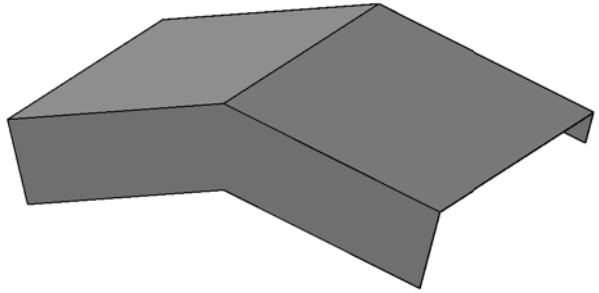
OPTION 2

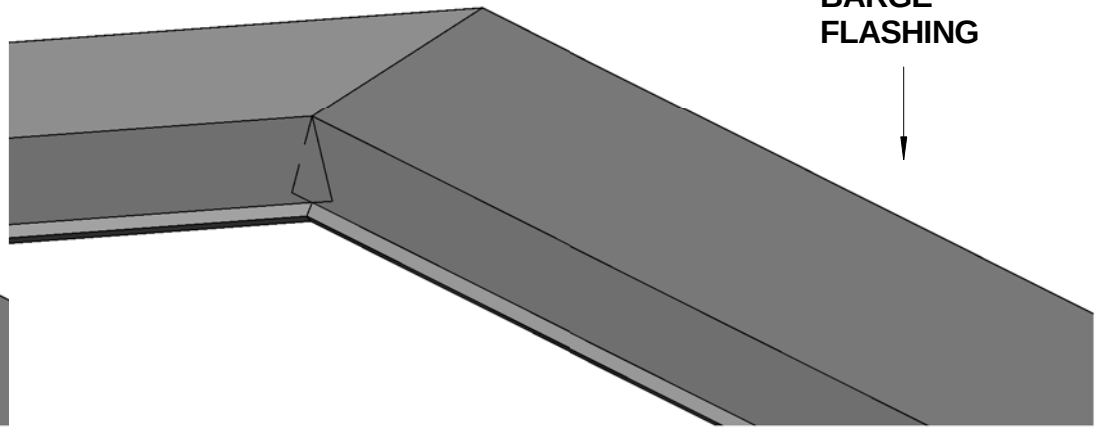


RIDGE CAP FLASHING



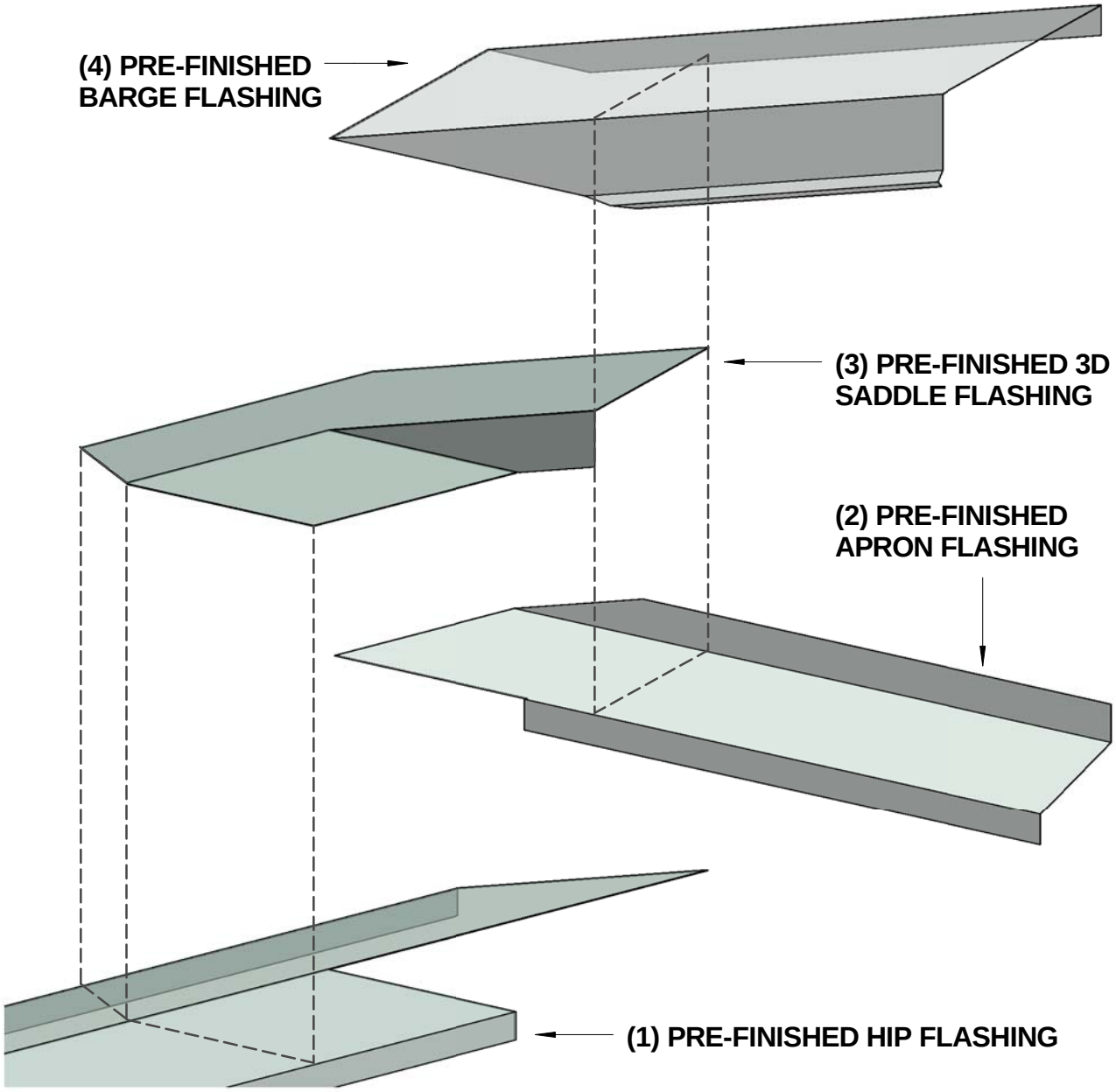
ADDITIONAL SADDLE FLASHING

BARGE FLASHING



3D RIDGE/BARGE FLASHINGS

Metalcraft Roofing



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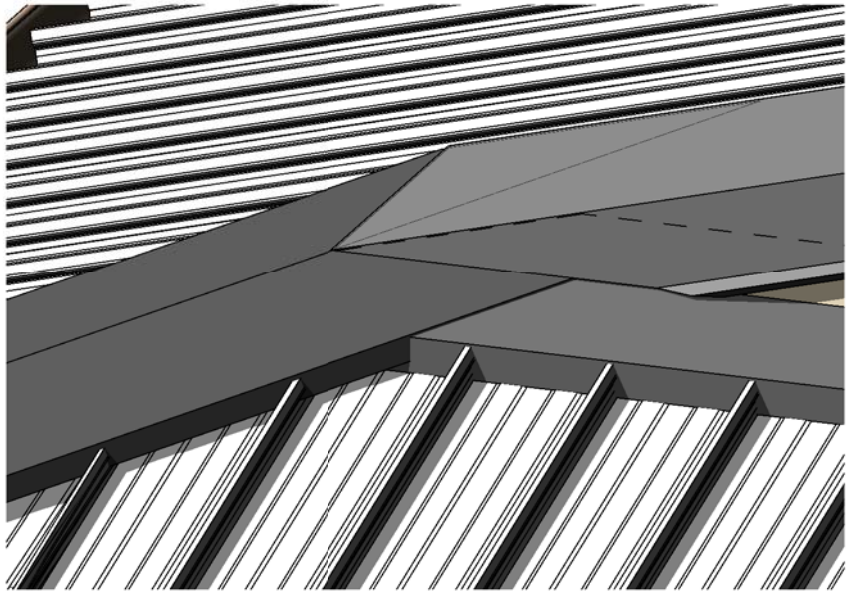

3D DUTCH GABLE FLASHINGS

Metalcraft Roofing