Espan 340™ / 470™

RESIDENTIAL ROOFING

DETAIL LIST

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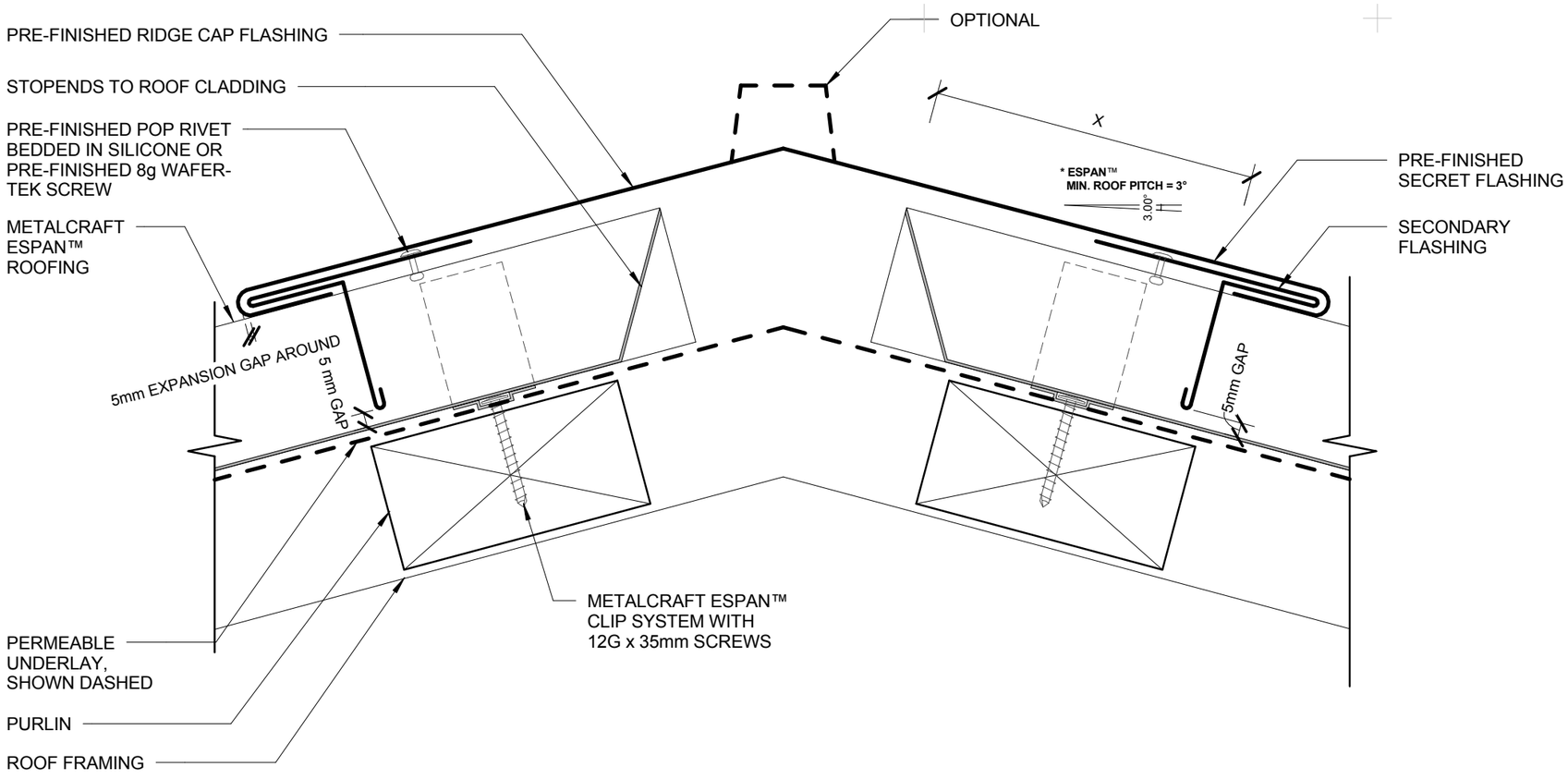
Metalcraft Roofing

RREP



ACCEPTABLE SOLUTION AS PER E2/AS1

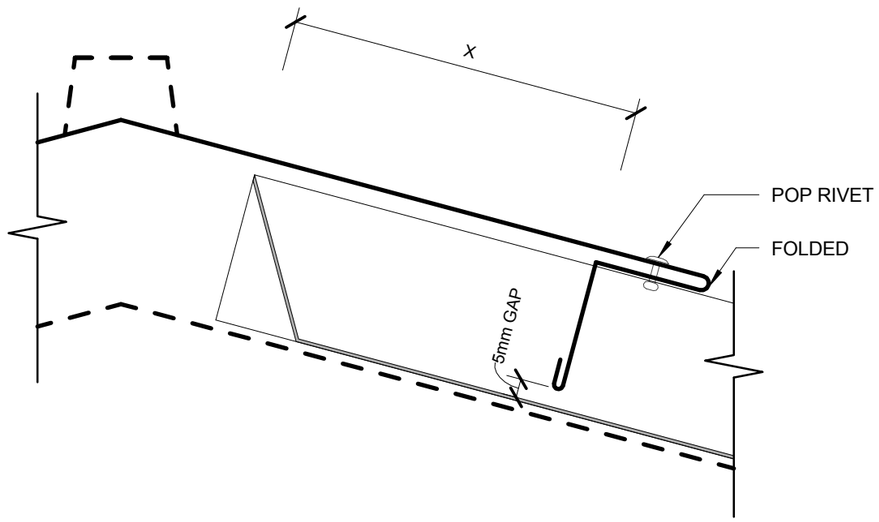
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X	MIN. 130mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN.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

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

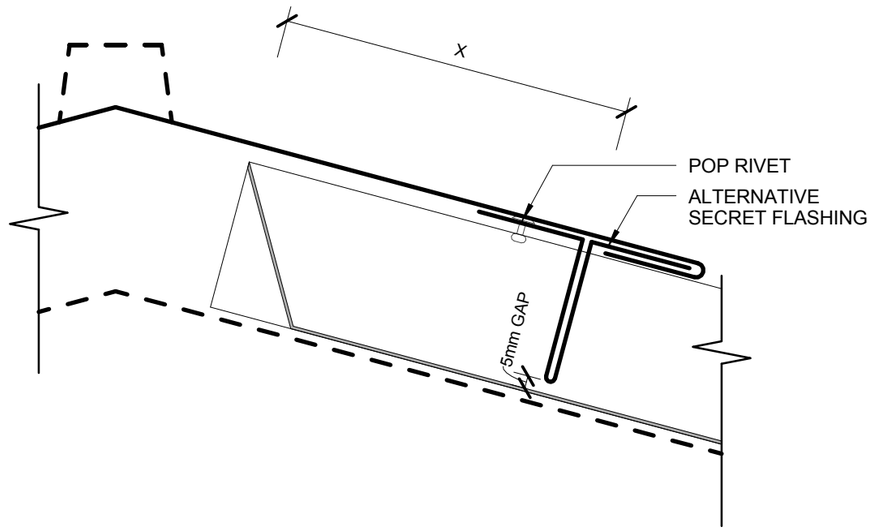
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

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

ALTERNATIVE OPTION - A



ALTERNATIVE OPTION - B



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

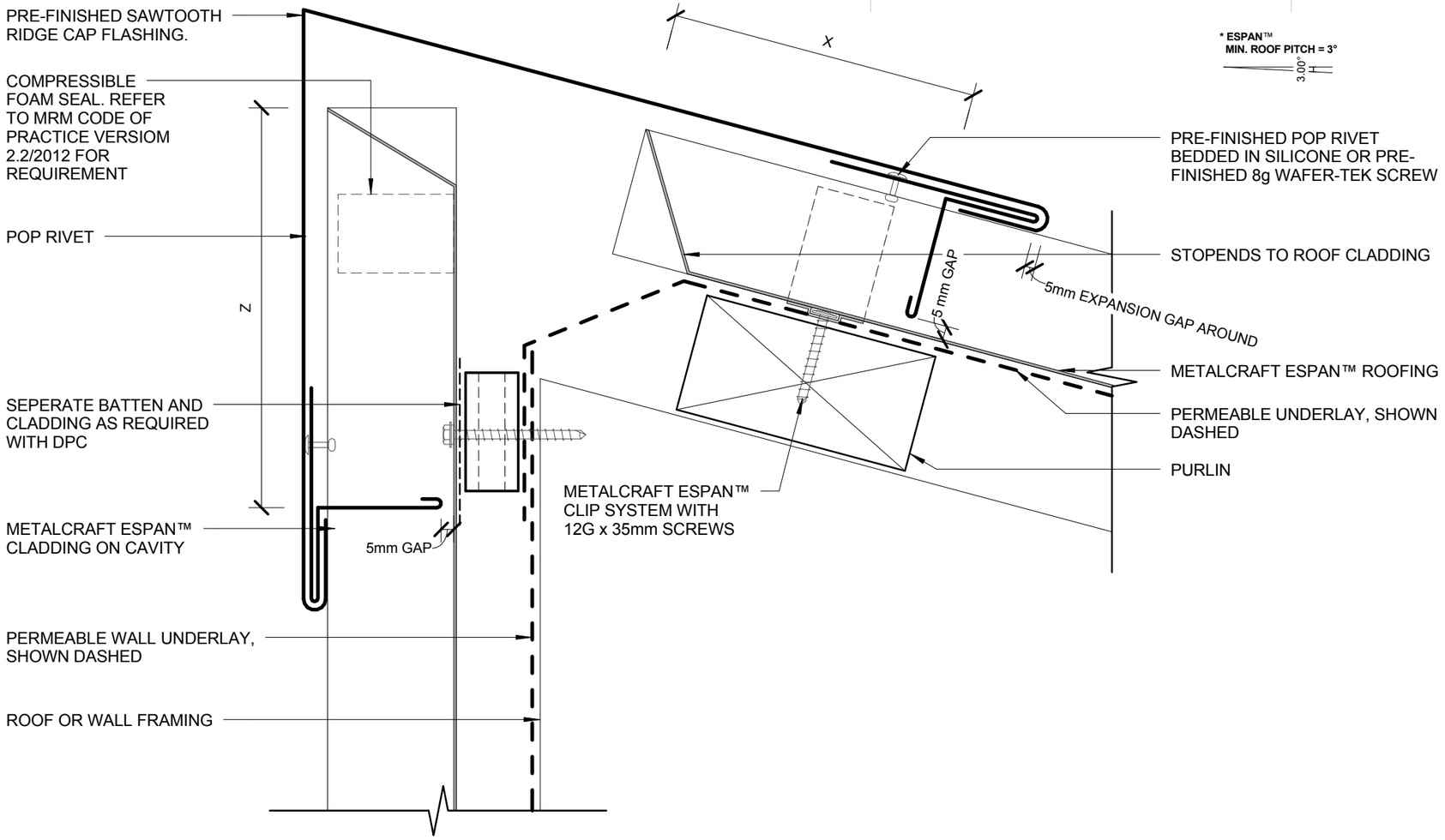
Metalcraft Roofing

RIDGE FLASHING

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0

Reference RREP | Date 2018 | Scale 1 : 2 | Sheet 01 / 20



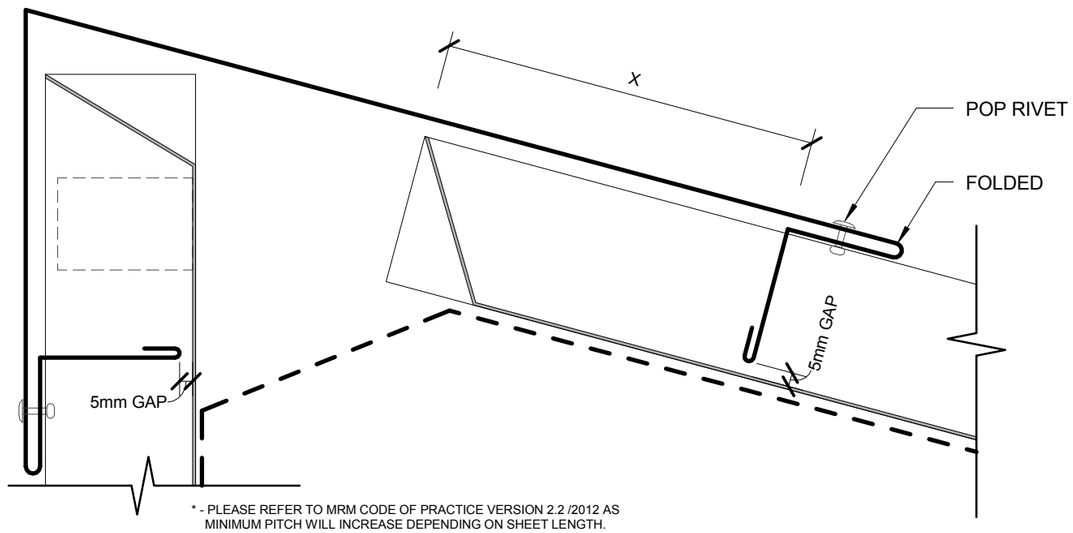
ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES INVERY 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

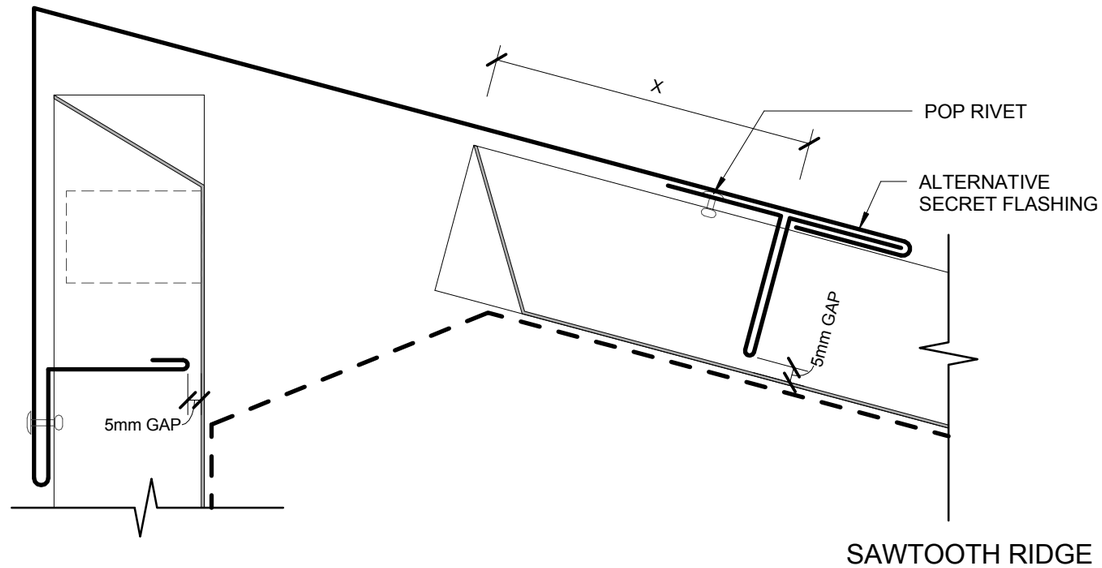
	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
X	MIN. 130mm	MIN. 200mm
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)

ALTERNATIVE OPTION - A



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

ALTERNATIVE OPTION - B



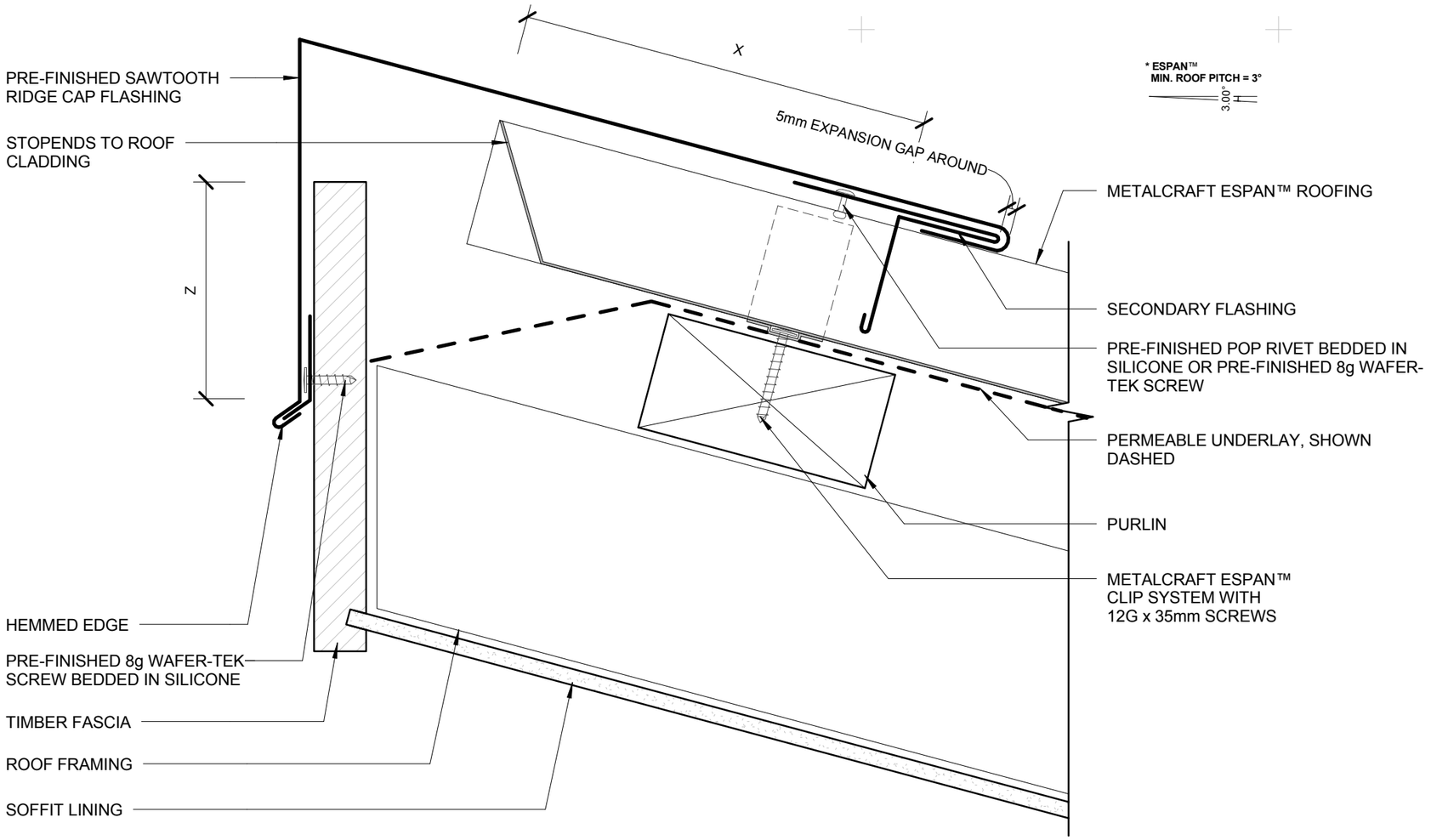
Metalcraft Roofing

SAWTOOTH RIDGE

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0

Reference RREP | Date 2018 | Scale 1 : 2 | Sheet 02 / 20



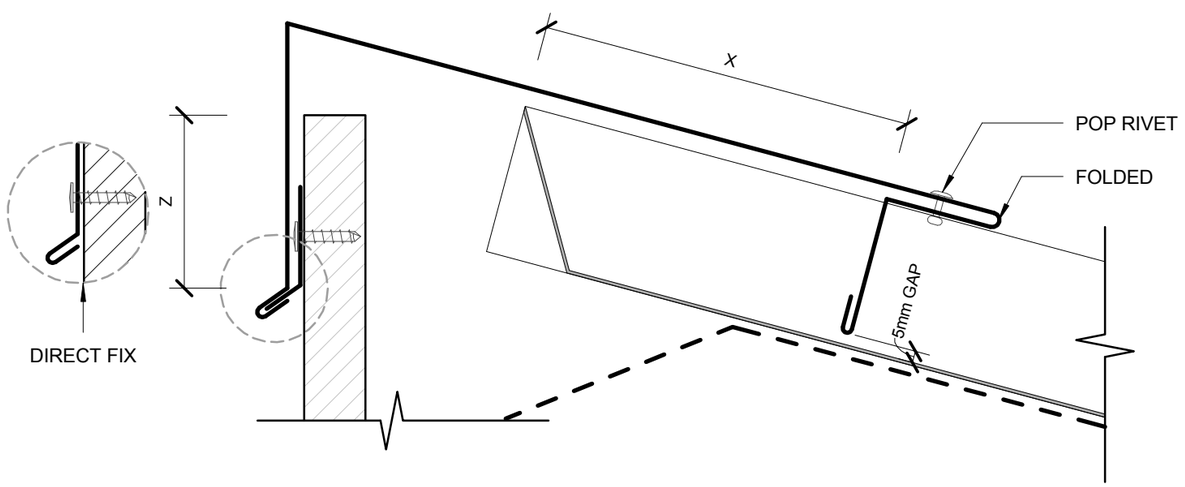
ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES INVERY 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

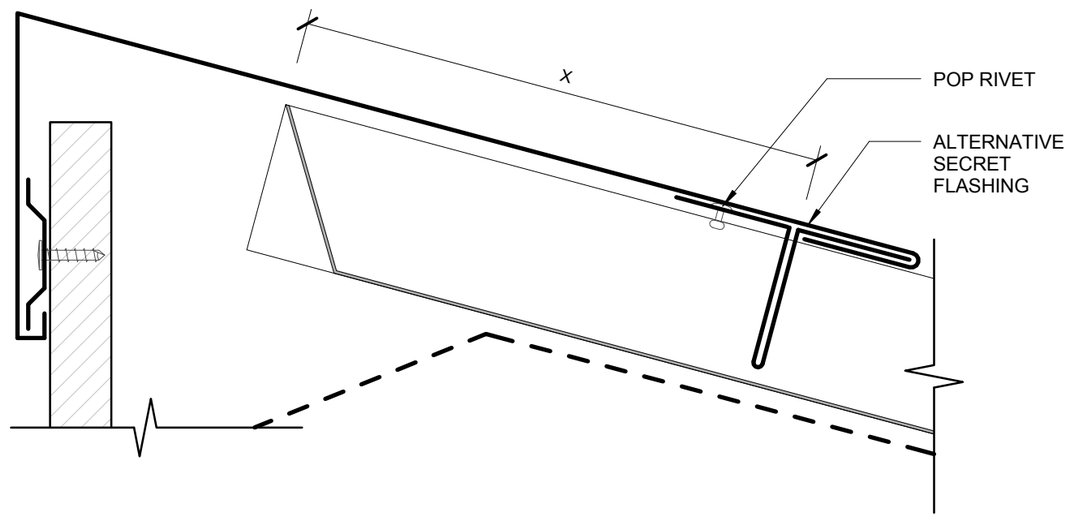
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

	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)

ALTERNATIVE OPTION - A



ALTERNATIVE OPTION - B



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

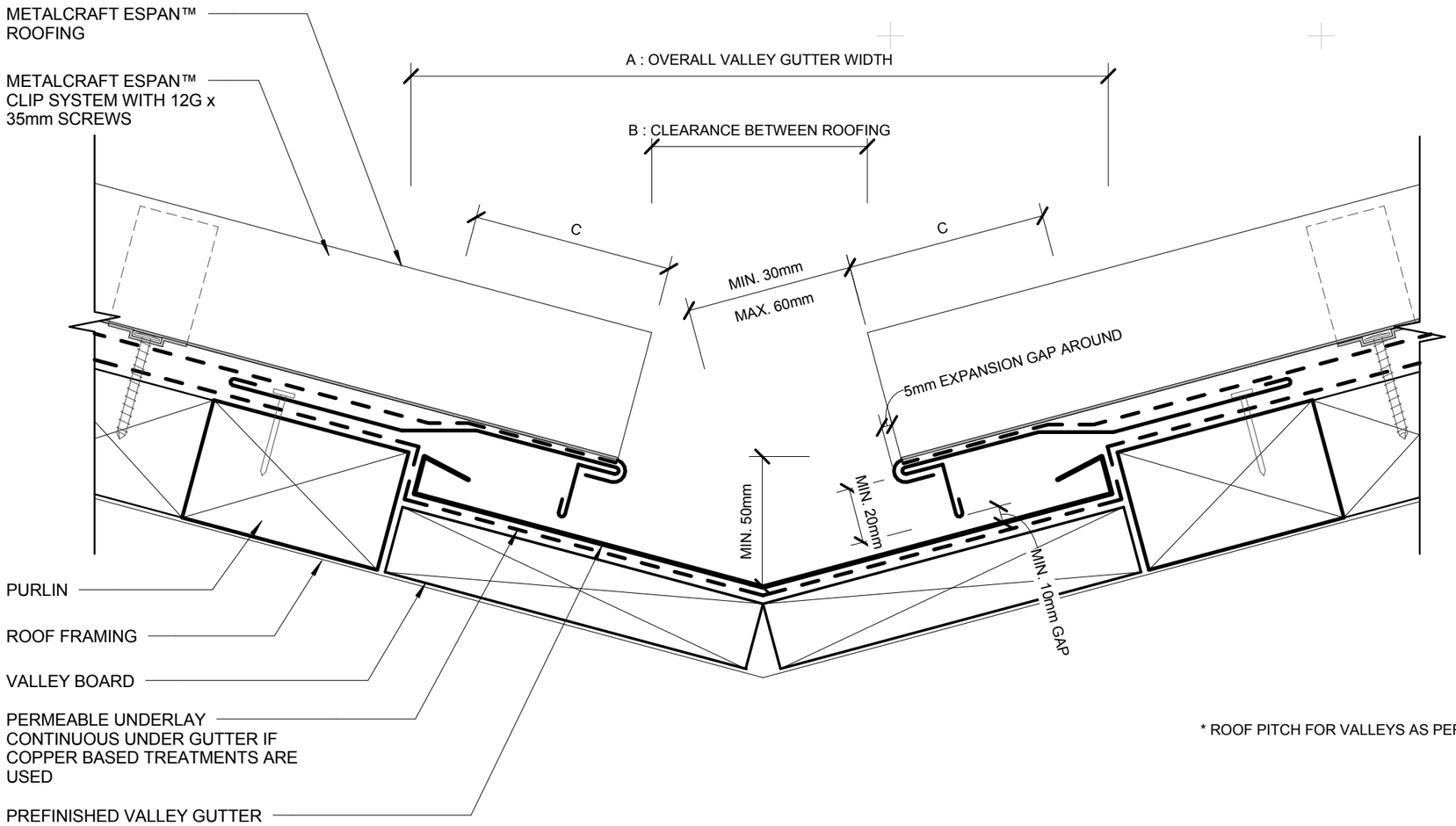
Metalcraft Roofing

SAWTOOTH EAVE

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0

Reference RREP | Date 2018 | Scale 1 : 2 | Sheet 03 / 20



ACCEPTABLE SOLUTION AS PER E2/ASI

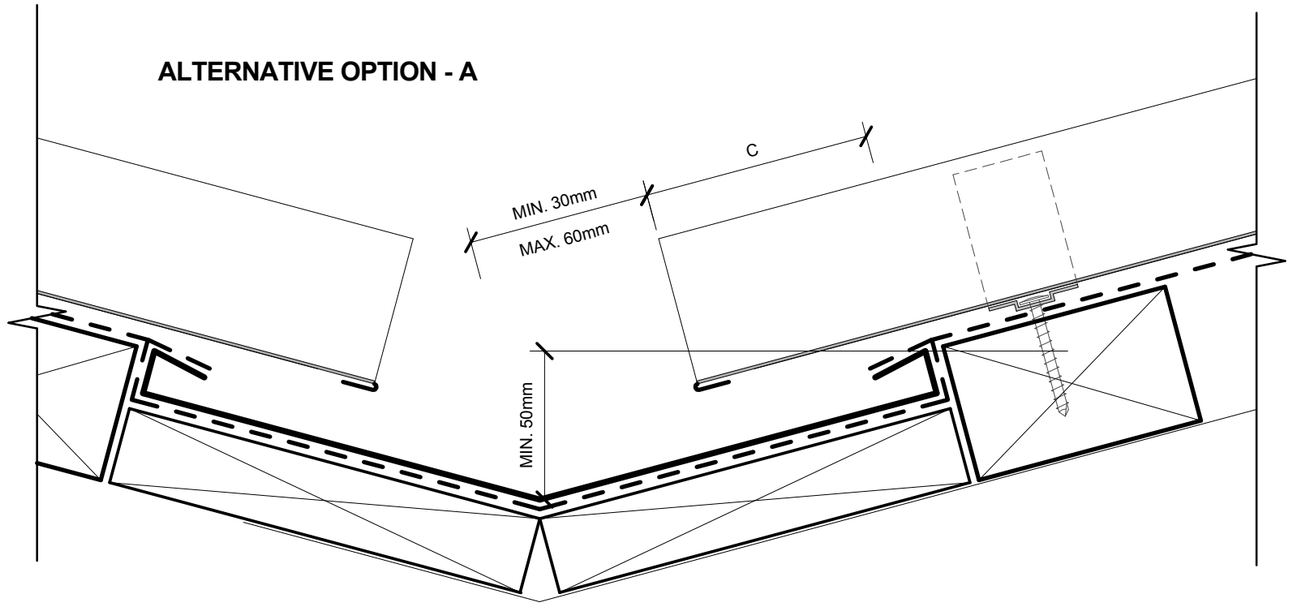
	SITUATION 1	SITUATION 2
	MAX. CATCHMENT 25m² MIN. ROOF PITCH 8°	MAX. CATCHMENT 16m² MIN. ROOF PITCH 12.5°
A	MIN. 250mm	160mm - 249mm
B	MIN. 50mm	MIN. 40mm
C	MIN. 80mm	MIN. 60mm

ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

ROOF PITCH	TYPE B	TYPE C
8 - 12°	MIN. 75mm	MIN. 75mm
12 - 35°	MIN. 50mm	MIN. 70mm
> 35°	MIN. 50mm	MIN. 70mm

* ROOF PITCH FOR VALLEYS AS PER E2.

ALTERNATIVE OPTION - A



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

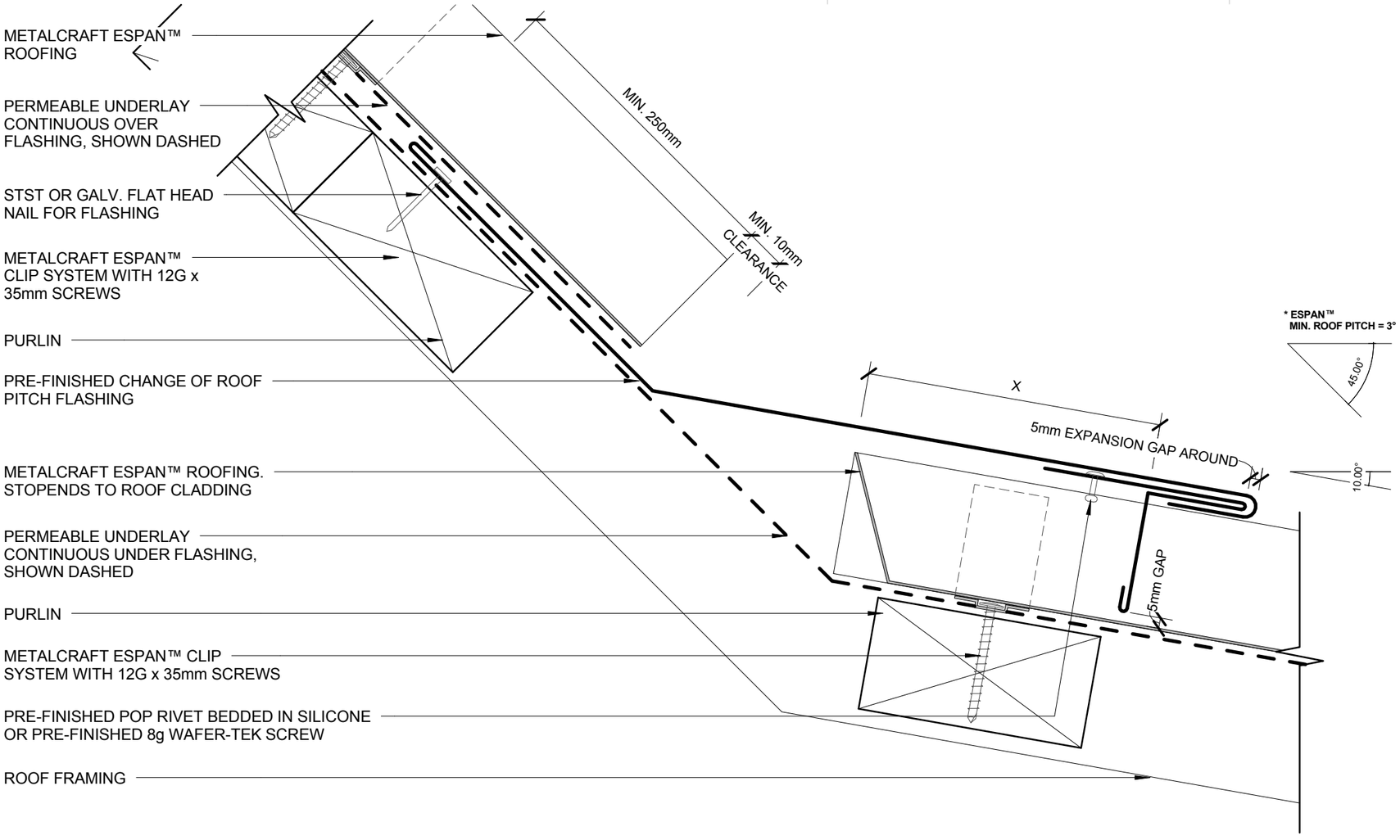
Metalcraft Roofing

ROOF VALLEY

Espan 340™ / 470™ — **RESIDENTIAL ROOFING**

Rev: R0

Reference RREP | Date 2018 | Scale 1 : 2 | Sheet **04 / 20**



ACCEPTABLE SOLUTION AS PER E2/AS1

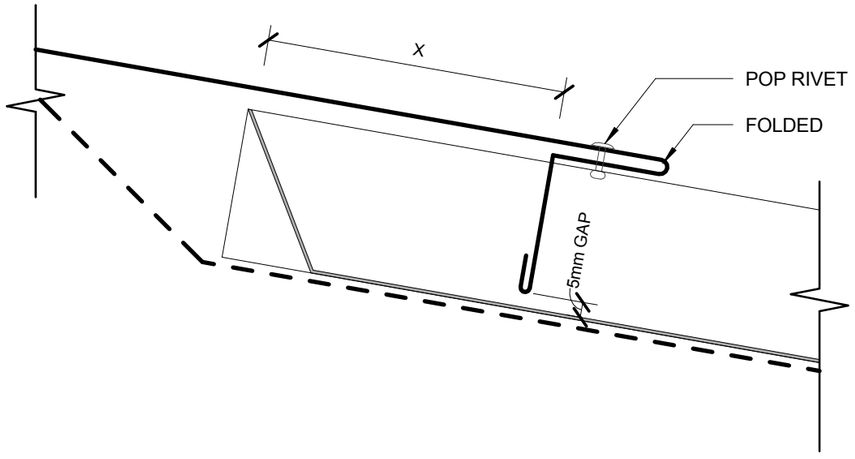
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X	MIN. 130mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN.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

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

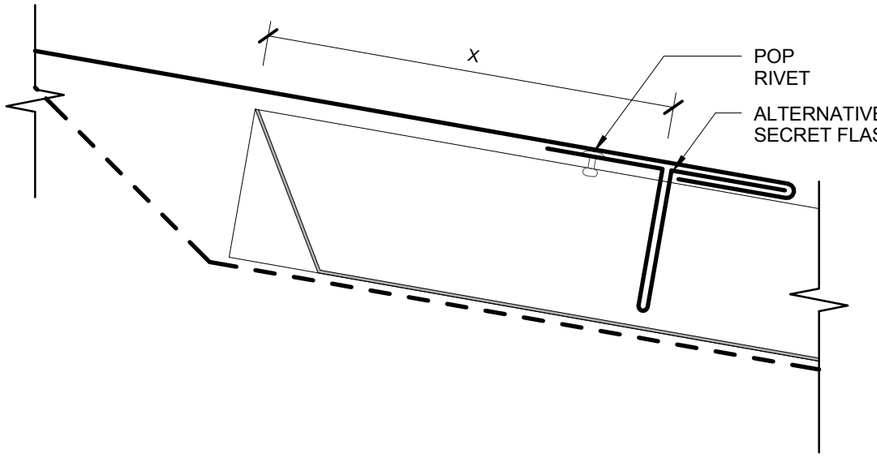
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

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

ALTERNATIVE OPTION - A



ALTERNATIVE OPTION - B



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

Metalcraft Roofing

ROOF - CHANGE PITCH

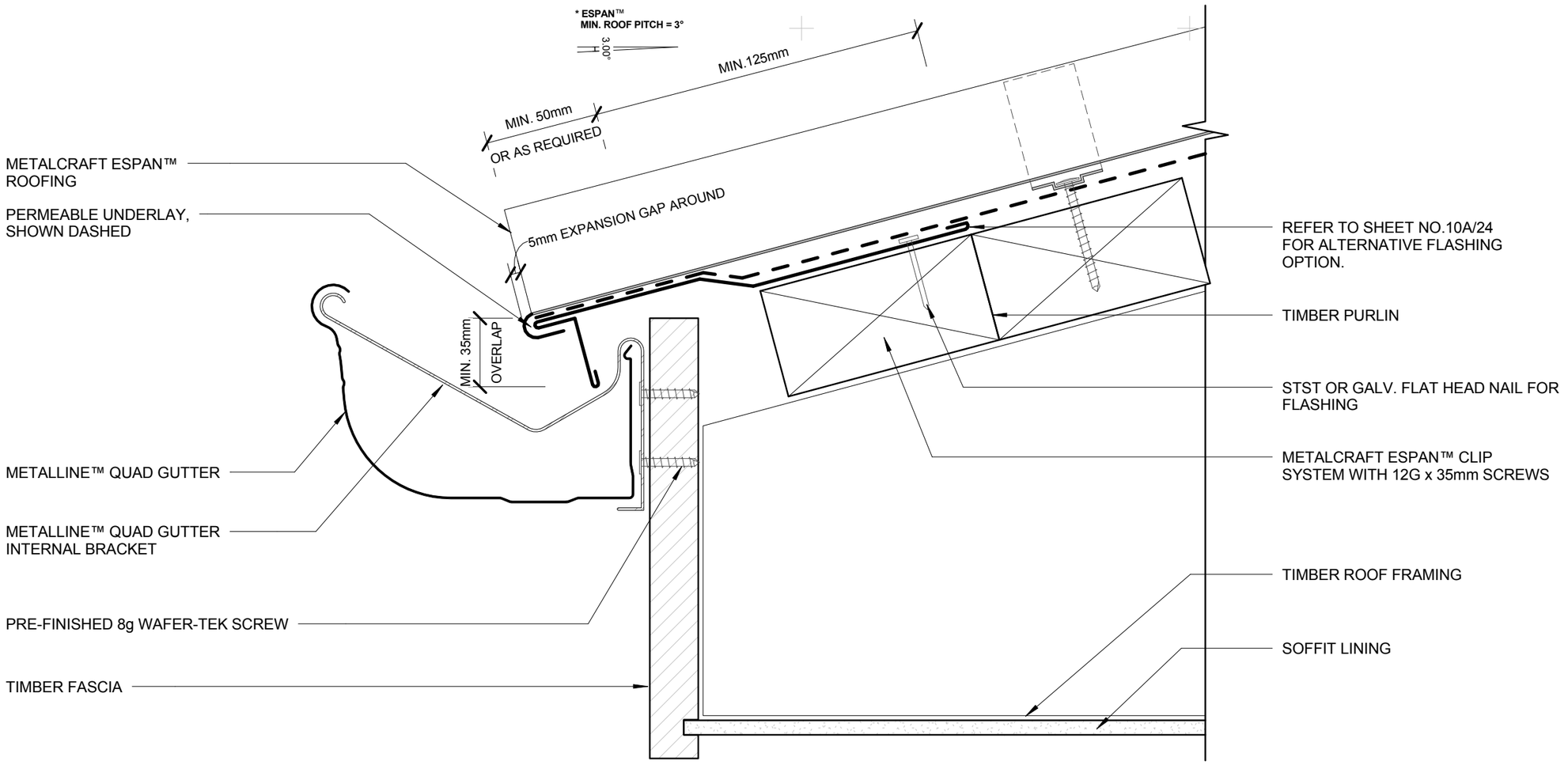
Espan 340™ / 470™ — **RESIDENTIAL ROOFING**

Rev: R0

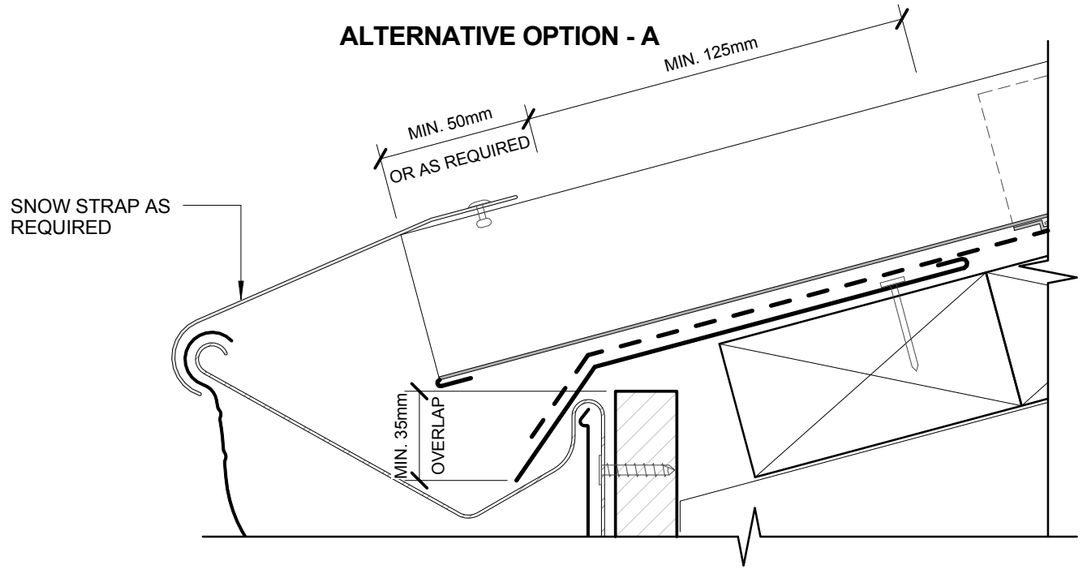
Reference RREP | Date 2018 | Scale 1 : 2 | Sheet **05 / 20**

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
- ROOF PITCH ≤ 3°, AND
- SOFFIT WIDTH ≤ 100mm, AND
- 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

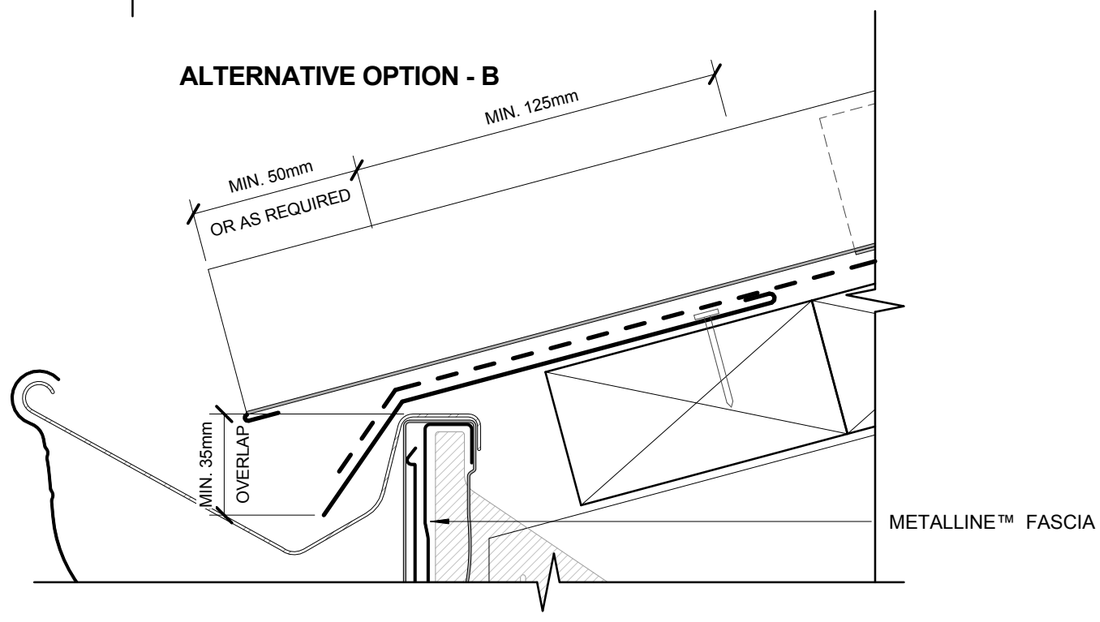
*DETAILS APPLY TO ALL METALCRAFT GUTTERS



ALTERNATIVE OPTION - A



ALTERNATIVE OPTION - B



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

Metalcraft Roofing

EAVE WITH ROUND GUTTER

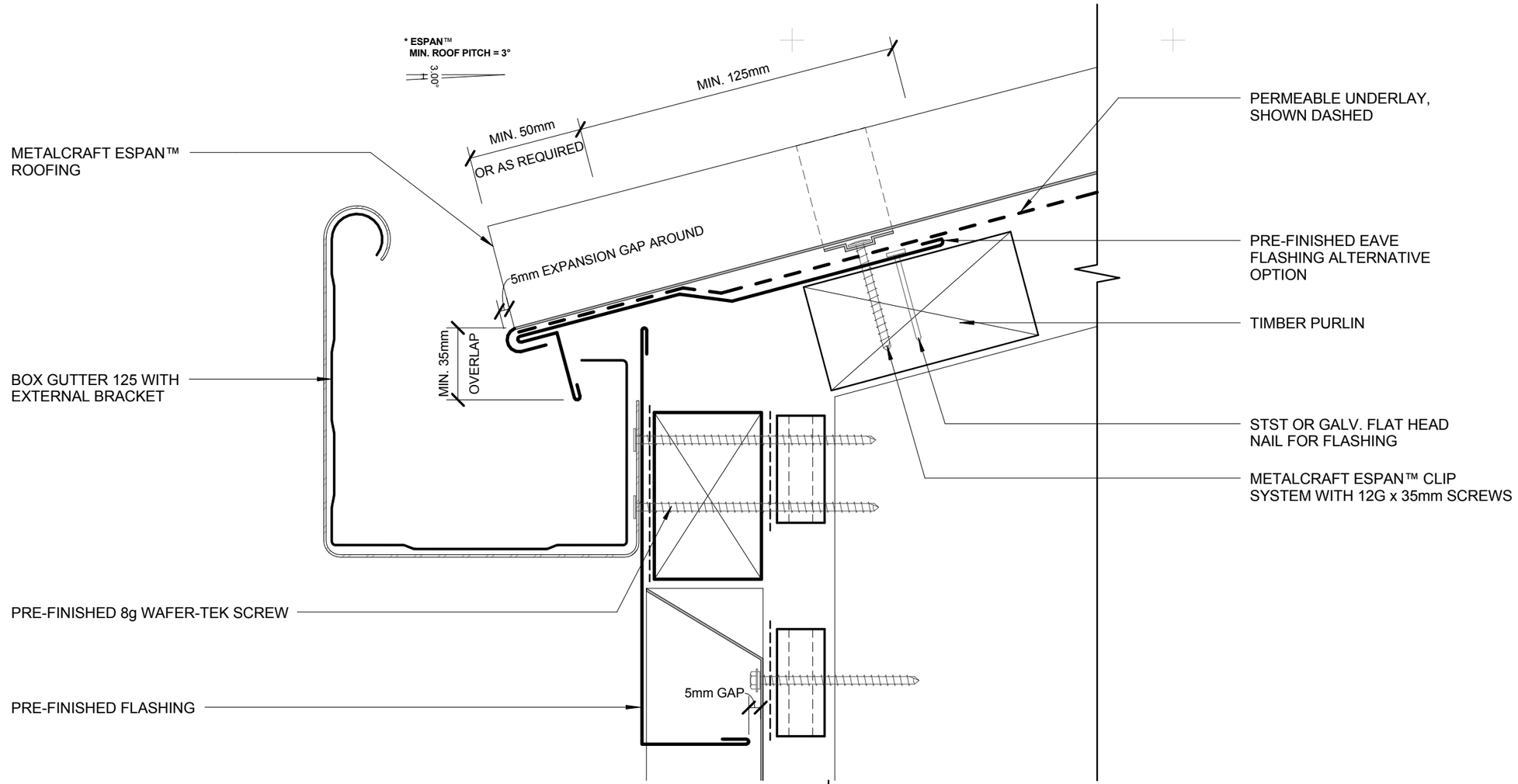
Espan 340™ / 470™ — RESIDENTIAL ROOFING

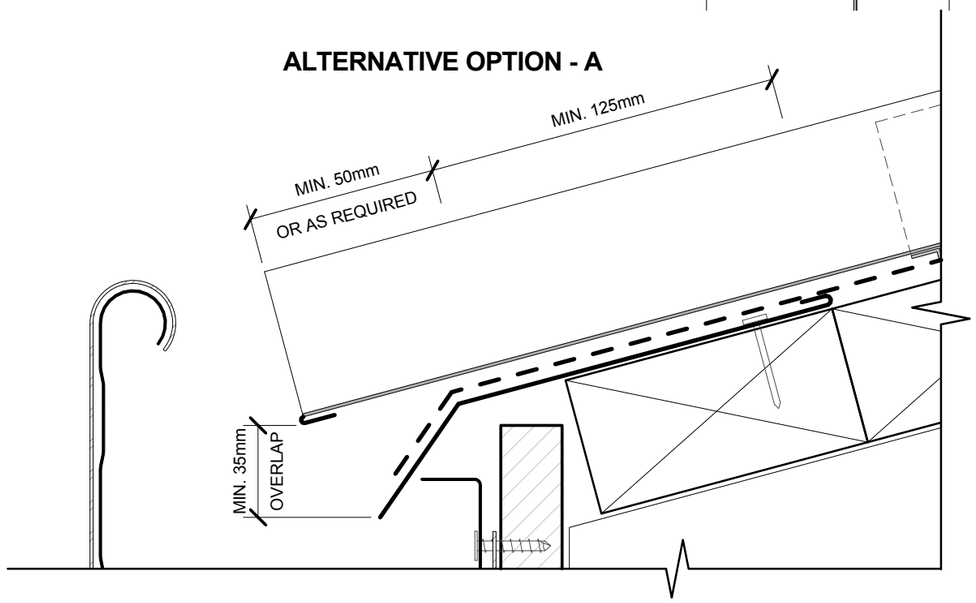
Rev: R0

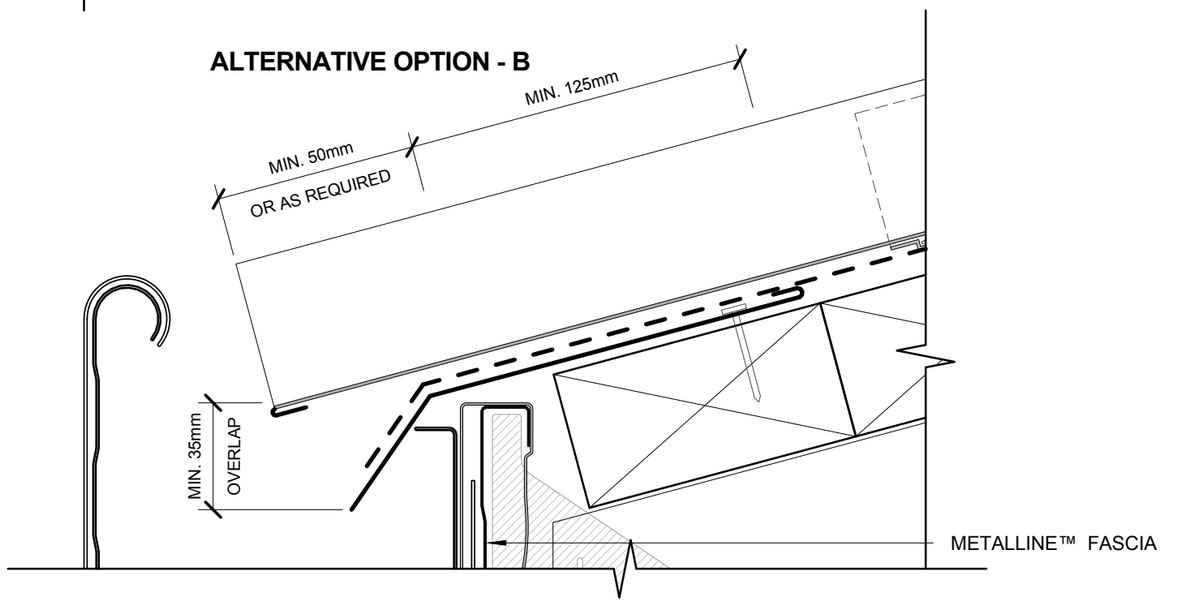
Reference RREP | Date 2018 | Scale 1 : 2 | Sheet 06 / 20

EAVE FLASHING REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
- ROOF PITCH ≤ 3°, AND
- SOFFIT WIDTH ≤ 100mm, AND
- 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

*DETAILS APPLY TO ALL METALCRAFT GUTTERS







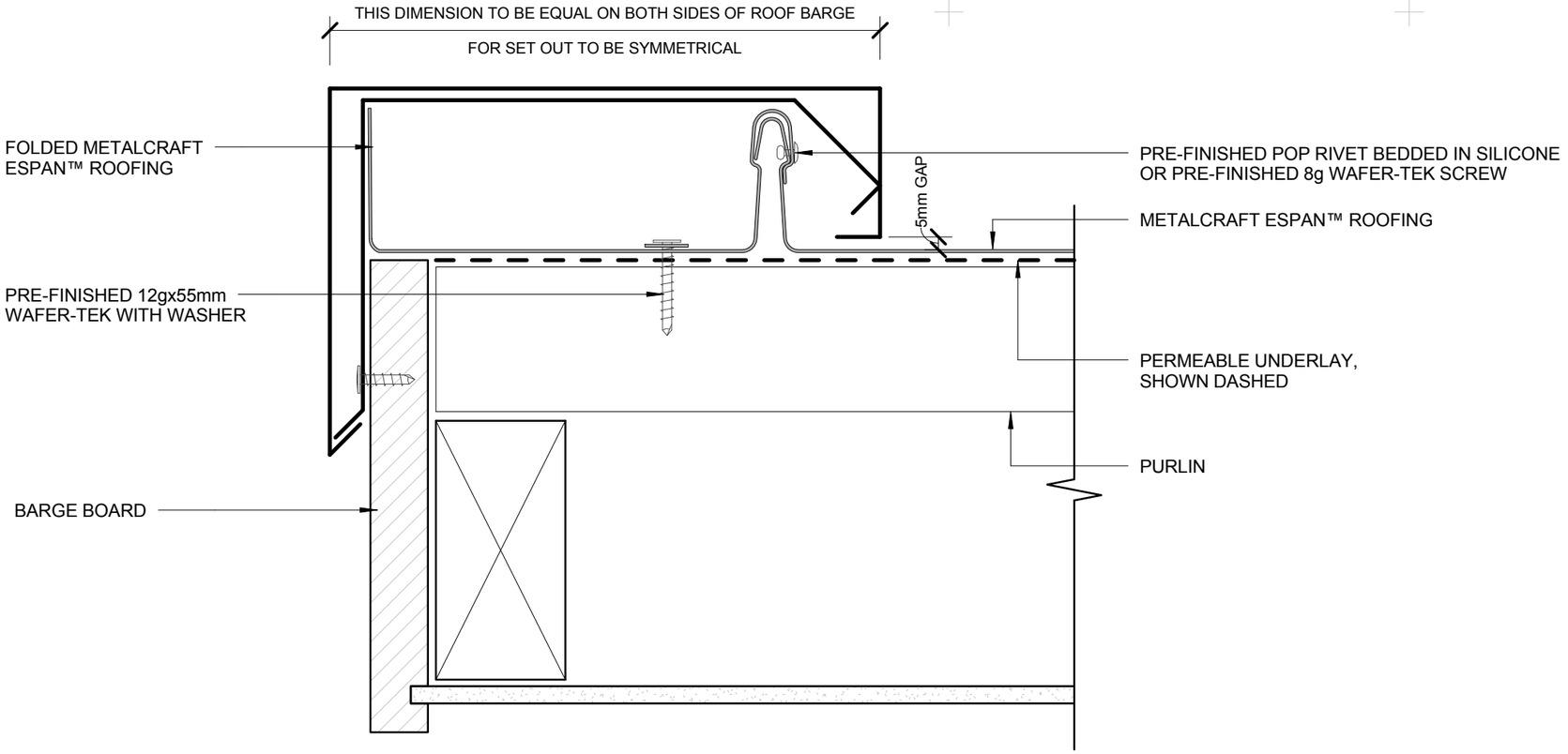
* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

Metalcraft Roofing

EAVE WITH SQUARE GUTTER

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0
Reference RREP Date 2018 Scale 1 : 2 Sheet 07 / 20

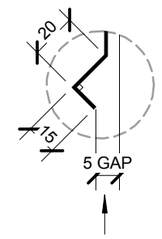


ACCEPTABLE SOLUTION AS PER E2/ASI

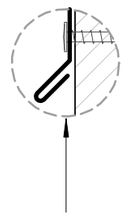
	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM AND HIGH WND ZONES WHERE ROOF PITCH ≤ 10°	1.ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE.
Y	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
Z	MIN.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

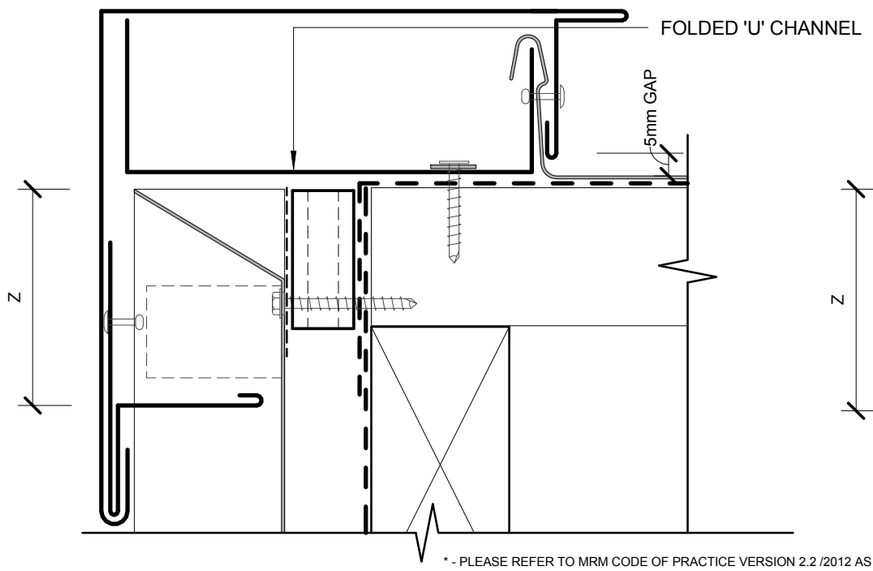


ALTERNATIVE OPTION
BIRDS BEAK EDGE

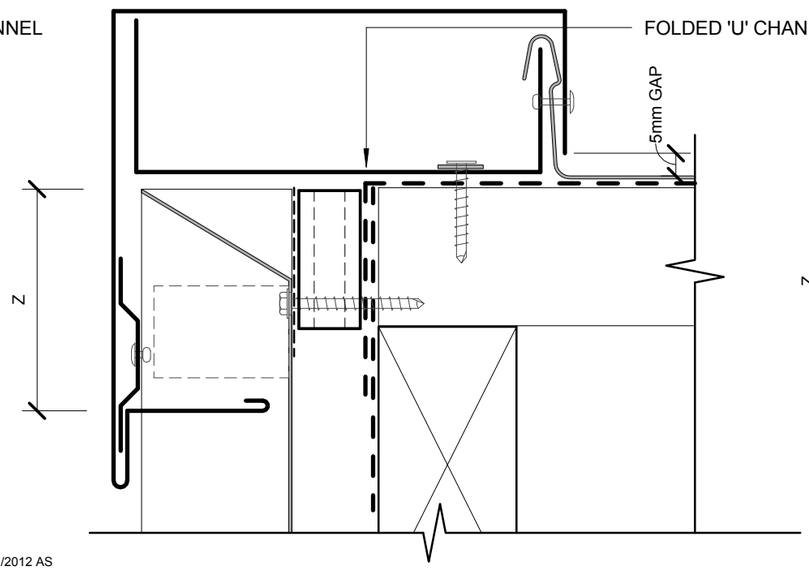


DIRECT FIX

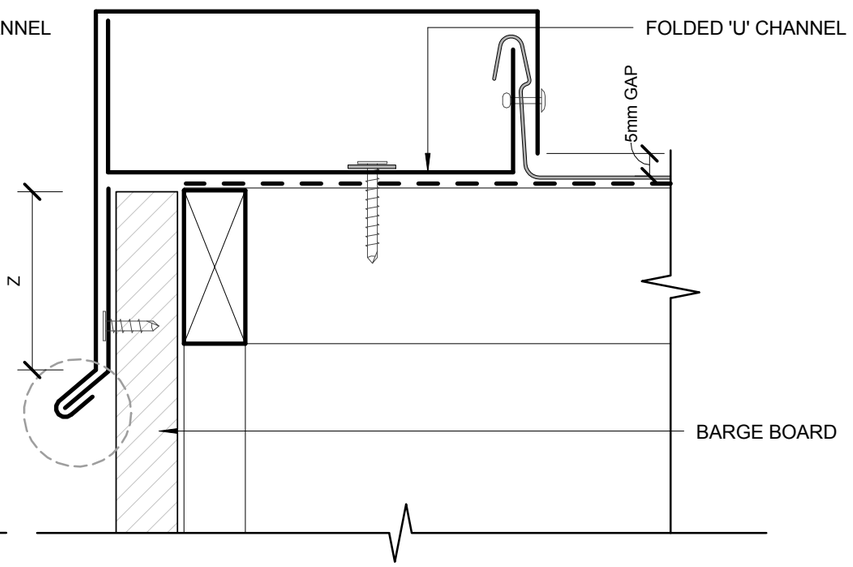
ALTERNATIVE OPTION - A



ALTERNATIVE OPTION - B



ALTERNATIVE OPTION - C



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

Metalcraft Roofing

BARGE FLASHING

Espan 340™ / 470™ — RESIDENTIAL ROOFING

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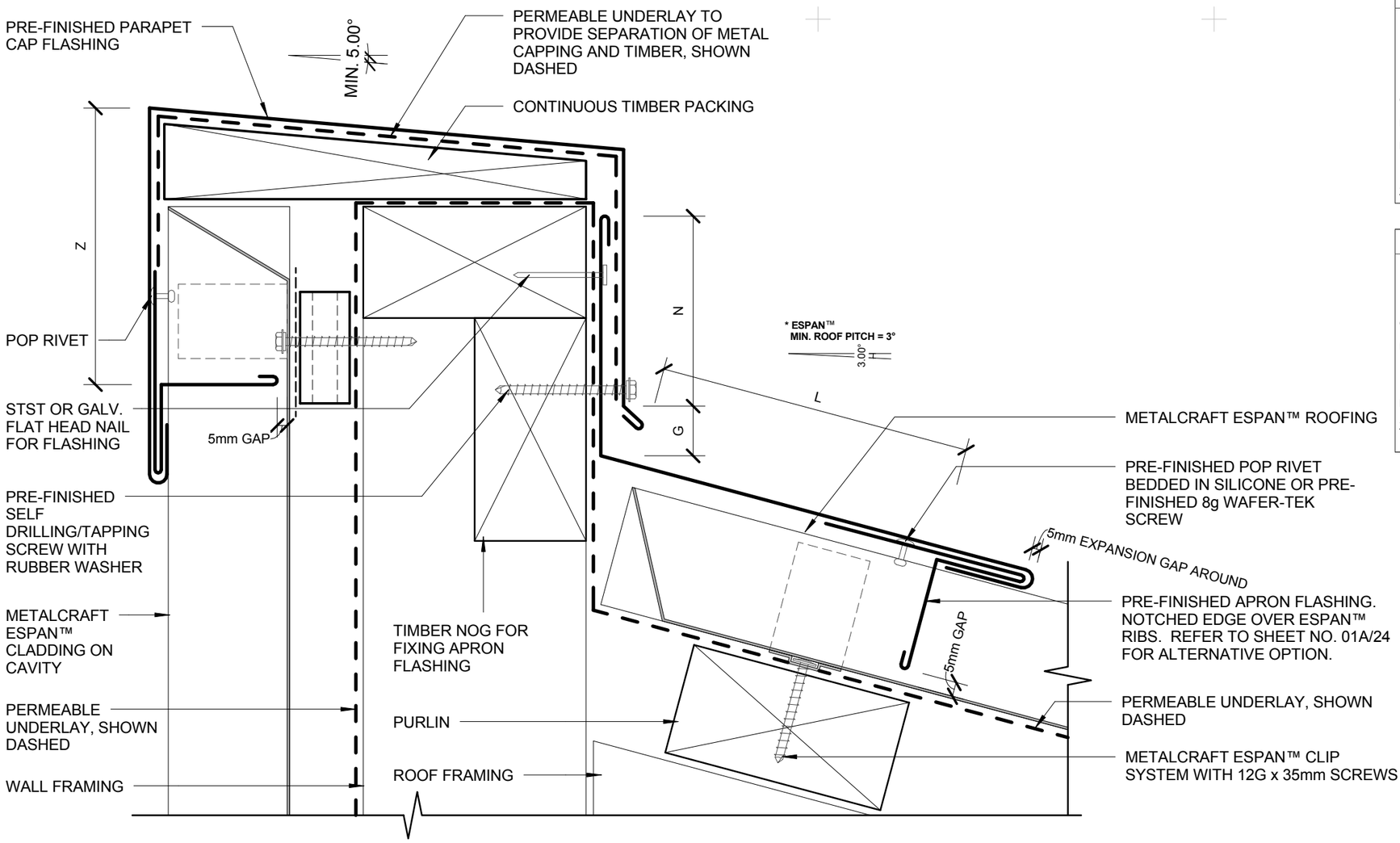
Reference RREP Date 2018 Scale 1 : 2 Sheet 08 / 20



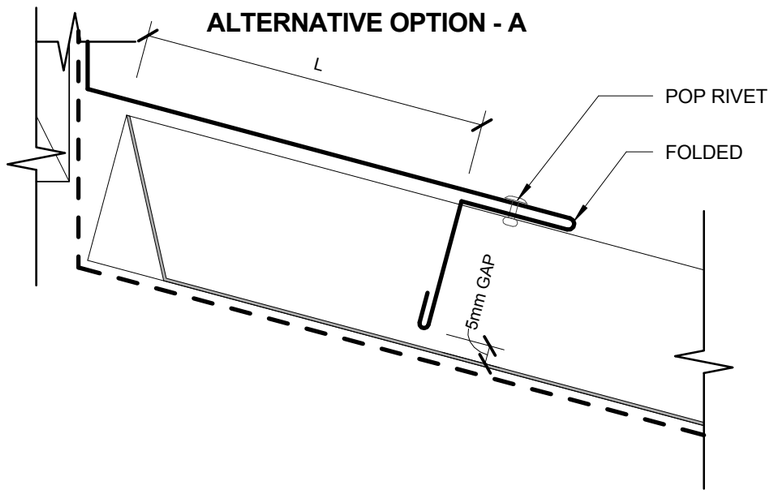
ACCEPTABLE SOLUTION AS PER E2/ASI

	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, & HIGH WIND ZONES WHERE ROOF PITCH ≤ 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

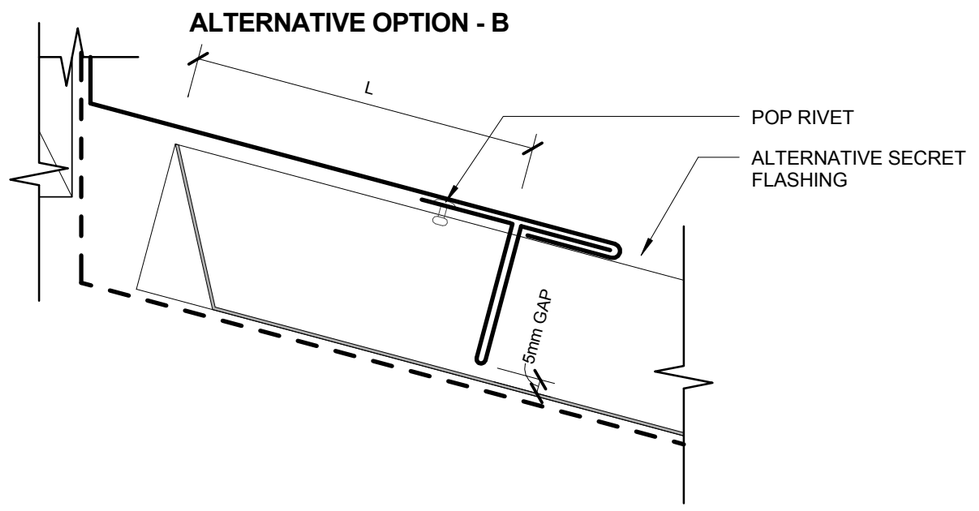
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

	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)

ALTERNATIVE OPTION - A



ALTERNATIVE OPTION - B



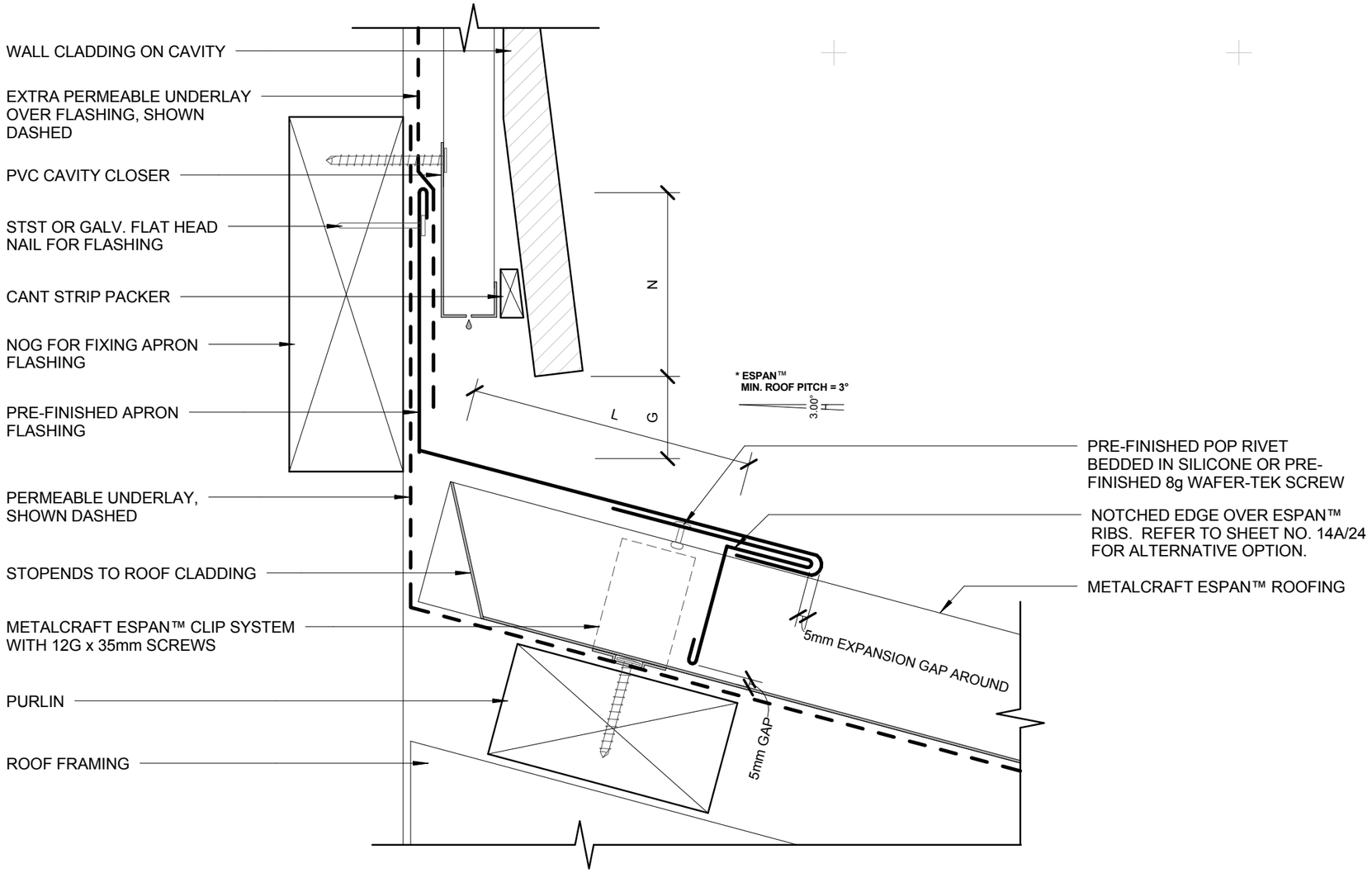
* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

Metalcraft Roofing

PARAPET WITH TRANSVERSE APRON

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0
Reference RREP Date 2018 Scale 1 : 2 Sheet 09 / 20



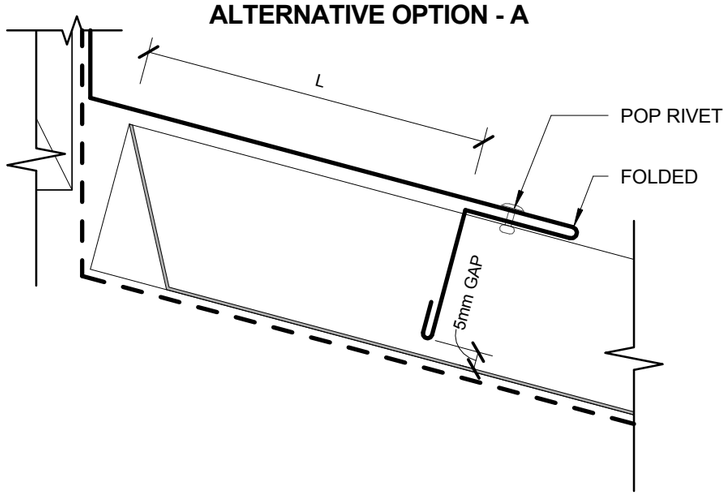
ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONES 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	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)

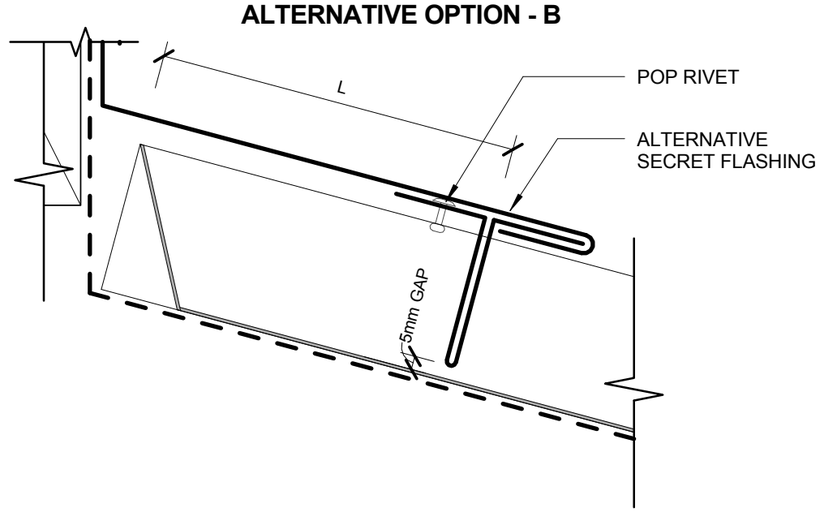
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

	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

ALTERNATIVE OPTION - A



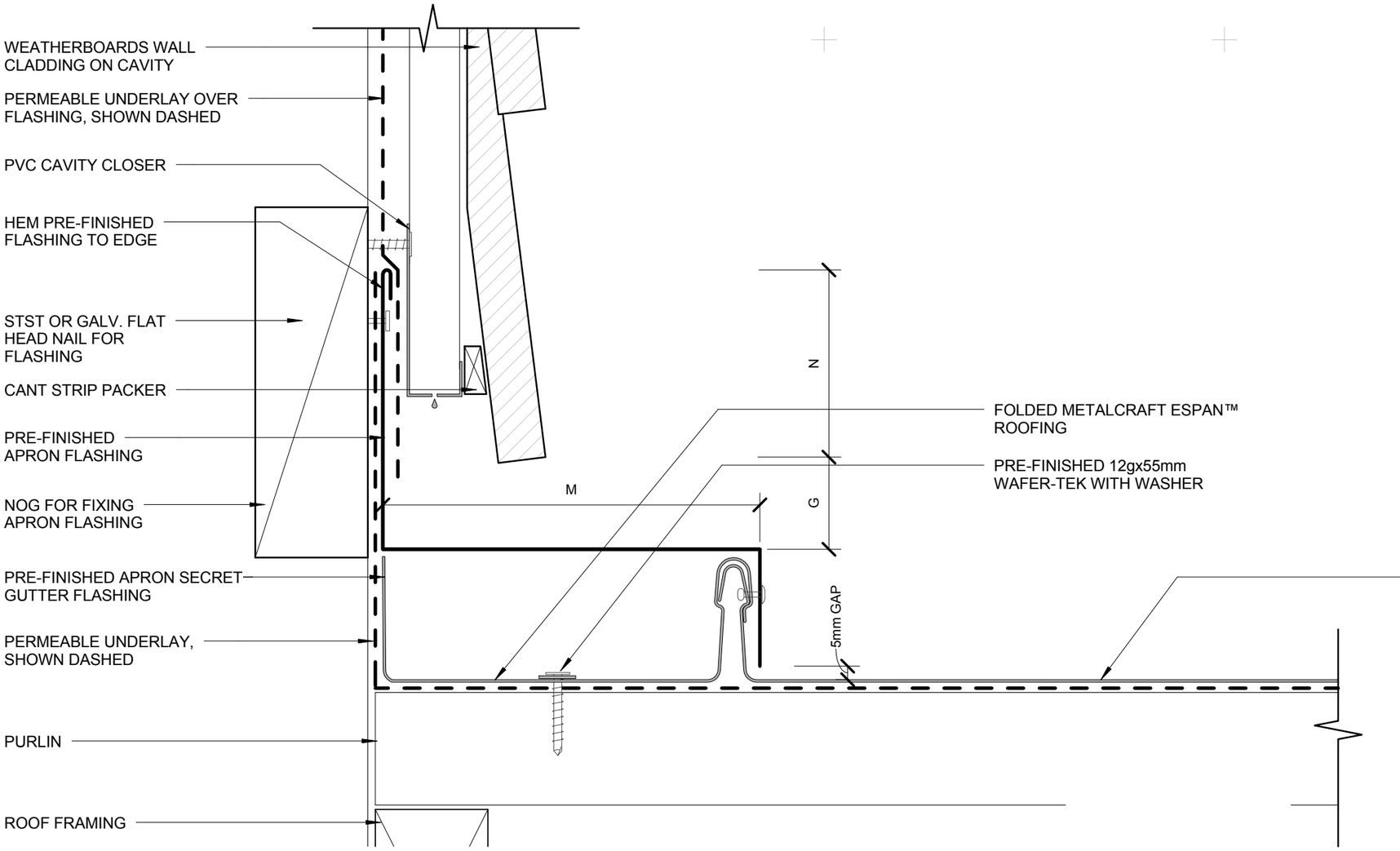
ALTERNATIVE OPTION - B



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

Metalcraft Roofing

TRANSVERSE APRON



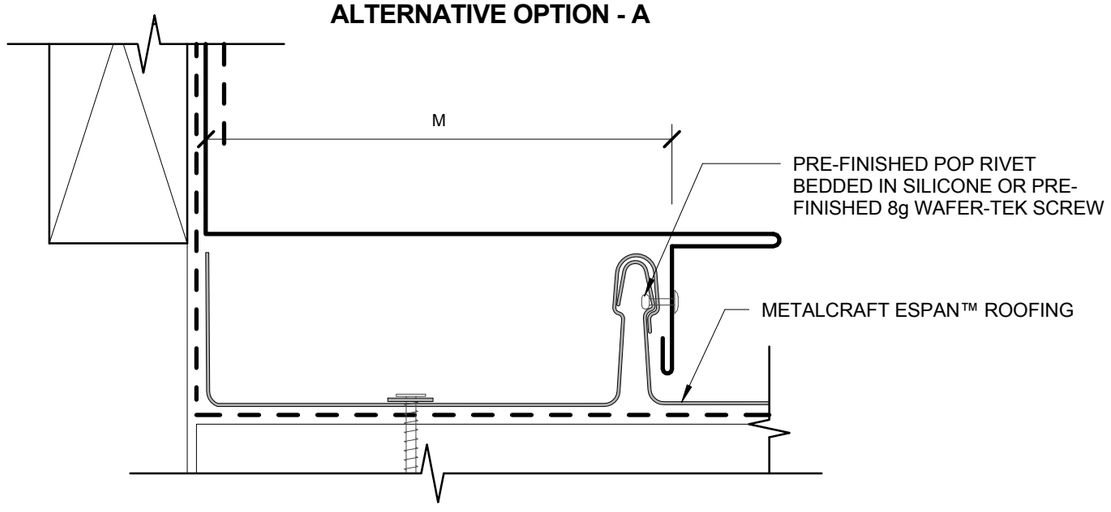
ACCEPTABLE SOLUTION AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH ≥ 10°	1. ALL ROOF PITCHES INVERY HIGH WIND ZONE 2. LOW, MEDIUM, AND HIGH WIND ZONES WHERE ROOF PITCH ≤ 10°	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

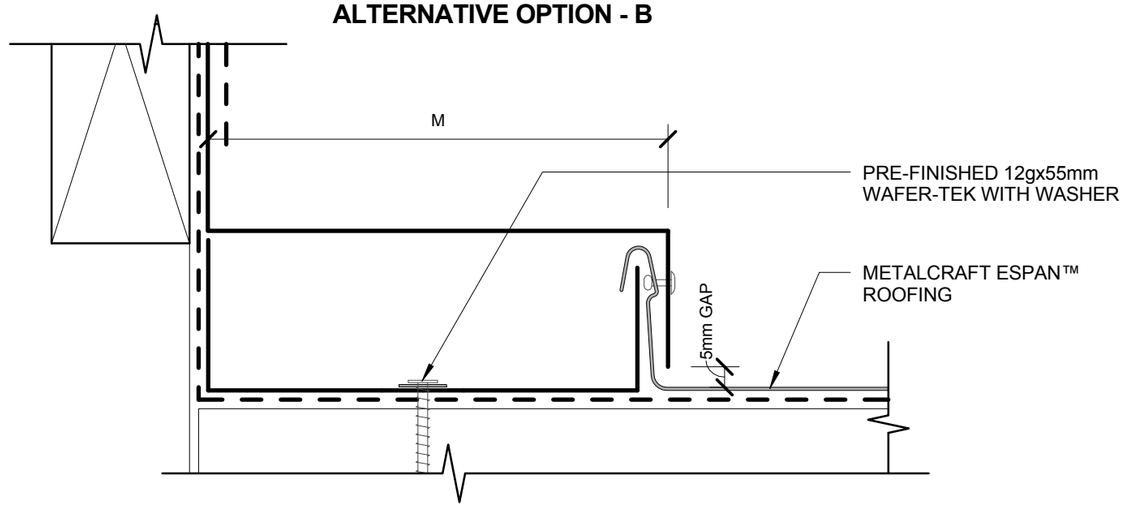
ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE

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

ALTERNATIVE OPTION - A



ALTERNATIVE OPTION - B



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

Metalcraft Roofing

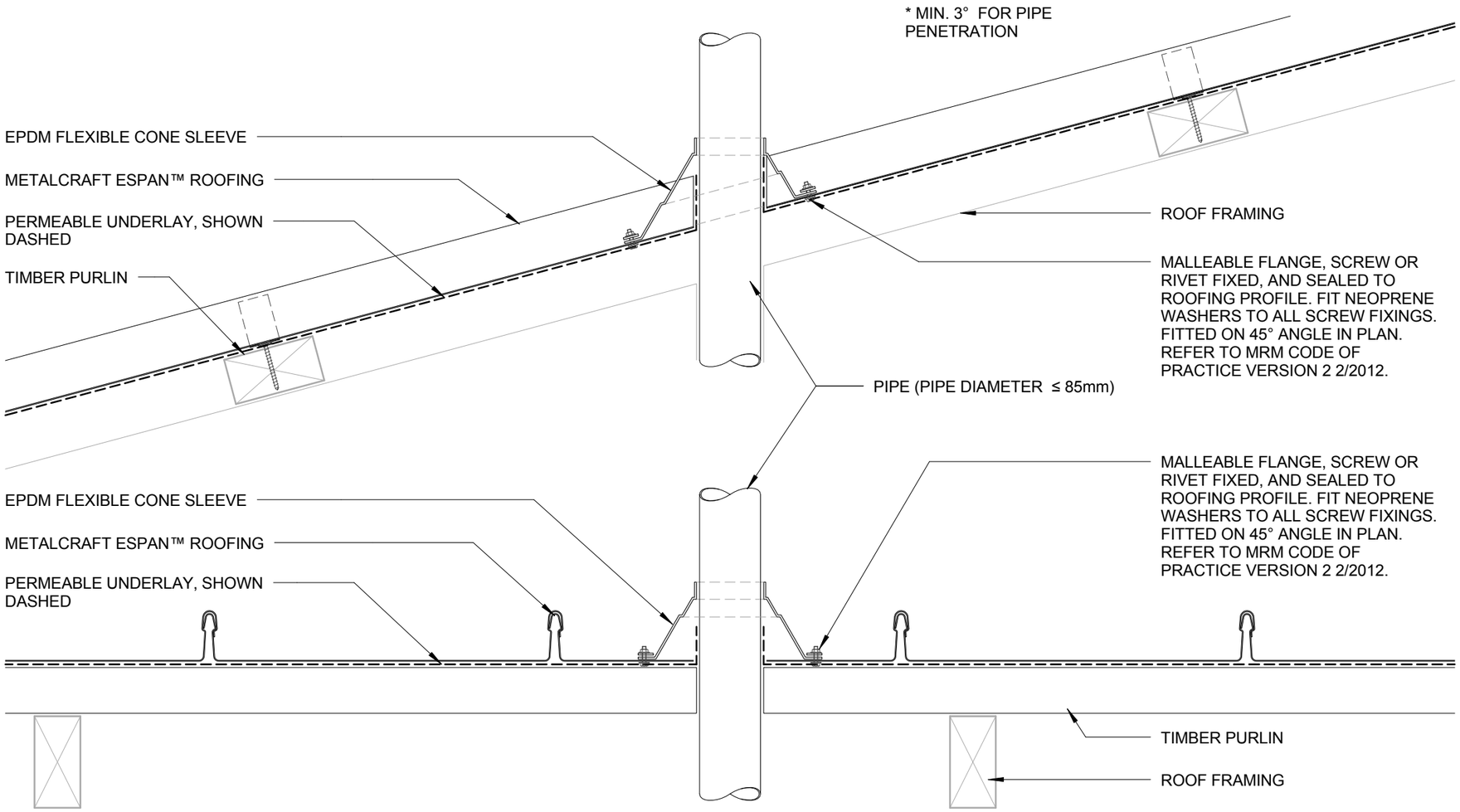
PARALLEL APRON

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0

Reference RREP | Date 2018 | Scale 1 : 2 | Sheet 11 / 20

THIS DETAIL IS APPLIED ONLY WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
- ROOF PITCH MIN.3°and MAX. 45°
- PIPE DIAMETER MAX. 85mm
- ALLOW PIPE PENETRATIONS TO BE SAME AS ROOF PITCH

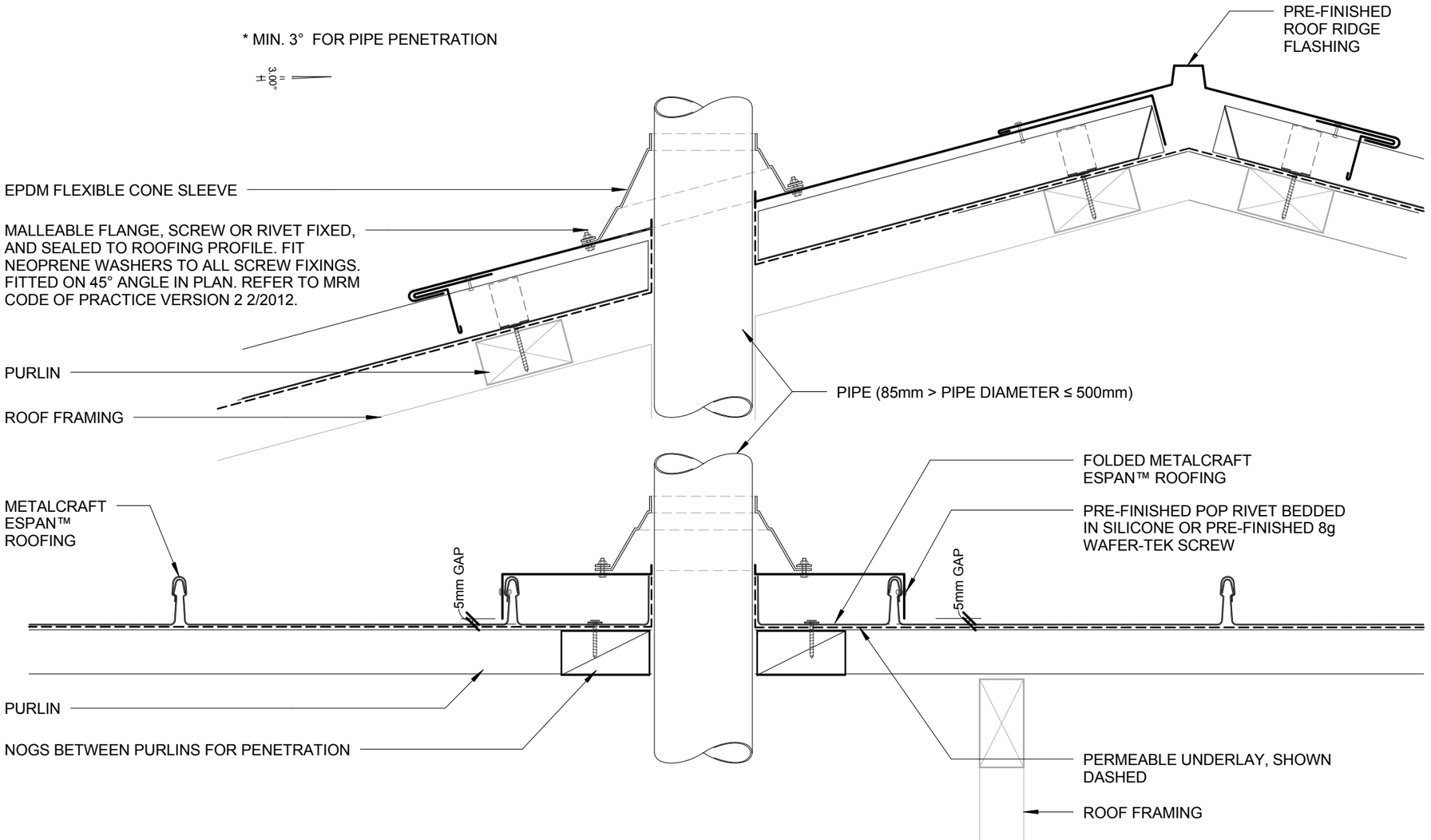


* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

Metalcraft Roofing

MAX. 85mm DIAMETER PIPE PENETRATION

THIS DETAIL IS APPLIED ONLY WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
- ROOF PITCH MIN.3° and MAX 45°
- PIPE DIAMETER MAX 85mm
- ALLOW PIPE PENETRATION TO BE SAME AS ROOF PITCH



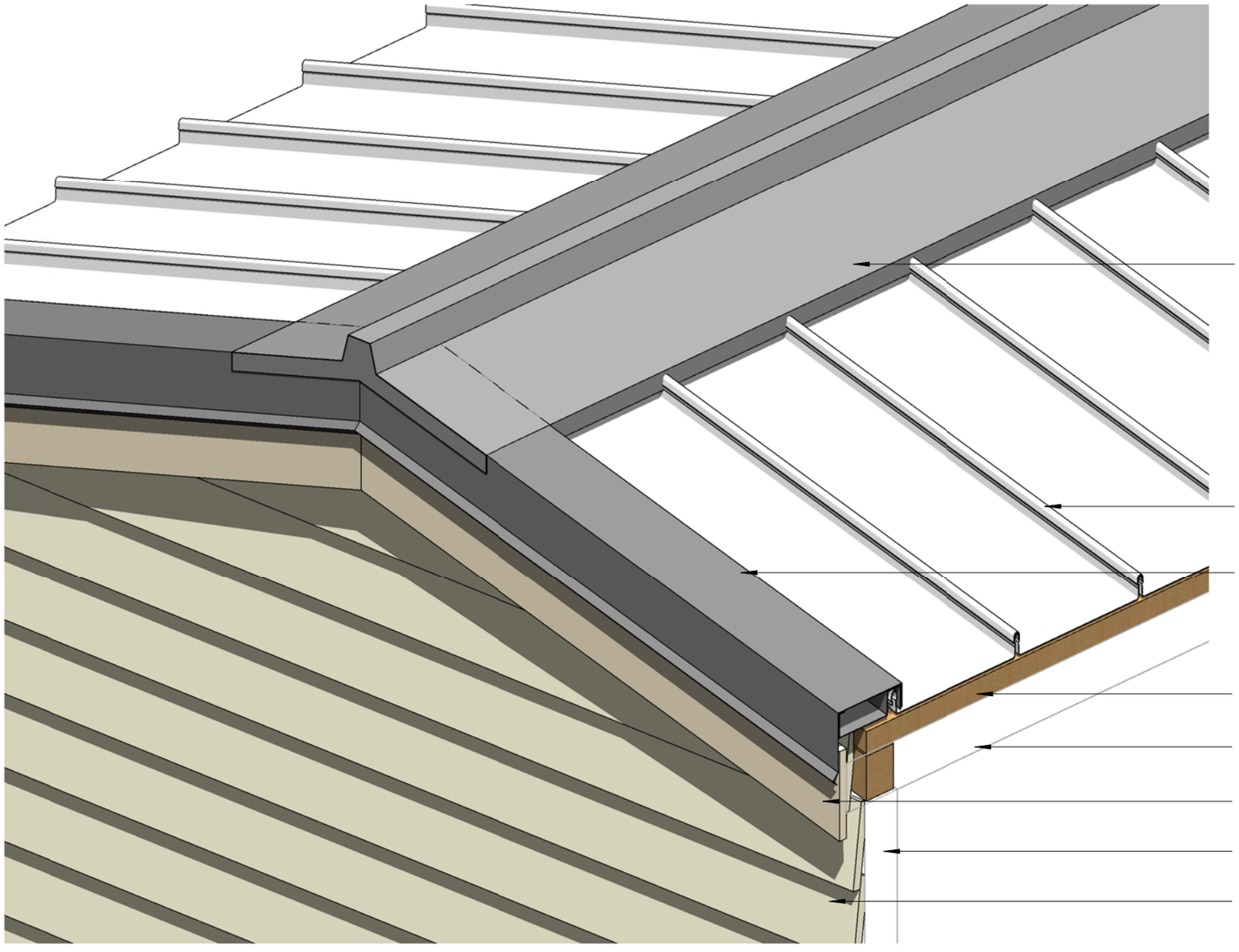
* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

OVER 85mm DIAMETER PIPE PENETRATION

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0
Reference RREP
Date 2018
Scale 1 : 5

* 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.



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

Metalcraft Roofing

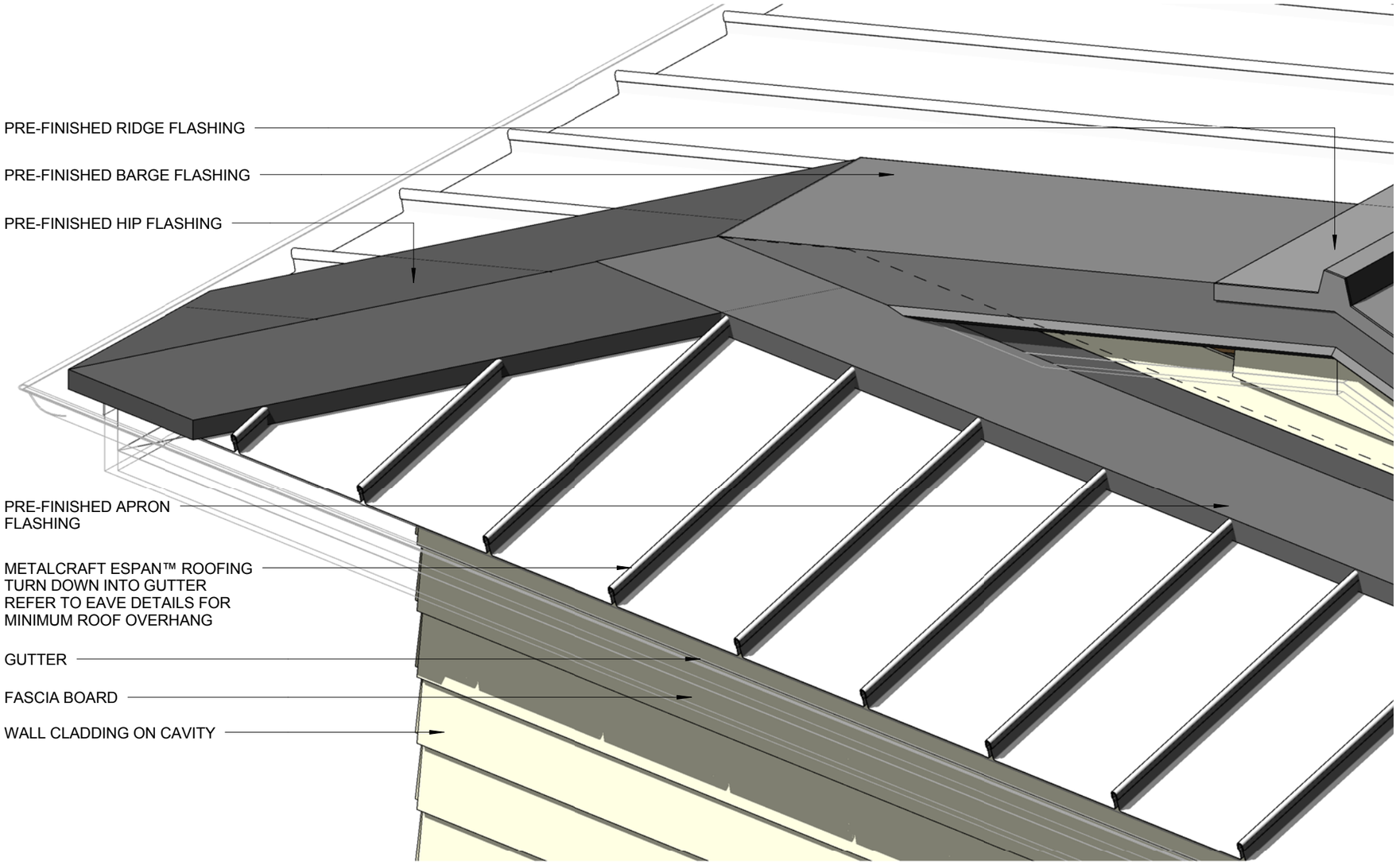
3D RIDGE TO BARGE JUCTION

Espan 340™ / 470™ RESIDENTIAL ROOFING

Rev: R0

Reference RREP Date 2018 Scale Sheet 14 / 20

* 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.



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

Metalcraft Roofing

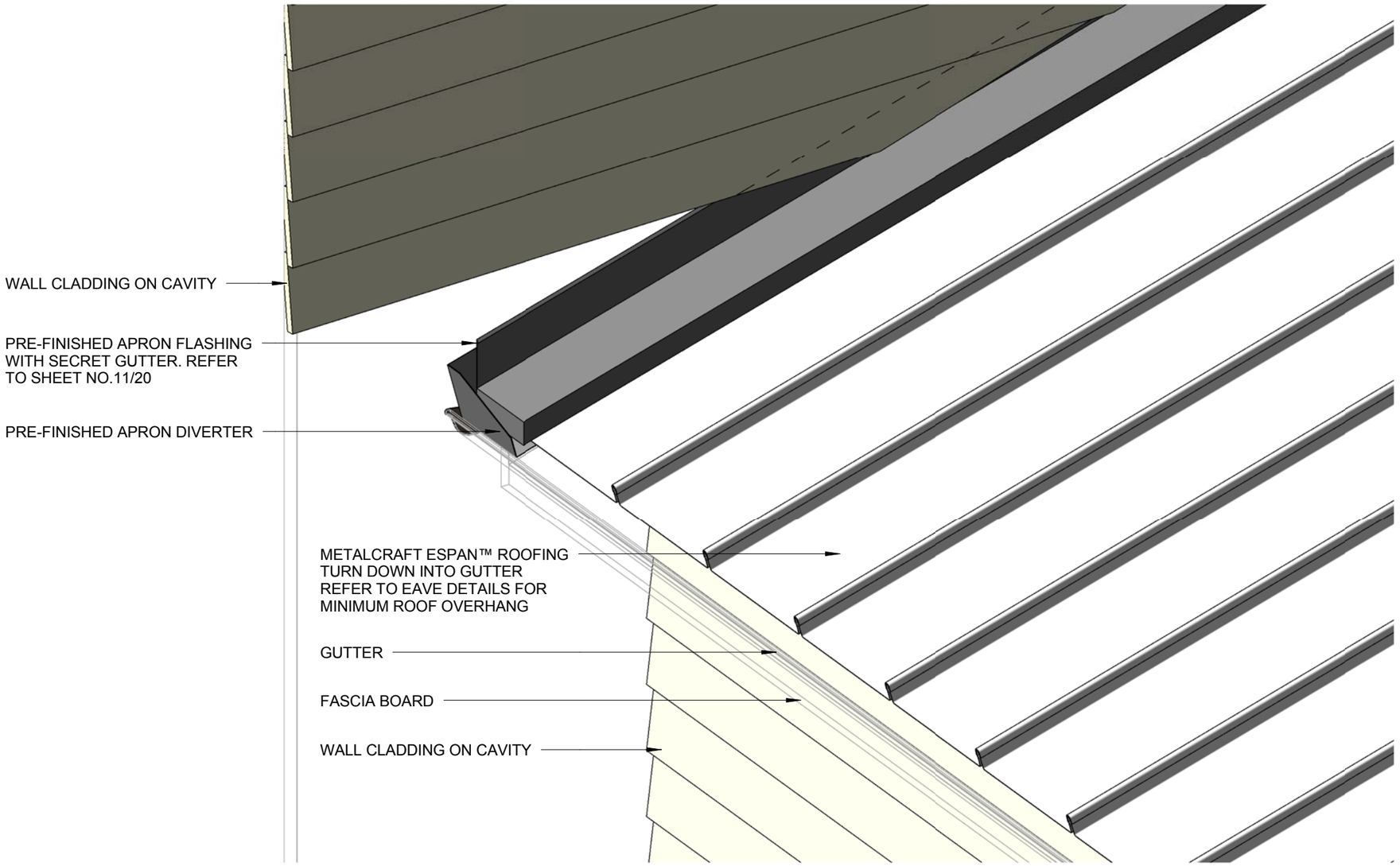
3D DUTCH GABLE

Espan 340™ / 470™ — RESIDENTIAL ROOFING

Rev: R0

Reference RREP | Date 2018 | Scale | Sheet 15 / 20

* 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.



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

Metalcraft Roofing

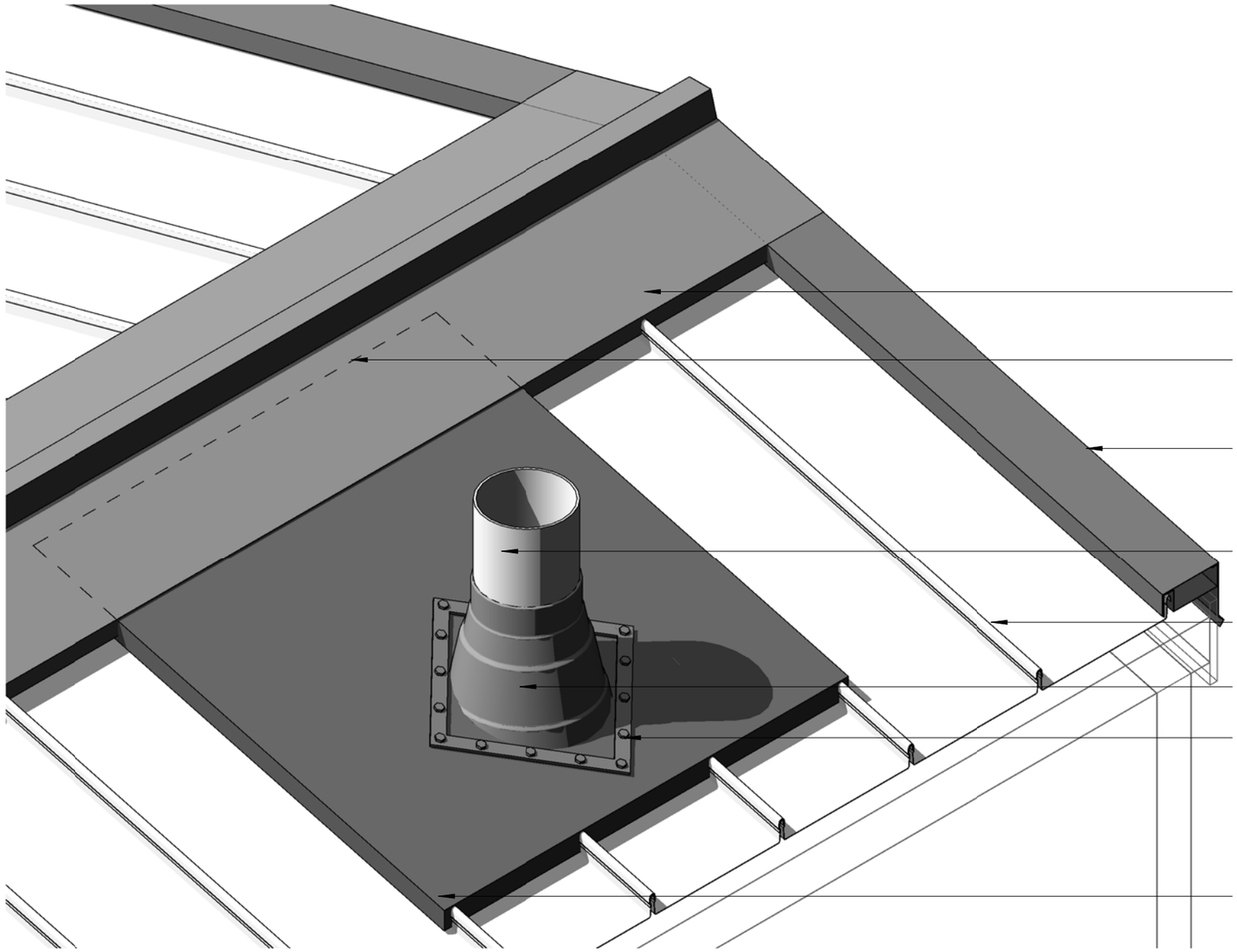
3D APRON

Espan 340™ / 470™ RESIDENTIAL ROOFING

Rev: R0

Reference RREP Date 2018 Scale Sheet 16 / 20

* 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 ROOF RIDGE FLASHING

PRE-FINISHED SOAKER FLASHING UNDER PRE-FINISHED ROOF RIDGE FLASHING

METALCRAFT ESPAN™ ROOFING BARGE FLASHING WITH SECRET GUTTER.

PIPE
(85mm < PIPE DIAMETER ≤ 500mm)

METALCRAFT ESPAN™ 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

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

Metalcraft Roofing

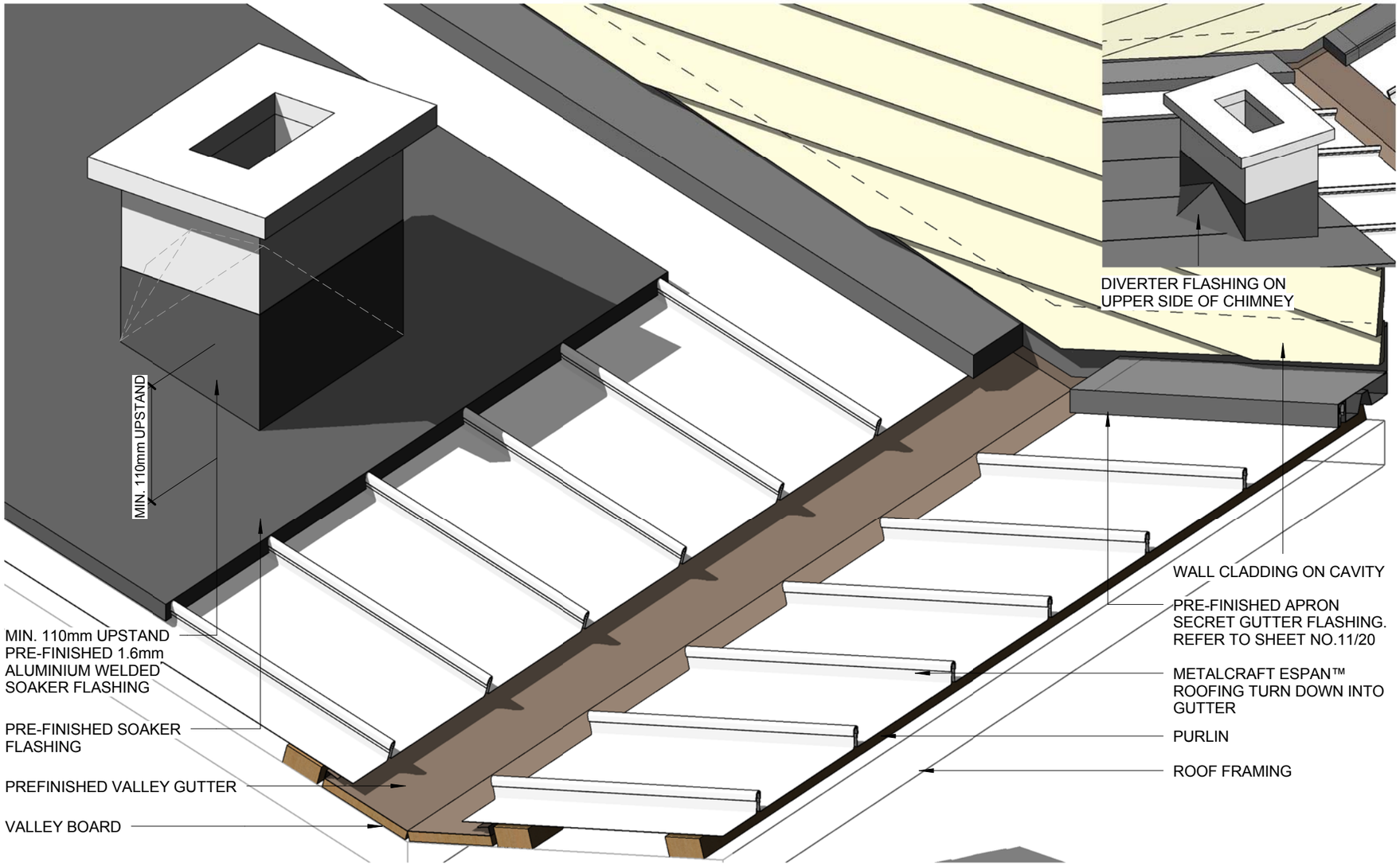
3D OVER 85mm DIAMETER PIPE PENETRATION

Espan 340™ / 470™ RESIDENTIAL ROOFING

Rev: R0

Reference RREP Date 2018 Scale Sheet 17 / 20

* 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.

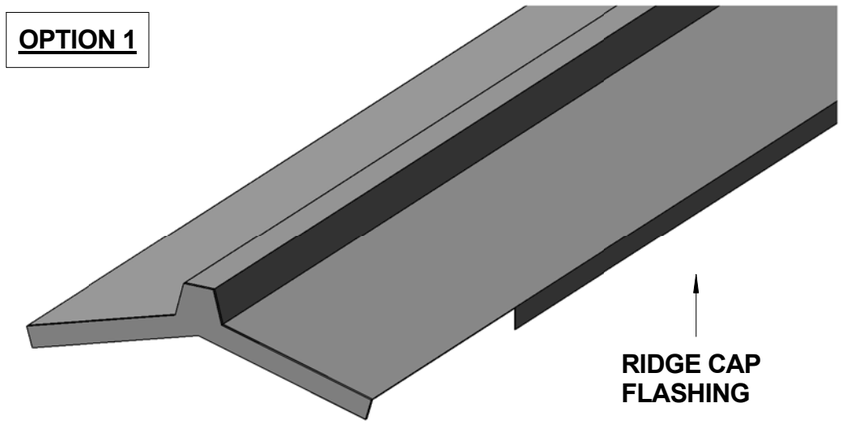


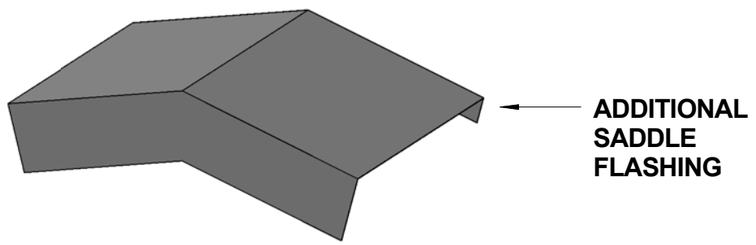
* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

3D CHIMNEY PENETRATION

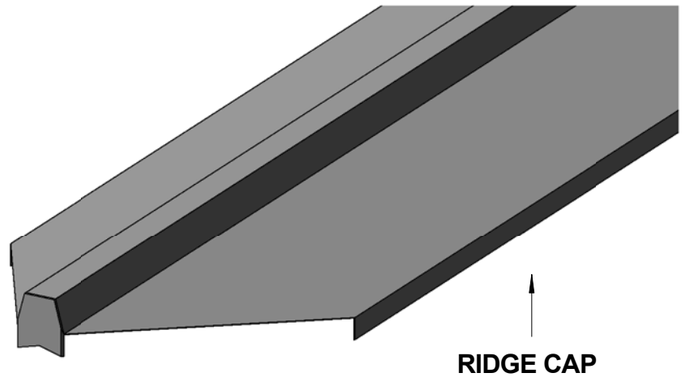
* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

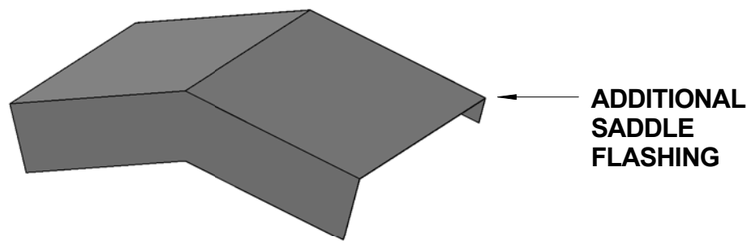
OPTION 1

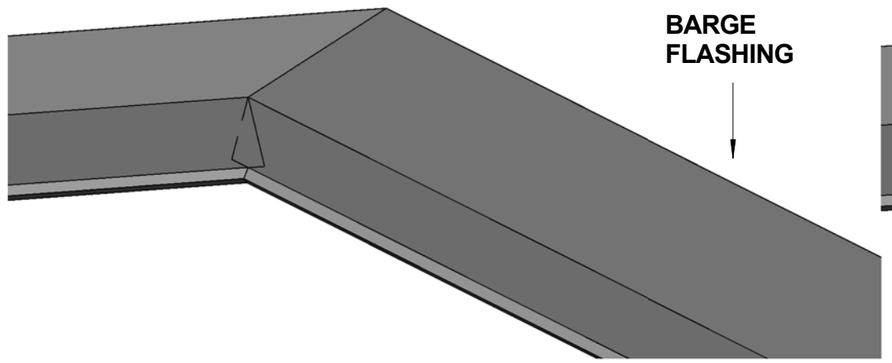


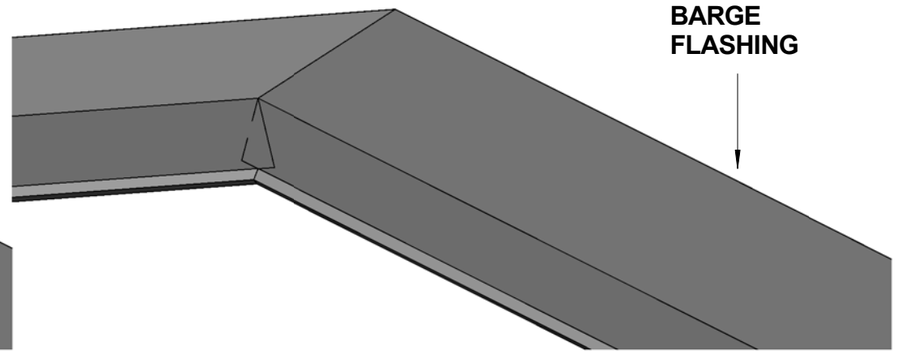


OPTION 2









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

Metalcraft Roofing

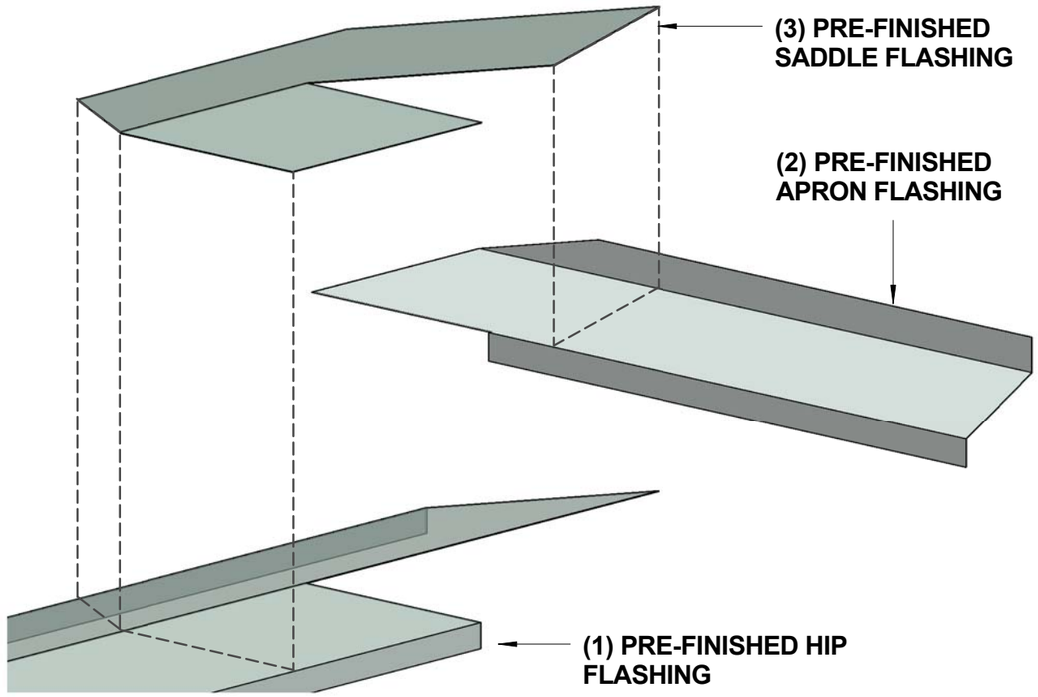
3D RIDGE/BARGE FLASHINGS

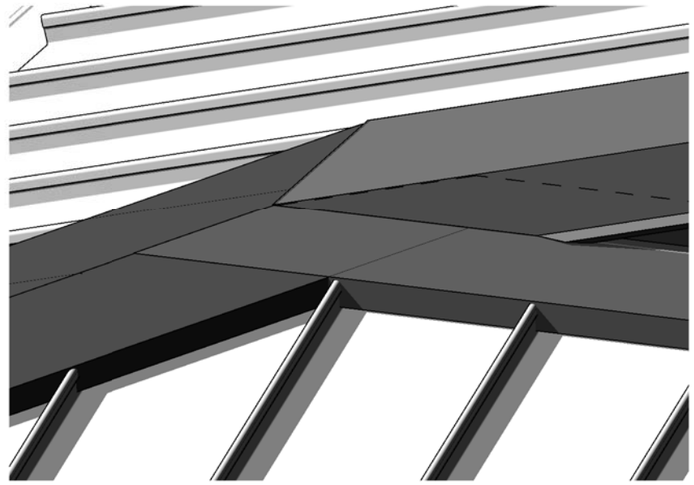
Espan 340™ / 470™ | RESIDENTIAL ROOFING

Rev: R0

Reference RREP | Date 2018 | Scale | Sheet 19 / 20

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





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

3D DUTCH GABLE FLASHINGS

Espan 340™ / 470™ | RESIDENTIAL ROOFING

Rev: R0
Reference RREP | Date 2018 | Scale | Sheet 20 / 20