

# MC760

## 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

RRMC760

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

Architectural / Specification Enquiries

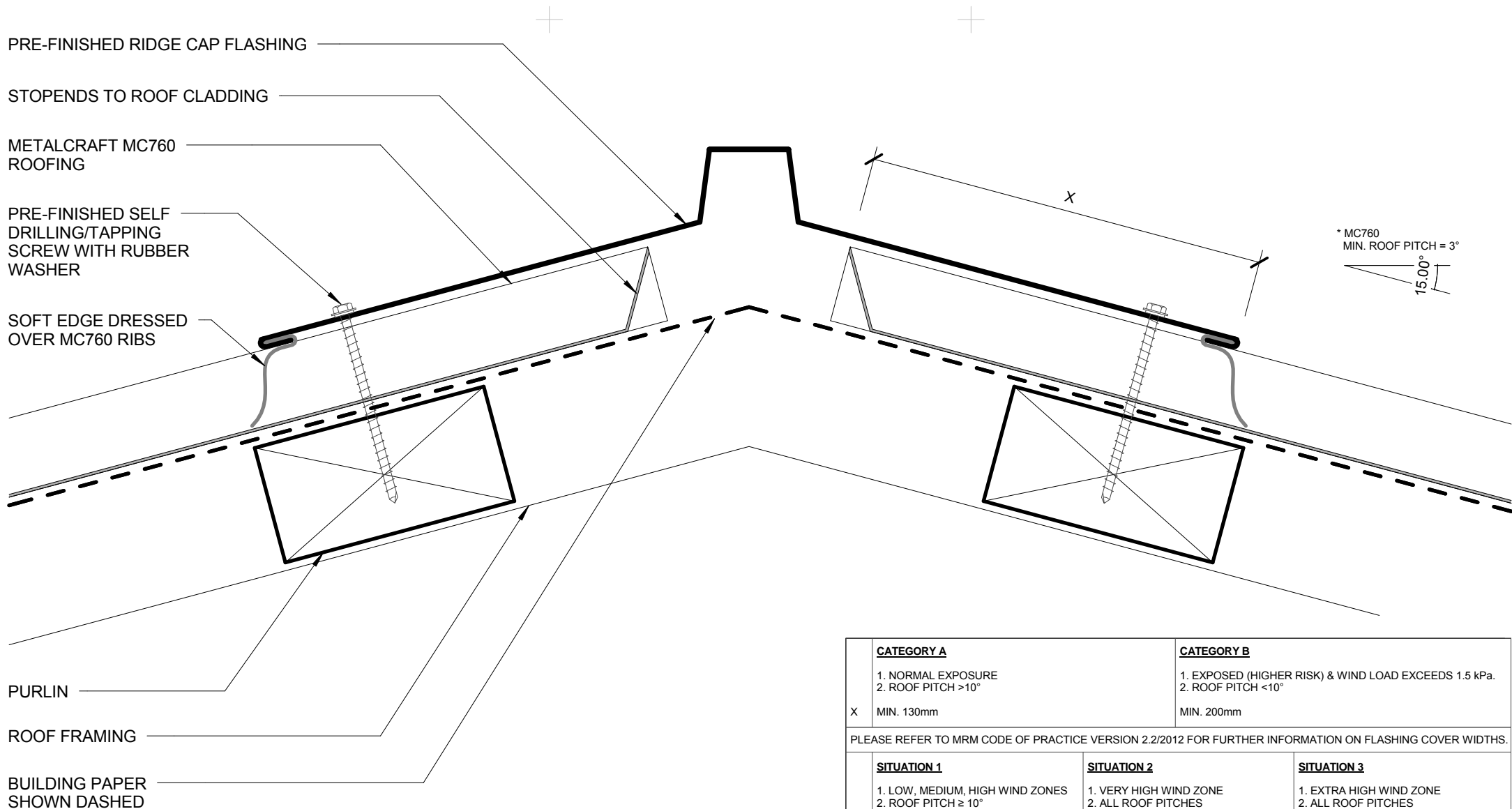
Ph: 09 274 0408

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Email: Frances.charles@unitedindustries.co.nz



**Metalcraft**  
Roofing



	<b>CATEGORY A</b>	<b>CATEGORY B</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.			
	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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 SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT 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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MC760

**ROOF RIDGE  
RESIDENTIAL ROOFING**

Reference RRM760

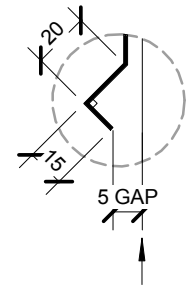
Date 2014

Scale 1 : 2

Sheet

**01 / 24**

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



STOPENDS TO ROOF CLADDING

SOFT EDGE DRESSED OVER  
MC760 RIBS

METALCRAFT MC760 ROOFING

PRE-FINISHED SELF  
DRILLING/TAPPING SCREW WITH  
RUBBER WASHER

BUILDING PAPER SHOWN  
DASHED

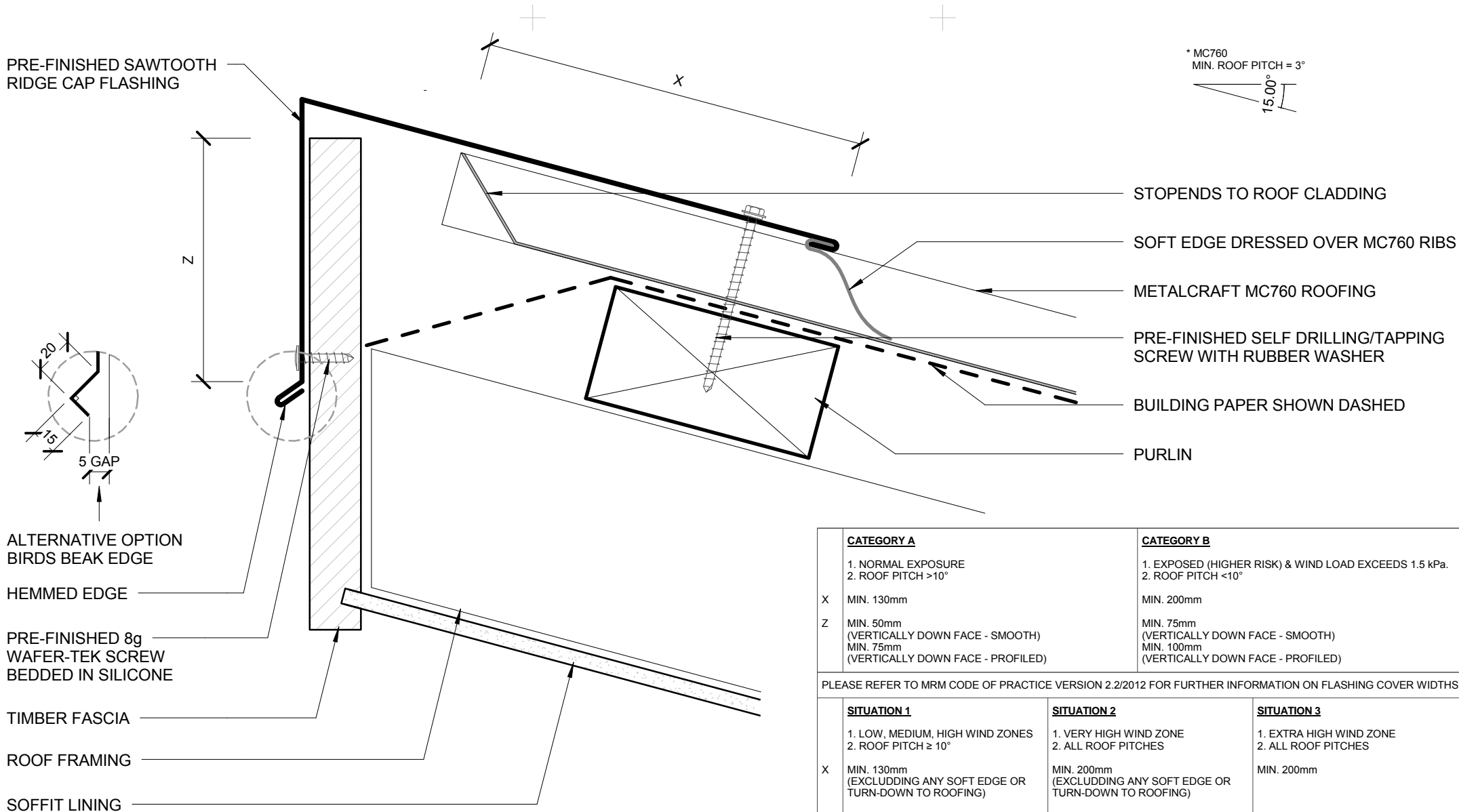
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CATEGORY A		CATEGORY B			
1. NORMAL EXPOSURE 2. ROOF PITCH >10°		1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°			
X	MIN. 130mm	MIN. 200mm			
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	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 SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT 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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\* MC760  
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

STOPENDS TO ROOF CLADDING

SOFT EDGE DRESSED OVER MC760 RIBS

METALCRAFT MC760 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING  
SCREW WITH RUBBER WASHER

BUILDING PAPER SHOWN DASHED

PURLIN

	<b>CATEGORY A</b>	<b>CATEGORY B</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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	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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 SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm
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MC760

**SAWTOOTH EAVE**  
RESIDENTIAL ROOFING

Reference RRM760

Date 2014

Scale 1 : 2

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**03 / 24**

METALCRAFT MC760 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

A : OVERALL VALLEY GUTTER WIDTH

B : CLEARANCE BETWEEN ROOFING

C

C

MIN. 50mm

MIN. 20mm

\* ROOF PITCH FOR VALLEYS AS PER E2.

	<u>SITUATION 1</u>	<u>SITUATION 2</u>
	MAX. CATCHMENT 25m <sup>2</sup> MIN. ROOF PITCH 8°	MAX. CATCHMENT 16m <sup>2</sup> 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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MC760

Reference RRM760

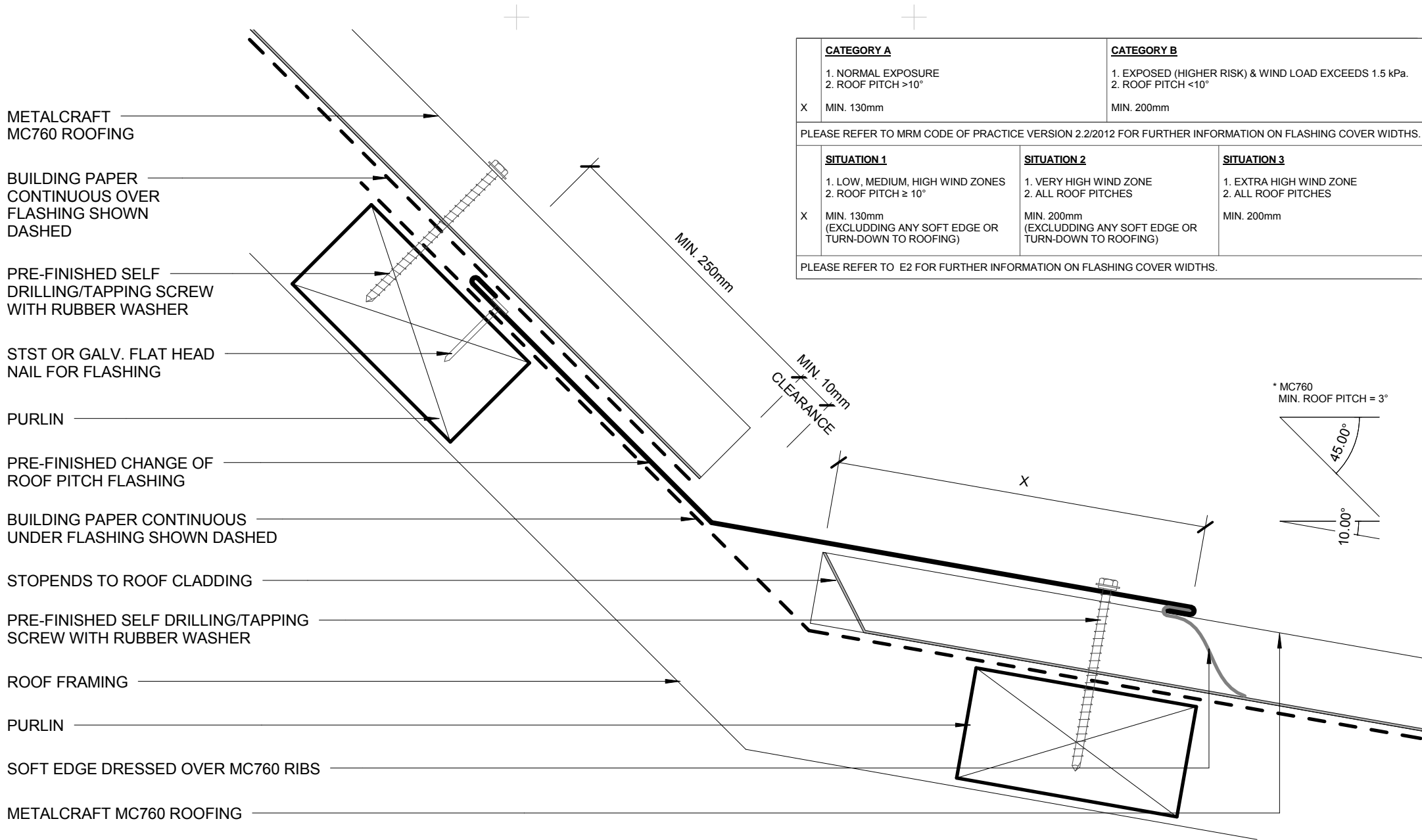
Date 2014

Scale 1 : 2

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ROOF VALLEY  
RESIDENTIAL ROOFING

04 / 24



	<b>CATEGORY A</b>	<b>CATEGORY B</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.

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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 SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm

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

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## ROOF - CHANGE PITCH RESIDENTIAL ROOFING



MC760

Reference RRM760

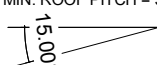
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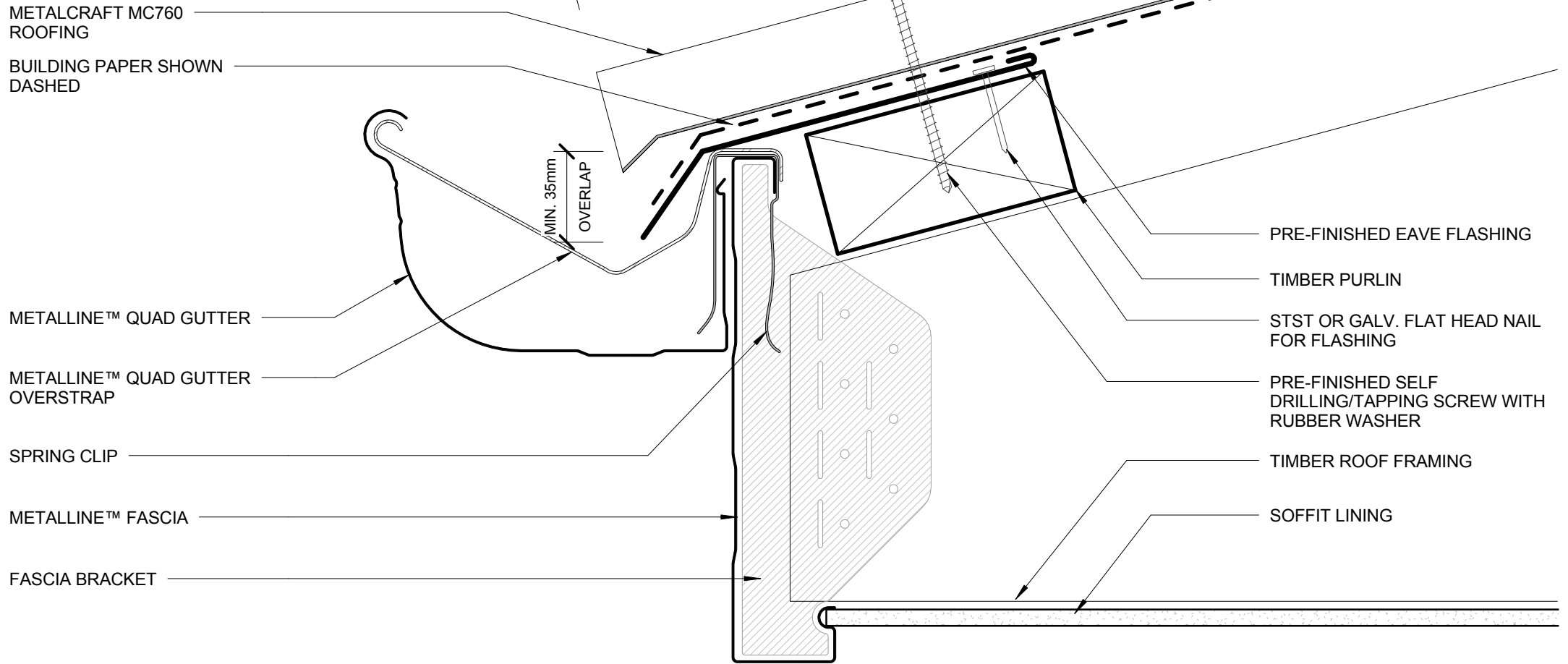
Scale 1 : 2

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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

\* MC760  
 MIN. ROOF PITCH =  $3^\circ$   




METALCRAFT MC760  
 ROOFING

BUILDING PAPER SHOWN  
 DASHED

METALLINE™ QUAD GUTTER

METALLINE™ QUAD GUTTER  
 OVERSTRAP

SPRING CLIP

METALLINE™ FASCIA

FASCIA BRACKET

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



MC760

Reference RRM760

Date 2014

Scale 1 : 2

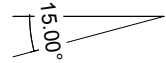
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EAVE FLASHING REQUIRED WHEN  
 - ROOF PITCH  $\leq 10^\circ$ , OR  
 - SOFFIT WIDTH  $\leq 100\text{mm}$ , OR  
 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR  
 - ENGINEER SPECIFIC DESIGN

\* MC760  
 MIN. ROOF PITCH =  $3^\circ$



METALCRAFT MC760  
 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 OR  
 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



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

\* MC760  
 MIN. ROOF PITCH =  $3^\circ$



MIN. 50mm  
 OR AS REQUIRED

MIN. 125 mm

METALCRAFT MC760  
 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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MC760

Reference RRM760

Date 2014

Scale 1 : 2

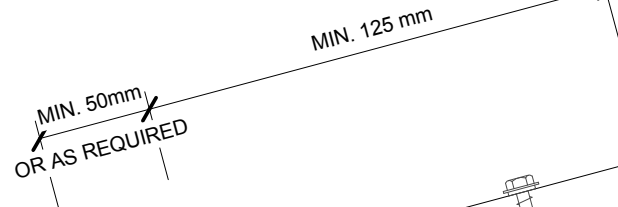
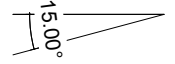
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EAVE WITH SNOW STRAP  
 RESIDENTIAL ROOFING



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

\* MC760  
 MIN. ROOF PITCH =  $3^\circ$



METALCRAFT MC760  
 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

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

MC760

RESIDENTIAL ROOFING

Reference RRM760

Date 2014

Scale 1 : 2

Sheet

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EAVE FLASHING REQUIRED WHEN  
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 - ENGINEER SPECIFIC DESIGN

\* MC760  
 MIN. ROOF PITCH =  $3^\circ$

METALCRAFT MC760 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  
 RESIDENTIAL ROOFING

MC760

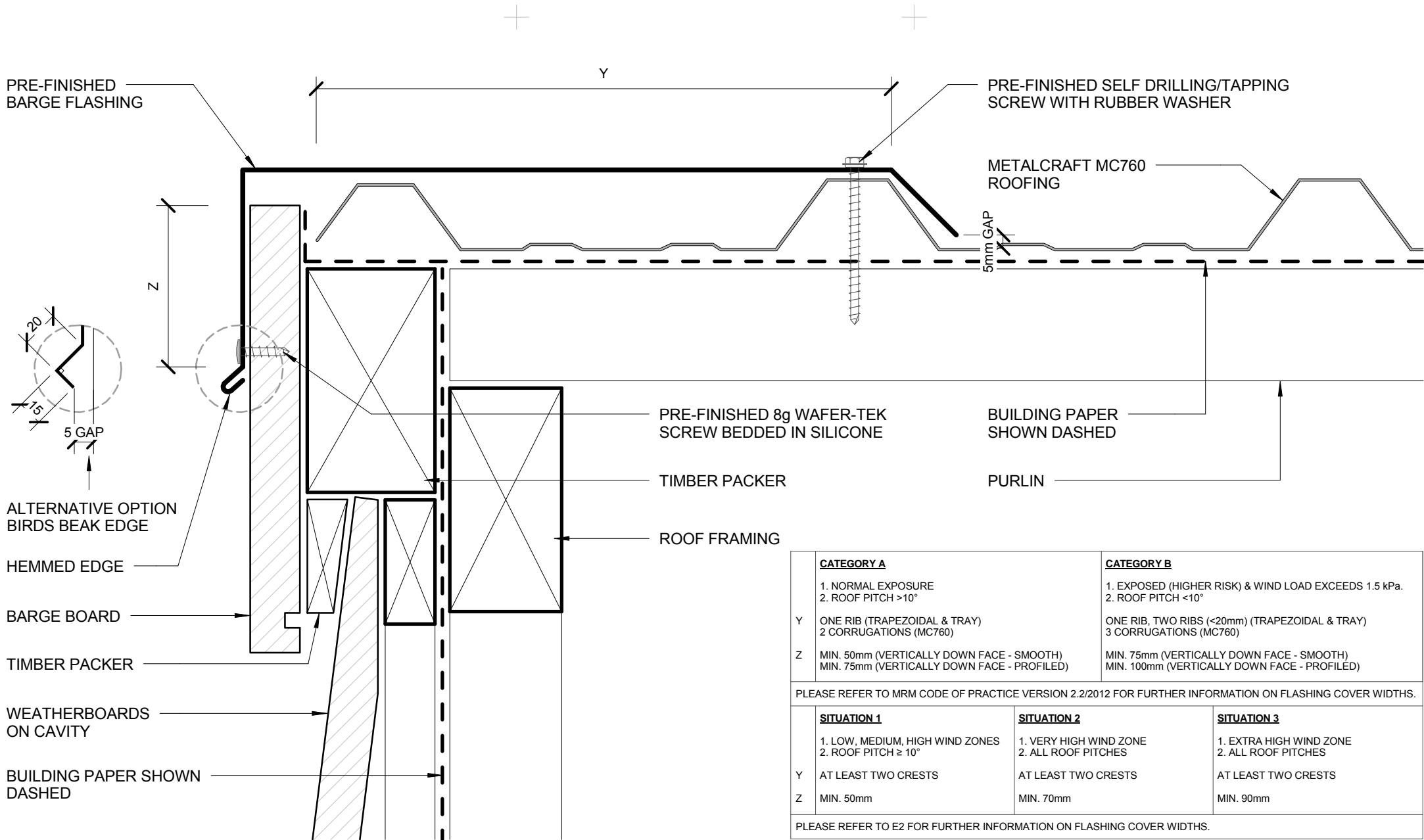
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Scale 1 : 2

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<u>CATEGORY A</u>		<u>CATEGORY B</u>
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 (MC760)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (MC760)
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.		
<u>SITUATION 1</u>	<u>SITUATION 2</u>	<u>SITUATION 3</u>
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.		

- 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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## BARGE WITH PROFILED CLADDING RESIDENTIAL ROOFING

MC760

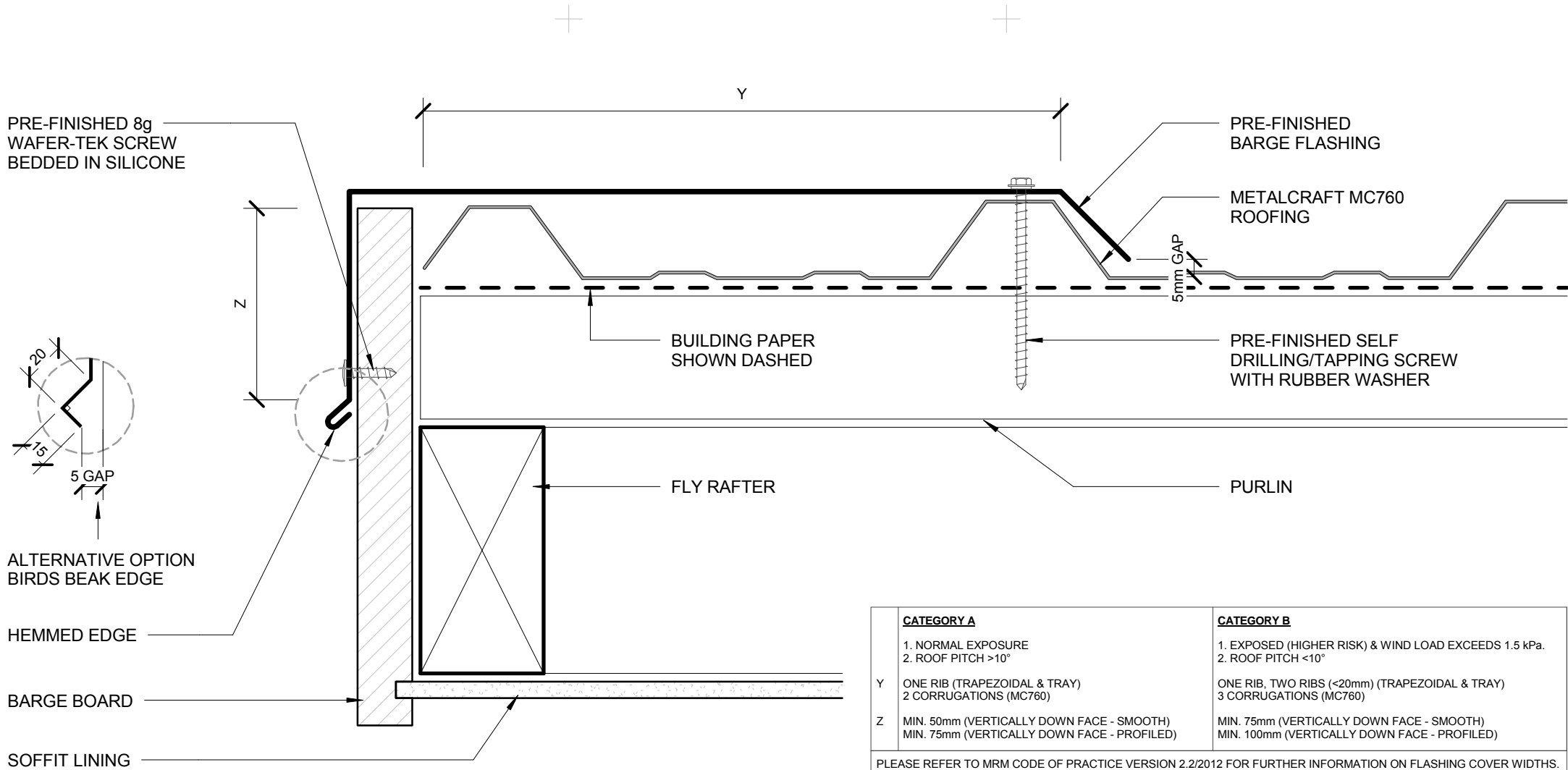
Reference RRM760

Date 2014

Scale 1 : 2

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	<b>CATEGORY A</b>	<b>CATEGORY B</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 (MC760)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (MC760)	
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.			
	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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.			

- 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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**MC760**

**BARGE OVERHANG**  
RESIDENTIAL ROOFING

Reference RRM760

Date 2014

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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 OR 75mm (VERTICALLY UP FACE - SMOOTH)  
MIN. 75mm + HEM OR 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 OR 100mm (VERTICALLY UP FACE - SMOOTH)  
MIN. 100mm + HEM OR 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 SOFT 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 SOFT 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.

\* MC760  
MIN. ROOF PITCH = 3°

15.00°

PRE-FINISHED APRON FLASHING

SOFT EDGE DRESSED OVER MC760 RIBS

METALCRAFT MC760 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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MC760

**PARAPET WITH TRANSVERSE APRON**  
RESIDENTIAL ROOFING

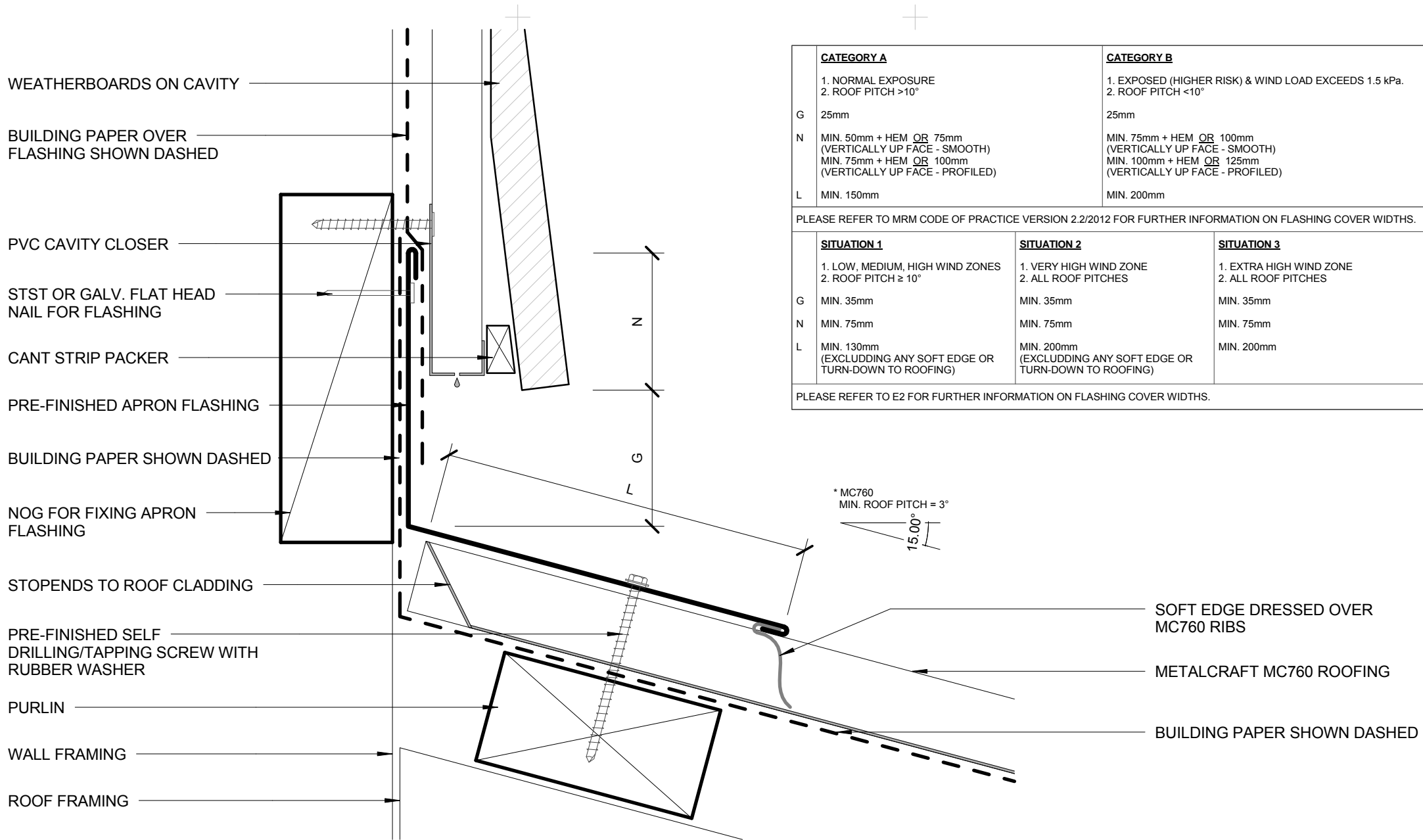
Reference RRM760

Date 2014

Scale 1 : 2

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	<b>CATEGORY A</b>	<b>CATEGORY B</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.

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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 SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT 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



MC760

Reference RRM760

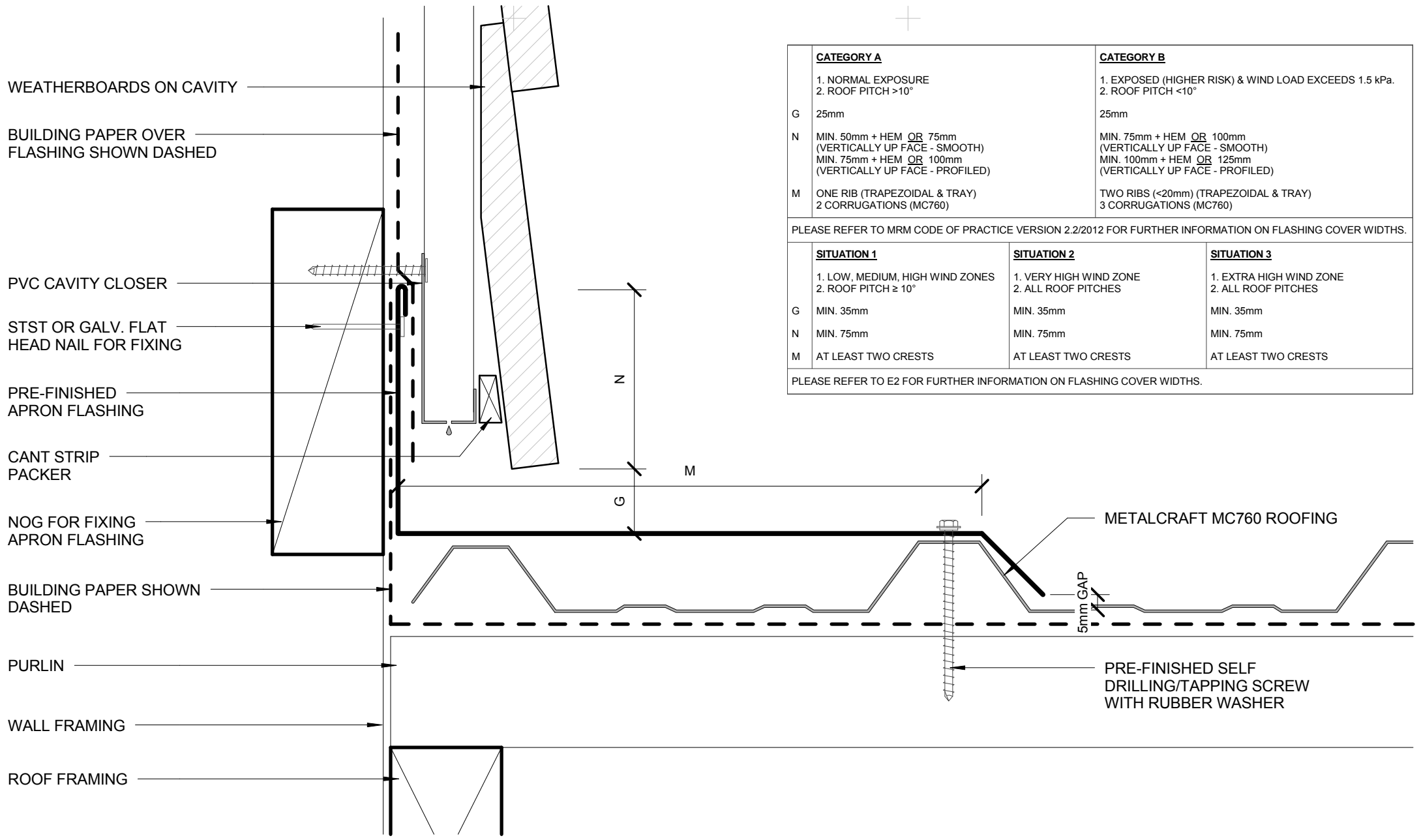
Date 2014

Scale 1 : 2

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	<b>CATEGORY A</b>	<b>CATEGORY B</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 (MC760)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (MC760)

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

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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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MC760

**PARALLEL APRON**  
RESIDENTIAL ROOFING

Reference RRM760

Date 2014

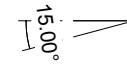
Scale 1 : 2

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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



EPDM FLEXIBLE CONE SLEEVE

METALCRAFT MC760 ROOFING

BUILDING PAPER SHOWN DASHED

PRE-FINISHED SELF  
 DRILLING/TAPPING  
 SCREW WITH RUBBER  
 WASHER

TIMBER PURLIN

ROOF FRAMING

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.

PIPE (PIPE DIAMETER ≤ 85mm)

EPDM FLEXIBLE CONE SLEEVE

METALCRAFT MC760 ROOFING

BUILDING PAPER SHOWN DASHED

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.

TIMBER PURLIN

ROOF FRAMING

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 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

MC760

RESIDENTIAL ROOFING

Reference RRM760

Date 2014

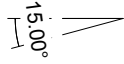
Scale 1 : 5

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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 MC760 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 MC760  
 ROOFING

5mm GAP

M

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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MC760

Reference RRM760

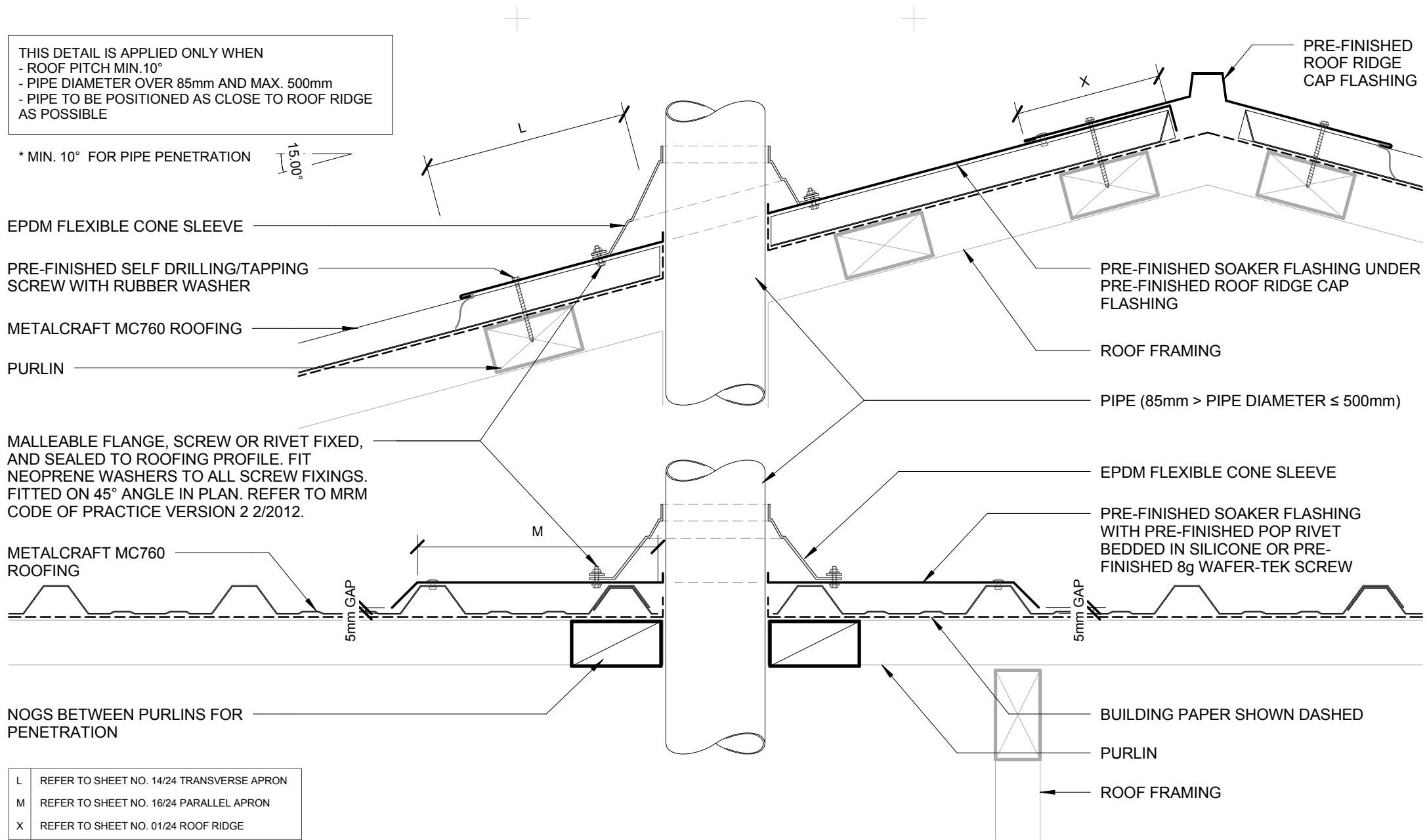
Date 2014

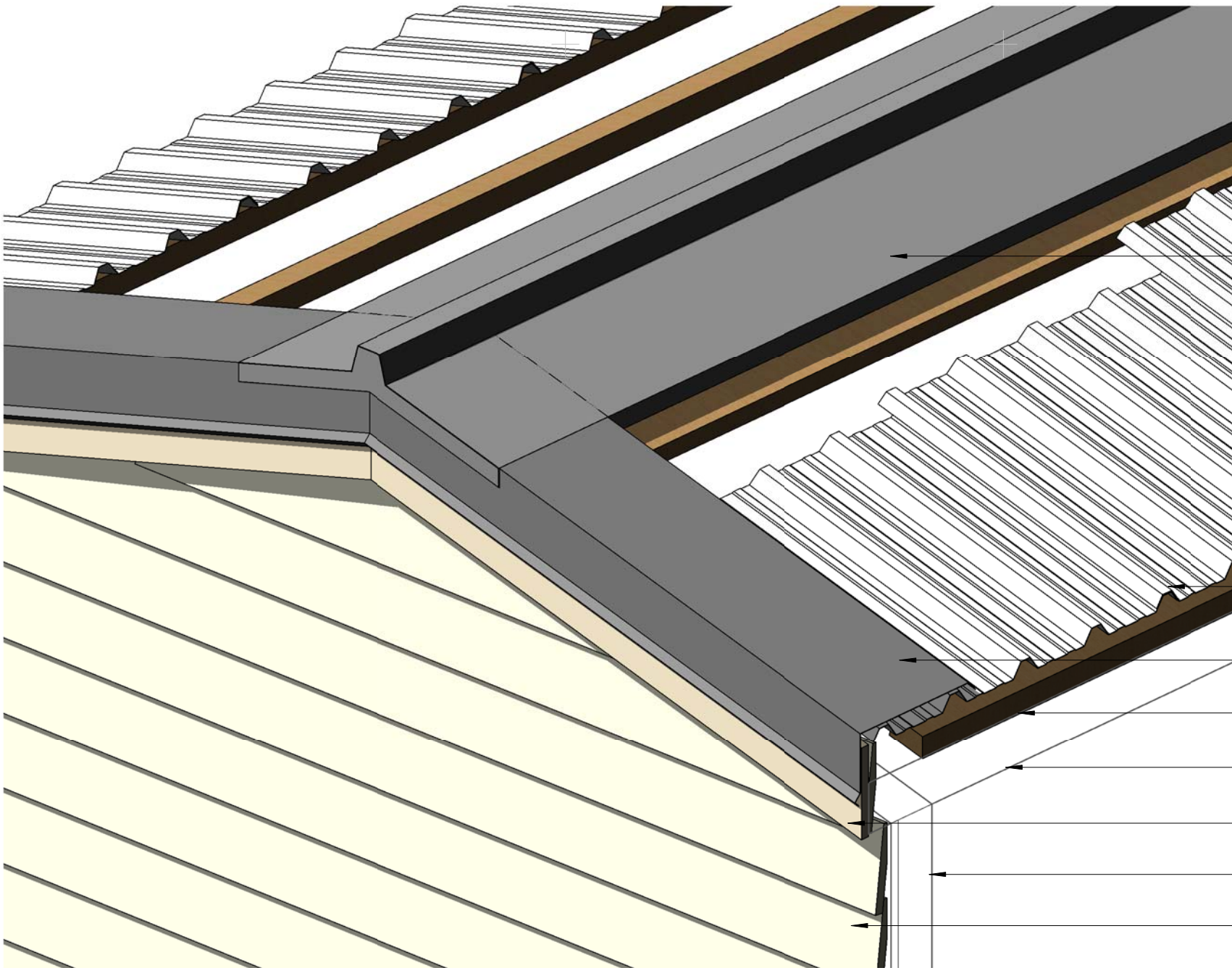
Scale 1 : 5

Sheet

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OVER 85mm DIAMETER PIPE PENETRATION  
 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 RIDGE CAP FLASHING

METALCRAFT MC760 ROOFING

PRE-FINISHED BARGE FLASHING

PURLIN

ROOF FRAMING

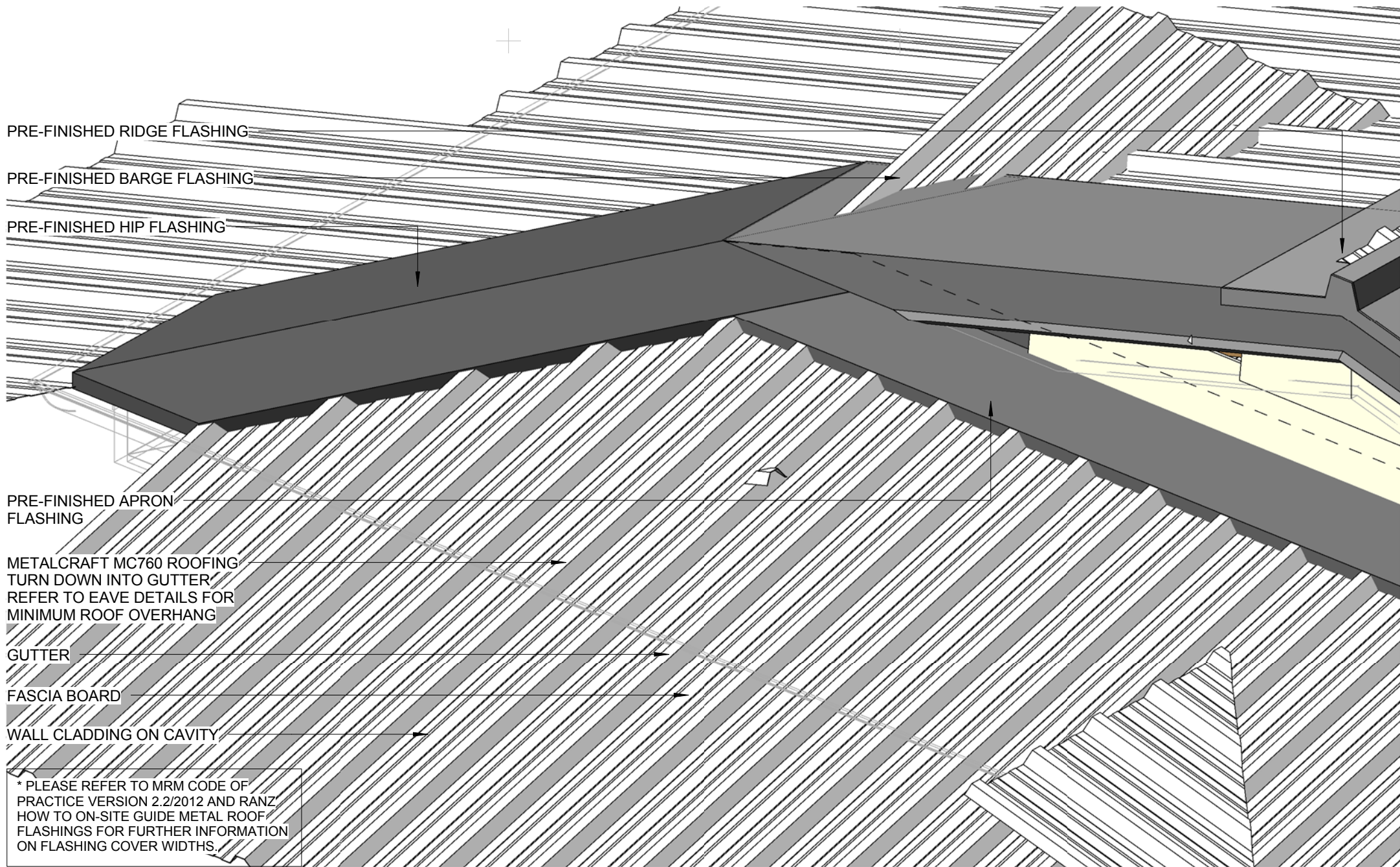
FASCIA BOARD

WALL FRAMING

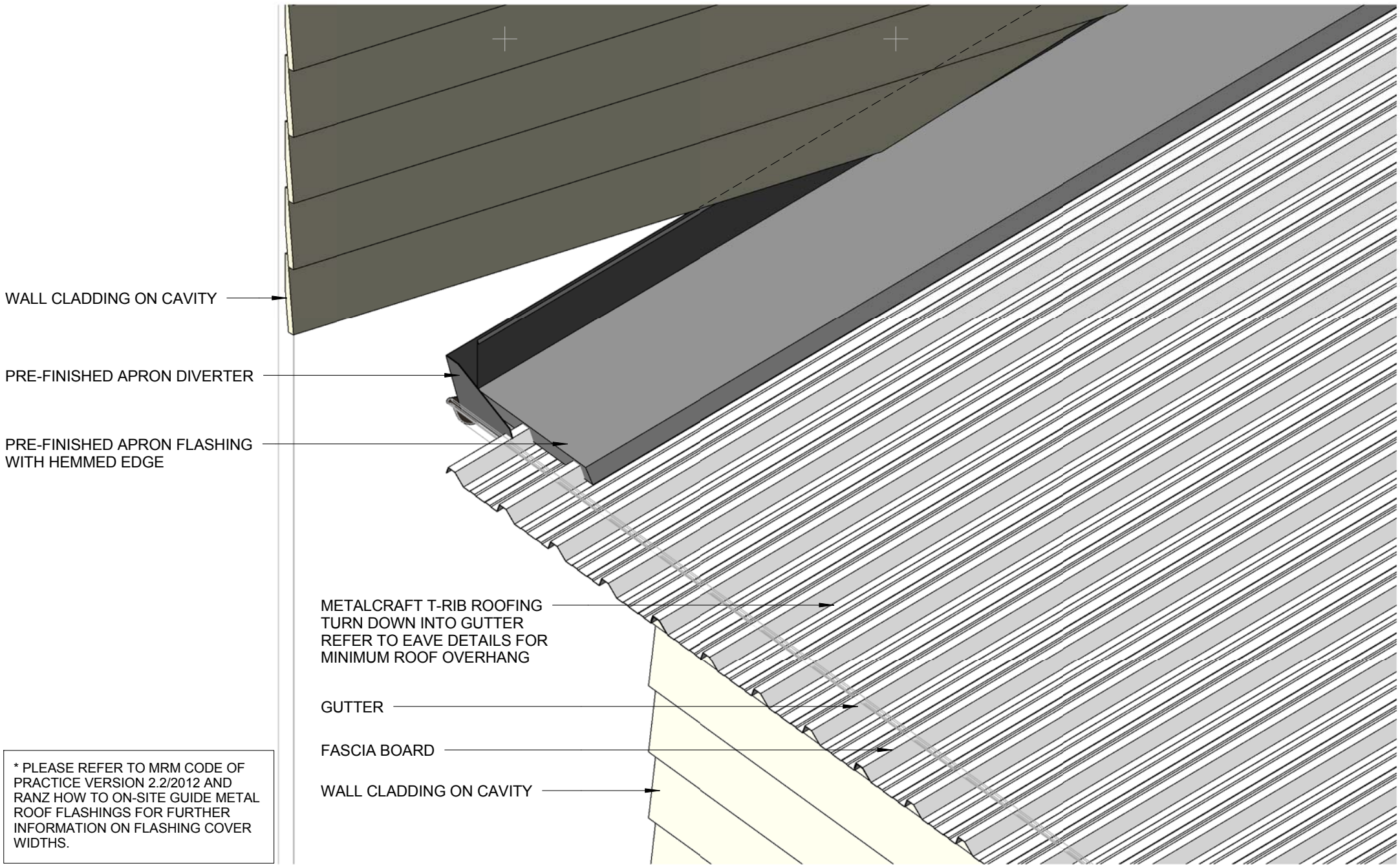
WALL CLADDING ON CAVITY

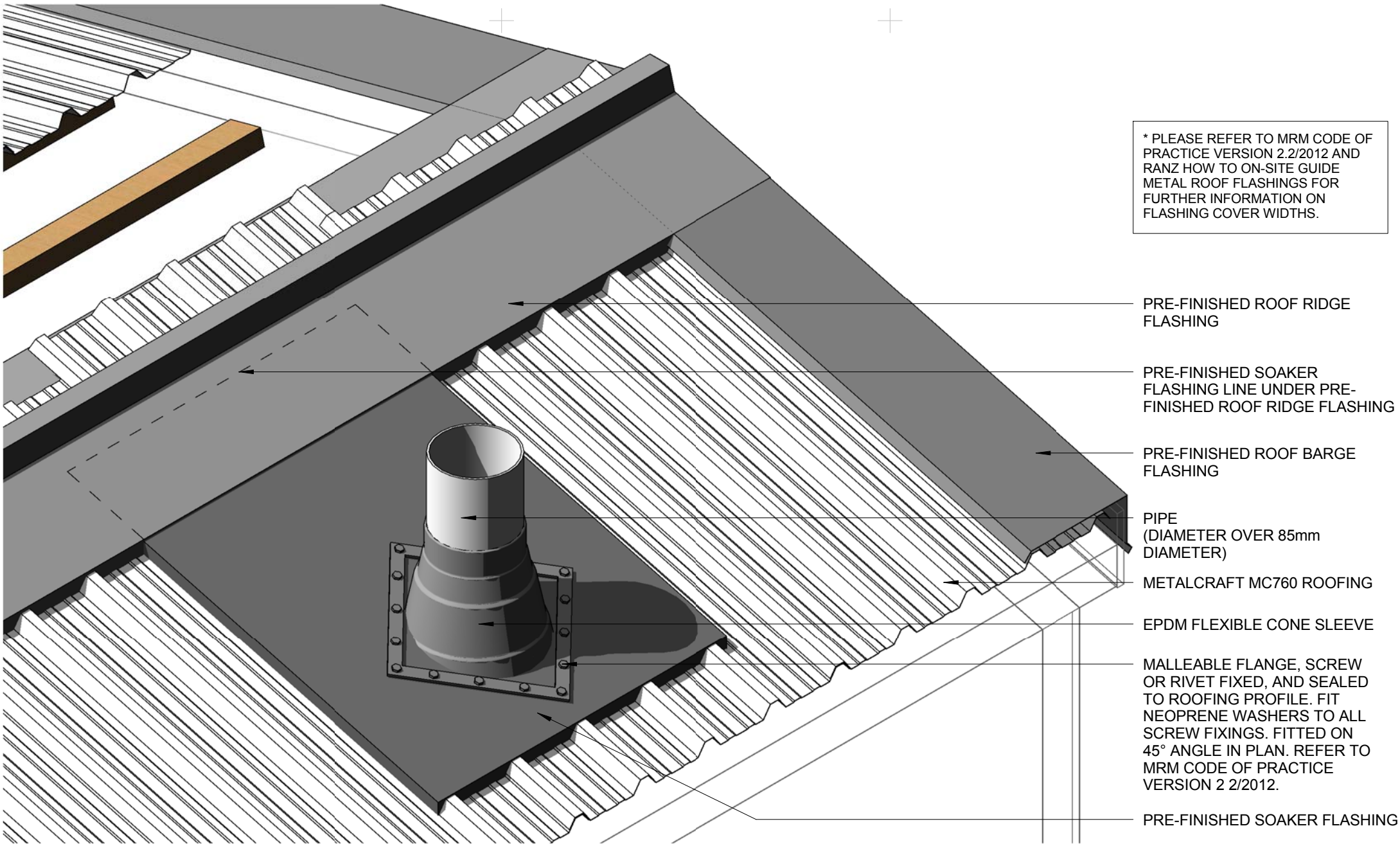
**3D-RIDGE TO BARGE JUCTION**  
RESIDENTIAL ROOFING









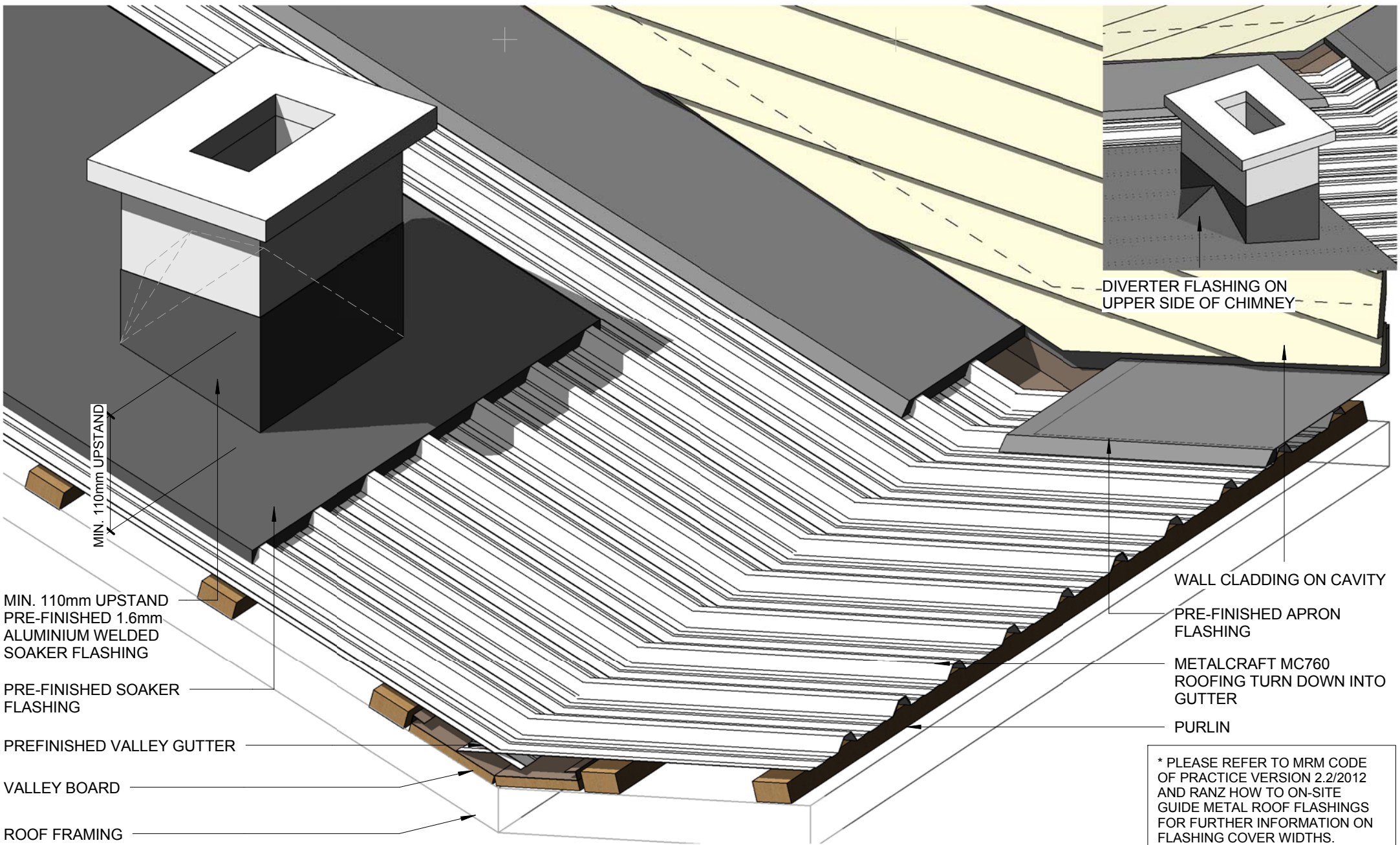


\* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

- 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 MC760 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**  
**MC760 RESIDENTIAL ROOFING**





MIN. 110mm UPSTAND  
PRE-FINISHED 1.6mm  
ALUMINIUM WELDED  
SOAKER FLASHING

PRE-FINISHED SOAKER  
FLASHING

PREFINISHED VALLEY GUTTER

VALLEY BOARD

ROOF FRAMING

DIVERTER FLASHING ON  
UPPER SIDE OF CHIMNEY

WALL CLADDING ON CAVITY

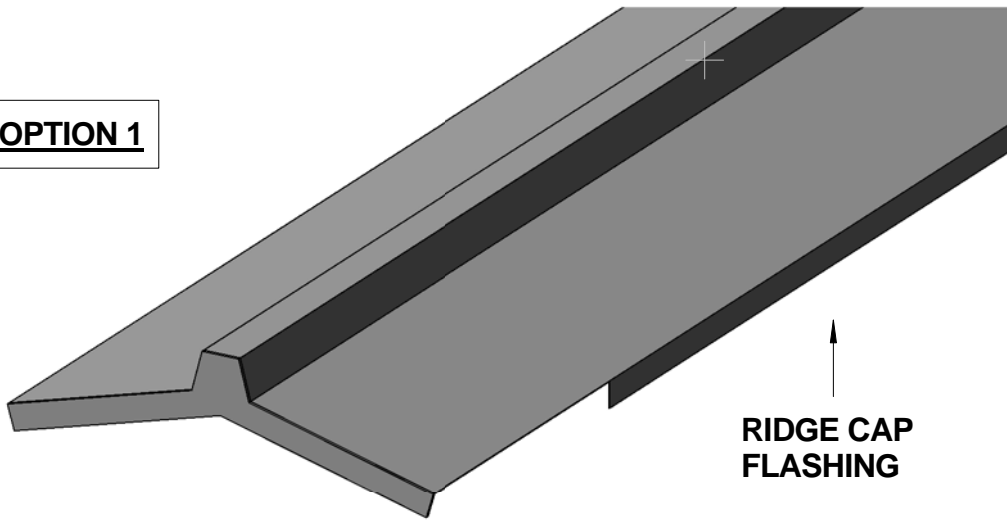
PRE-FINISHED APRON  
FLASHING

METALCRAFT MC760  
ROOFING TURN DOWN INTO  
GUTTER

PURLIN

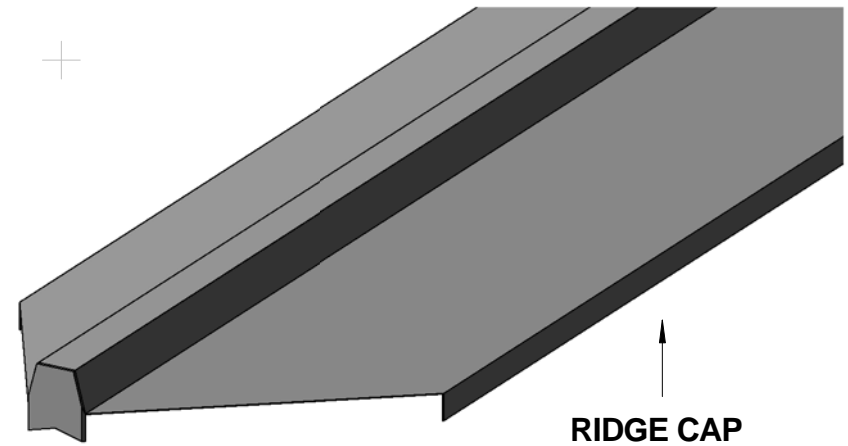
\* PLEASE REFER TO MRM CODE  
OF PRACTICE VERSION 2.2/2012  
AND RANZ HOW TO ON-SITE  
GUIDE METAL ROOF FLASHINGS  
FOR FURTHER INFORMATION ON  
FLASHING COVER WIDTHS.

**OPTION 1**

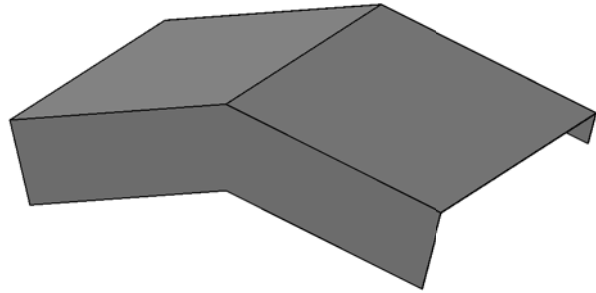


**RIDGE CAP FLASHING**

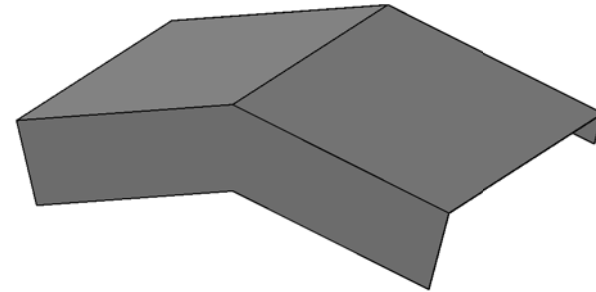
**OPTION 2**



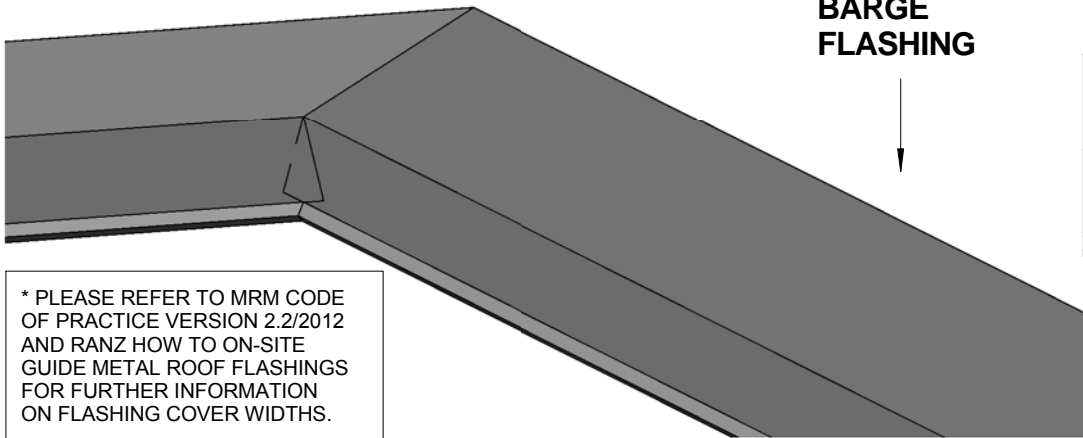
**RIDGE CAP FLASHING**



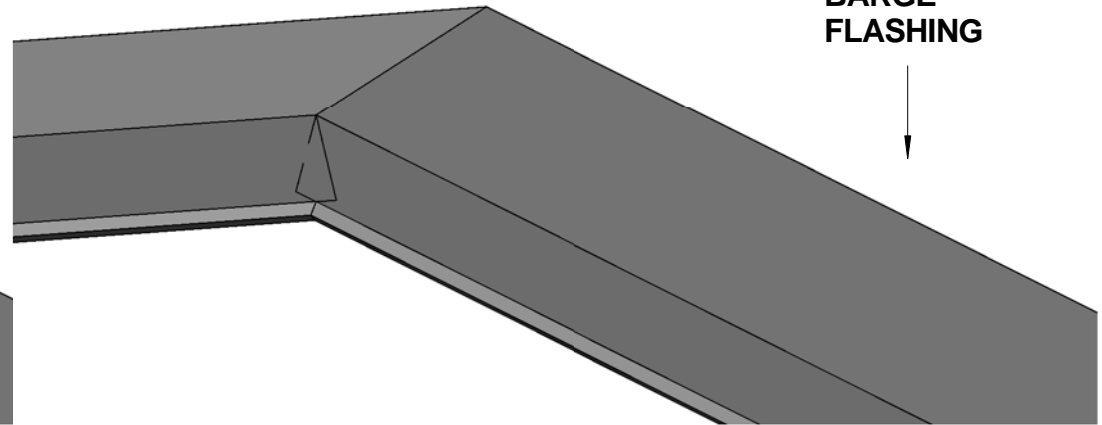
**ADDITIONAL SADDLE FLASHING**



**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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**3D-RIDGE/BARGE FLASHINGS**

**RESIDENTIAL ROOFING**

**(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