

Metdek 400

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

RRMD400

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

Architectural / Specification Enquiries

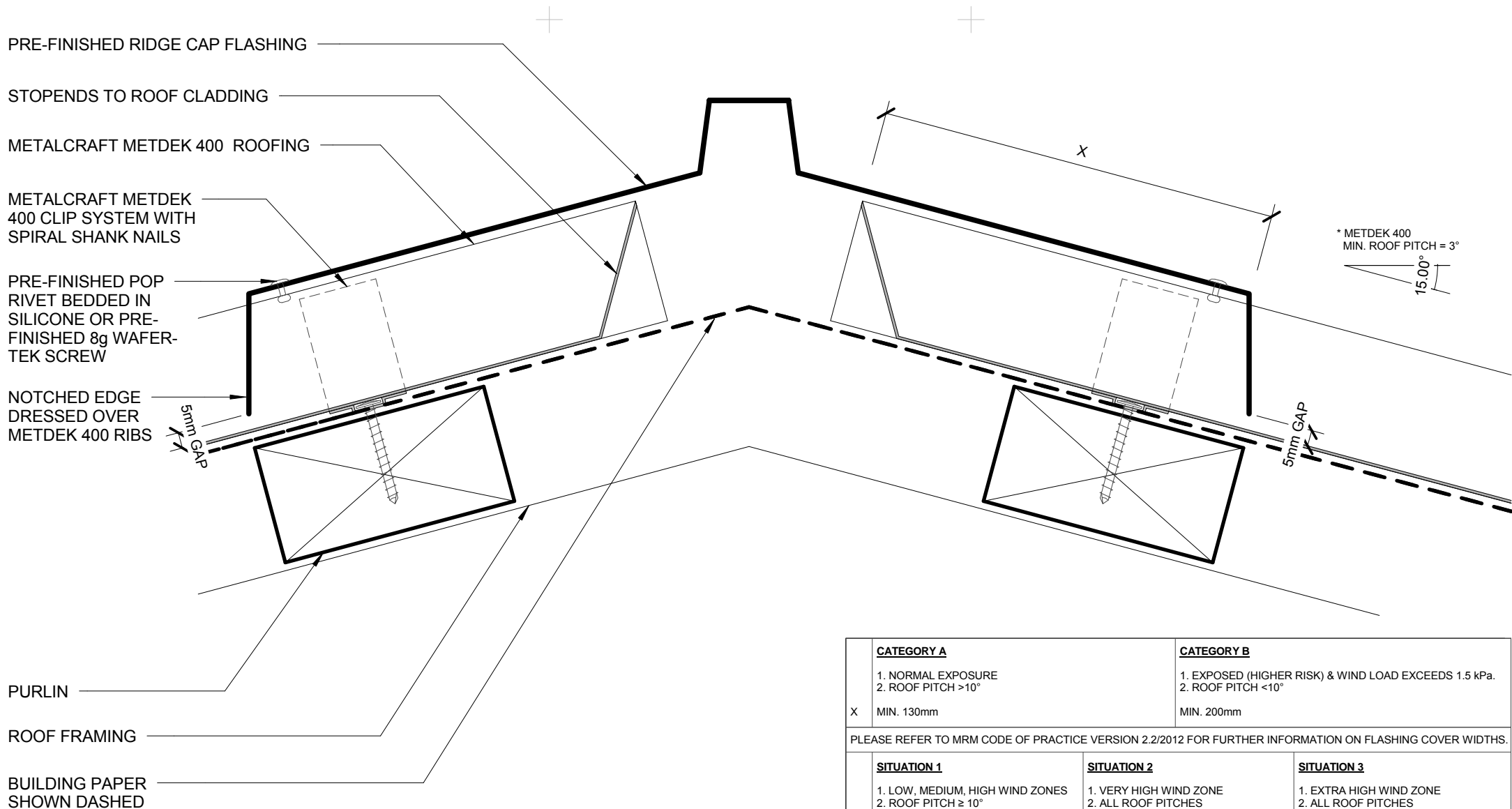
Ph: 09 274 0408

Mobile: 027 603 1096

Email: Frances.charles@unitedindustries.co.nz



Metalcraft
Roofing



PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT METDEK 400 ROOFING

METALCRAFT METDEK 400 CLIP SYSTEM WITH SPIRAL SHANK NAILS

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

NOTCHED EDGE DRESSED OVER METDEK 400 RIBS

5mm GAP

PURLIN

ROOF FRAMING

BUILDING PAPER SHOWN DASHED

* METDEK 400
MIN. ROOF PITCH = 3°

	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.			

- 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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Metdek 400

**ROOF RIDGE
RESIDENTIAL ROOFING**

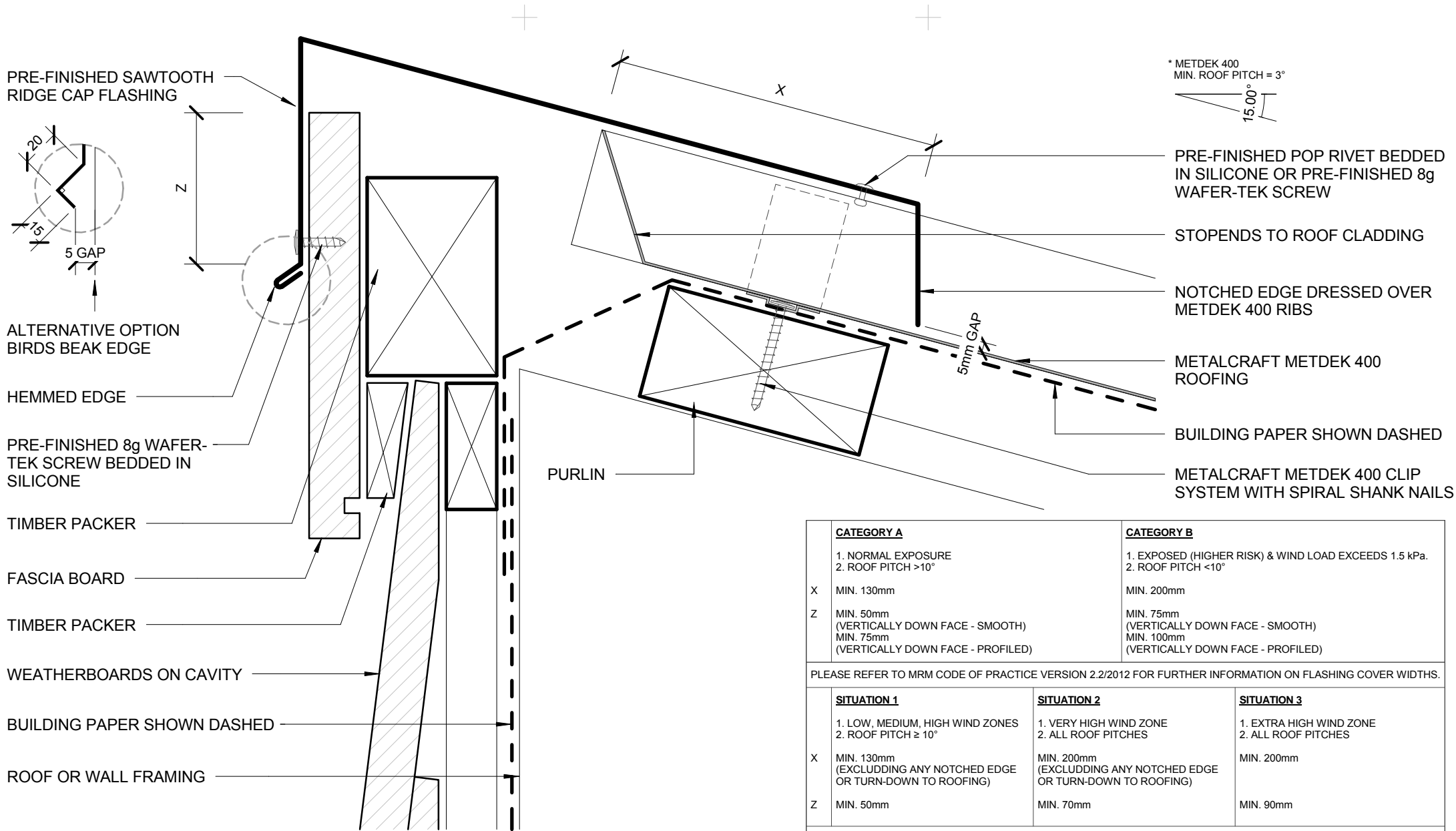
Reference RRMD400

Date 2014

Scale 1 : 2

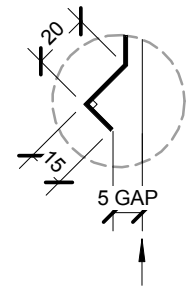
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* METDEK 400
MIN. ROOF PITCH = 3°
15.00°

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

PURLIN

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

STOPENDS TO ROOF CLADDING

NOTCHED EDGE DRESSED OVER
METDEK 400 RIBS

METALCRAFT METDEK 400
ROOFING

BUILDING PAPER SHOWN DASHED

METALCRAFT METDEK 400 CLIP
SYSTEM WITH SPIRAL SHANK NAILS

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 (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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Metdek 400

SAWTOOTH RIDGE
RESIDENTIAL ROOFING

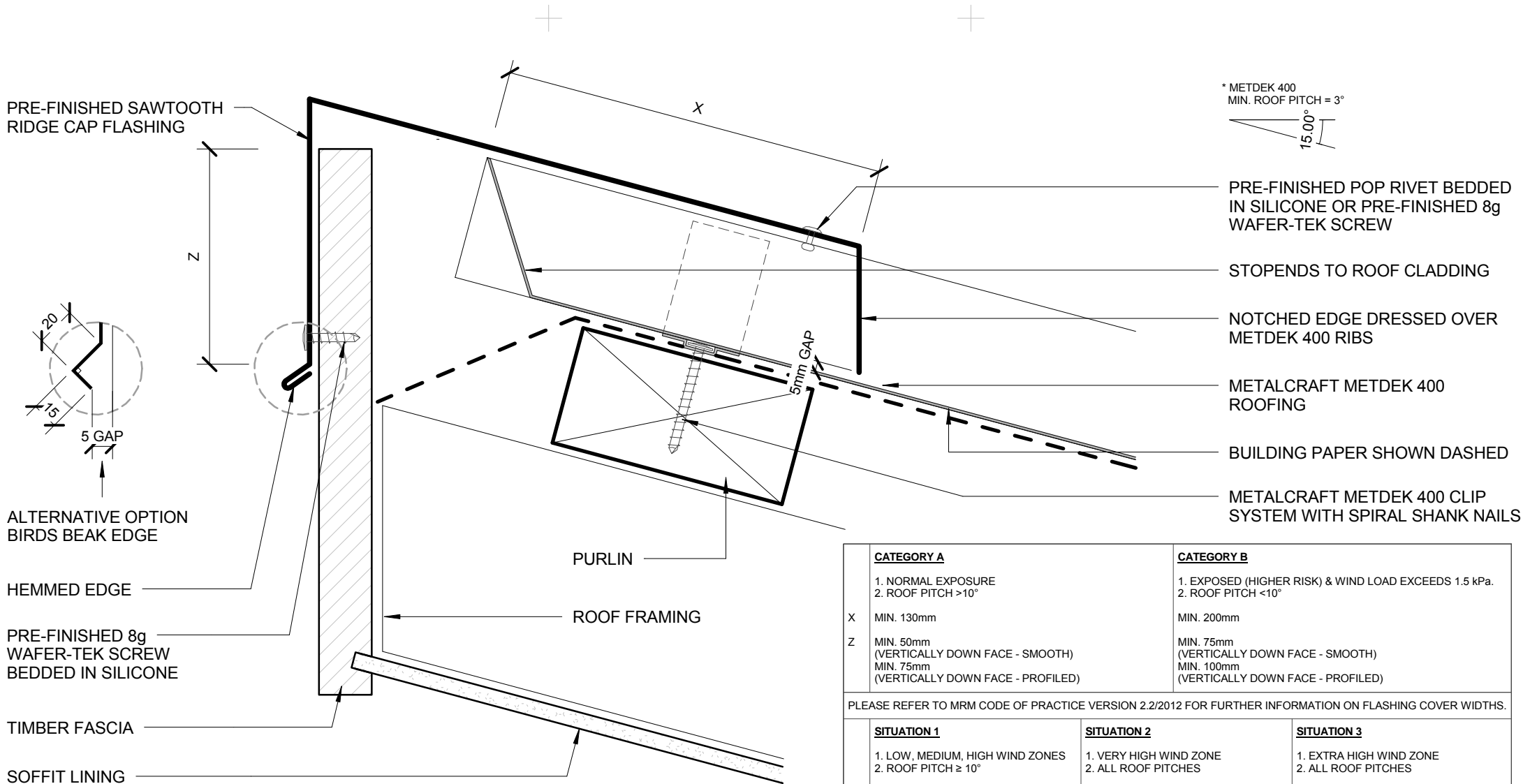
Reference RRMD400

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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 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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Metdek 400

SAWTOOTH EAVE
RESIDENTIAL ROOFING

Reference RRMD400

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METALCRAFT METDEK 400 ROOFING

METALCRAFT METDEK 400 CLIP SYSTEM WITH SPIRAL SHANK NAILS

* ROOF PITCH FOR VALLEYS AS PER E2.

A : OVERALL VALLEY GUTTER WIDTH

B : CLEARANCE BETWEEN ROOFING

C

C

MIN. 50mm

MIN. 20mm

PURLIN

ROOF FRAMING

VALLEY BOARD

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

PREFINISHED VALLEY GUTTER

SITUATION 1	SITUATION 2
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
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AND E2 FOR FURTHER INFORMATION.	

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Metdek 400

ROOF VALLEY
RESIDENTIAL ROOFING

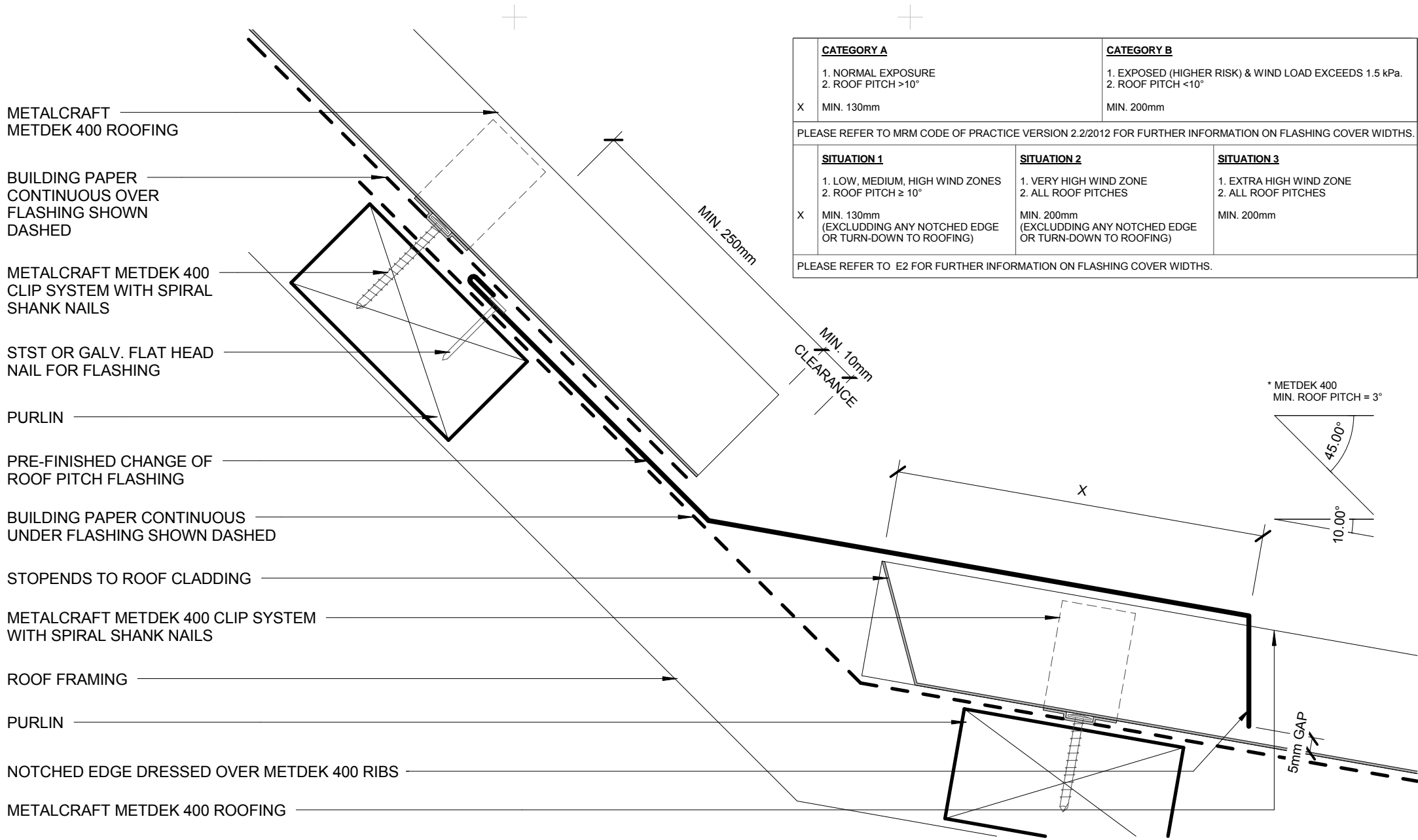
Reference RRMD400

Date 2014

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Metdek 400

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Scale 1 : 2

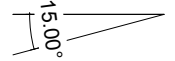
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ROOF - CHANGE PITCH
RESIDENTIAL ROOFING

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

* METDEK 400
 MIN. ROOF PITCH = 3°



METALCRAFT METDEK 400
 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
 METALCRAFT METDEK 400 CLIP
 SYSTEM WITH SPIRAL SHANK NAILS
 TIMBER ROOF FRAMING
 SOFFIT LINING

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EAVE WITH METALLINE FASCIA
 RESIDENTIAL ROOFING



Metdek 400

Reference RRMD400

Date 2014

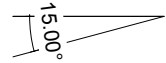
Scale 1 : 2

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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

* METDEK 400
 MIN. ROOF PITCH = 3°



METALCRAFT METDEK 400
 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
 METALCRAFT METDEK 400 CLIP
 SYSTEM WITH SPIRAL SHANK
 NAILS
 TIMBER ROOF FRAMING
 SOFFIT LINING

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EAVE WITH INTERNAL GUTTER BRACKET RESIDENTIAL ROOFING

Metdek 400

Reference RRMD400

Date 2014

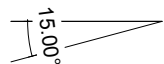
Scale 1 : 2

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EAVE FLASHING REQUIRED WHEN
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 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR
 - ENGINEER SPECIFIC DESIGN

* METDEK 400
 MIN. ROOF PITCH = 3°



MIN. 125 mm

MIN. 50mm
 OR AS REQUIRED

METALCRAFT METDEK 400
 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

METALCRAFT METDEK 400 CLIP
 SYSTEM WITH SPIRAL SHANK NAILS

TIMBER ROOF FRAMING

SOFFIT LINING

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Metdek 400

EAVE WITH SNOW STRAP
 RESIDENTIAL ROOFING

Reference RRMD400

Date 2014

Scale 1 : 2

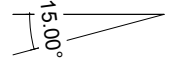
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EAVE FLASHING REQUIRED WHEN
 - ROOF PITCH $\leq 10^\circ$, OR
 - SOFFIT WIDTH $\leq 100\text{mm}$, OR
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 - ENGINEER SPECIFIC DESIGN

* METDEK 400
 MIN. ROOF PITCH = 3°



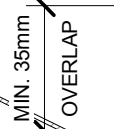
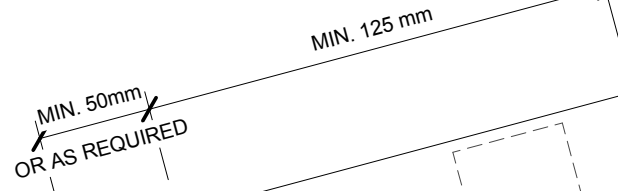
METALCRAFT METDEK 400 ROOFING
 BUILDING PAPER SHOWN DASHED

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
 METALCRAFT METDEK 400 CLIP SYSTEM WITH SPIRAL SHANK NAILS
 TIMBER PACKER
 BUILDING PAPER SHOWN DASHED
 ROOF FRAMING



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FLUSH EAVE WITH INTERNAL GUTTER BRACKET
 RESIDENTIAL ROOFING



Metdek 400

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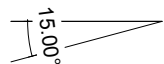
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EAVE FLASHING REQUIRED WHEN
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 - SOFFIT WIDTH $\leq 100\text{mm}$, OR
 - WIND ZONES = VERY HIGH OR EXTRA HIGH OR
 - ENGINEER SPECIFIC DESIGN

* METDEK 400
 MIN. ROOF PITCH = 3°



METALCRAFT METDEK 400 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

METALCRAFT METDEK 400 CLIP SYSTEM WITH SPIRAL SHANK NAILS

TIMBER PACKER

BUILDING PAPER SHOWN DASHED

ROOF FRAMING

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FLUSH EAVE WITH EXTERNAL GUTTER BRACKET
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Metdek 400

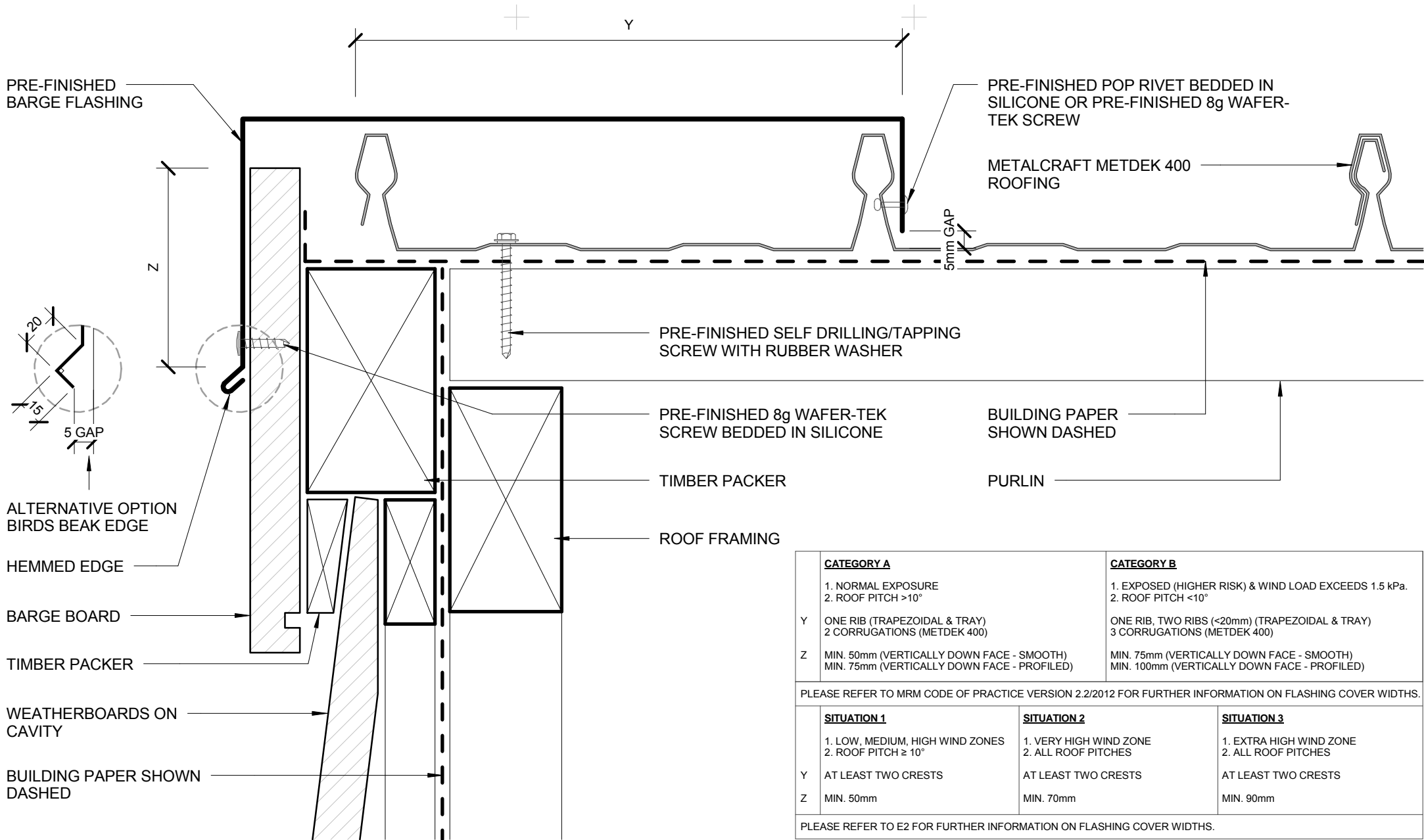
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	CATEGORY A	CATEGORY B	
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°	
Y	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (METDEK 400)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (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)	
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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
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.			

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BARGE WITH PROFILED CLADDING RESIDENTIAL ROOFING



Metdek 400

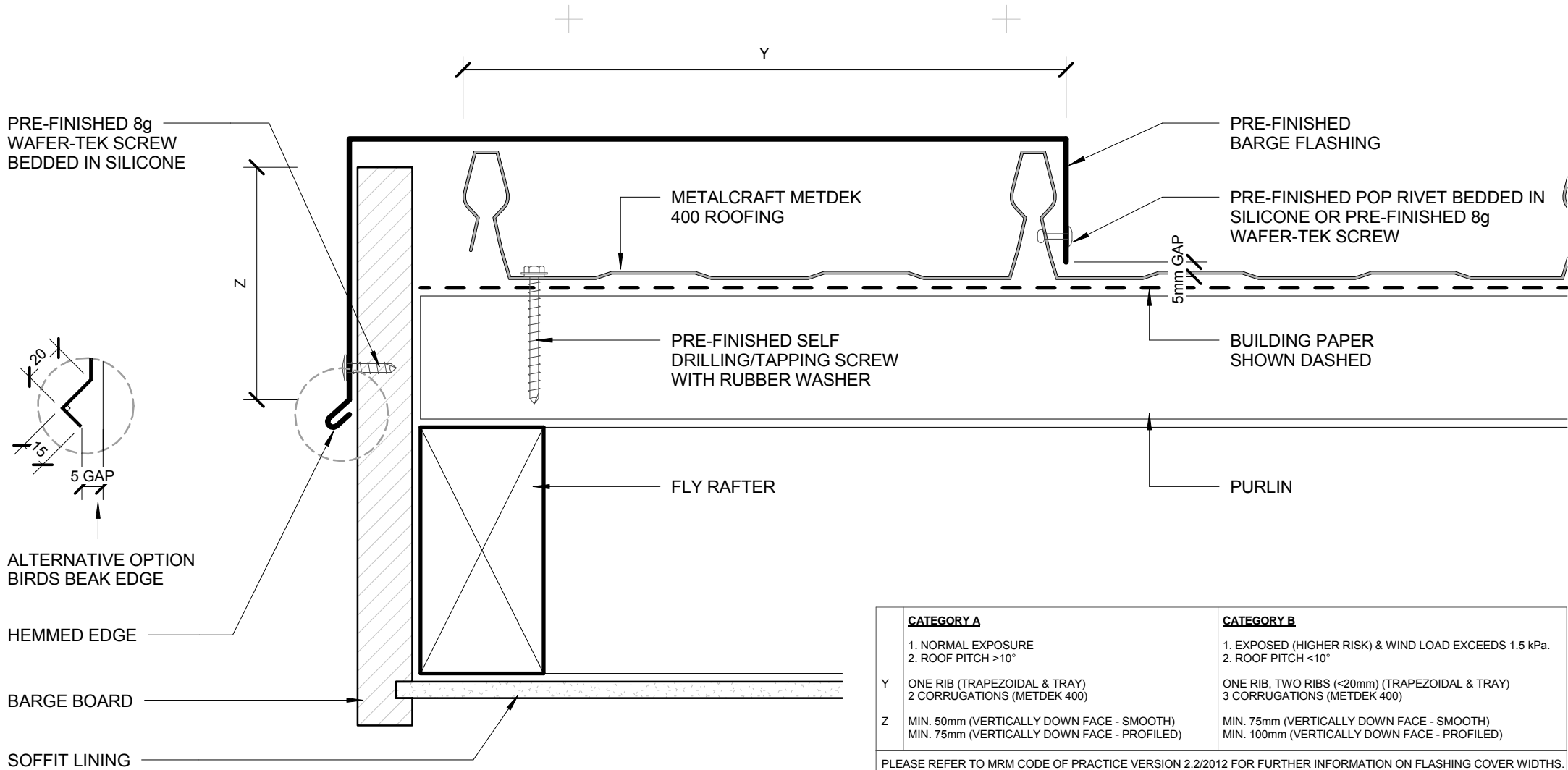
Reference RRMD400

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°	
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.			

- 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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Metdek 400

BARGE OVERHANG
RESIDENTIAL ROOFING

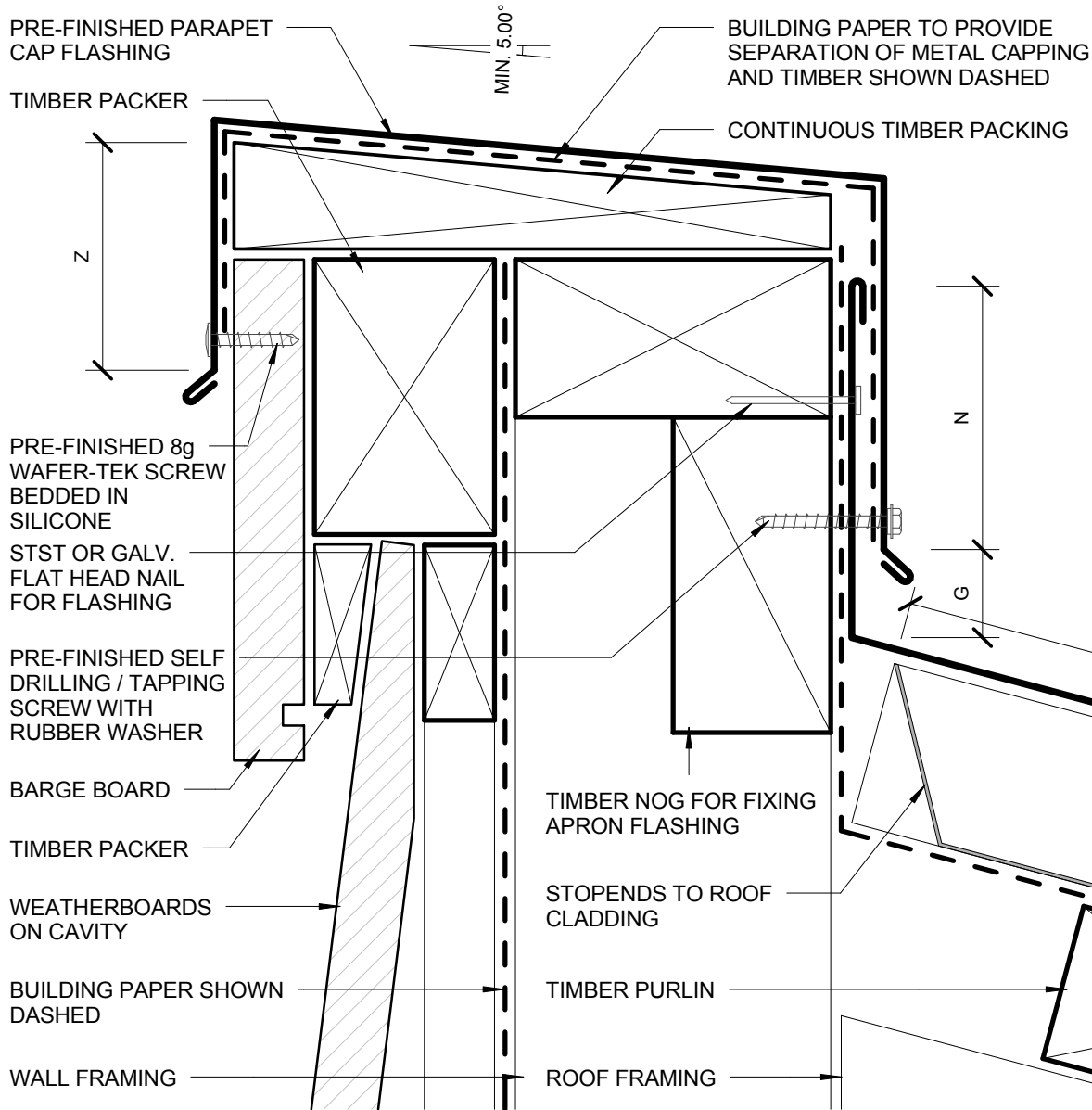
Reference RRMD400

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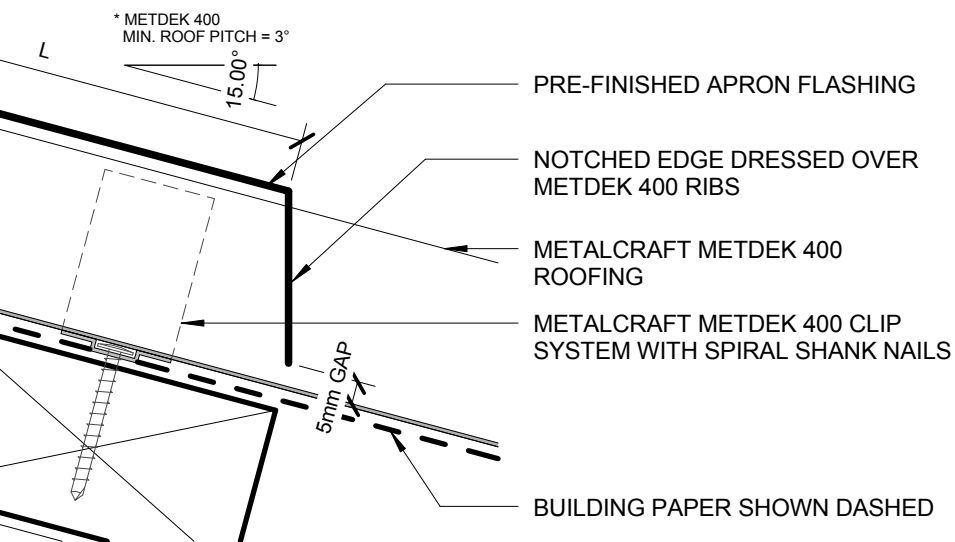


	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
G	25mm	25mm
N	MIN. 50mm + HEM <u>OR</u> 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM <u>OR</u> 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 75mm + HEM <u>OR</u> 100mm (VERTICALLY UP FACE - SMOOTH) MIN. 100mm + HEM <u>OR</u> 125mm (VERTICALLY UP FACE - PROFILED)
L	MIN. 150mm	MIN. 200mm
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)

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	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
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

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



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

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PARAPET WITH TRANSVERSE APRON RESIDENTIAL ROOFING

Metdek 400

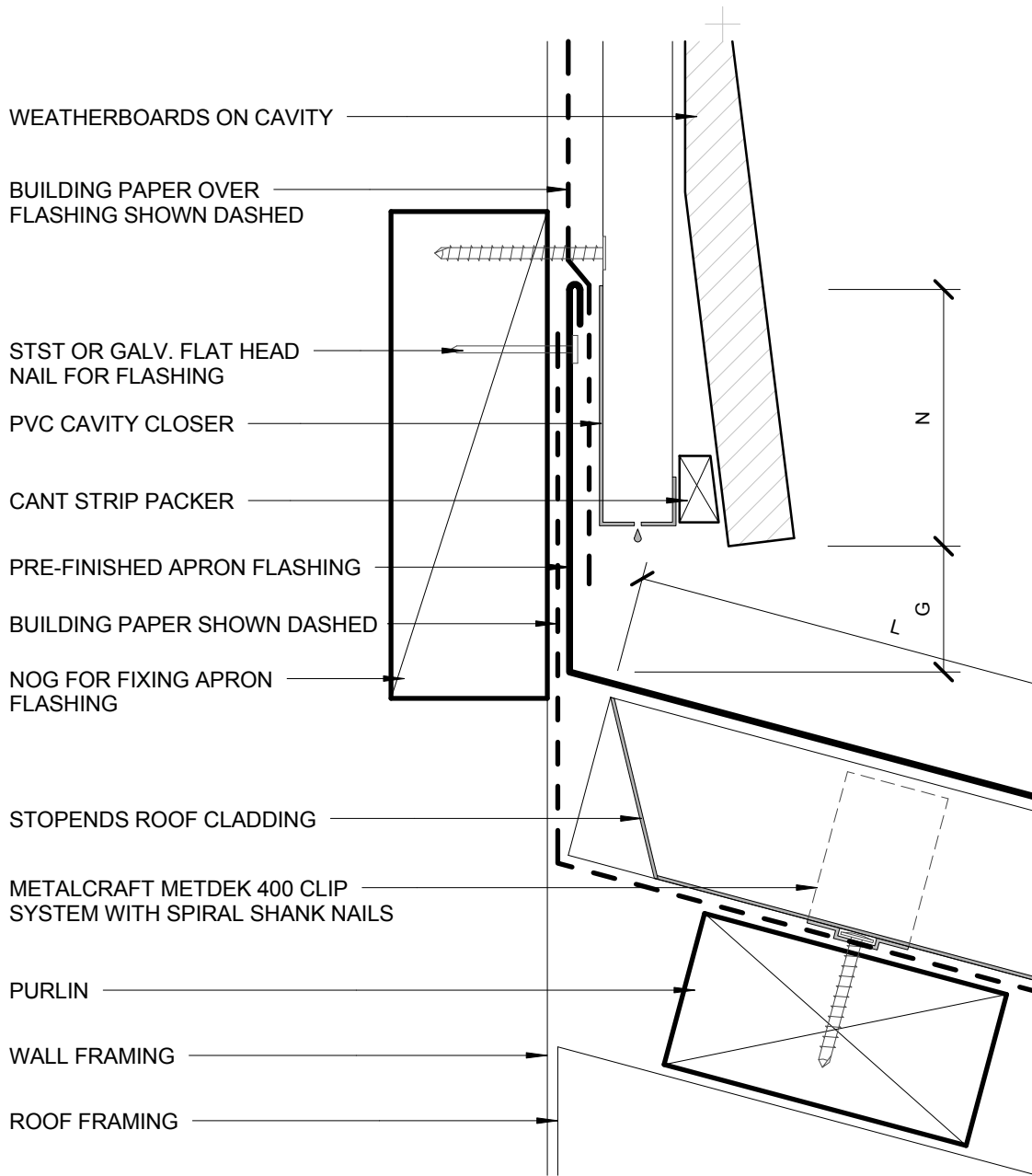
Reference RRMD400

Date 2014

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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.

* METDEK 400
MIN. ROOF PITCH = 3°
15.00°

NOTCHED EDGE DRESSED OVER METDEK 400 RIBS

METALCRAFT METDEK 400 ROOFING

BUILDING PAPER SHOWN DASHED

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* - 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



Metdek 400

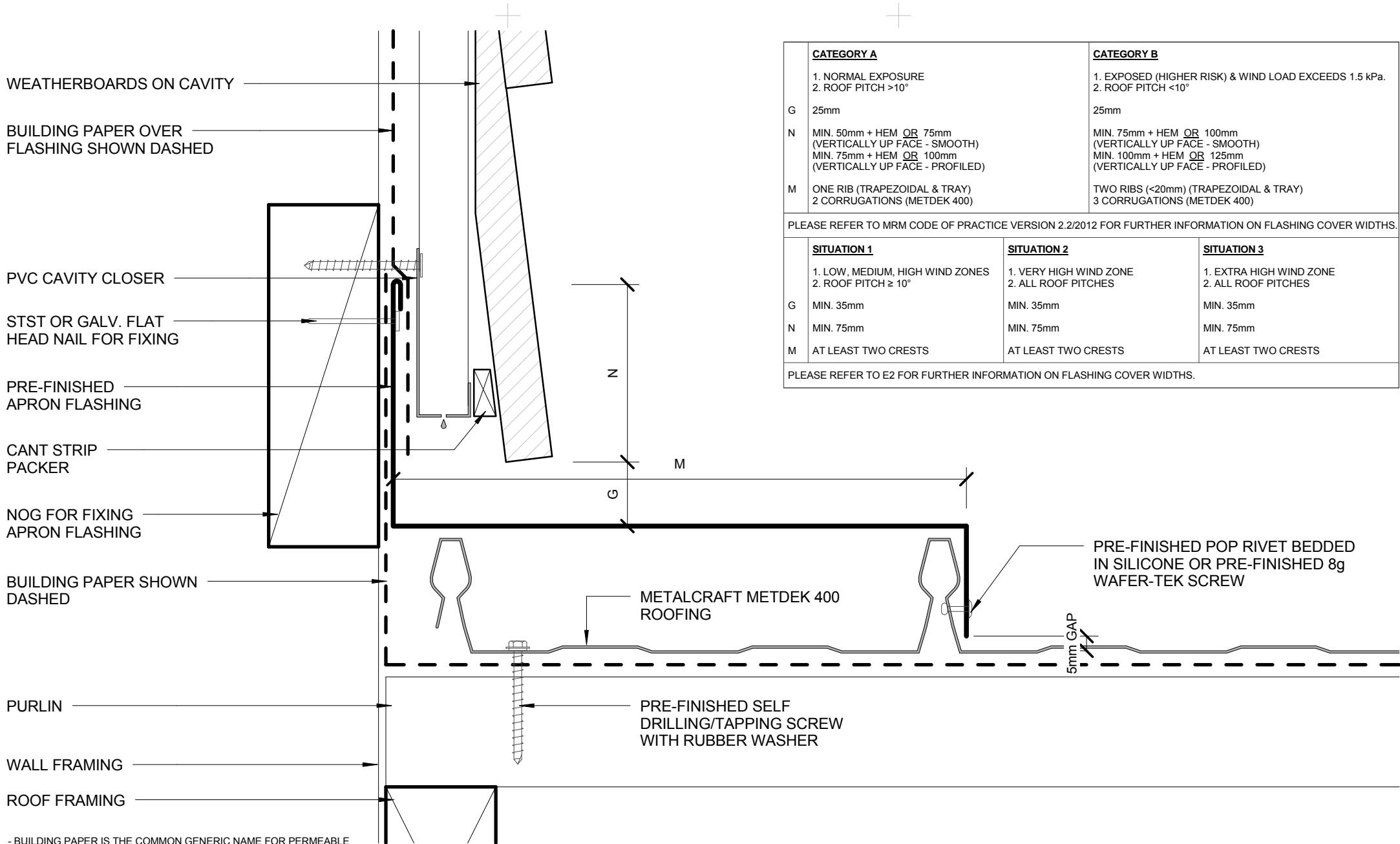
Reference RRMD400

Date 2014

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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 <u>OR</u> 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM <u>OR</u> 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 75mm + HEM <u>OR</u> 100mm (VERTICALLY UP FACE - SMOOTH) MIN. 100mm + HEM <u>OR</u> 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.

- 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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Metdek 400

**PARALLEL APRON
RESIDENTIAL ROOFING**

Reference RRMD400

Date 2014

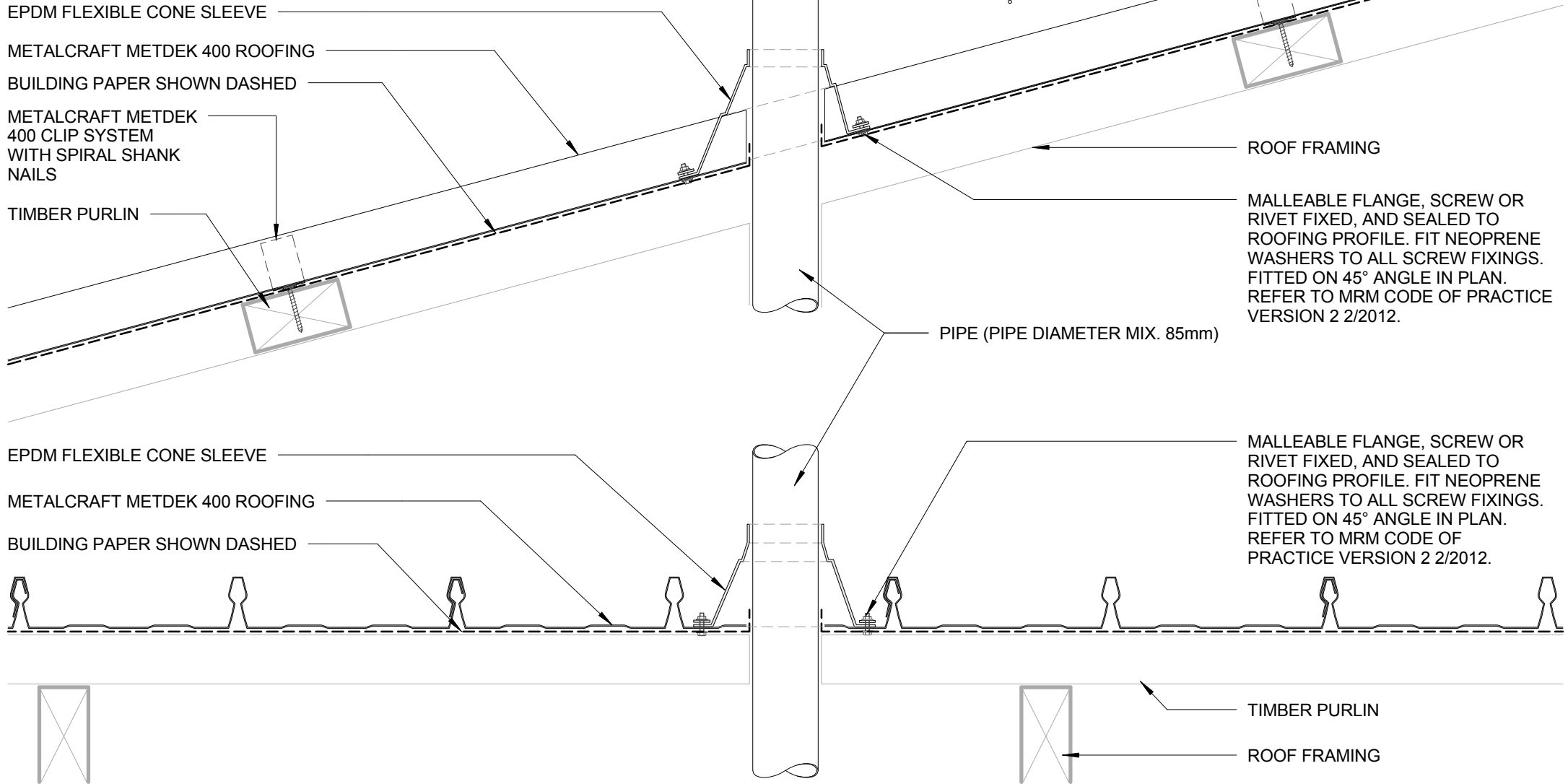
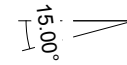
Scale 1 : 2

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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 METDEK 400 ROOFING
 BUILDING PAPER SHOWN DASHED

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 MAX. 85mm)

EPDM FLEXIBLE CONE SLEEVE
 METALCRAFT METDEK 400 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

- 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



Metdek 400

Reference RRMD400

Date 2014

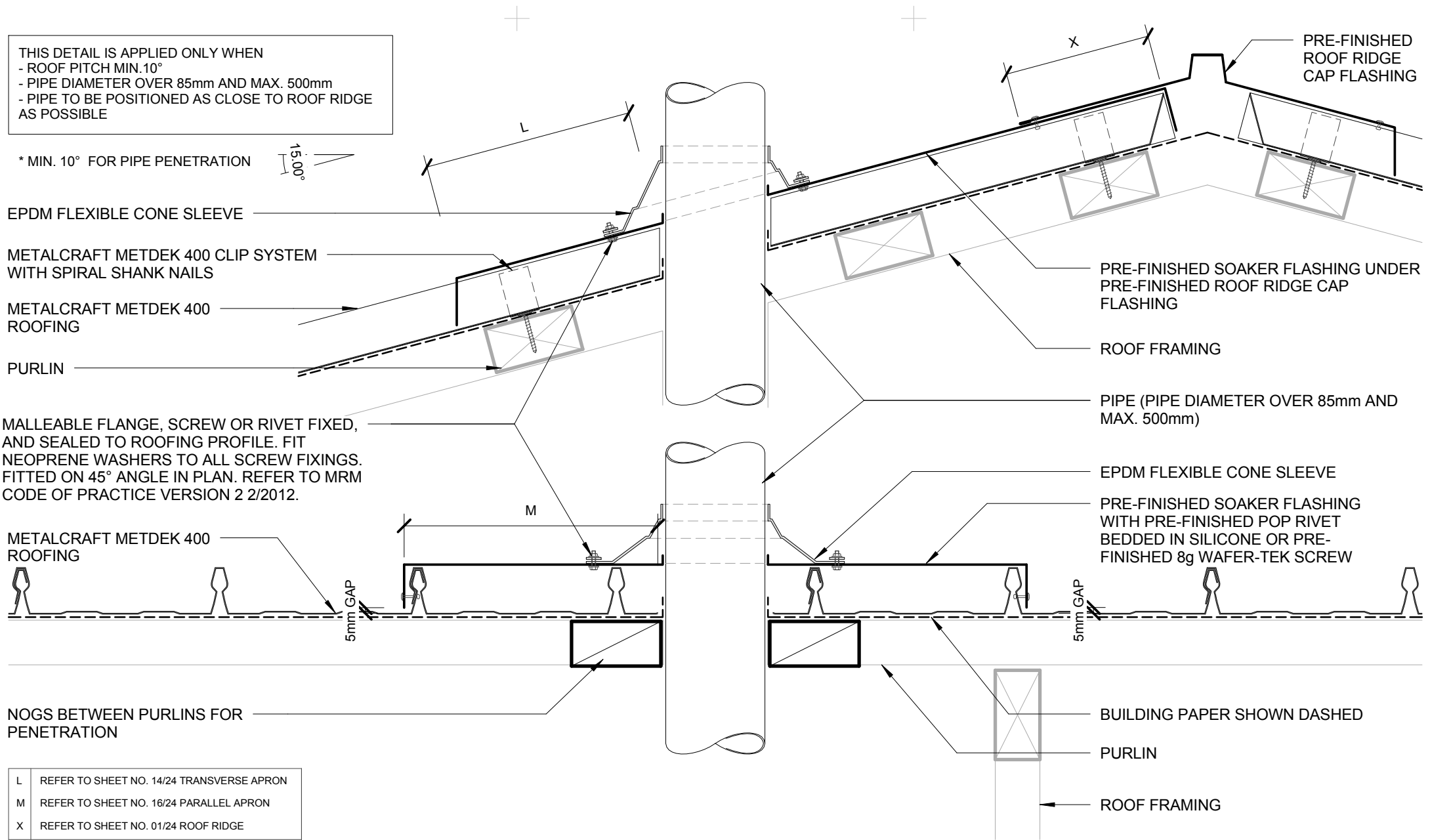
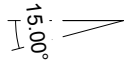
Scale 1 : 5

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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



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 METDEK 400 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



Metdek 400

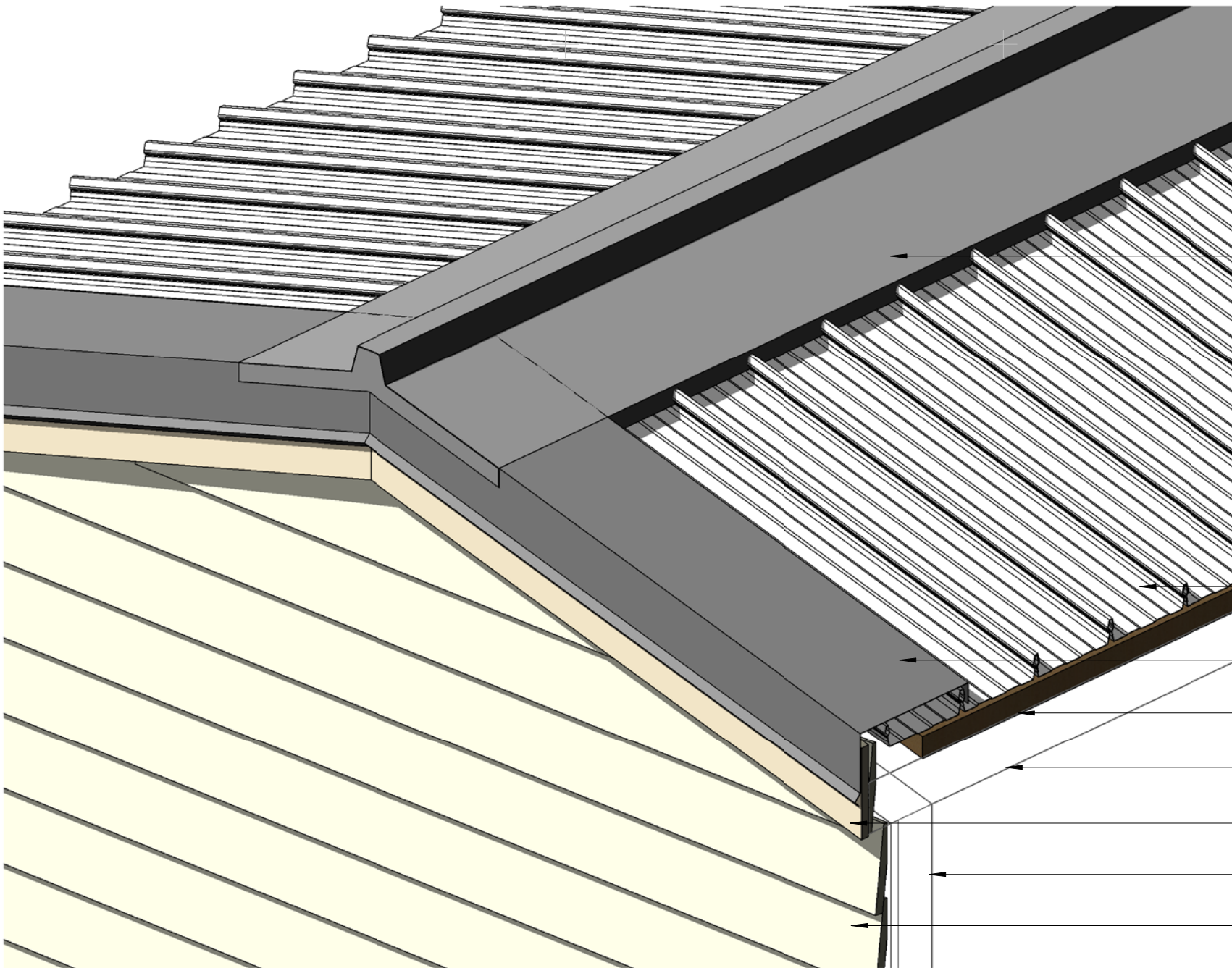
Reference RRMD400

Date 2014

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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 METDEK 400 ROOFING

PRE-FINISHED BARGE FLASHING

PURLIN

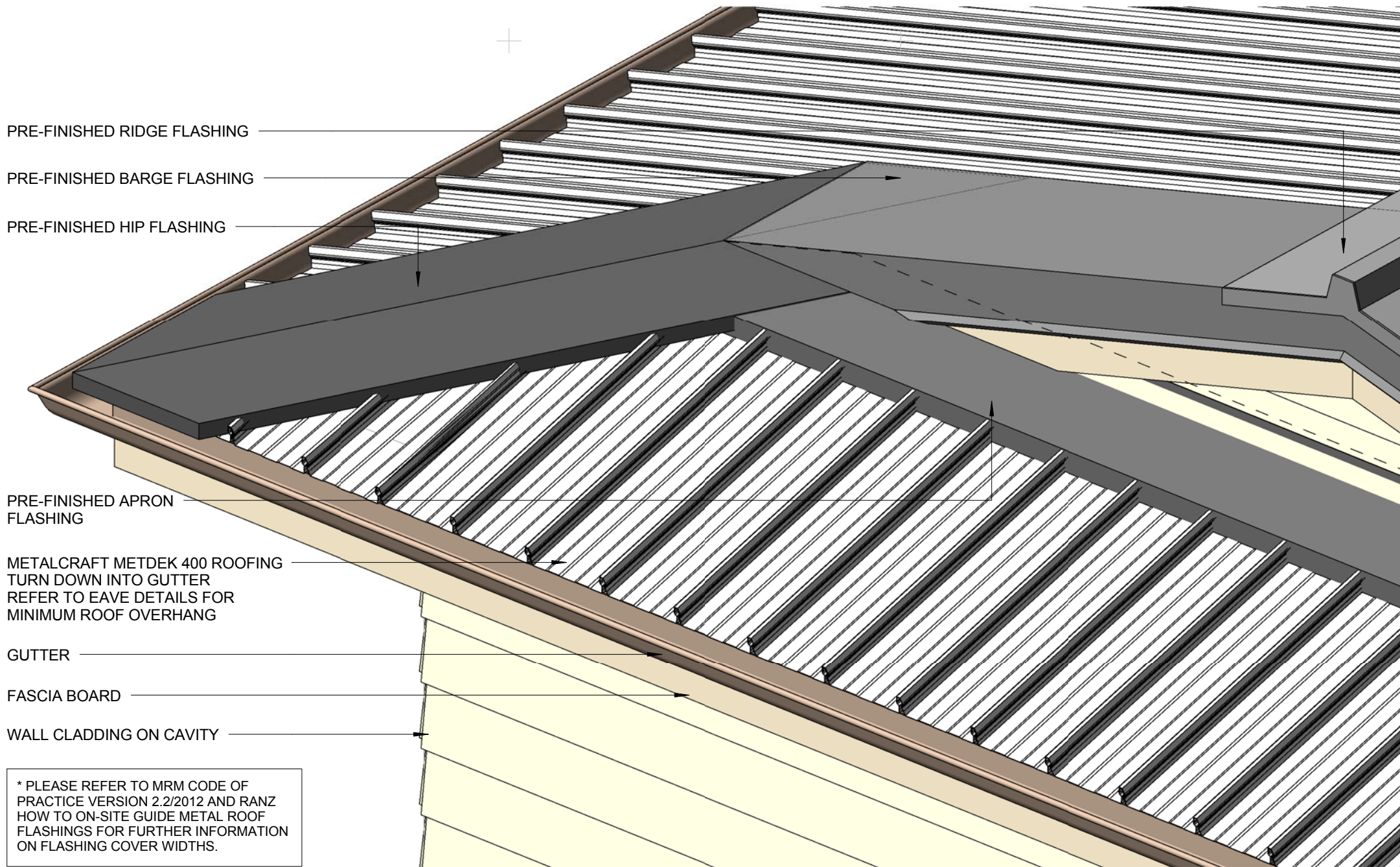
ROOF FRAMING

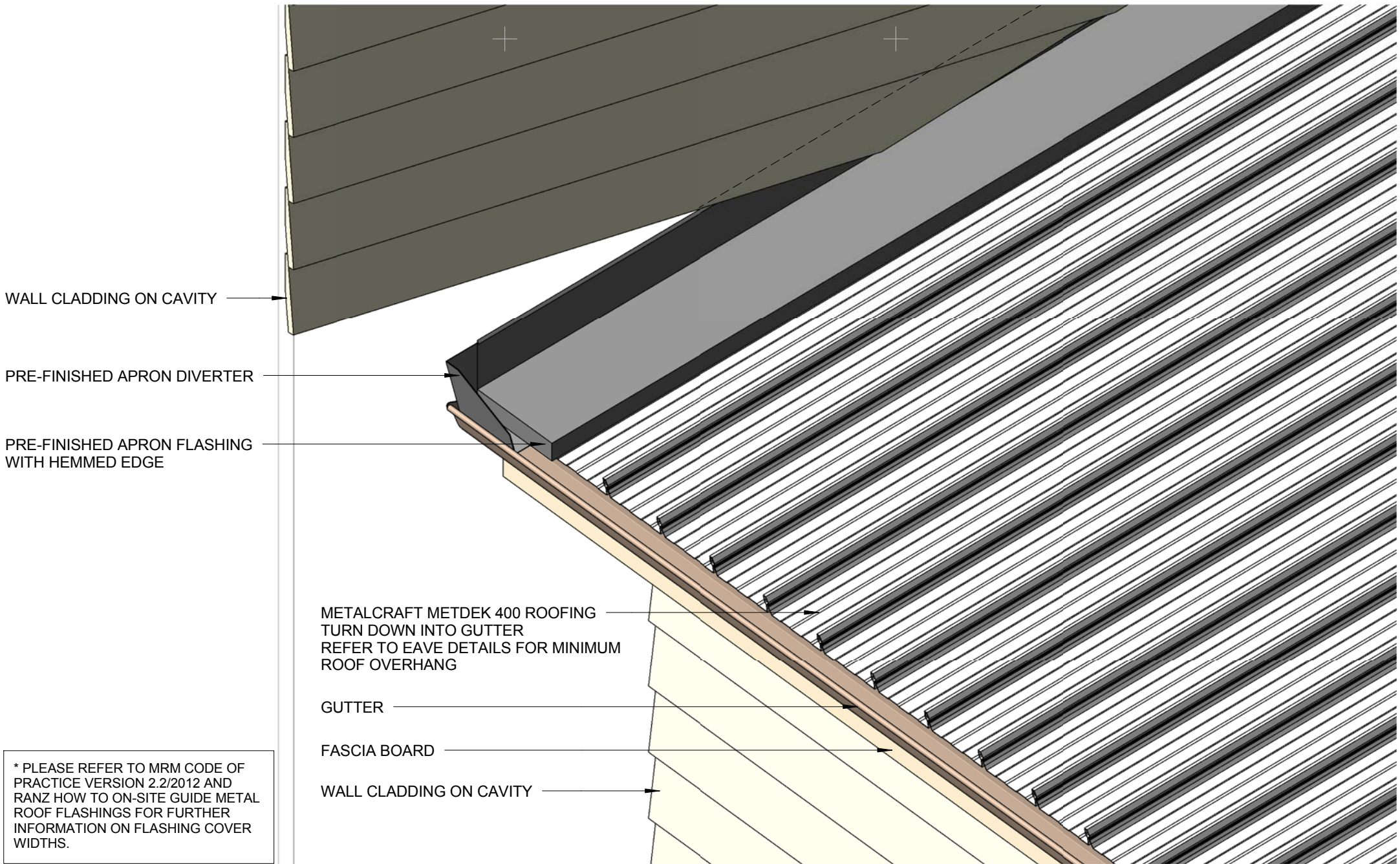
FASCIA BOARD

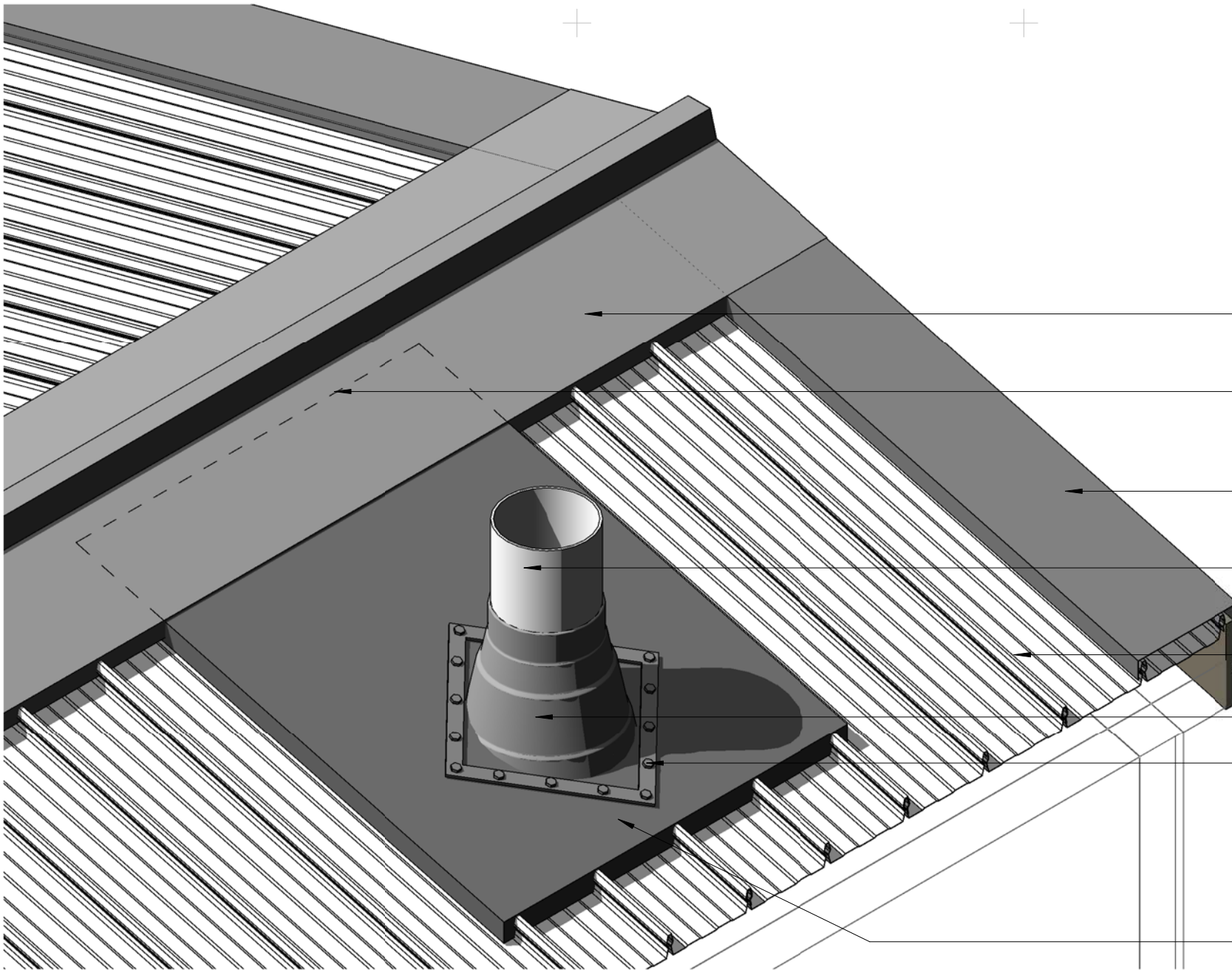
WALL FRAMING

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 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

Metdek 400

RESIDENTIAL ROOFING

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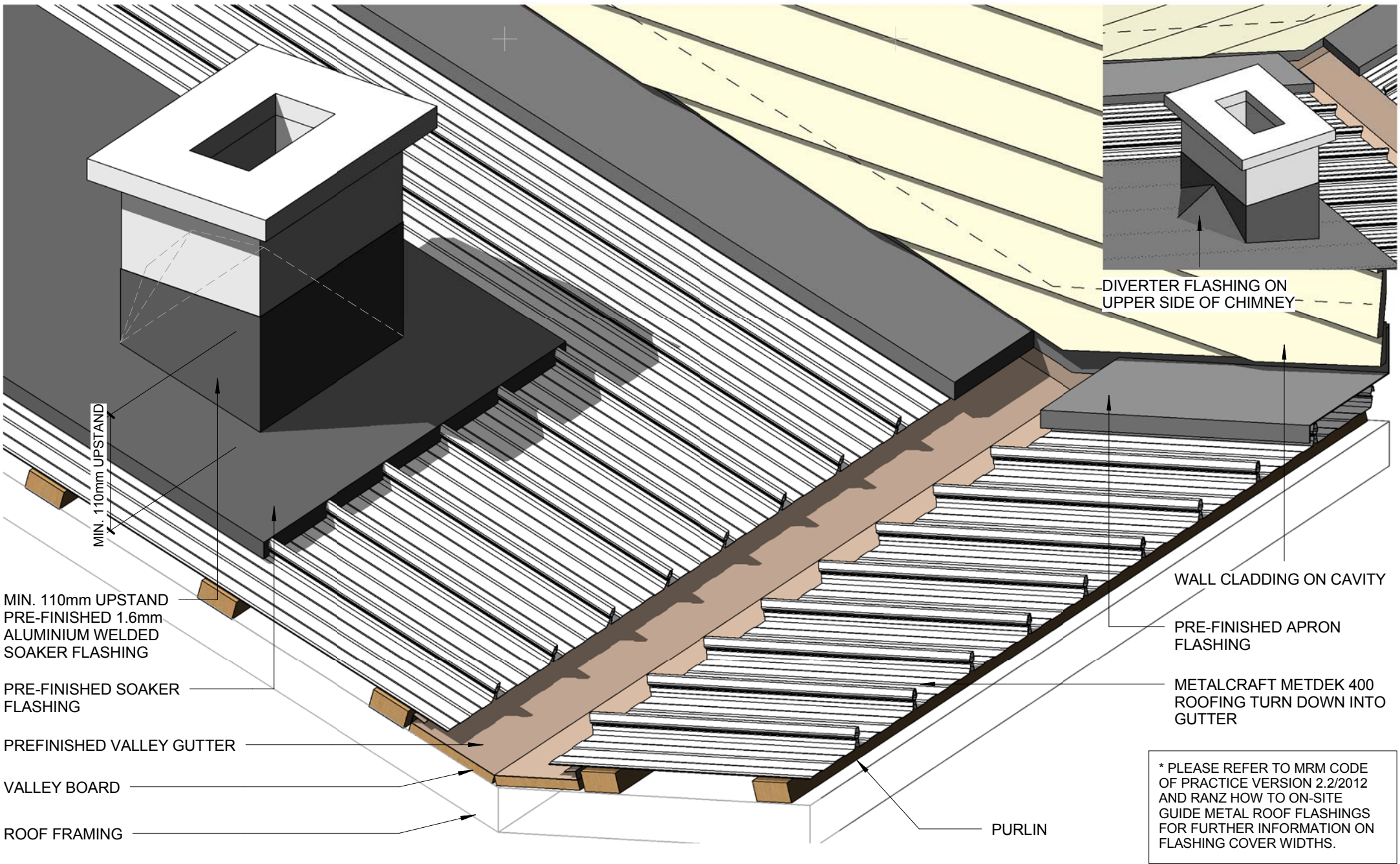
Reference RRMD400

Date 2014

Scale

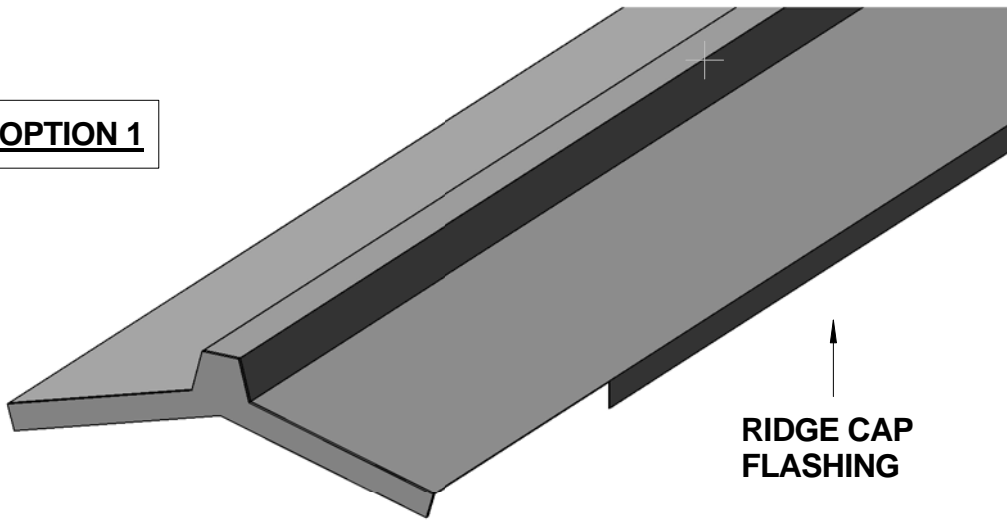
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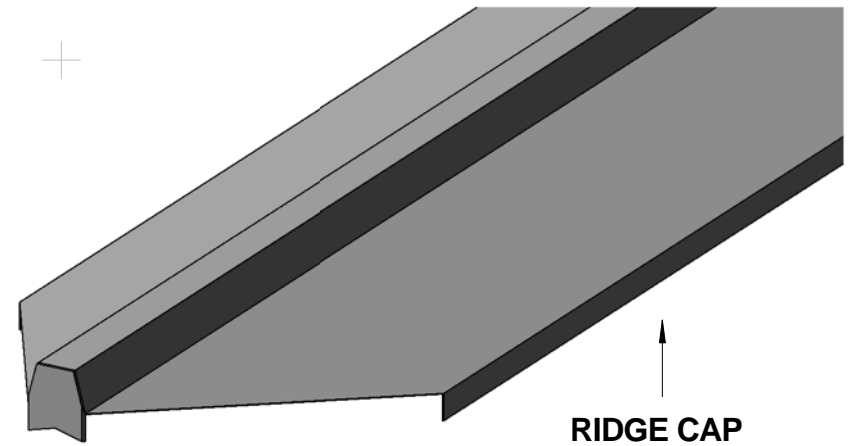
* PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AND RANZ HOW TO ON-SITE GUIDE METAL ROOF FLASHINGS FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

OPTION 1

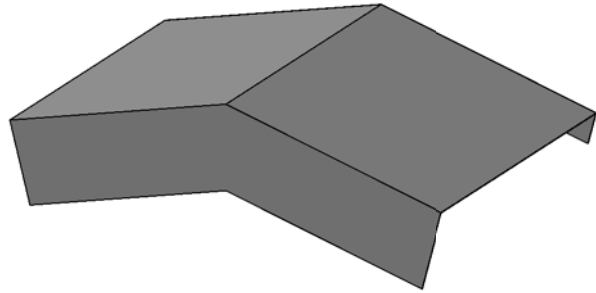


**RIDGE CAP
FLASHING**

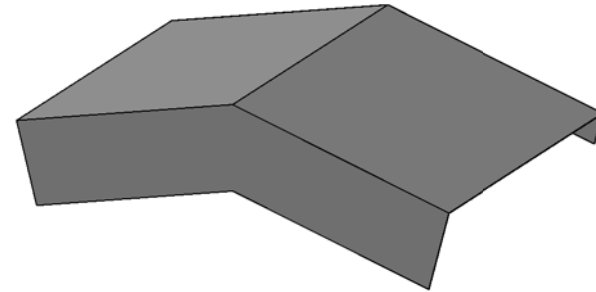
OPTION 2



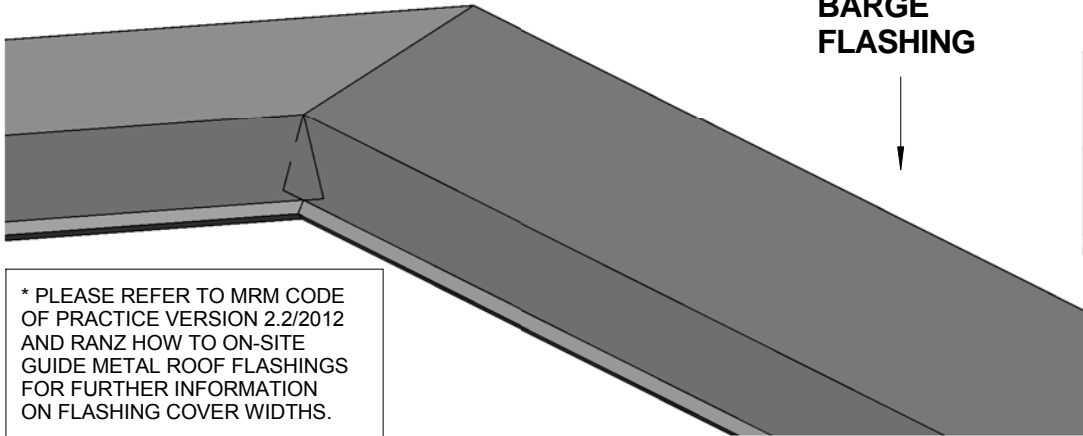
**RIDGE CAP
FLASHING**



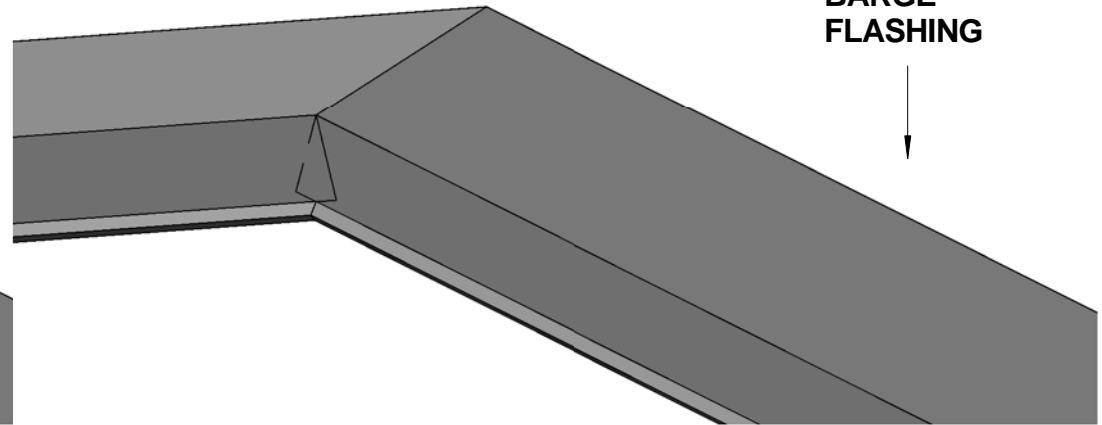
**ADDITIONAL
SADDLE
FLASHING**



**ADDITIONAL
SADDLE
FLASHING**



**BARGE
FLASHING**



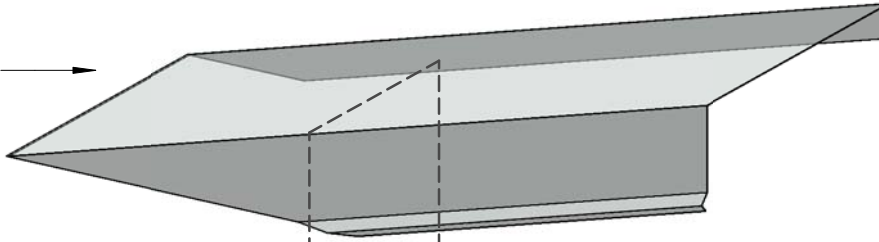
**BARGE
FLASHING**

* 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.

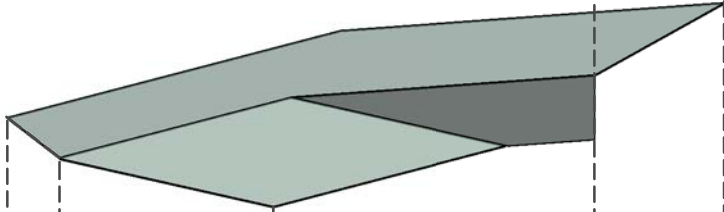
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3D RIDGE/BARGE FLASHINGS
RESIDENTIAL ROOFING

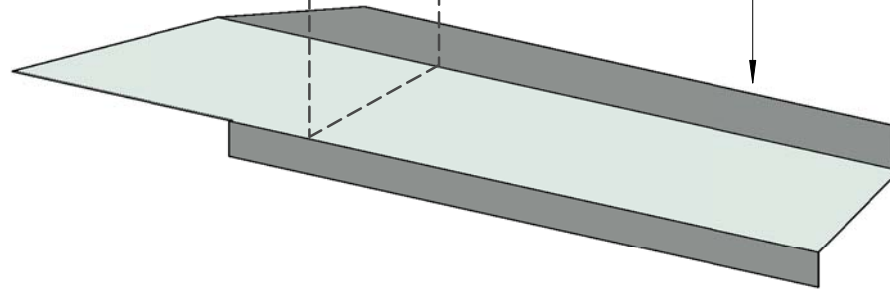
(4) PRE-FINISHED
BARGE FLASHING



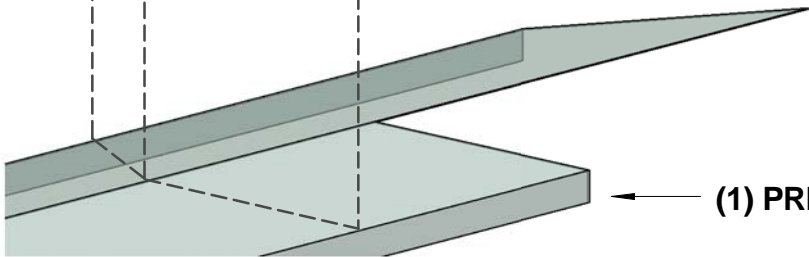
(3) PRE-FINISHED 3D
SADDLE FLASHING



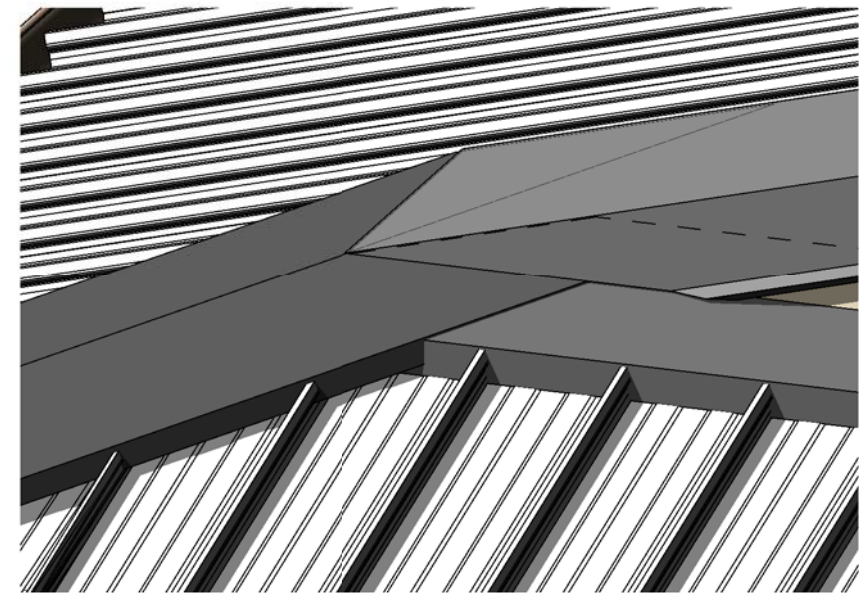
(2) PRE-FINISHED
APRON FLASHING



(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