

Metcom 7

RESIDENTIAL ROOFING

DETAIL LIST

00 / 24	COVER SHEET
01 / 24	ROOF RIDGE
02 / 24	SAWTOOTH RIDGE
03 / 24	SAWTOOTH EAVE
04 / 24	ROOF VALLEY
05 / 24	ROOF - CHANGE PITCH
06 / 24	EAVE WITH METALLINE FASCIA
07 / 24	EAVE WITH INTERNAL GUTTER BRACKET
08 / 24	EAVE WITH SNOW STRAP
09 / 24	FLUSH EAVE WITH INTERNAL GUTTER BRACKET
10 / 24	FLUSH EAVE WITH EXTERNAL GUTTER BRACKET
11 / 24	BARGE WITH PROFILED CLADDING
12 / 24	BARGE OVERHANG
13 / 24	PARAPET WITH TRANSVERSE APRON
14 / 24	TRANSVERSE APRON
15 / 24	PARALLEL APRON
16 / 24	MAX. 85mm DIAMETER PIPE PENETRATION
17 / 24	OVER 85mm DIAMETER PIPE PENETRATION
18 / 24	3D-RIDGE TO BARGE JUCTION
19 / 24	3D-DUTCH GABLE
20 / 24	3D-APRON
21 / 24	3D-OVER 85mm DIAMETER PIPE PENETRATION
22 / 24	3D-CHIMNEY PENETRATION
23 / 24	3D-RIDGE/BARGE FLASHINGS
24 / 24	3D-DUTCH GABLE FLASHINGS

RRMCM7

0800 ROOFNZ (0800 766 369)
www.metalcraftroofing.co.nz

Architectural / Specification Enquiries

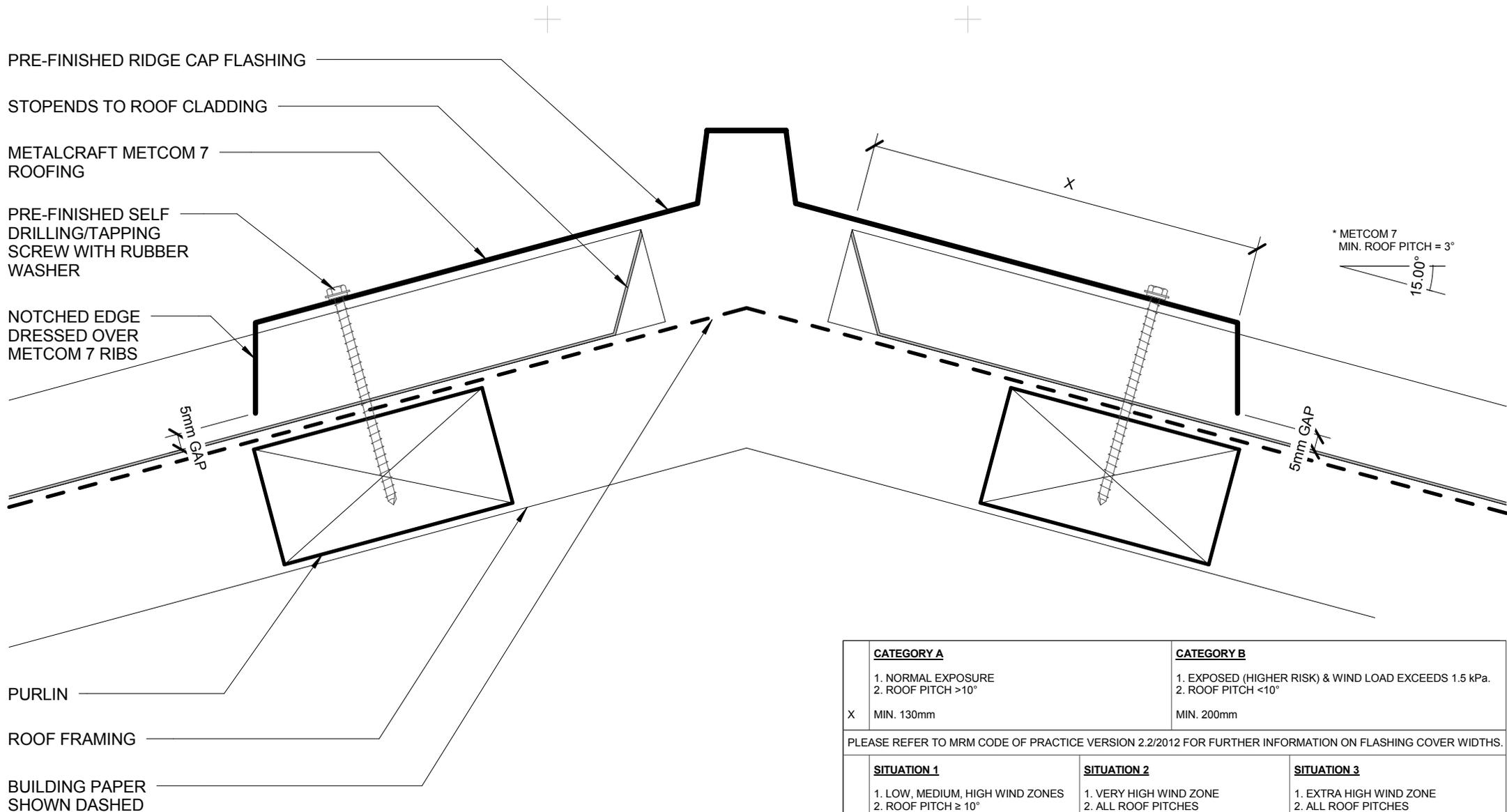
Ph: 09 274 0408

Mobile: 027 603 1096

Email: Frances.charles@unitedindustries.co.nz



Metalcraft
Roofing



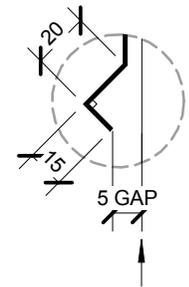
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	CATEGORY A 1. NORMAL EXPOSURE 2. ROOF PITCH >10° X MIN. 130mm	CATEGORY B 1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10° X MIN. 200mm	
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.			
	SITUATION 1 1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10° X MIN. 130mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	SITUATION 2 1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES X MIN. 200mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	SITUATION 3 1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES X MIN. 200mm
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.			

PRE-FINISHED SAWTOOTH
RIDGE CAP FLASHING



ALTERNATIVE OPTION
BIRDS BEAK EDGE

HEMMED EDGE

PRE-FINISHED 8g WAFER-
TEK SCREW BEDDED IN
SILICONE

TIMBER PACKER

FASCIA BOARD

TIMBER PACKER

WEATHERBOARDS ON CAVITY

BUILDING PAPER SHOWN DASHED

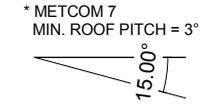
ROOF OR WALL FRAMING

Z

X

PURLIN

5mm GAP



STOPENDS TO ROOF CLADDING

METALCRAFT METCOM 7 ROOFING

NOTCHED EDGE DRESSED OVER
METCOM 7 RIBS

PRE-FINISHED SELF
DRILLING/TAPPING SCREW WITH
RUBBER WASHER

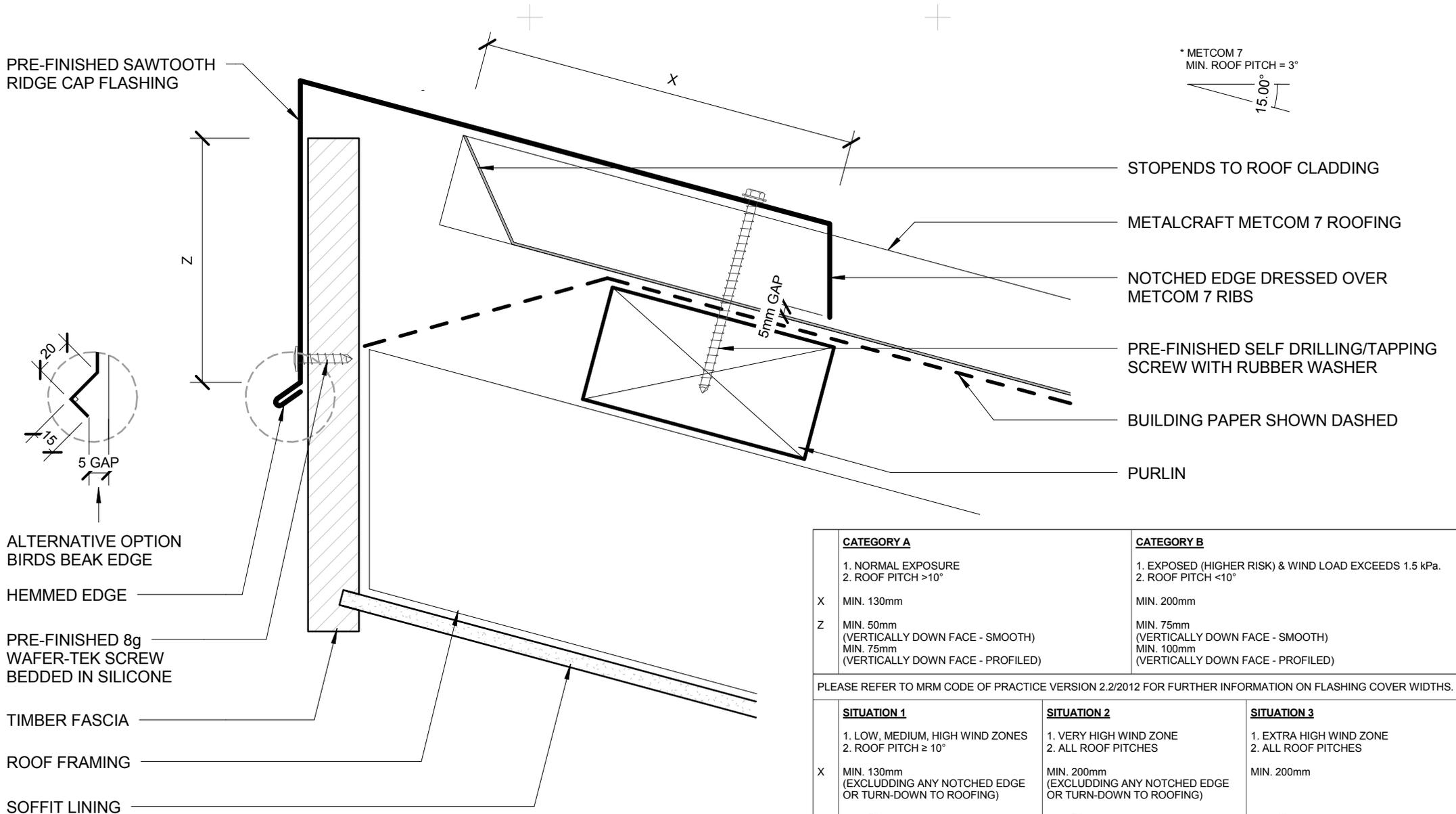
BUILDING PAPER SHOWN
DASHED

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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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 (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING 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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* METCOM 7
MIN. ROOF PITCH = 3°
15.00°

ALTERNATIVE OPTION
BIRDS BEAK EDGE

HEMMED EDGE

PRE-FINISHED 8g
WAFER-TEK SCREW
BEDDED IN SILICONE

TIMBER FASCIA

ROOF FRAMING

SOFFIT LINING

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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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 (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)		MIN. 200mm	
Z	MIN. 50mm	MIN. 70mm		MIN. 90mm	
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METALCRAFT METCOM 7 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

PURLIN

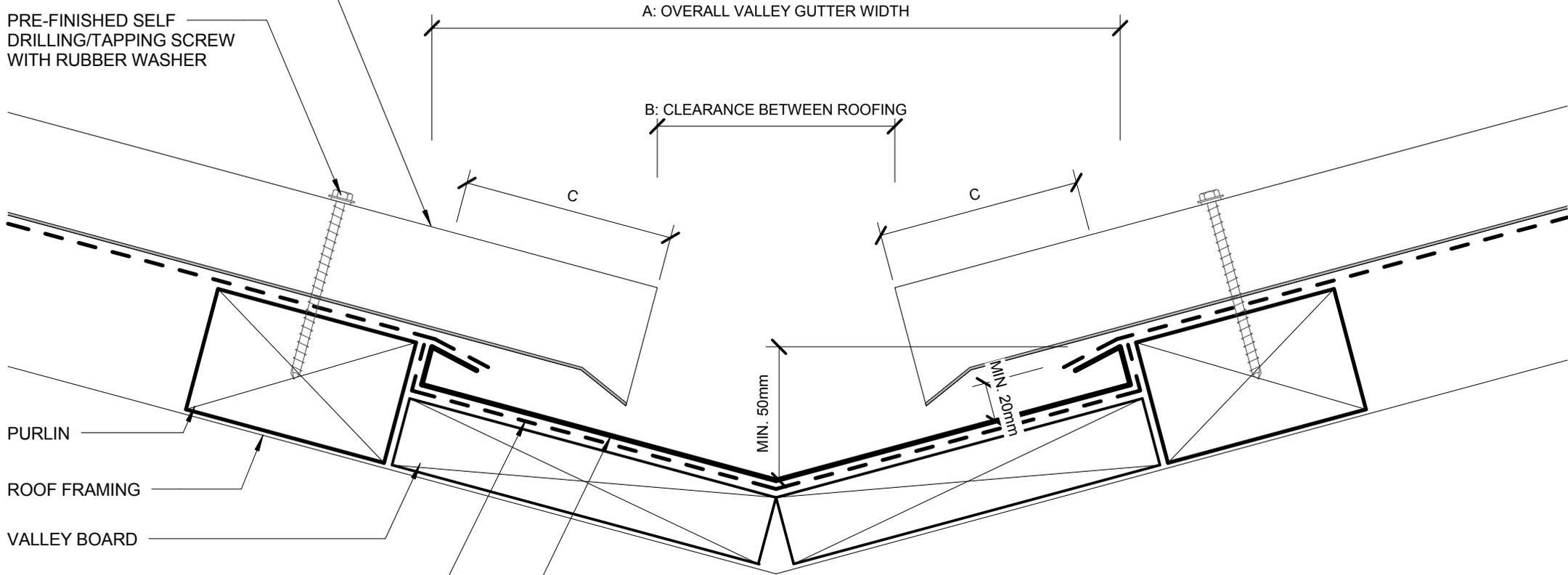
ROOF FRAMING

VALLEY BOARD

BUILDING PAPER CONTINUOUS UNDER GUTTER IF COPPER BASED TREATMENTS ARE USED. SHOWN DASHED

PREFINISHED VALLEY GUTTER

* ROOF PITCH FOR VALLEYS AS PER E2.



	<u>SITUATION 1</u>	<u>SITUATION 2</u>
	MAX. CATCHMENT 25m ² MIN. ROOF PITCH 8°	MAX. CATCHMENT 16m ² MIN. ROOF PITCH 12.5°
A	MIN. 250mm	160mm - 249mm
B	MIN. 50mm	MIN. 40mm
C	MIN. 80mm	MIN. 60mm
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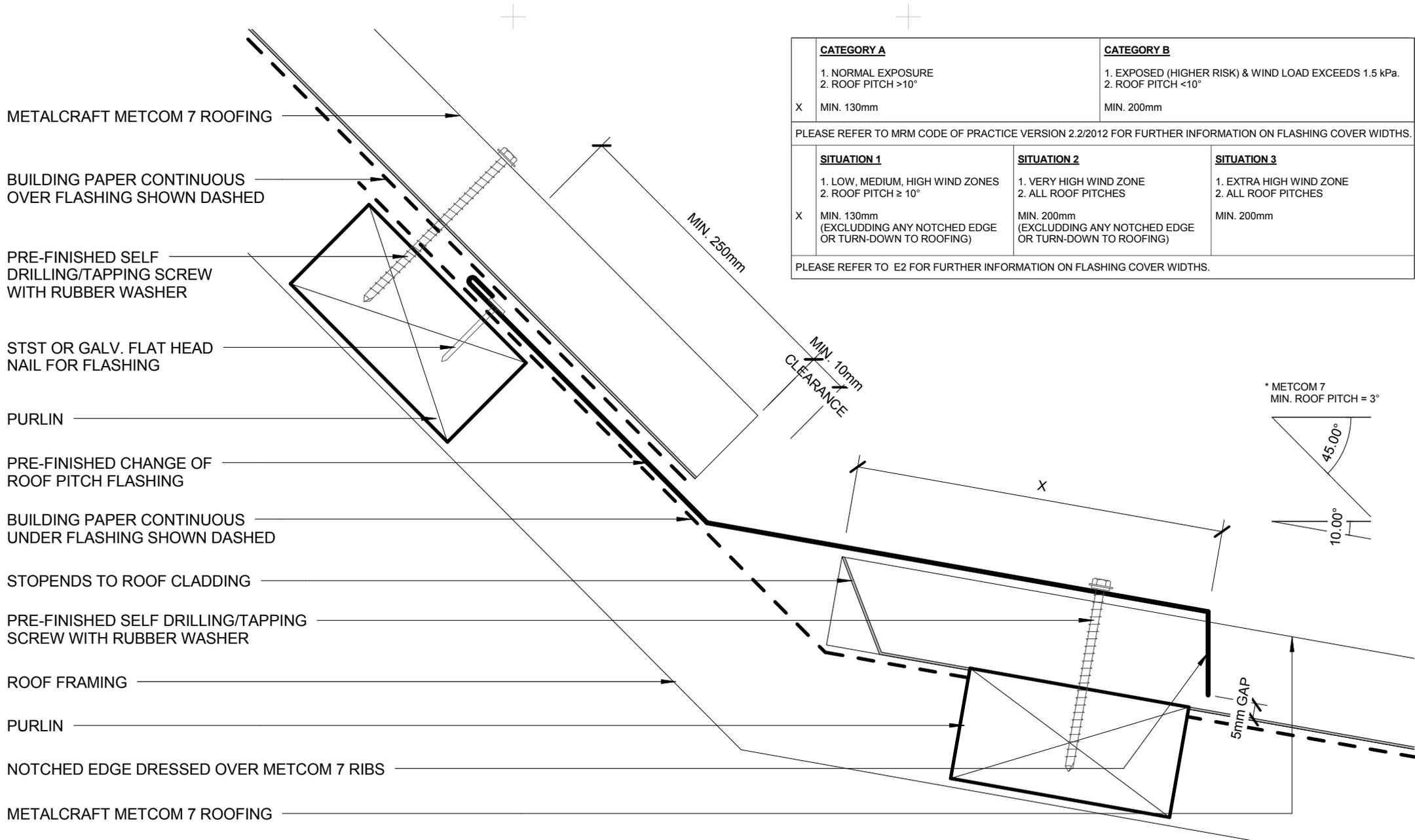
Date 2014

Scale 1 : 2

Sheet

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**ROOF VALLEY
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 (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING 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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MIN. ROOF PITCH = 3°

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ROOF - CHANGE PITCH
RESIDENTIAL ROOFING

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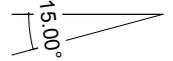
Scale 1 : 2

Sheet

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EAVE FLASHING REQUIRED WHEN
 - ROOF PITCH $\leq 10^\circ$, OR
 - SOFFIT WIDTH $\leq 100\text{mm}$, OR
 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR
 - ENGINEER SPECIFIC DESIGN

* METCOM 7
 MIN. ROOF PITCH = 3°



METALCRAFT METCOM 7 ROOFING

BUILDING PAPER SHOWN DASHED

METALLINE™ QUAD GUTTER

METALLINE™ QUAD GUTTER
 OVERSTRAP

SPRING CLIP

METALLINE™ FASCIA

FASCIA BRACKET

MIN. 50mm
 OR AS REQUIRED

MIN. 125 mm

MIN. 35mm
 OVERLAP

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

STST OR GALV. FLAT HEAD NAIL
 FOR FLASHING

PRE-FINISHED SELF DRILLING/TAPPING
 SCREW WITH RUBBER WASHER

TIMBER ROOF FRAMING

SOFFIT LINING

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EAVE WITH METALLINE FASCIA
 RESIDENTIAL ROOFING

Metcom 7

Reference RRMCM7

Date 2014

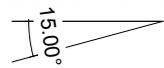
Scale 1 : 2

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 - SOFFIT WIDTH $\leq 100\text{mm}$, OR
 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR
 - ENGINEER SPECIFIC DESIGN

* METCOM 7
 MIN. ROOF PITCH = 3°



METALCRAFT METCOM 7 ROOFING

BUILDING PAPER SHOWN DASHED

METALLINE™ QUAD GUTTER

METALLINE™ QUAD GUTTER
 INTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK
 SCREW

TIMBER FASCIA

MIN. 50mm
 OR AS REQUIRED

MIN. 125 mm

MIN. 35mm
 OVERLAP

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

STST OR GALV. FLAT HEAD NAIL
 FOR FLASHING

PRE-FINISHED SELF DRILLING/TAPPING
 SCREW WITH RUBBER WASHER

TIMBER ROOF FRAMING

SOFFIT LINING

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EAVE WITH INTERNAL GUTTER BRACKET RESIDENTIAL ROOFING

Metcom 7

Reference RRMCM7

Date 2014

Scale 1 : 2

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 - ENGINEER SPECIFIC DESIGN

* METCOM 7
 MIN. ROOF PITCH = 3°



MIN. 50mm
 OR AS REQUIRED

MIN. 125 mm

METALCRAFT METCOM 7 ROOFING

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

SNOW STRAP AS REQUIRED

METALLINE™ QUAD GUTTER

METALLINE™ QUAD GUTTER
 INTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK
 SCREW

TIMBER FASCIA

MIN. 35mm
 OVERLAP

BUILDING PAPER SHOWN
 DASHED

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

STST OR GALV. FLAT HEAD NAIL FOR
 FLASHING

PRE-FINISHED SELF DRILLING/TAPPING
 SCREW WITH RUBBER WASHER

TIMBER ROOF FRAMING

SOFFIT LINING

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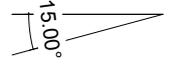
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EAVE WITH SNOW STRAP RESIDENTIAL ROOFING

EAVE FLASHING REQUIRED WHEN
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 - SOFFIT WIDTH $\leq 100\text{mm}$, OR
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 - ENGINEER SPECIFIC DESIGN

* METCOM 7
 MIN. ROOF PITCH = 3°



METALCRAFT METCOM 7 ROOFING

BUILDING PAPER SHOWN DASHED

QUARTER ROUND GUTTER

QUARTER ROUND GUTTER
 INTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK
 SCREW

FASCIA BOARD

TIMBER PACKER

WEATHERBOARDS ON CAVITY

MIN. 50mm
 OR AS REQUIRED

MIN. 125 mm

MIN. 35mm
 OVERLAP

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

STST OR GALV. FLAT HEAD NAIL FOR
 FLASHING

PRE-FINISHED SELF DRILLING/TAPPING
 SCREW WITH RUBBER WASHER

TIMBER PACKER

BUILDING PAPER SHOWN DASHED

ROOF FRAMING

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FLUSH EAVE WITH INTERNAL GUTTER BRACKET

RESIDENTIAL ROOFING



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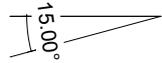
Scale 1 : 2

Sheet

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 MIN. ROOF PITCH = 3°



METALCRAFT METCOM 7 ROOFING

BUILDING PAPER SHOWN DASHED

QUARTER ROUND GUTTER

QUARTER ROUND GUTTER
 EXTERNAL BRACKET

PRE-FINISHED 8g WAFER-TEK
 SCREW

FASCIA BOARD

TIMBER PACKER

WEATHERBOARDS ON CAVITY

MIN. 50mm
 OR AS REQUIRED

MIN. 125 mm

MIN. 35mm
 OVERLAP

PRE-FINISHED EAVE FLASHING

TIMBER PURLIN

STST OR GALV. FLAT HEAD NAIL FOR
 FLASHING

PRE-FINISHED SELF DRILLING/TAPPING
 SCREW WITH RUBBER WASHER

TIMBER PACKER

BUILDING PAPER SHOWN DASHED

ROOF FRAMING

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FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

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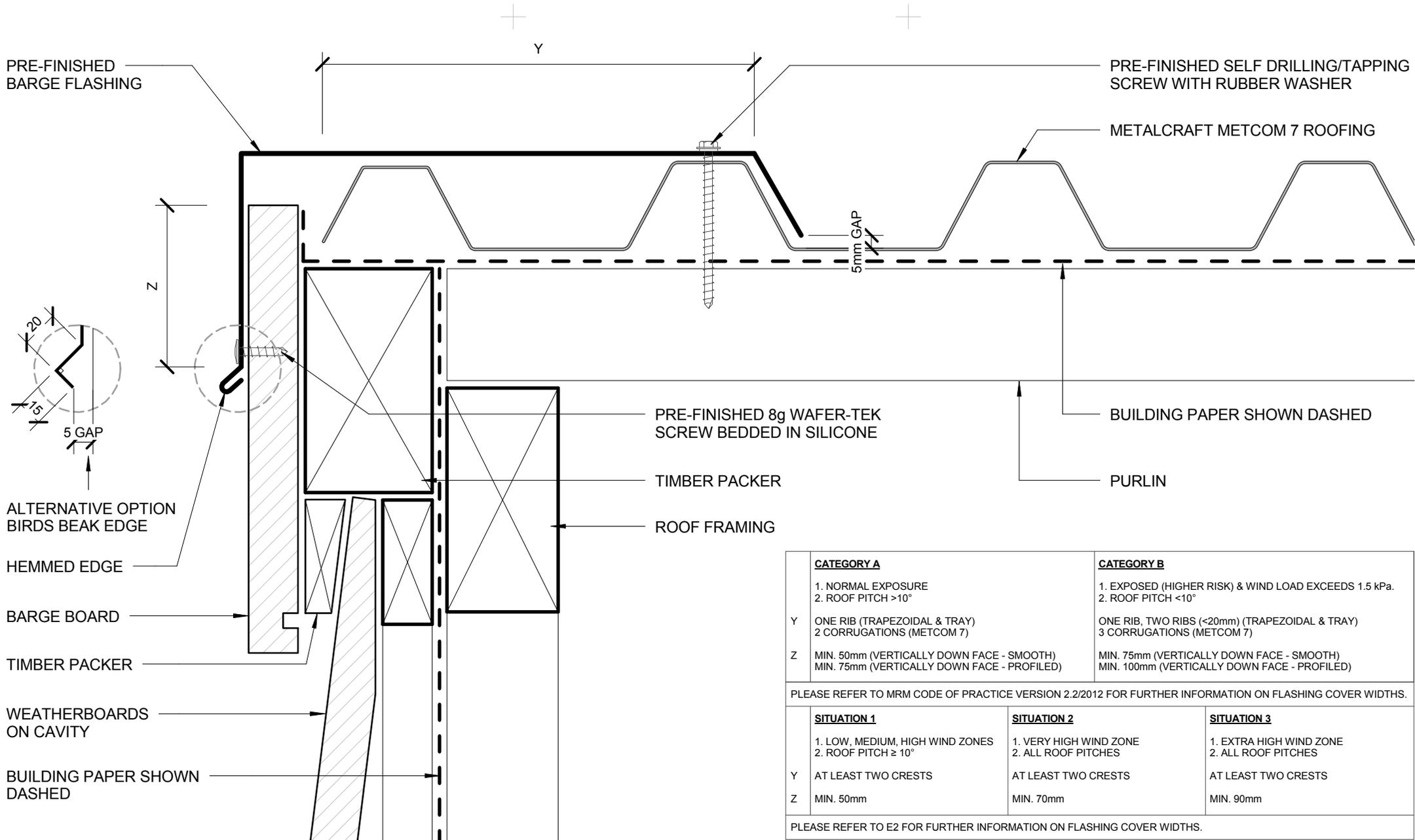
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Date 2014

Scale 1 : 2

Sheet

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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 (METCOM 7)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (METCOM 7)
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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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
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BARGE WITH PROFILED CLADDING

RESIDENTIAL ROOFING

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Reference RRMCM7

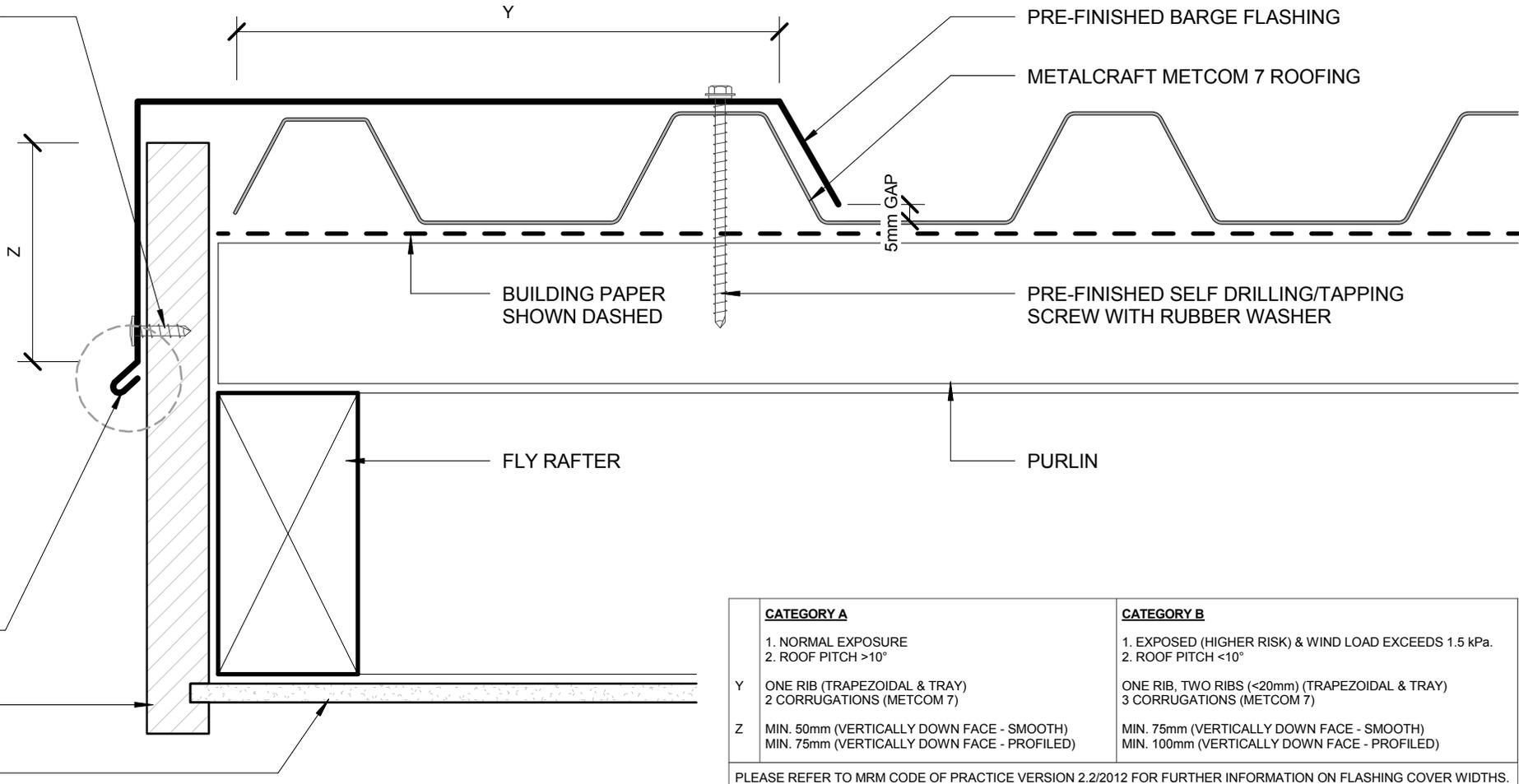
Date 2014

Scale 1 : 2

Sheet

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PRE-FINISHED 8g
WAFER-TEK SCREW
BEDDED IN SILICONE



ALTERNATIVE OPTION
BIRDS BEAK EDGE

HEMMED EDGE

BARGE BOARD

SOFFIT LINING

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 (METCOM 7)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (METCOM 7)
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
Z	MIN. 50mm	MIN. 90mm
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.		

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PRE-FINISHED PARAPET
CAP FLASHING

TIMBER PACKER

PRE-FINISHED 8g
WAFER-TEK SCREW
BEDDED IN
SILICONE

STST OR GALV.
FLAT HEAD NAIL
FOR FLASHING

PRE-FINISHED SELF
DRILLING / TAPPING
SCREW WITH
RUBBER WASHER

BARGE BOARD

TIMBER PACKER

WEATHERBOARDS
ON CAVITY

BUILDING PAPER SHOWN
DASHED

WALL FRAMING

MIN. 5.00°

BUILDING PAPER TO PROVIDE
SEPARATION OF METAL CAPPING
AND TIMBER SHOWN DASHED

CONTINUOUS TIMBER PACKING

TIMBER NOG FOR FIXING
APRON FLASHING

STOPENDS TO ROOF
CLADDING

TIMBER PURLIN

ROOF FRAMING

CATEGORY A

1. NORMAL EXPOSURE
 2. ROOF PITCH >10°
- G 25mm
- N MIN. 50mm + HEM_QR 75mm
(VERTICALLY UP FACE - SMOOTH)
MIN. 75mm + HEM_QR 100mm
(VERTICALLY UP FACE - PROFILED)
- L MIN. 150mm
- Z MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH)
MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)

CATEGORY B

1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa.
 2. ROOF PITCH <10°
- 25mm
- MIN. 75mm + HEM_QR 100mm
(VERTICALLY UP FACE - SMOOTH)
MIN. 100mm + HEM_QR 125mm
(VERTICALLY UP FACE - PROFILED)
- MIN. 200mm
- 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

1. LOW, MEDIUM, HIGH WIND ZONES
 2. ROOF PITCH ≥ 10°
- G MIN. 35mm
- N MIN. 75mm
- L MIN. 130mm
(EXCLUDING ANY NOTCHED EDGE
OR TURN-DOWN TO ROOFING)
- Z MIN. 50mm

SITUATION 2

1. VERY HIGH WIND ZONE
 2. ALL ROOF PITCHES
- MIN. 35mm
- MIN. 75mm
- MIN. 200mm
(EXCLUDING ANY NOTCHED EDGE
OR TURN-DOWN TO ROOFING)
- MIN. 70mm

SITUATION 3

1. EXTRA HIGH WIND ZONE
 2. ALL ROOF PITCHES
- MIN. 35mm
- MIN. 75mm
- MIN. 200mm
- MIN. 90mm

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

* METCOM 7
MIN. ROOF PITCH = 3°

15.00°

PRE-FINISHED APRON FLASHING

NOTCHED EDGE DRESSED OVER
METCOM 7 RIBS

METALCRAFT METCOM 7 ROOFING

PRE-FINISHED SELF
DRILLING/TAPPING SCREW
WITH RUBBER WASHER

BUILDING PAPER SHOWN DASHED

- 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.

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single line for simplicity and is indicative only. Building paper type and method of installation should comply
with underlay manufacturers recommendations and NZBC regulations.

PARAPET WITH TRANSVERSE APRON
RESIDENTIAL ROOFING

Metcom 7

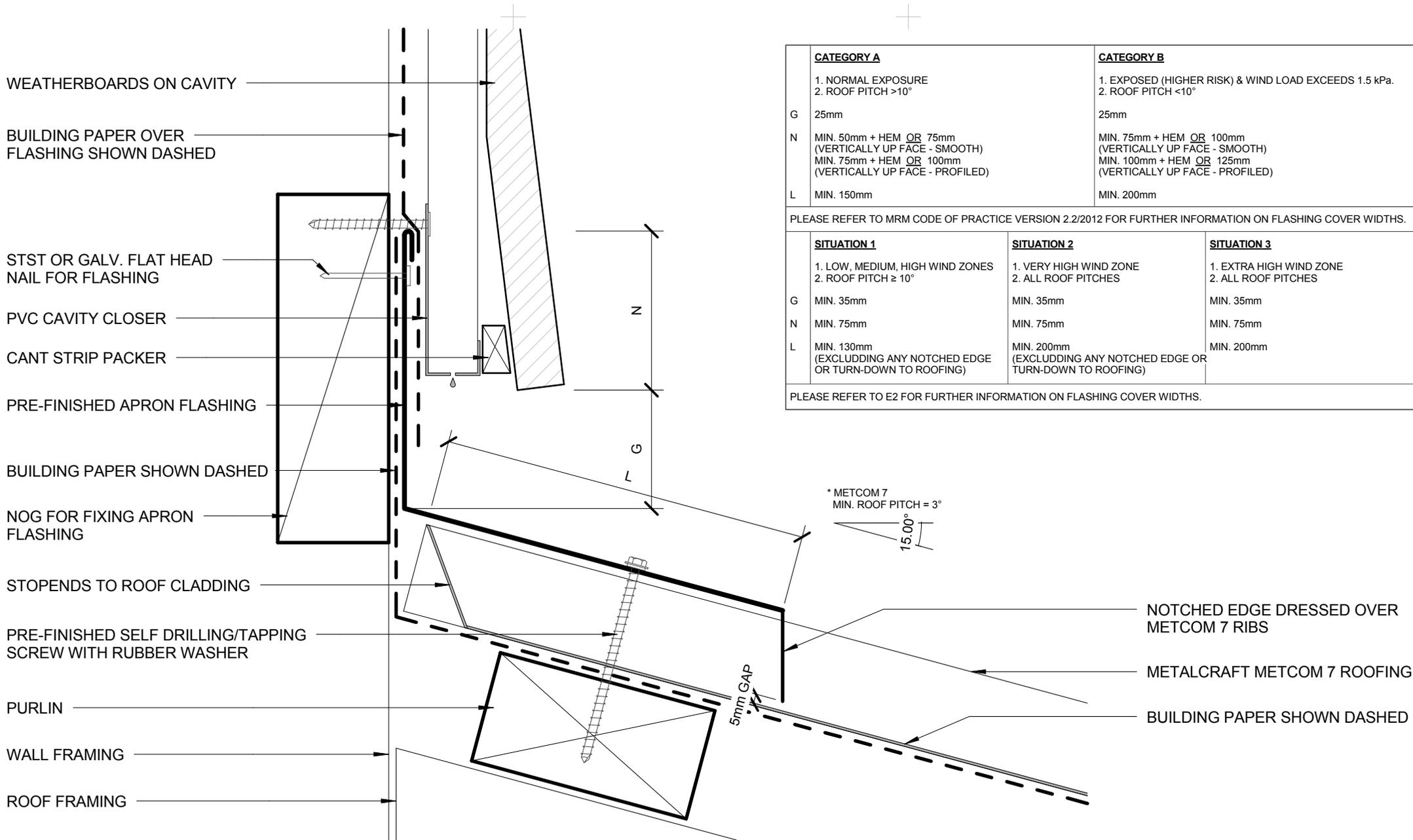
Reference RRMCM7

Date 2014

Scale 1 : 2

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	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 (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING 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.

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TRANSVERSE APRON RESIDENTIAL ROOFING



Metcom 7

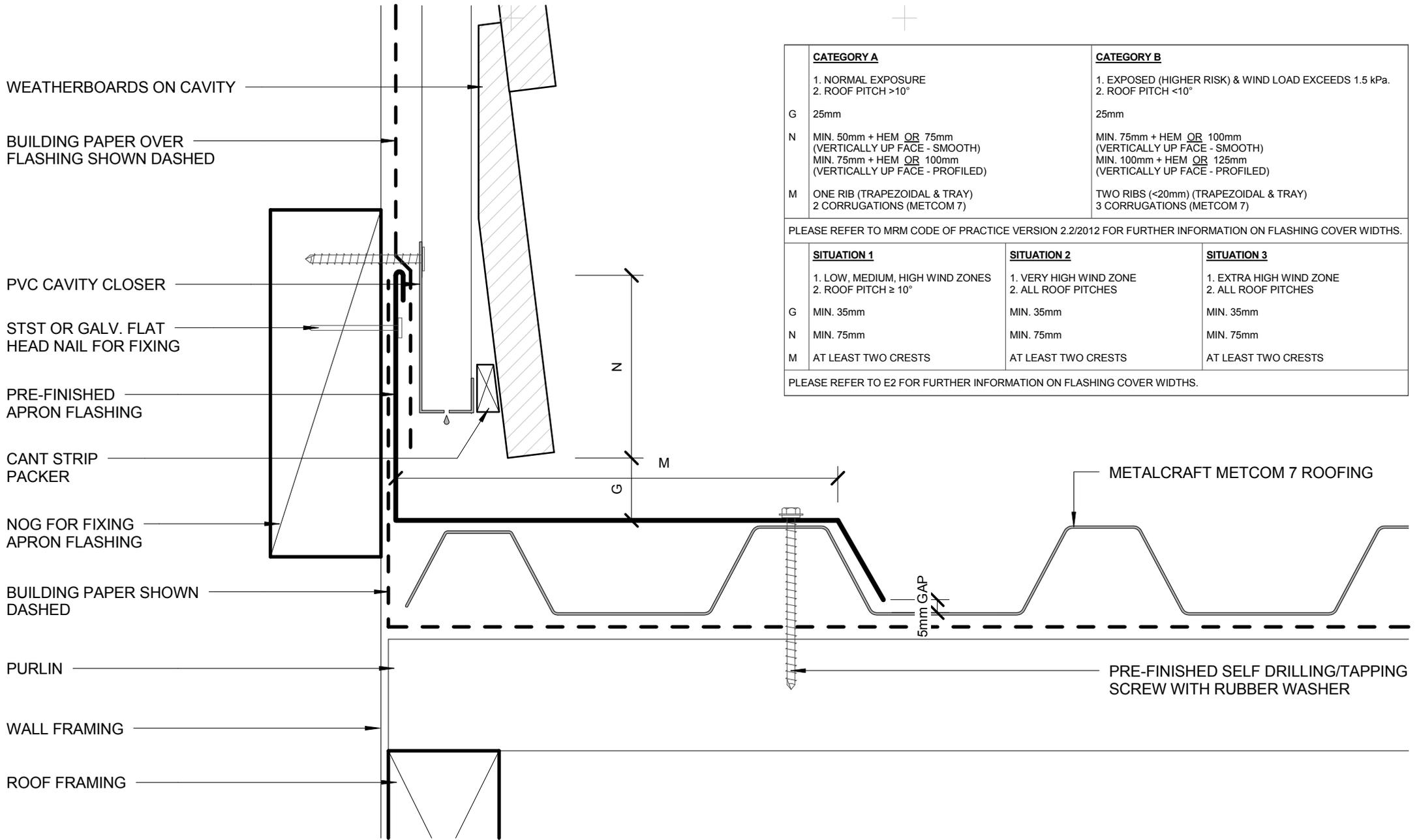
Reference RRMCM7

Date 2014

Scale 1 : 2

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	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 (METCOM 7)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (METCOM 7)

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.

- 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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Metcom 7

**PARALLEL APRON
RESIDENTIAL ROOFING**

Reference RRMCM7

Date 2014

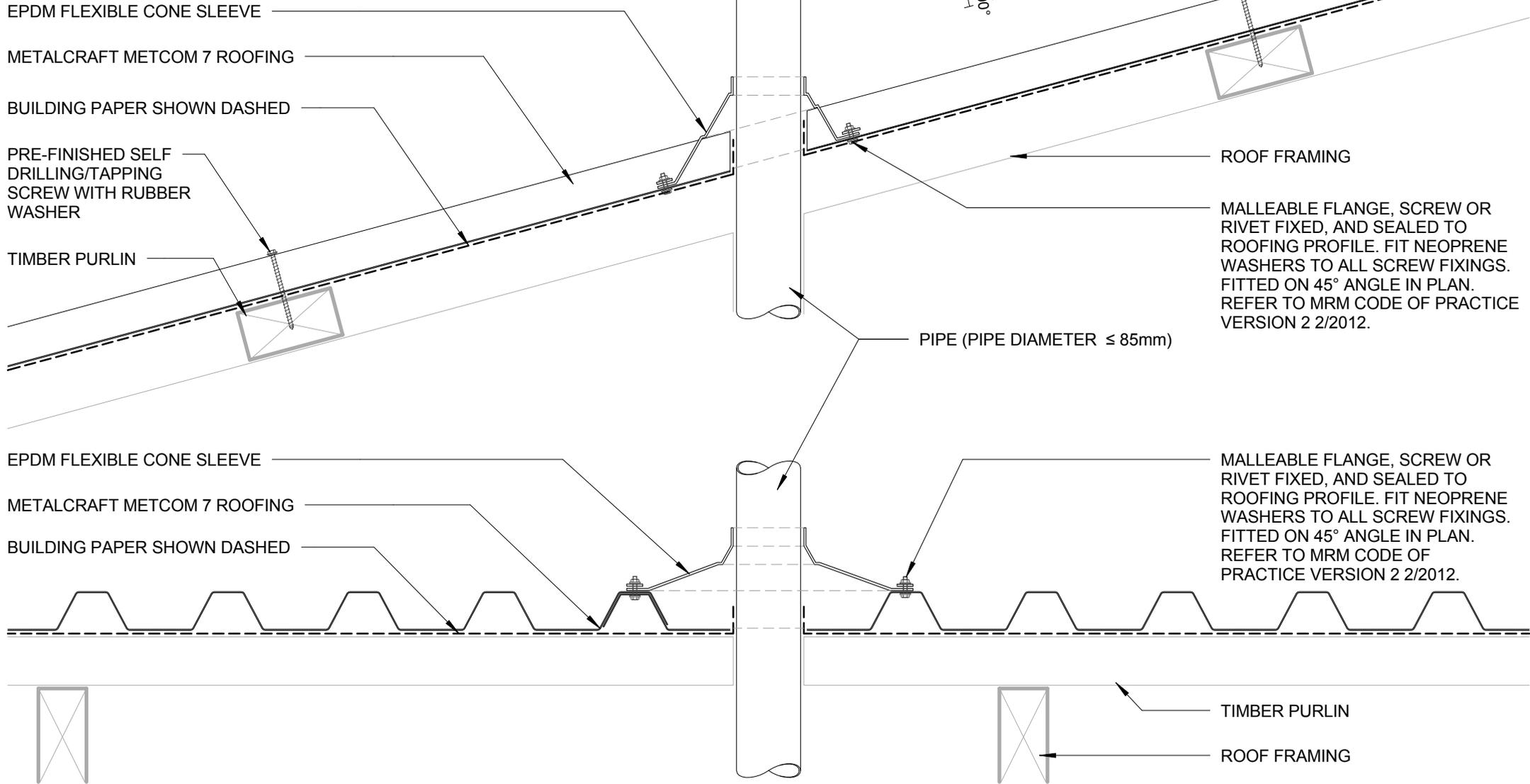
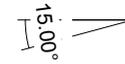
Scale 1 : 2

Sheet

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

* MIN. 10° FOR PIPE PENETRATION



- 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.

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MAX. 85mm DIAMETER PIPE PENETRATION
RESIDENTIAL ROOFING



Metcom 7

Reference RRMCM7

Date 2014

Scale 1 : 5

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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

* MIN. 10° FOR PIPE PENETRATION



EPDM FLEXIBLE CONE SLEEVE

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

METALCRAFT METCOM 7 ROOFING

PURLIN

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.

METALCRAFT METCOM 7 ROOFING

5mm GAP

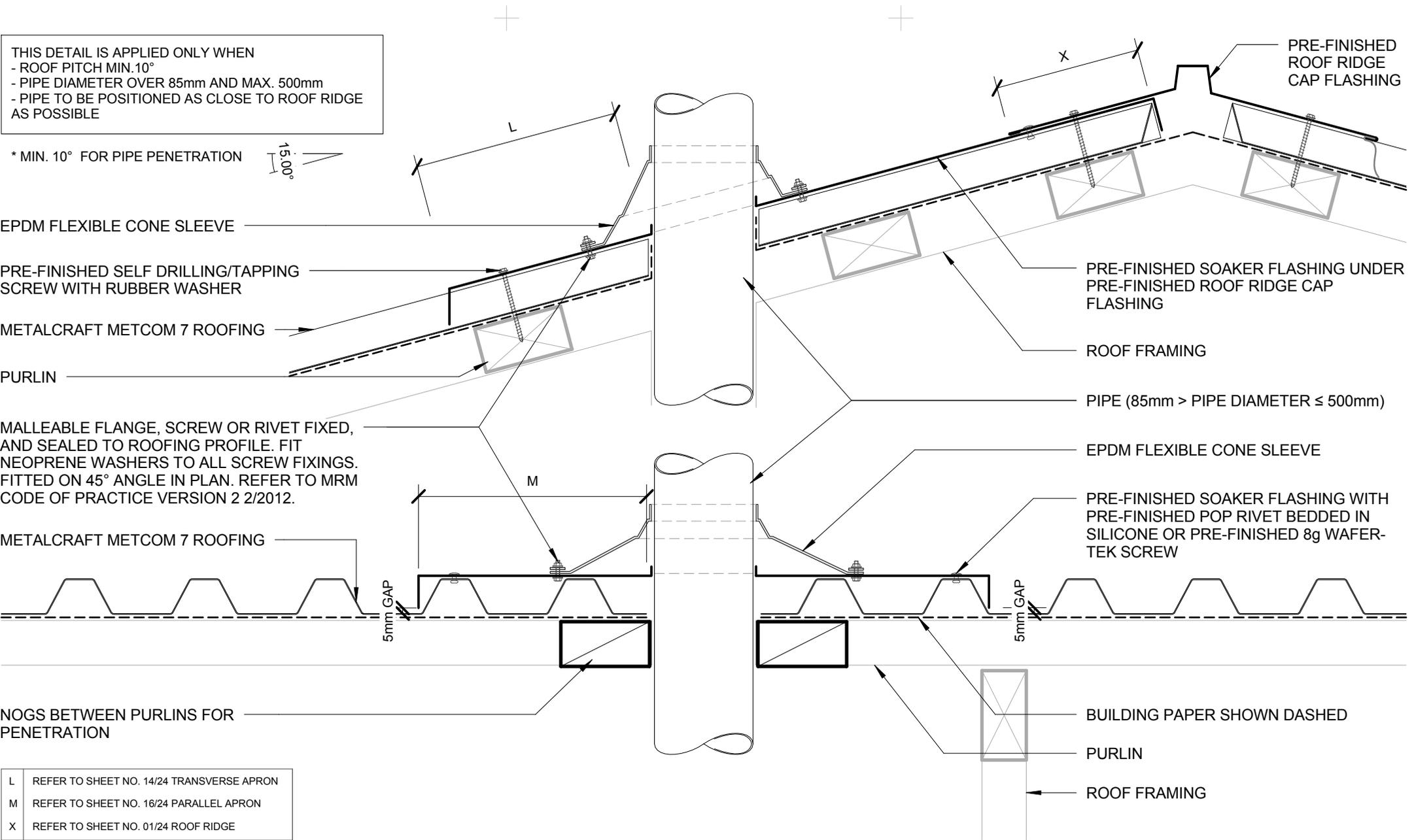
NOGS BETWEEN PURLINS FOR PENETRATION

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

- 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.

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OVER 85mm DIAMETER PIPE PENETRATION RESIDENTIAL ROOFING

Metcom 7

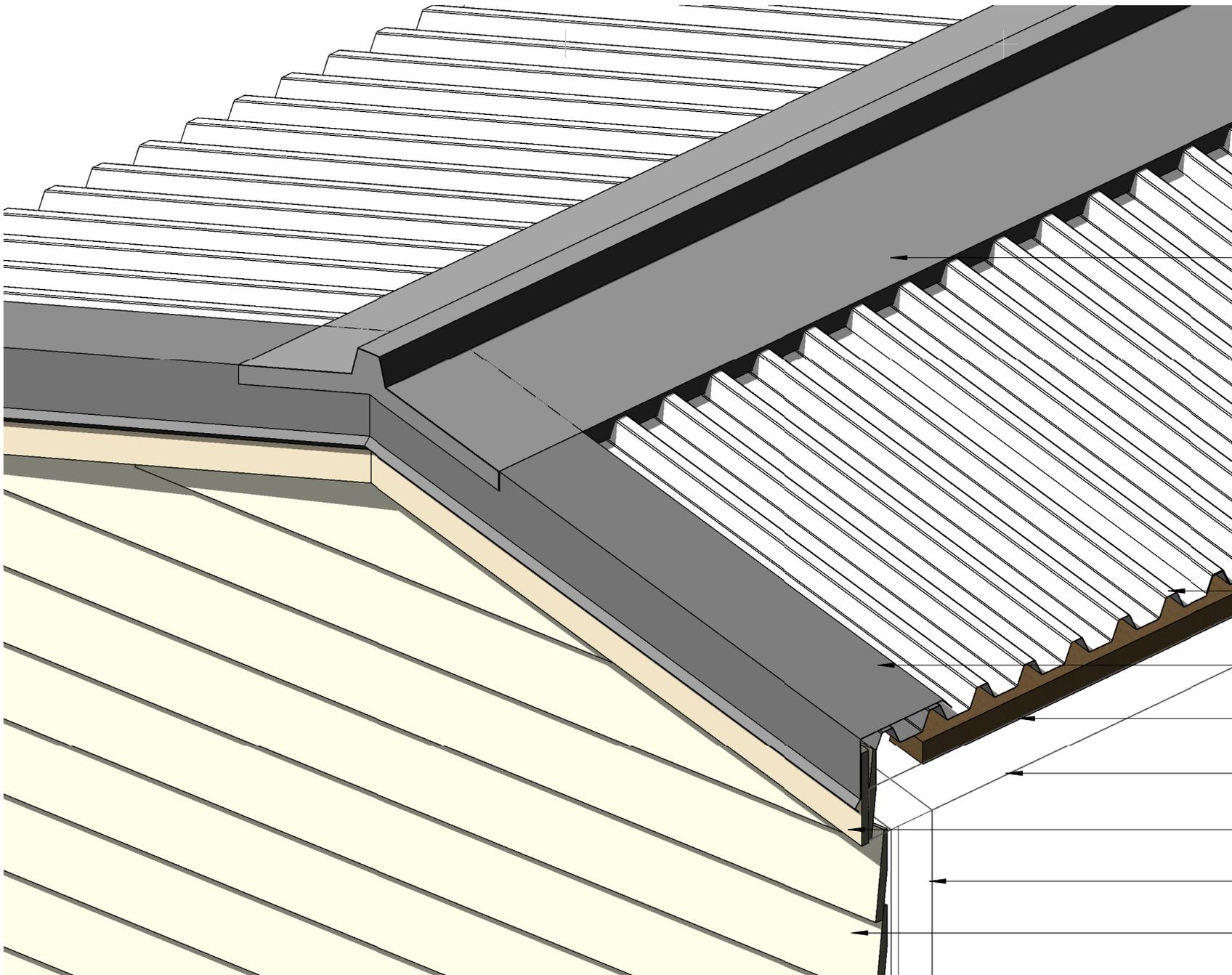
Reference RRMCM7

Date 2014

Scale 1 : 5

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* 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 METCOM 7 ROOFING

PRE-FINISHED BARGE FLASHING

PURLIN

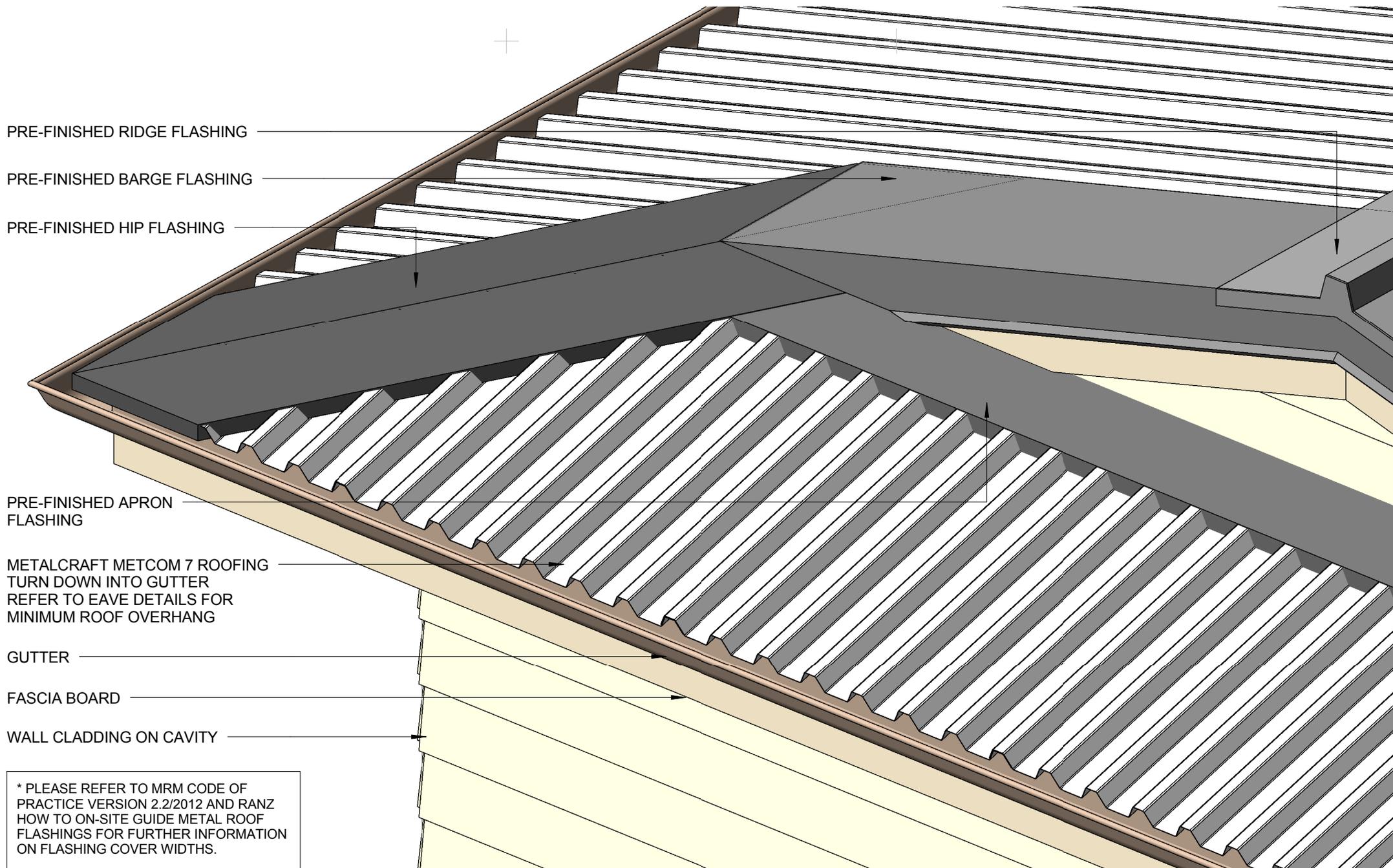
ROOF FRAMING

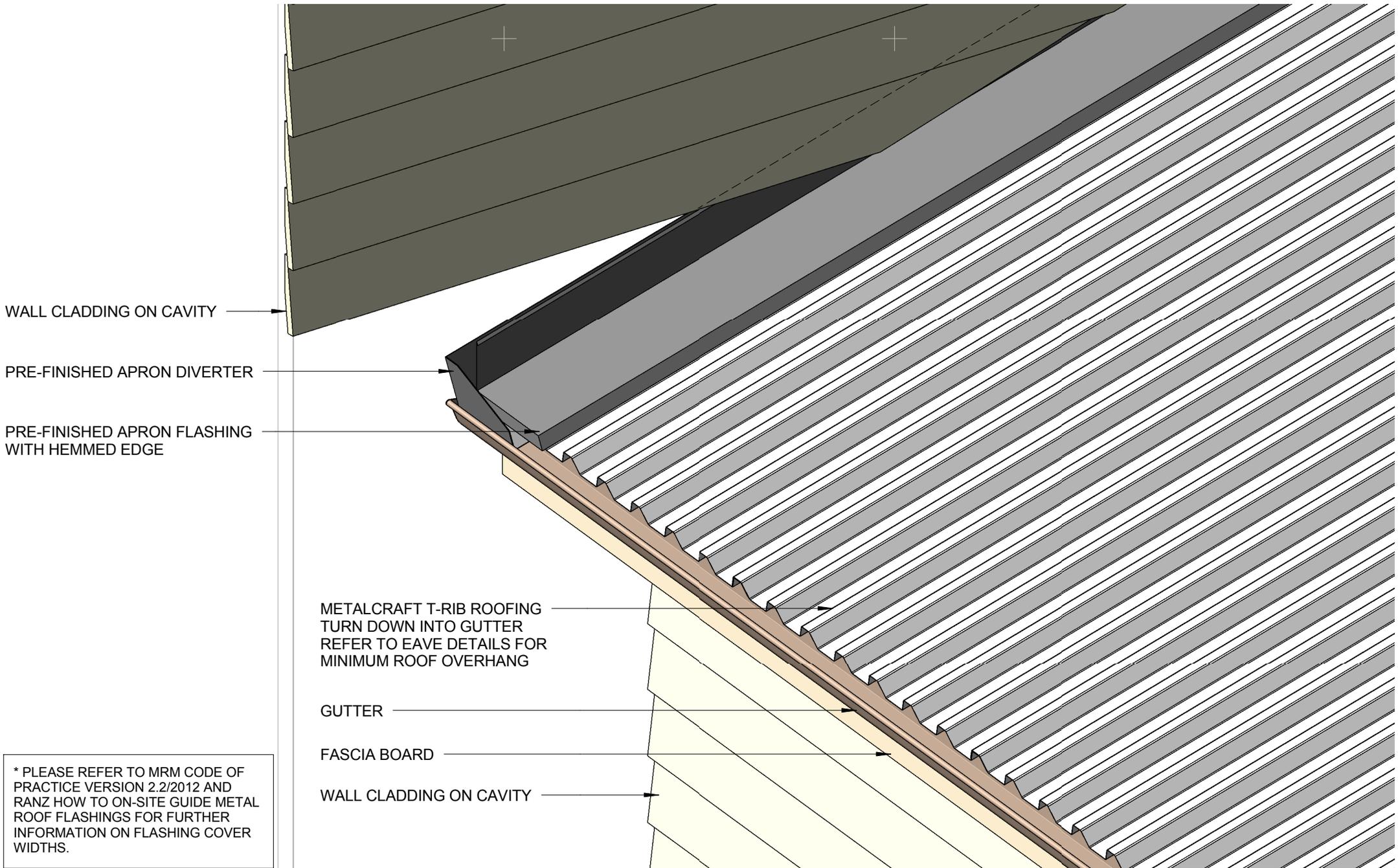
FASCIA BOARD

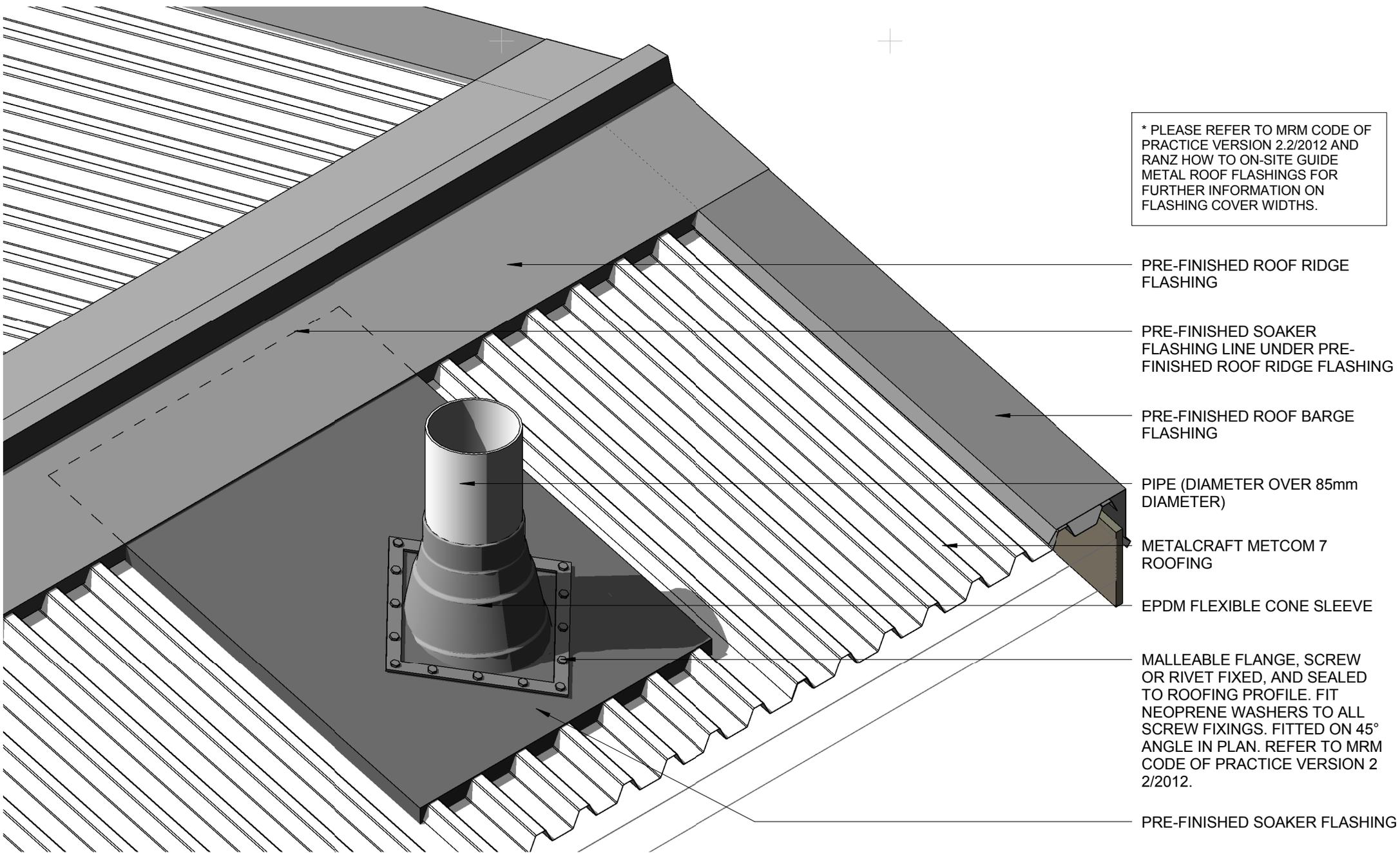
WALL FRAMING

WALL CLADDING ON CAVITY

3D-RIDGE TO BARGE JUCTION
RESIDENTIAL ROOFING







* 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 LINE UNDER PRE-FINISHED ROOF RIDGE FLASHING
- PRE-FINISHED ROOF BARGE FLASHING
- PIPE (DIAMETER OVER 85mm DIAMETER)
- METALCRAFT METCOM 7 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 2/2012.
- PRE-FINISHED SOAKER FLASHING

3D-OVER 85mm DIAMETER PIPE PENETRATION

Metcom 7

RESIDENTIAL ROOFING

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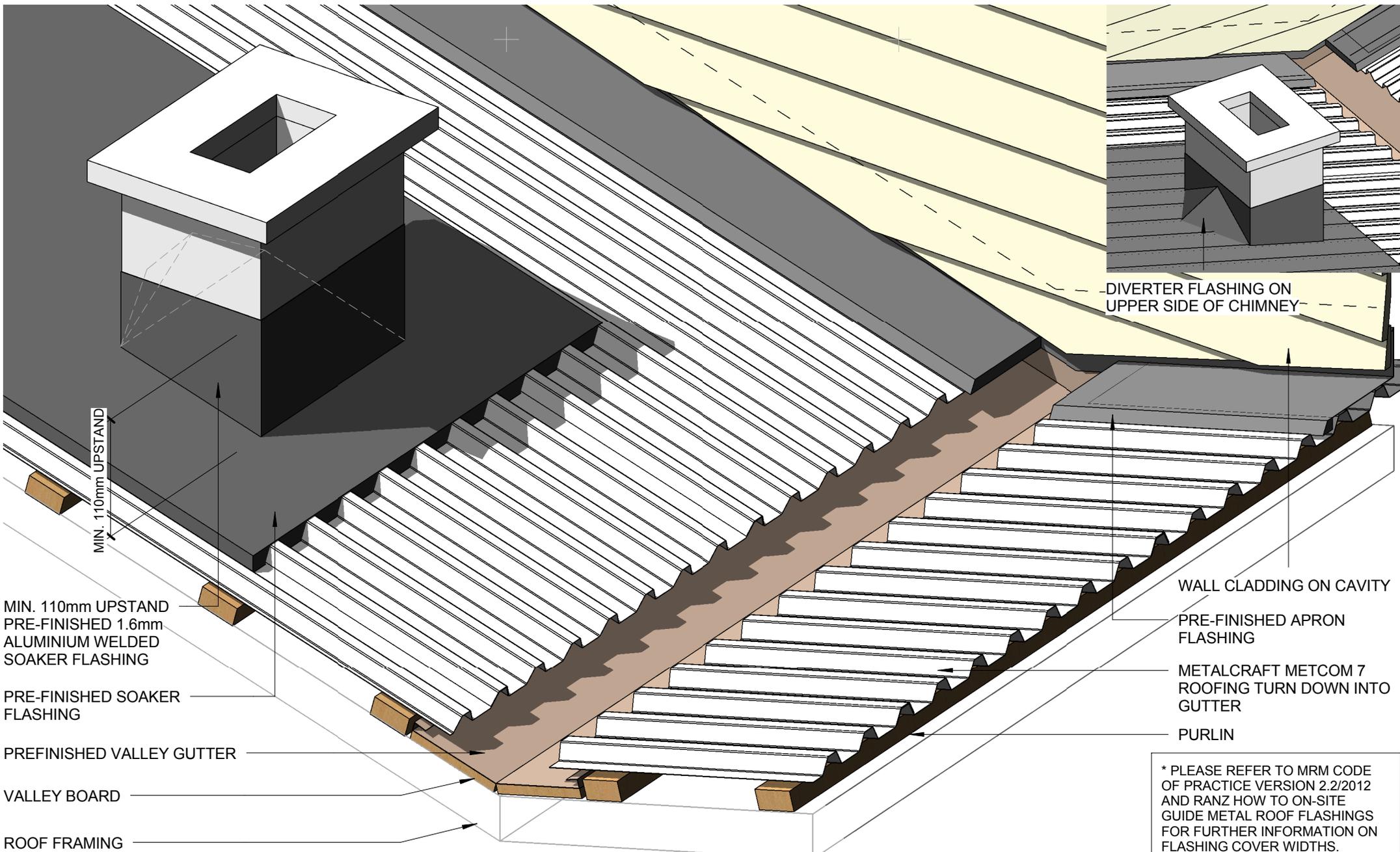
Reference RRMCM7

Date 2014

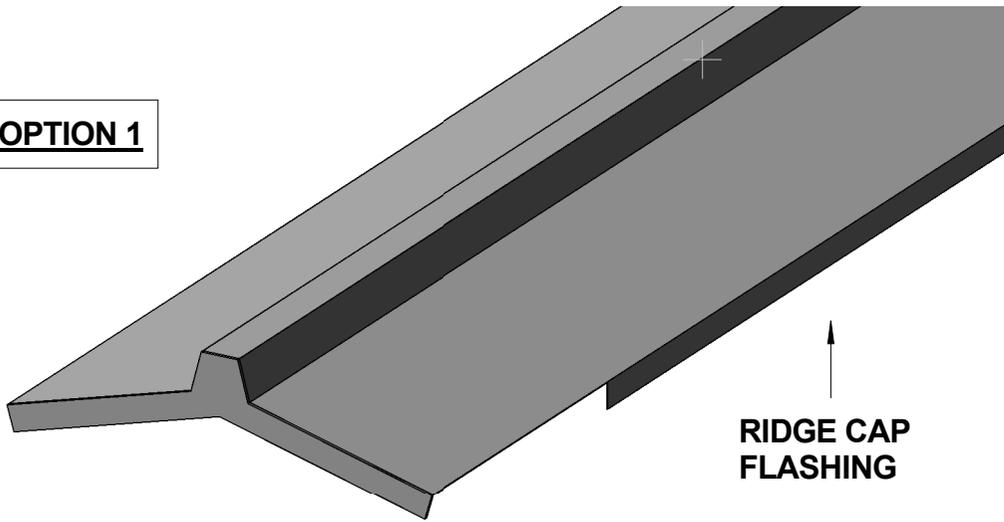
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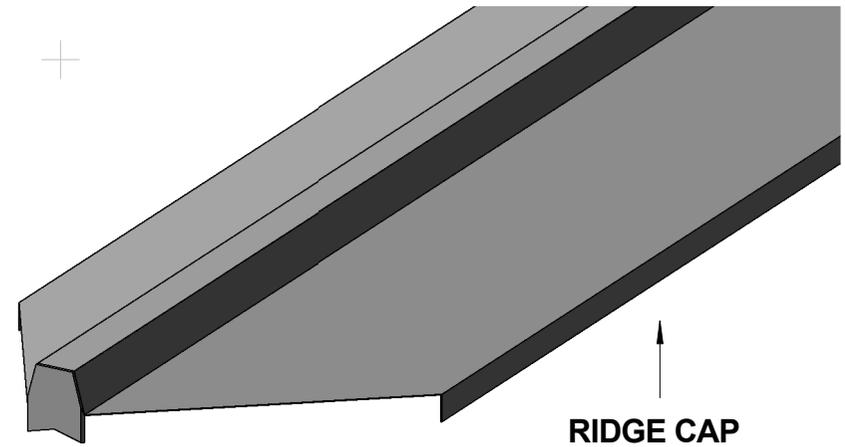


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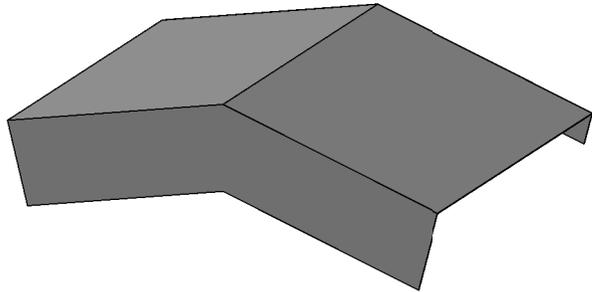


**RIDGE CAP
FLASHING**

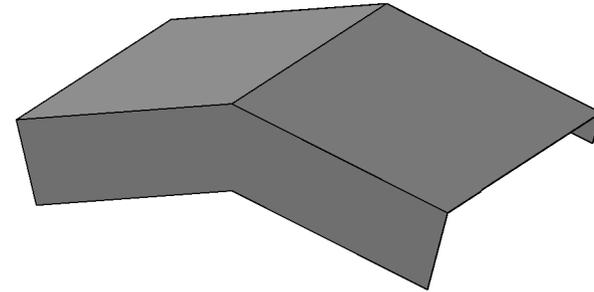
OPTION 2



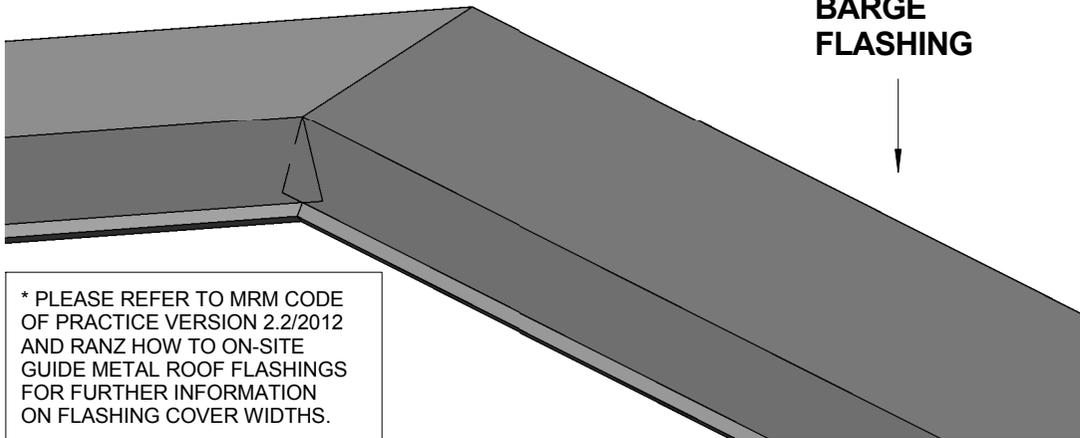
**RIDGE CAP
FLASHING**



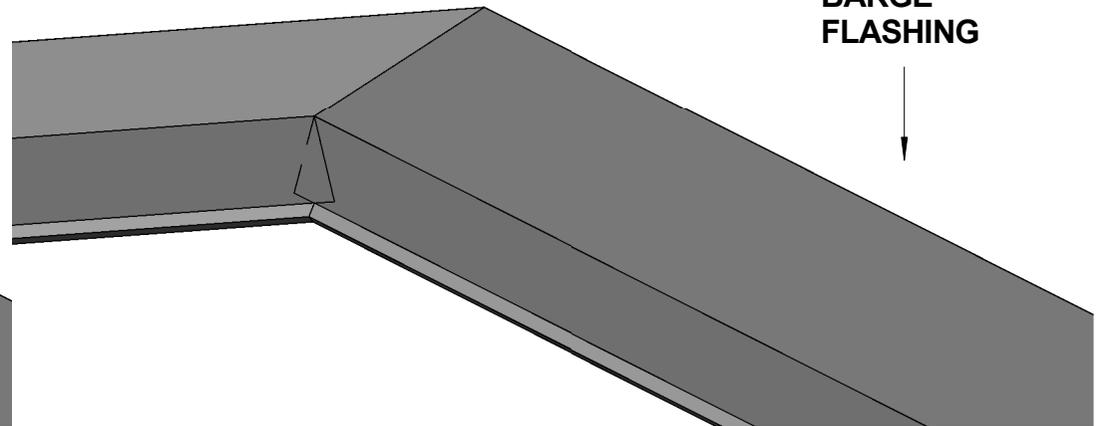
**ADDITIONAL
SADDLE
FLASHING**



**ADDITIONAL
SADDLE
FLASHING**



**BARGE
FLASHING**

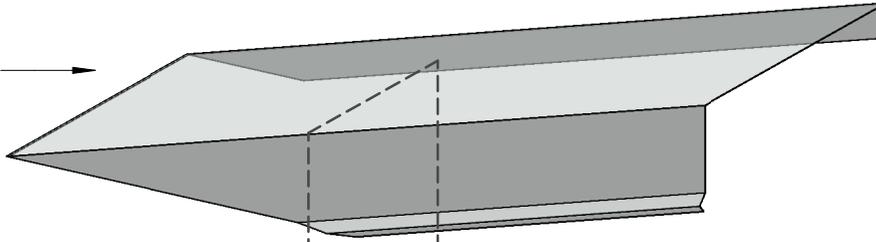


**BARGE
FLASHING**

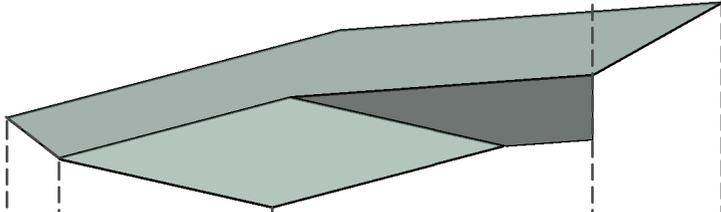
* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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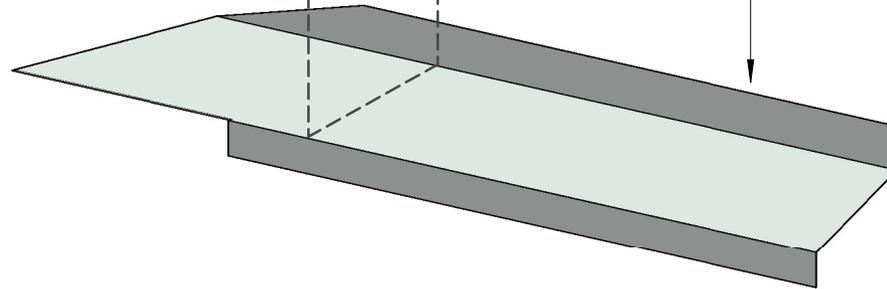
**(4) PRE-FINISHED
BARGE FLASHING**



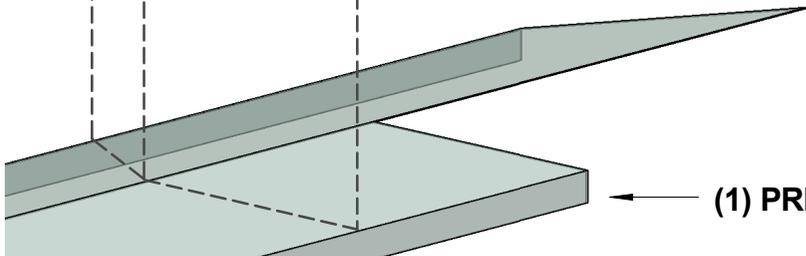
**(3) PRE-FINISHED 3D
SADDLE FLASHING**



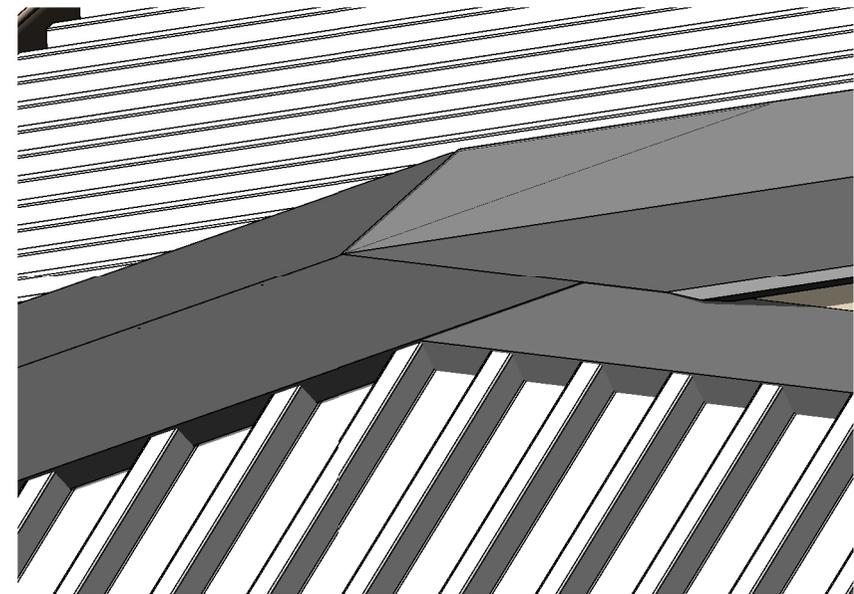
**(2) PRE-FINISHED
APRON FLASHING**



(1) PRE-FINISHED HIP FLASHING



* 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.



3D-DUTCH GABLE FLASHINGS
RESIDENTIAL ROOFING