

MC760

COMMERCIAL ROOFING

DETAIL LIST

00 / 14	COVER SHEET
01 / 14	RIDGE WITH PROFILED APEX
02 / 14	RIDGE WITH NON PROFILED APEX
03 / 14	SAWTOOTH RIDGE
04 / 14	FLUSH EAVE WITH EXTERNAL GUTTER BRACKET
05 / 14	FLUSH EAVE WITH PAN FIXED GUTTER
06 / 14	BARGE OVERHANG
07 / 14	BARGE WITH PROFILED CLADDING
08 / 14	PARAPET WITH TRANSVERSE APRON
09 / 14	TRANSVERSE APRON
10 / 14	PARALLEL APRON
11 / 14	ROOF STEP
12 / 14	TRANSLUCENT SHEETS - LONG SECTION
13 / 14	TRANSLUCENT SHEETS - CROSS
14 / 14	3D TRANSLUCENT SHEETS

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

Architectural / Specification Enquiries

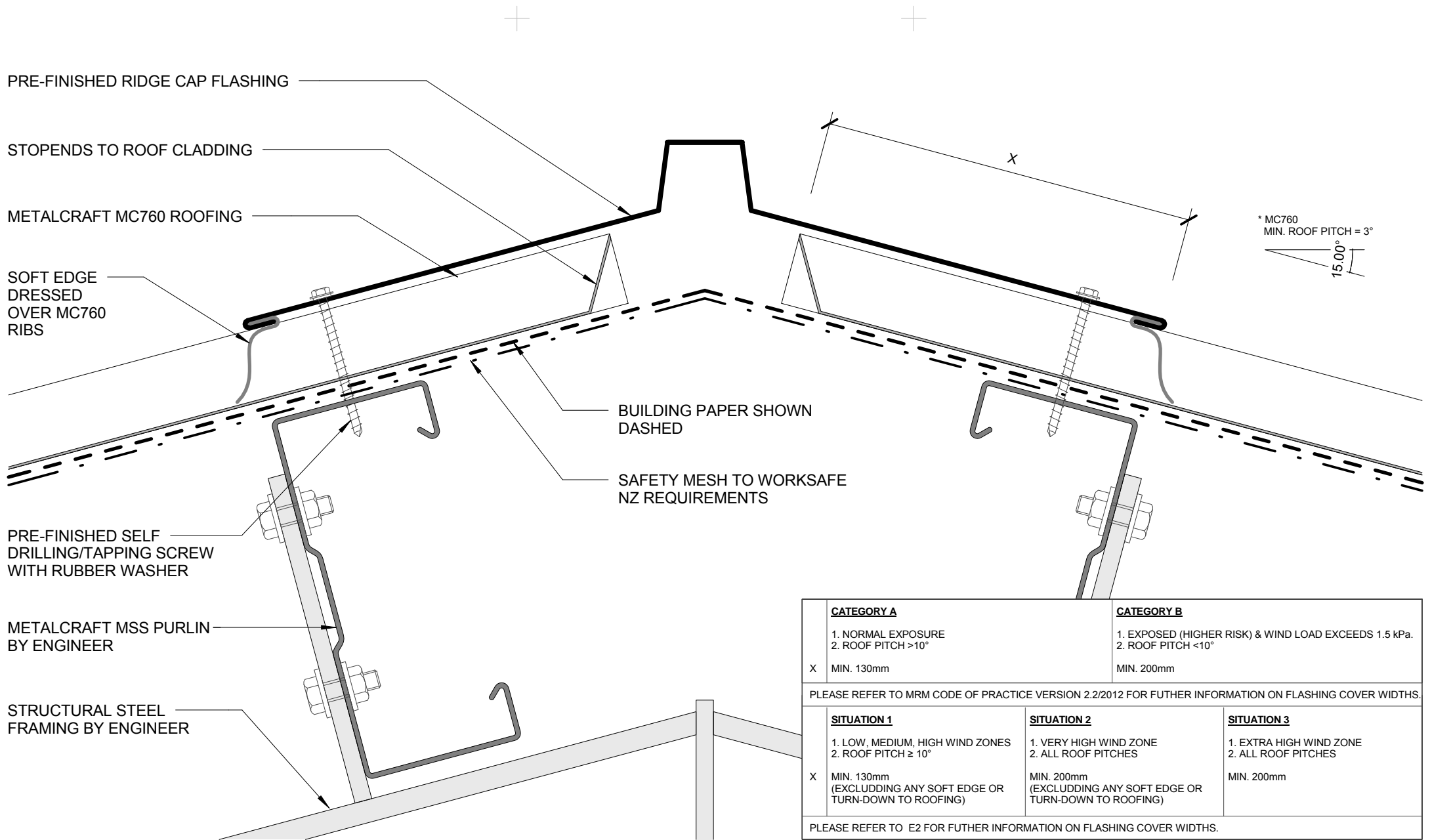
Ph: 09 274 0408

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Email: Frances.charles@unitedindustries.co.nz



Metalcraft
Roofing



PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT MC760 ROOFING

SOFT EDGE DRESSED OVER MC760 RIBS

BUILDING PAPER SHOWN DASHED

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

METALCRAFT MSS PURLIN BY ENGINEER

STRUCTURAL STEEL FRAMING BY ENGINEER

* MC760
MIN. ROOF PITCH = 3°
15.00°

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	X	MIN. 200mm		
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FUTHER INFORMATION ON FLASHING COVER WIDTHS.					
SITUATION 1		SITUATION 2		SITUATION 3	
1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°		1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES		1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES	
X	MIN. 130mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	X	MIN. 200mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	X	MIN. 200mm
PLEASE REFER TO E2 FOR FUTHER 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.

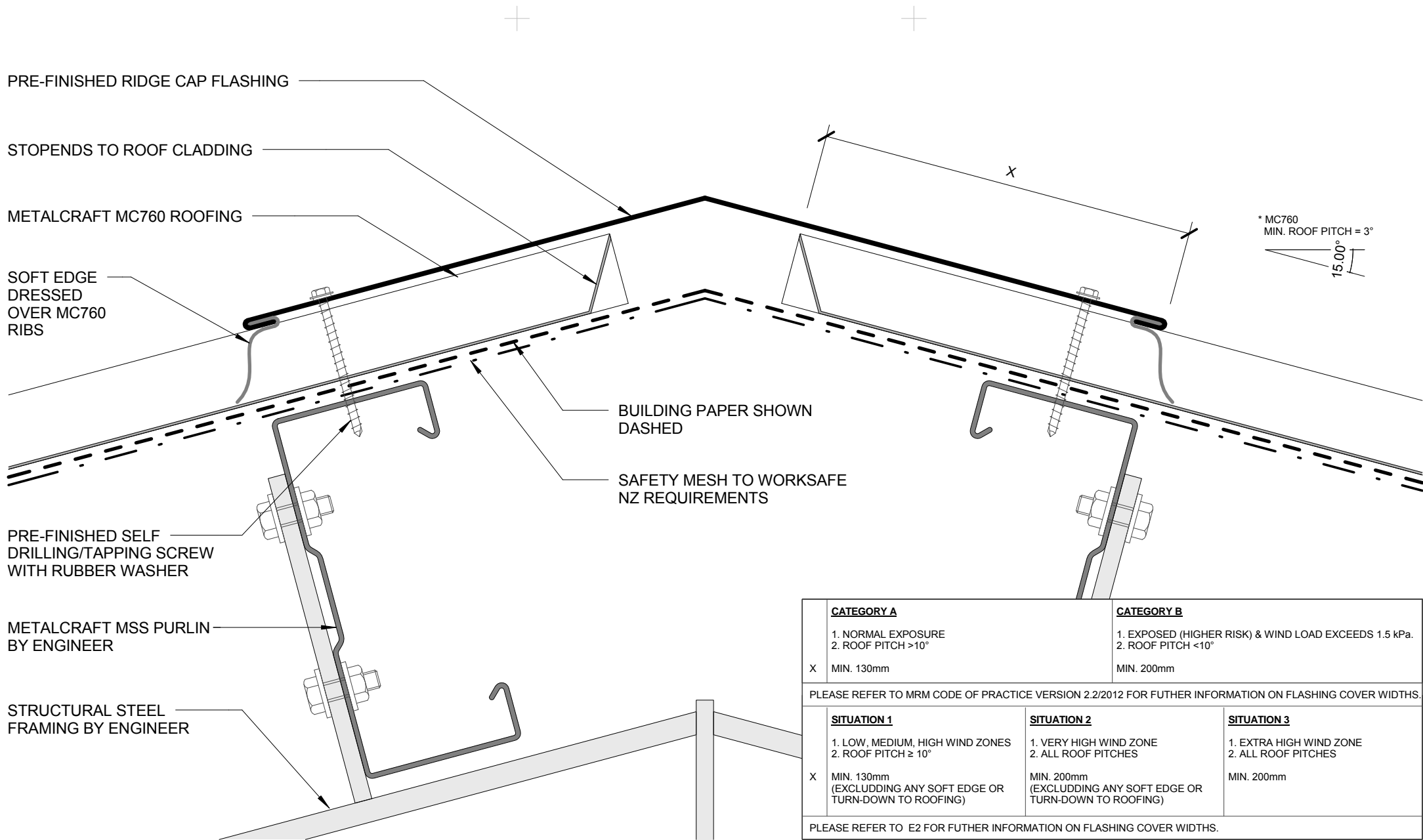
* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.

DISCLAIMER:
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RIDGE WITH PROFILED APEX
COMMERCIAL ROOFING



MC760



PRE-FINISHED RIDGE CAP FLASHING

STOPENDS TO ROOF CLADDING

METALCRAFT MC760 ROOFING

SOFT EDGE DRESSED OVER MC760 RIBS

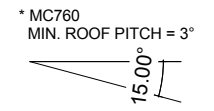
BUILDING PAPER SHOWN DASHED

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

METALCRAFT MSS PURLIN BY ENGINEER

STRUCTURAL STEEL FRAMING BY ENGINEER



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 FUTHER INFORMATION ON FLASHING COVER WIDTHS.			
SITUATION 1		SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°		1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
X	MIN. 130mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm
PLEASE REFER TO E2 FOR FUTHER INFORMATION ON FLASHING COVER WIDTHS.			

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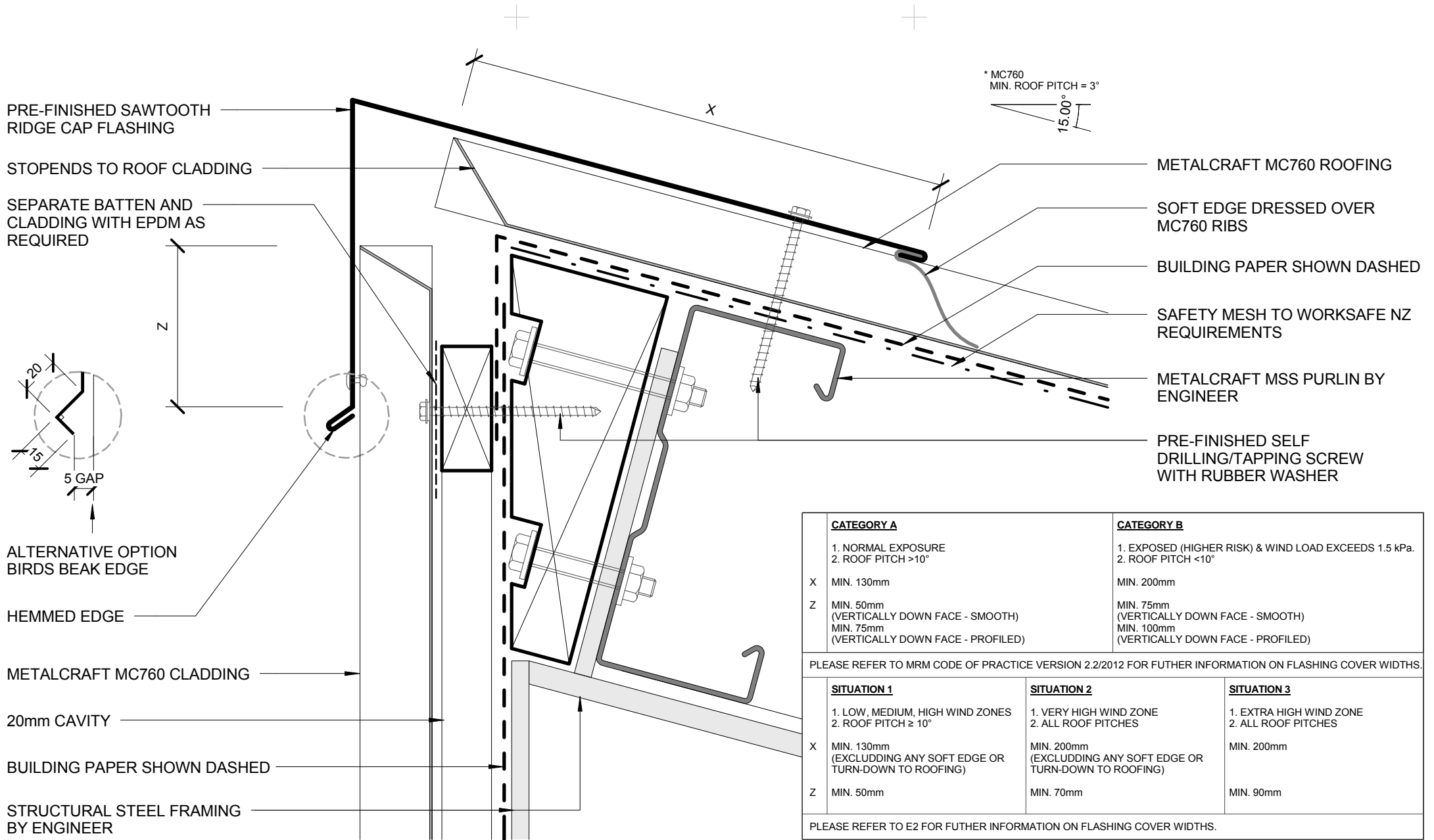
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RIDGE WITH NON PROFILED APEX
COMMERCIAL ROOFING

MC760





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MC760

SAWTOOTH RIDGE
COMMERCIAL ROOFING

Reference

Date 2014

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

* MC760
 MIN. ROOF PITCH = 3°
 15.00

DIMENSION TO SUIT
 SUGGEST MIN. 125mm

METALCRAFT MC760 ROOFING
 BUILDING PAPER SHOWN DASHED
 PRE-FINISHED EAVE FLASHING

MIN. 50mm
 OR AS REQUIRED

METALCRAFT BOX GUTTER 125
 WITH EXTERNAL BRACKET

MIN. 35mm
 OVERLAP

PRE-FINISHED SELF
 DRILLING/TAPPING SCREW
 WITH RUBBER WASHER

PACKER

SAFETY MESH TO
 WORKSAFE NZ
 REQUIREMENTS

SEPARATE BATTEN AND
 CLADDING WITH EPDM AS
 REQUIRED

PRE-FINISHED SELF
 DRILLING/TAPPING SCREW
 WITH RUBBER WASHER

FASCIA BOARD

METALCRAFT MC760 CLADDING ON CAVITY

STRUCTURAL STEEL
 FRAMING BY ENGINEER

METALCRAFT MSS PURLIN BY ENGINEER

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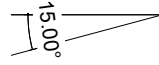
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FLUSH EAVE WITH EXTERNAL GUTTER BRACKET
 COMMERCIAL ROOFING

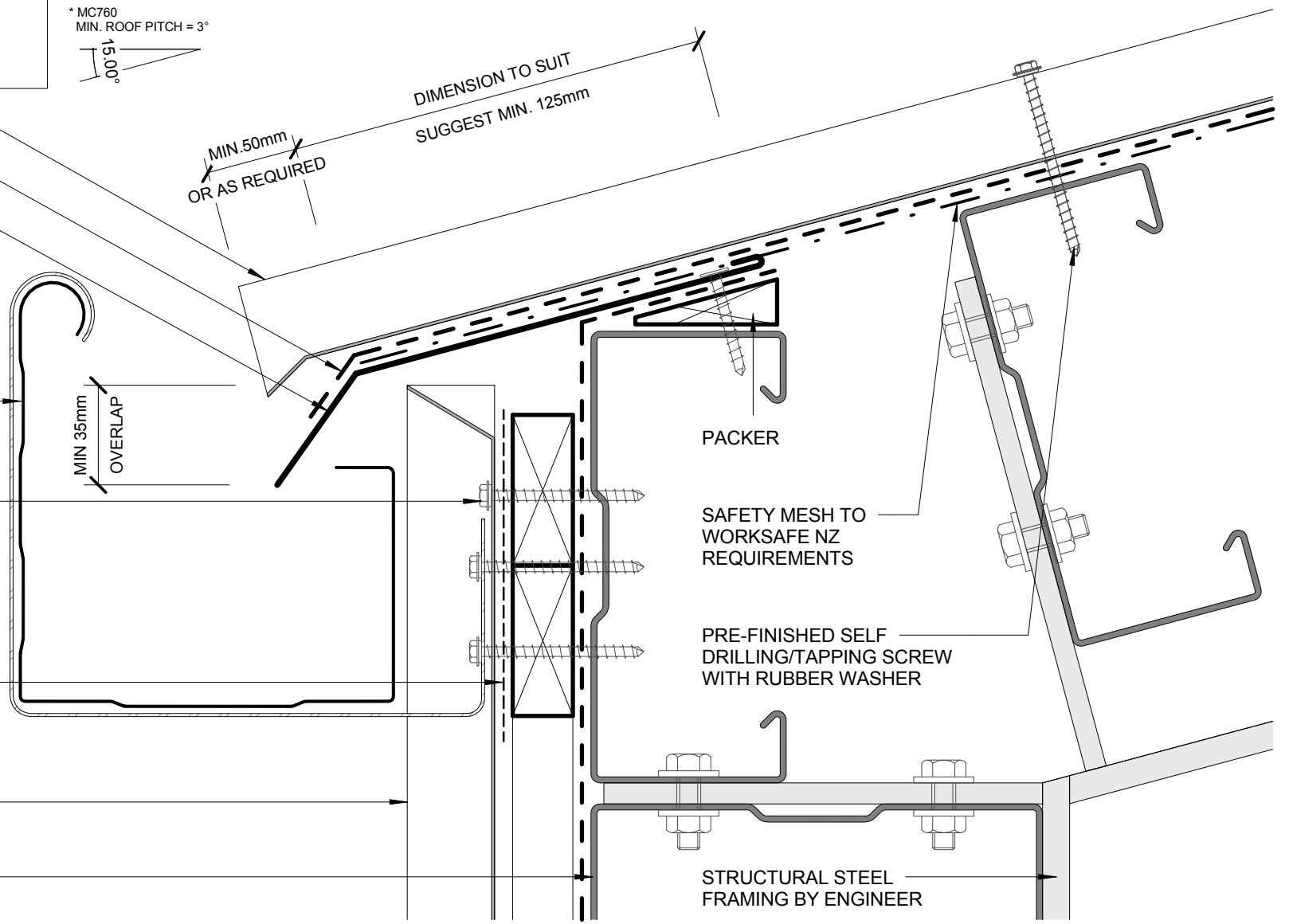


MC760

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°


METALCRAFT MC760 ROOFING
 BUILDING PAPER SHOWN DASHED
 PRE-FINISHED EAVE FLASHING
 METALCRAFT BOX GUTTER 125
 WITH EXTERNAL BRACKET
 PRE-FINISHED SELF
 DRILLING/TAPPING SCREW WITH
 RUBBER WASHER
 SEPARATE BATTEN AND CLADDING
 WITH EPDM AS REQUIRED
 METALCRAFT MC760 CLADDING
 ON CAVITY
 METALCRAFT MSS PURLIN
 BY ENGINEER



PACKER
 SAFETY MESH TO
 WORKSAFE NZ
 REQUIREMENTS
 PRE-FINISHED SELF
 DRILLING/TAPPING SCREW
 WITH RUBBER WASHER
 STRUCTURAL STEEL
 FRAMING BY ENGINEER

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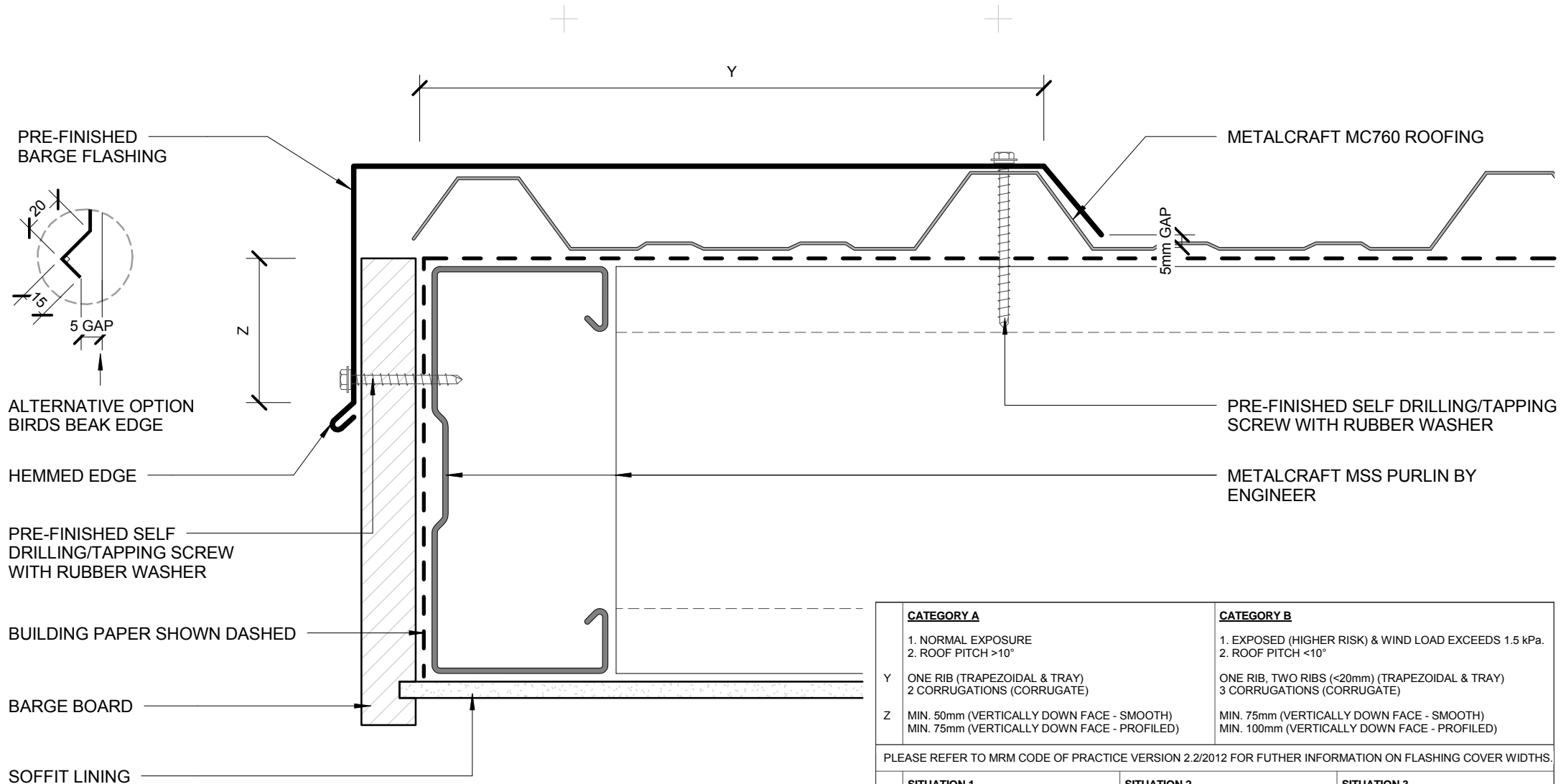
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FLUSH EAVE WITH PAN FIXED GUTTER
 COMMERCIAL ROOFING



MC760

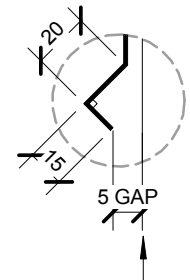


	CATEGORY A	CATEGORY B	
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°	
Y	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (CORRUGATE)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)	
Z	MIN. 50mm (VERTICALLY DOWN FACE - 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 FUTURE 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 FUTURE INFORMATION ON FLASHING COVER WIDTHS.			

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



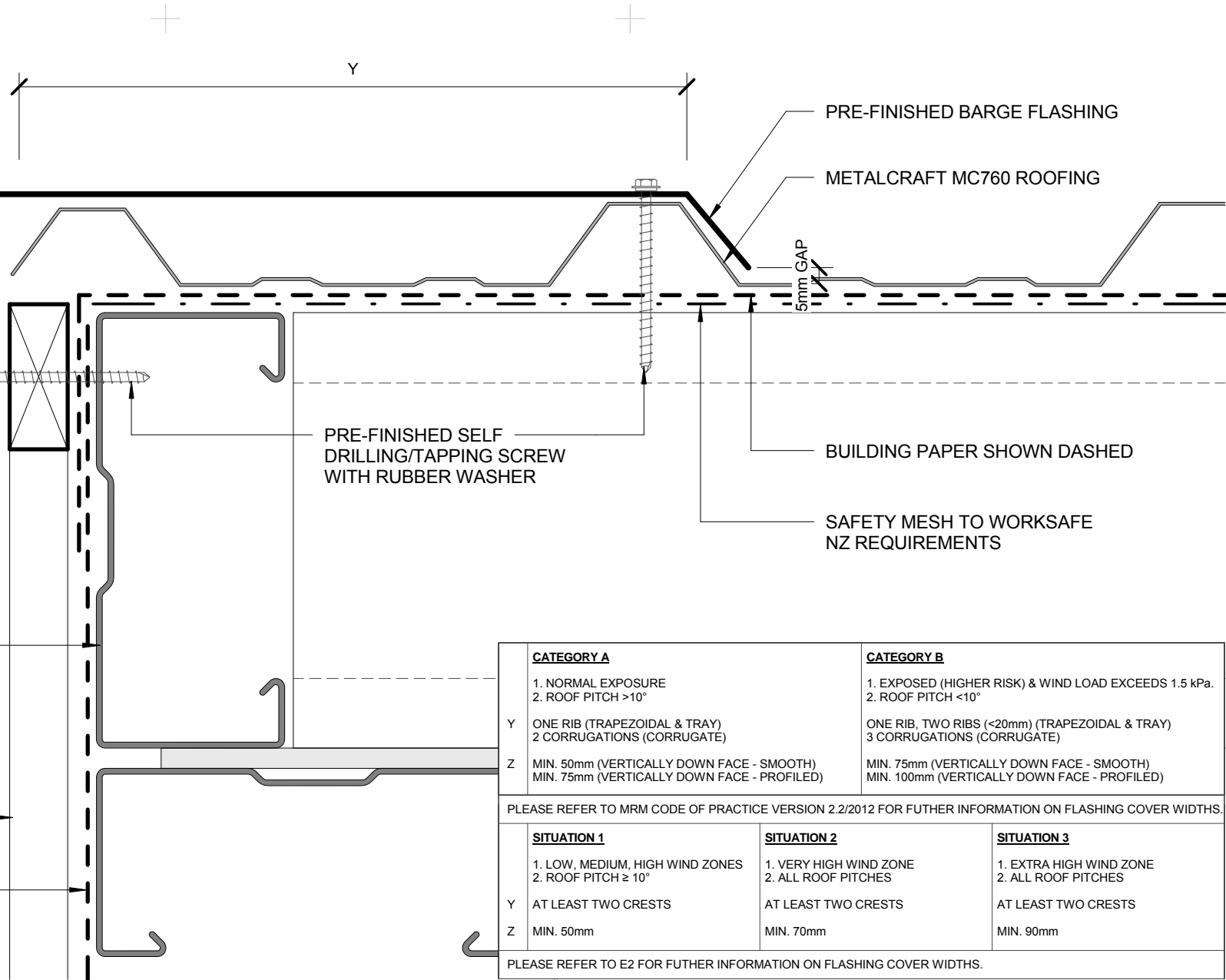
ALTERNATIVE OPTION
BIRDS BEAK EDGE

METALCRAFT MSS PURLIN
BY ENGINEER

METALCRAFT MC760
CLADDING

20mm CAVITY

BUILDING PAPER SHOWN
DASHED



<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 (CORRUGATE)	ONE RIB, TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)
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 FUTURE 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	Y AT LEAST TWO CRESTS	Y AT LEAST TWO CRESTS
Z MIN. 50mm	Z MIN. 70mm	Z MIN. 90mm
PLEASE REFER TO E2 FOR FUTURE INFORMATION ON FLASHING COVER WIDTHS.		

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BARGE WITH PROFILED CLADDING COMMERCIAL ROOFING

MC760

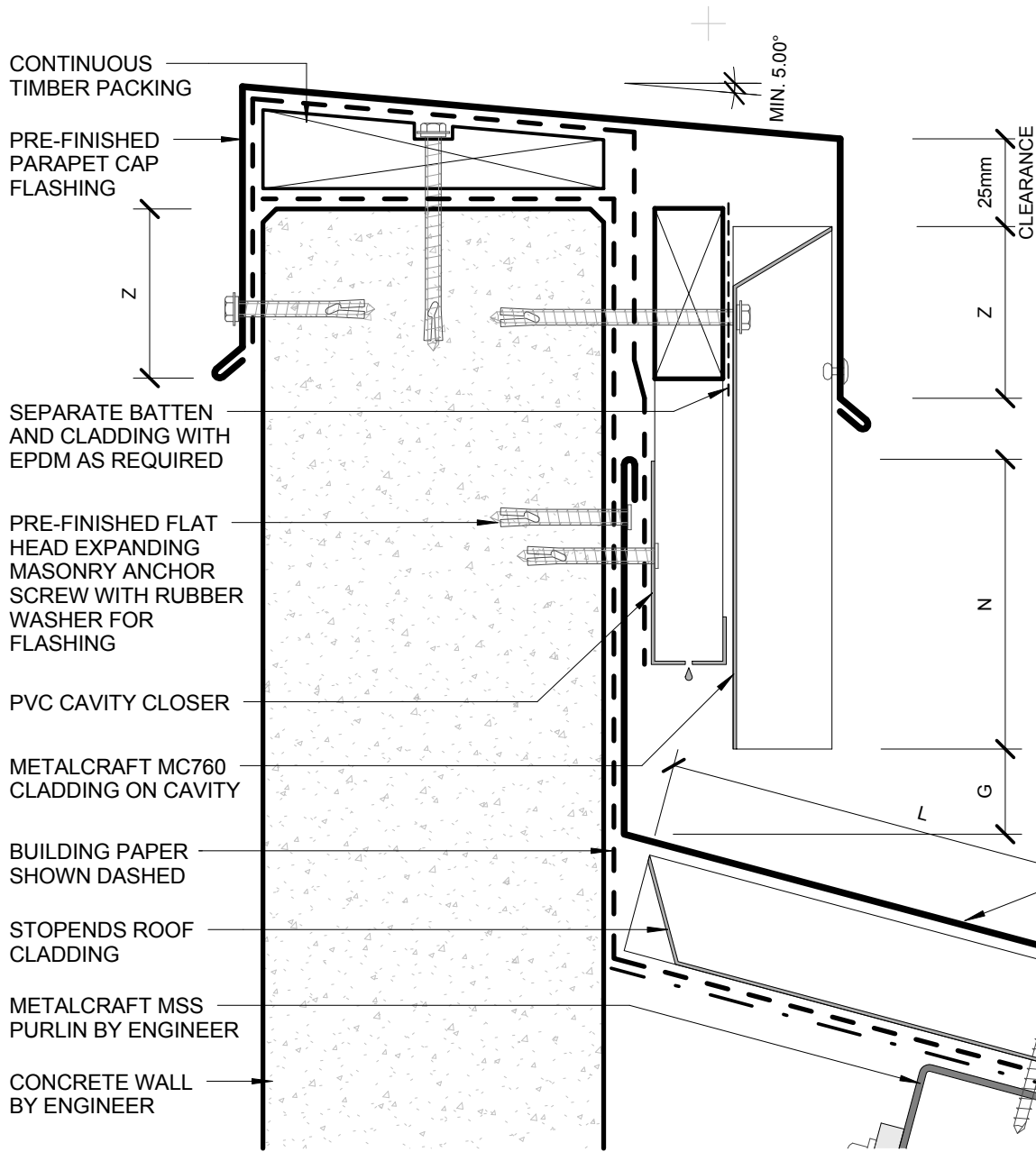
Reference

Date 2014

Scale 1 : 2

Sheet

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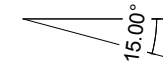
	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
G	25mm	25mm
N	MIN. 50mm + HEM OR 75mm (VERTICALLY UP FACE - SMOOTH) MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE - PROFILED)	MIN. 75mm + HEM OR 100mm (VERTICALLY UP FACE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

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

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°	1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
G	MIN. 35mm	MIN. 35mm	MIN. 35mm
N	MIN. 75mm	MIN. 75mm	MIN. 75mm
L	MIN. 130mm (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.

* MC760
MIN. ROOF PITCH = 3°



- PRE-FINISHED APRON FLASHING
- PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER
- SOFT EDGE DRESSED OVER MC760 RIBS
- METALCRAFT MC760 ROOFING
- SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

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PARAPET WITH TRANSVERSE APRON COMMERCIAL ROOFING

MC760

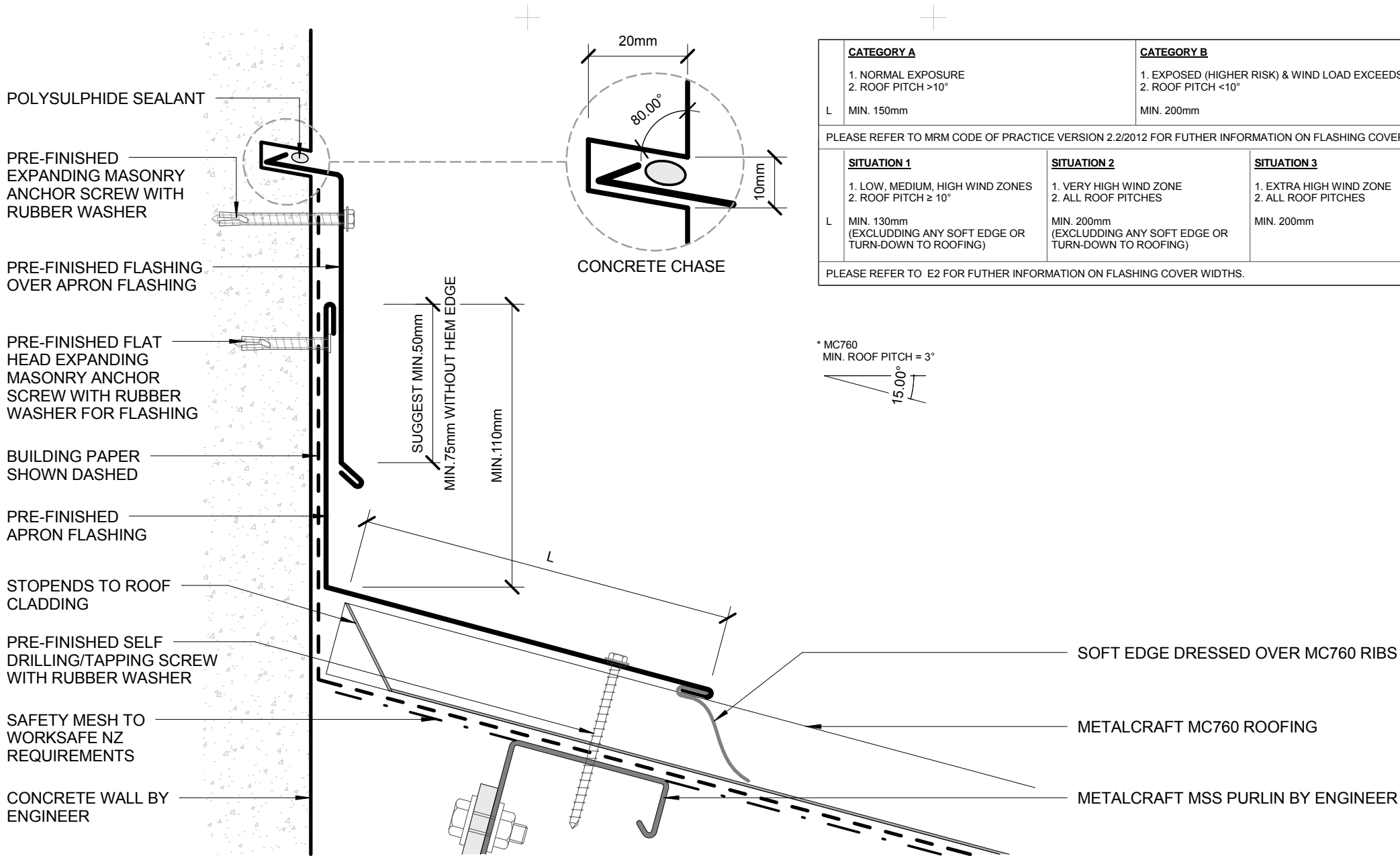
Reference

Date 2014

Scale 1 : 2

Sheet

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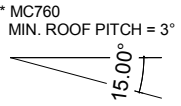


	CATEGORY A	CATEGORY B
	1. NORMAL EXPOSURE 2. ROOF PITCH >10°	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°
L	MIN. 150mm	MIN. 200mm

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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
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

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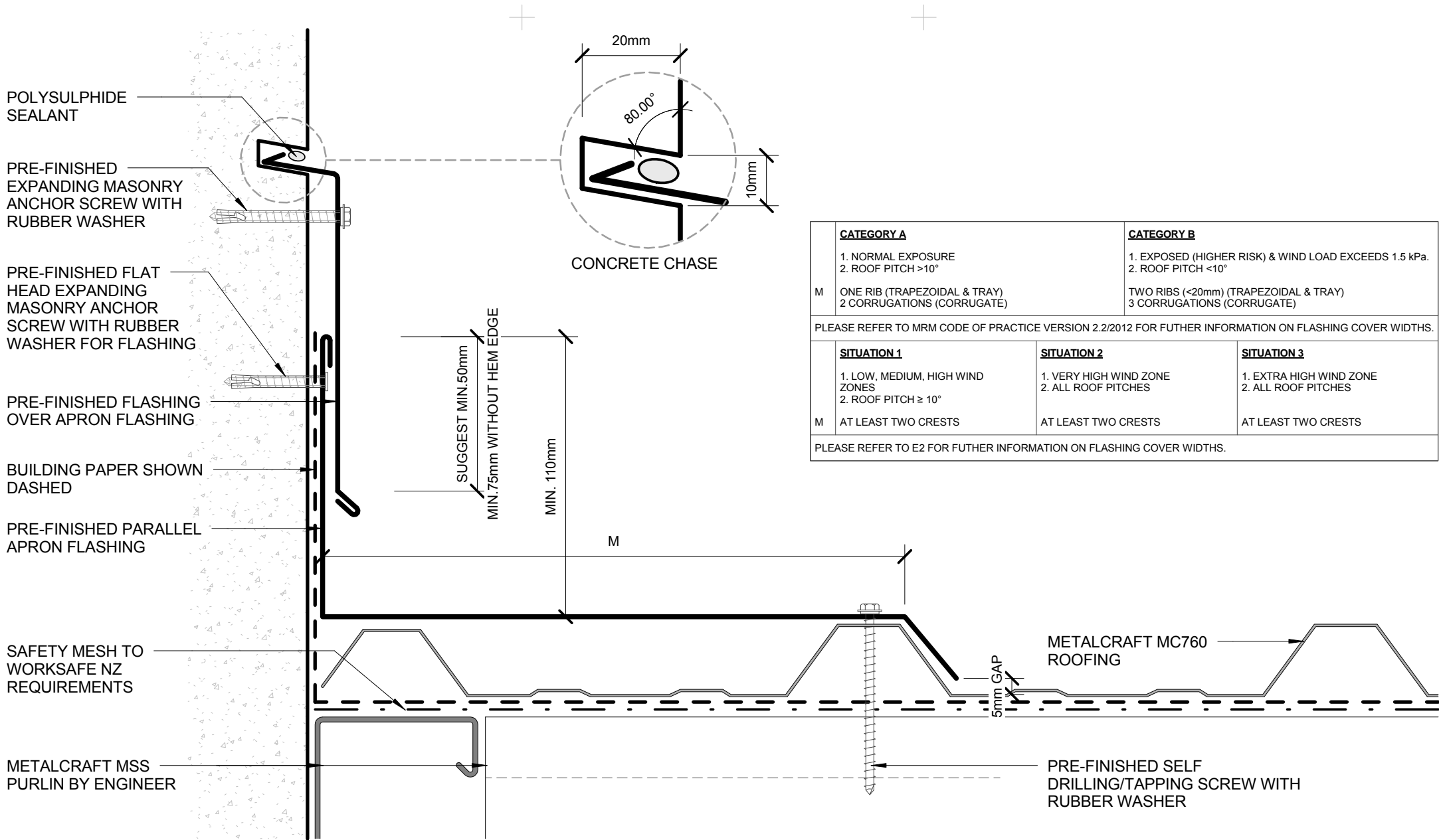
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MC760

TRANSVERSE APRON
COMMERCIAL ROOFING



	CATEGORY A 1. NORMAL EXPOSURE 2. ROOF PITCH >10°	CATEGORY B 1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°	
M	ONE RIB (TRAPEZOIDAL & TRAY) 2 CORRUGATIONS (CORRUGATE)	TWO RIBS (<20mm) (TRAPEZOIDAL & TRAY) 3 CORRUGATIONS (CORRUGATE)	
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°	SITUATION 2 1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES	SITUATION 3 1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES
M	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS	AT LEAST TWO CRESTS
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MC760

PARALLEL APRON
COMMERCIAL ROOFING

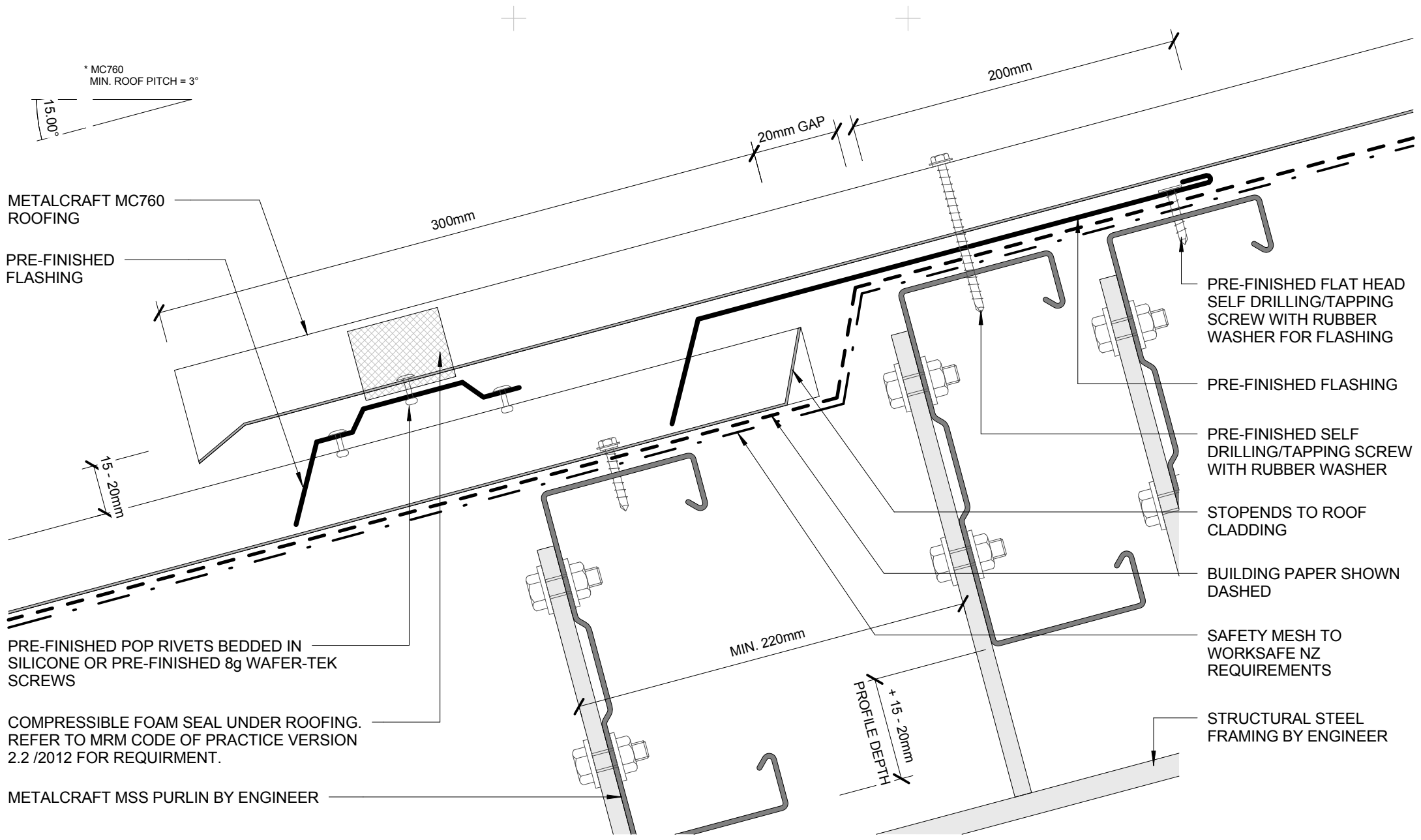
Reference

Date 2014

Scale 1 : 2

Sheet

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* MC760
MIN. ROOF PITCH = 3°

METALCRAFT MC760
ROOFING

PRE-FINISHED
FLASHING

PRE-FINISHED POP RIVETS BEDDED IN
SILICONE OR PRE-FINISHED 8g WAFER-TEK
SCREWS

COMPRESSIBLE FOAM SEAL UNDER ROOFING.
REFER TO MRM CODE OF PRACTICE VERSION
2.2 /2012 FOR REQUIREMENT.

METALCRAFT MSS PURLIN BY ENGINEER

PRE-FINISHED FLAT HEAD
SELF DRILLING/TAPPING
SCREW WITH RUBBER
WASHER FOR FLASHING

PRE-FINISHED FLASHING

PRE-FINISHED SELF
DRILLING/TAPPING SCREW
WITH RUBBER WASHER

STOPENDS TO ROOF
CLADDING

BUILDING PAPER SHOWN
DASHED

SAFETY MESH TO
WORKSAFE NZ
REQUIREMENTS

STRUCTURAL STEEL
FRAMING BY ENGINEER

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

MC760

Reference

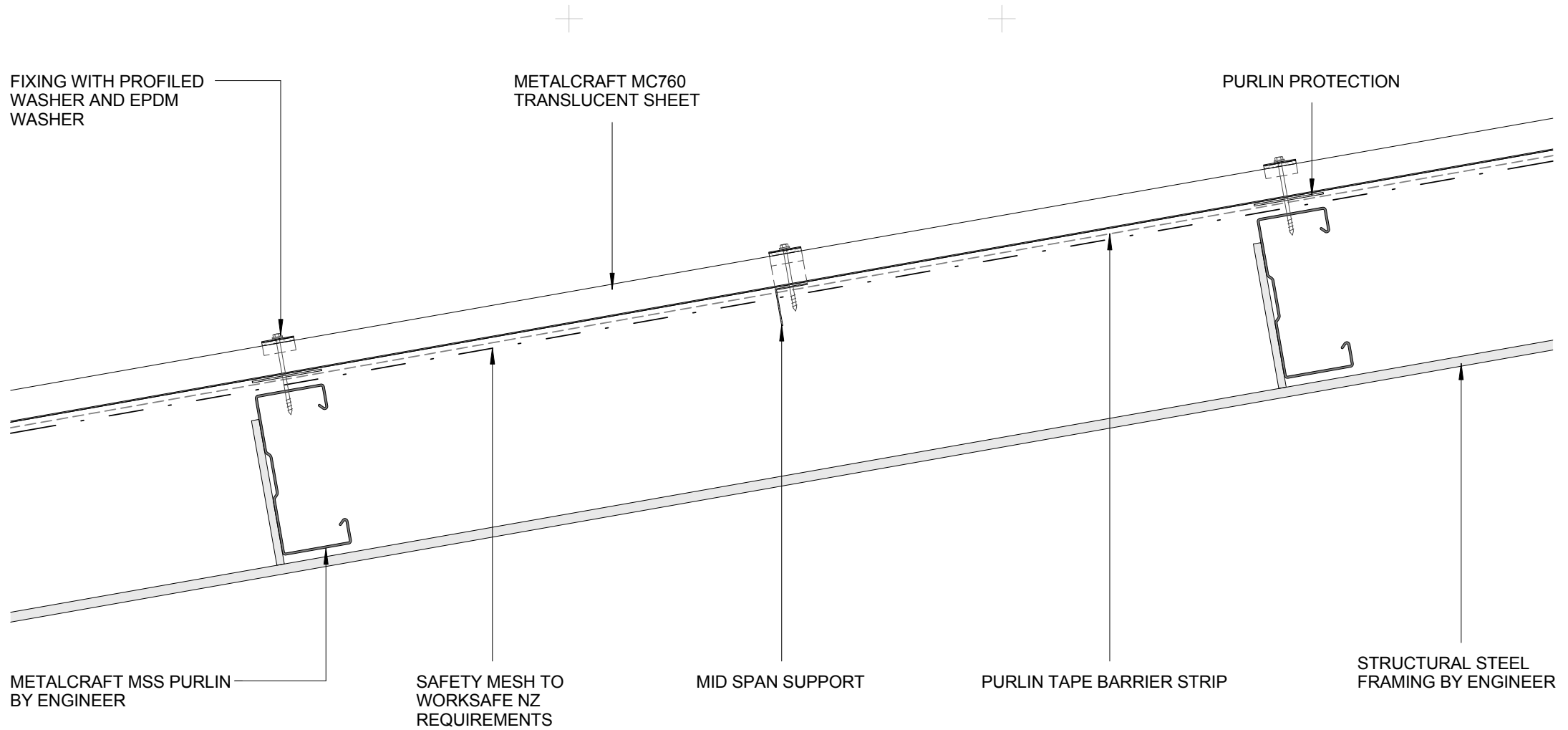
Date 2014

Scale 1 : 2

ROOF STEP
COMMERCIAL ROOFING

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TRANSLUCENT SHEETS - LONG SECTION

COMMERCIAL ROOFING

MC760

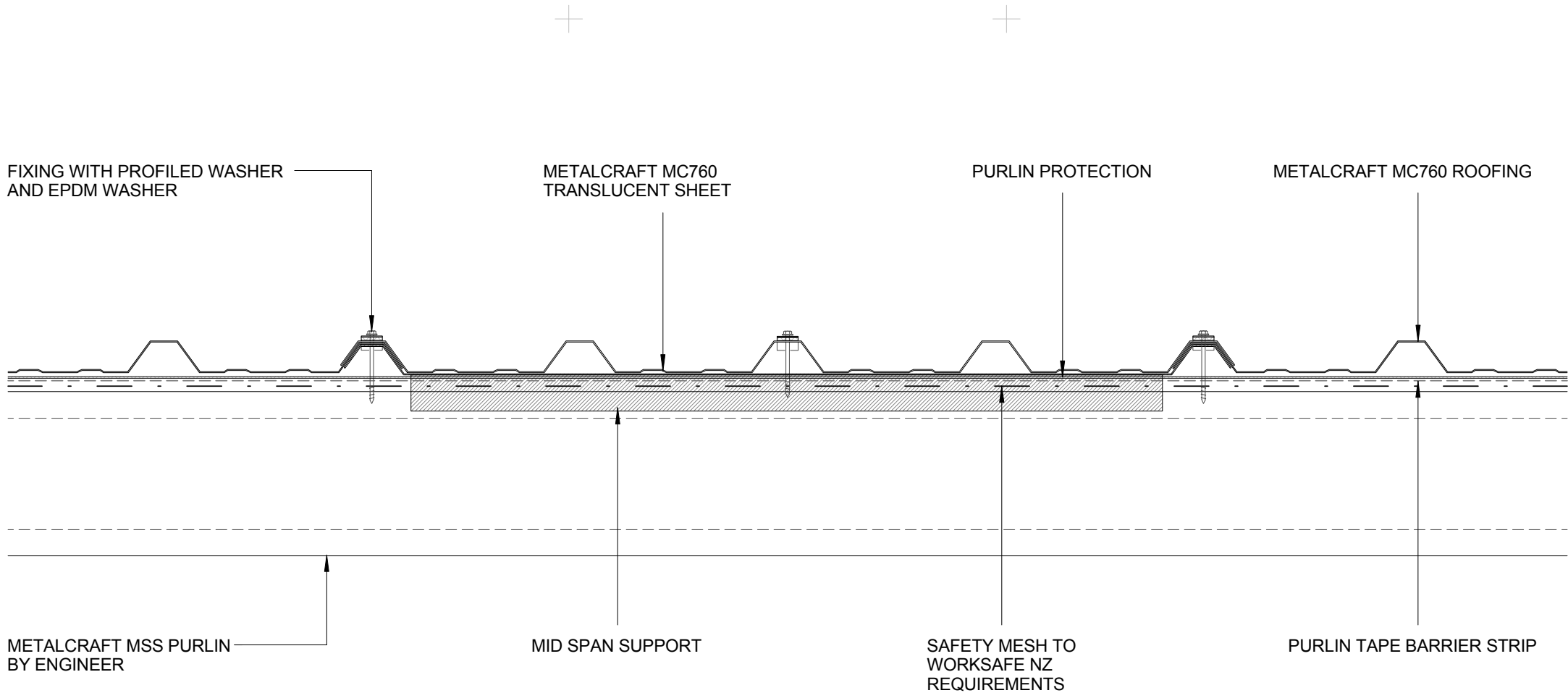
Reference

Date 2014

Scale 1 : 5

Sheet

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TRANSLUCENT SHEETS - CROSS

COMMERCIAL ROOFING

MC760

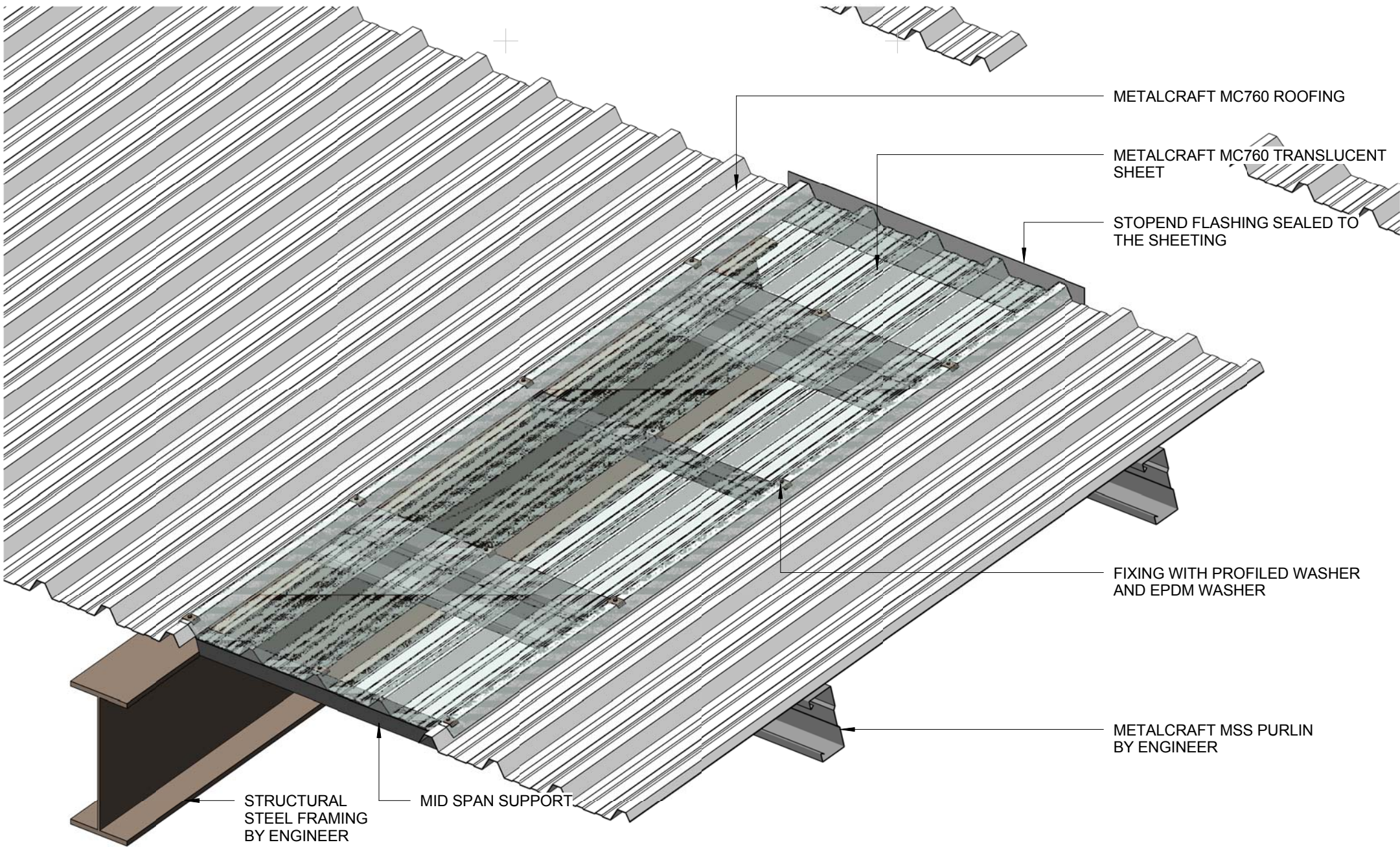
Reference

Date 2014

Scale 1 : 5

Sheet

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3D TRANSLUCENT SHEETS
COMMERCIAL ROOFING

MC760

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 2.2 /2012, E2 and all other relevant building codes.
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Reference

Date 2014

Scale

Sheet

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