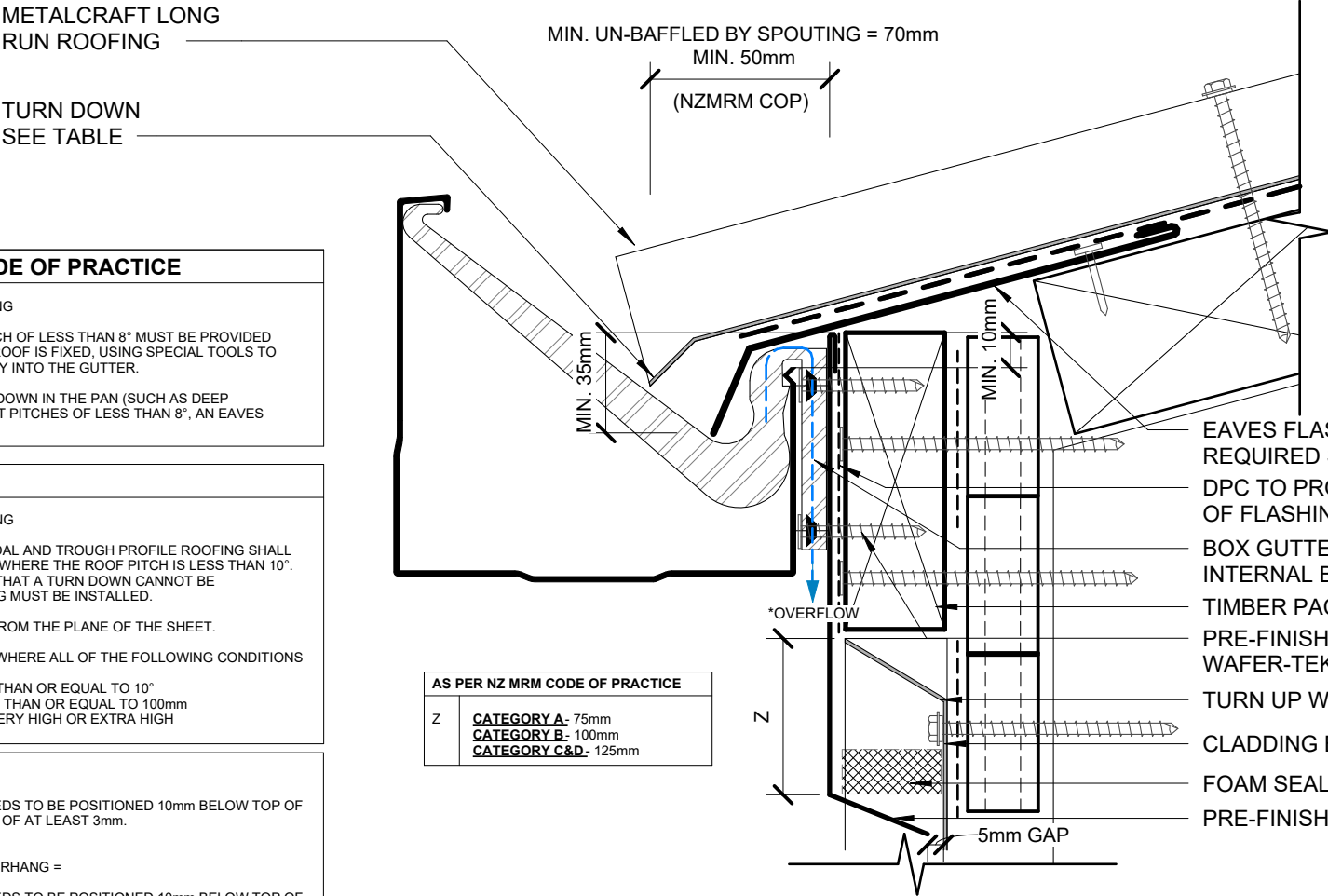
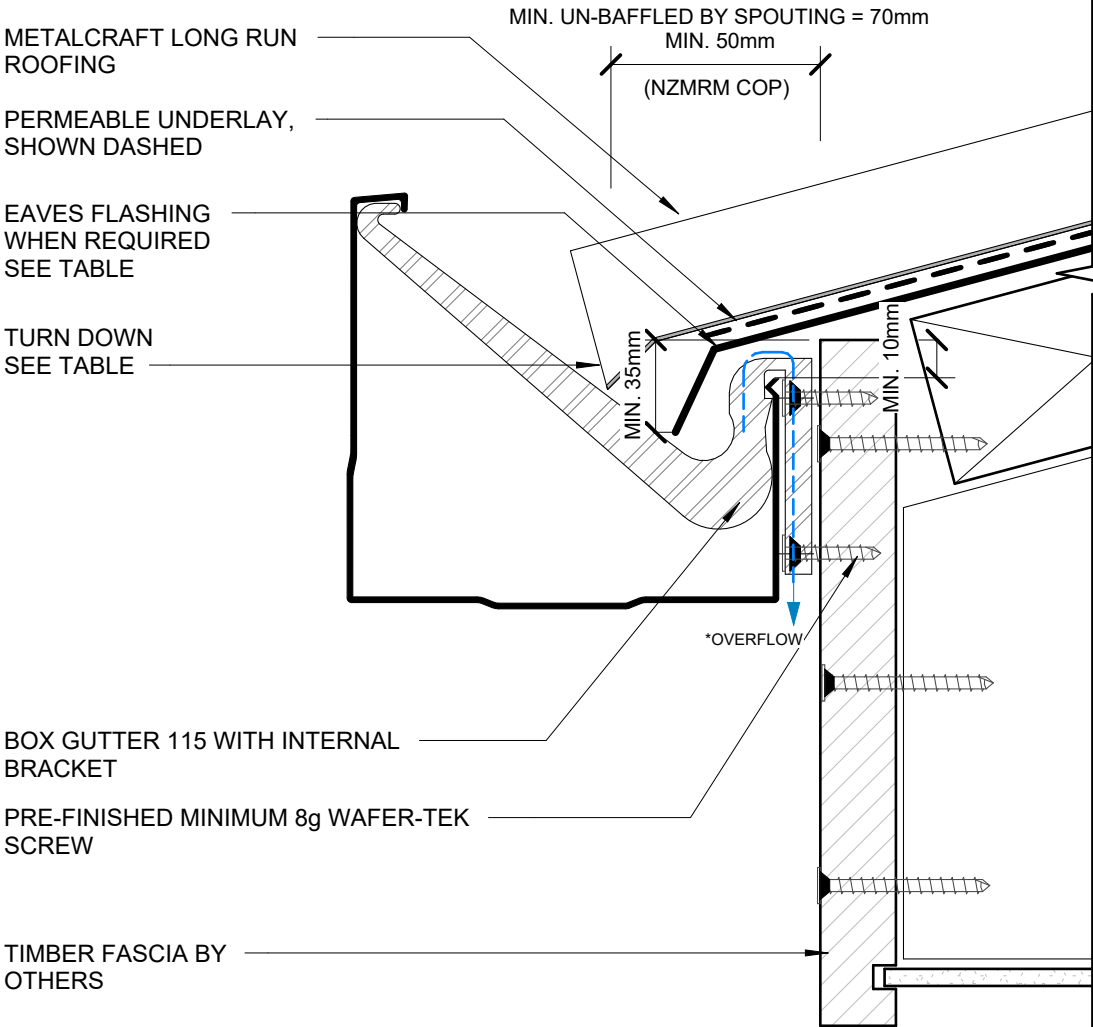


Metalcraft Gutters Install

GUTTER DETAILS

DETAIL LIST		Revision	Date
A 00	COVER SHEET	1.0	JUNE 2026
A 01	BOX GUTTER 115	1.0	JUNE 2026
A 02	BOX GUTTER 125 EXTERNAL BRACKET	1.0	JUNE 2026
A 03	BOX GUTTER 125 INTERNAL BRACKET	1.0	JUNE 2026
A 04	BOX GUTTER 175 EXTERNAL BRACKET	1.0	JUNE 2026
A 05	BOX GUTTER 175 INTERNAL BRACKET	1.0	JUNE 2026
A 06 A	BOX GUTTER 300 01	1.0	JUNE 2026
A 06 B	BOX GUTTER 300 02	1.0	JUNE 2026
A 07	HALF ROUND GUTTER EXTERNAL BRACKET	1.0	JUNE 2026
A 08	HALF ROUND GUTTER SHORTBACK BRACKET	1.0	JUNE 2026
A 09 A	COLONIAL QUAD GUTTER	1.0	JUNE 2026
A 09 B	COLONIAL QUAD GUTTER WITH SPRING CLIP AND OVERSTRAP	1.0	JUNE 2026
A 10	125 QUARTER ROUND GUTTER	1.0	JUNE 2026
A 11	150 QUARTER ROUND GUTTER	1.0	JUNE 2026
A 12	QUADLINE GUTTER	1.0	JUNE 2026
A 13 A	SQUARELINE	1.0	JUNE 2026
A 13 B	SQUARELINE WITH SPRING CLIP AND OVERSTRAP	1.0	JUNE 2026
A 14	OLD GOTHIC 125	1.0	JUNE 2026



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

ALL ROOF CLADDING WITH A PITCH OF LESS THAN 8° MUST BE PROVIDED WITH TURN-DOWNS AFTER THE ROOF IS FIXED, USING SPECIAL TOOLS TO ENSURE WATER FLOWS DIRECTLY INTO THE GUTTER.

PROFILES THAT PREVENT TURN DOWN IN THE PAN (SUCH AS DEEP CORRUGATED) AND ARE FIXED AT PITCHES OF LESS THAN 8°, AN EAVES FLASHING IS REQUIRED.

AS PER E2/AS1

TURN DOWN AND EAVES FLASHING

THE LOWER ENDS OF TRAPEZOIDAL AND TROUGH PROFILE ROOFING SHALL BE TURNED DOWN AT GUTTERS, WHERE THE ROOF PITCH IS LESS THAN 10°. FOR CORRUGATE OR PROFILES THAT A TURN DOWN CANNOT BE PERFORMED AN EAVES FLASHING MUST BE INSTALLED.

THE TURN-DOWN SHALL BE 30° FROM THE PLANE OF THE SHEET.

EAVE FLASHING ARE REQUIRED WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:

- ROOF SLOPE LESS THAN OR EQUAL TO 10°
- SOFFIT WIDTH LESS THAN OR EQUAL TO 100mm
- WIND ZONES ARE VERY HIGH OR EXTRA HIGH

OVERFLOW WITH SOFFIT =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

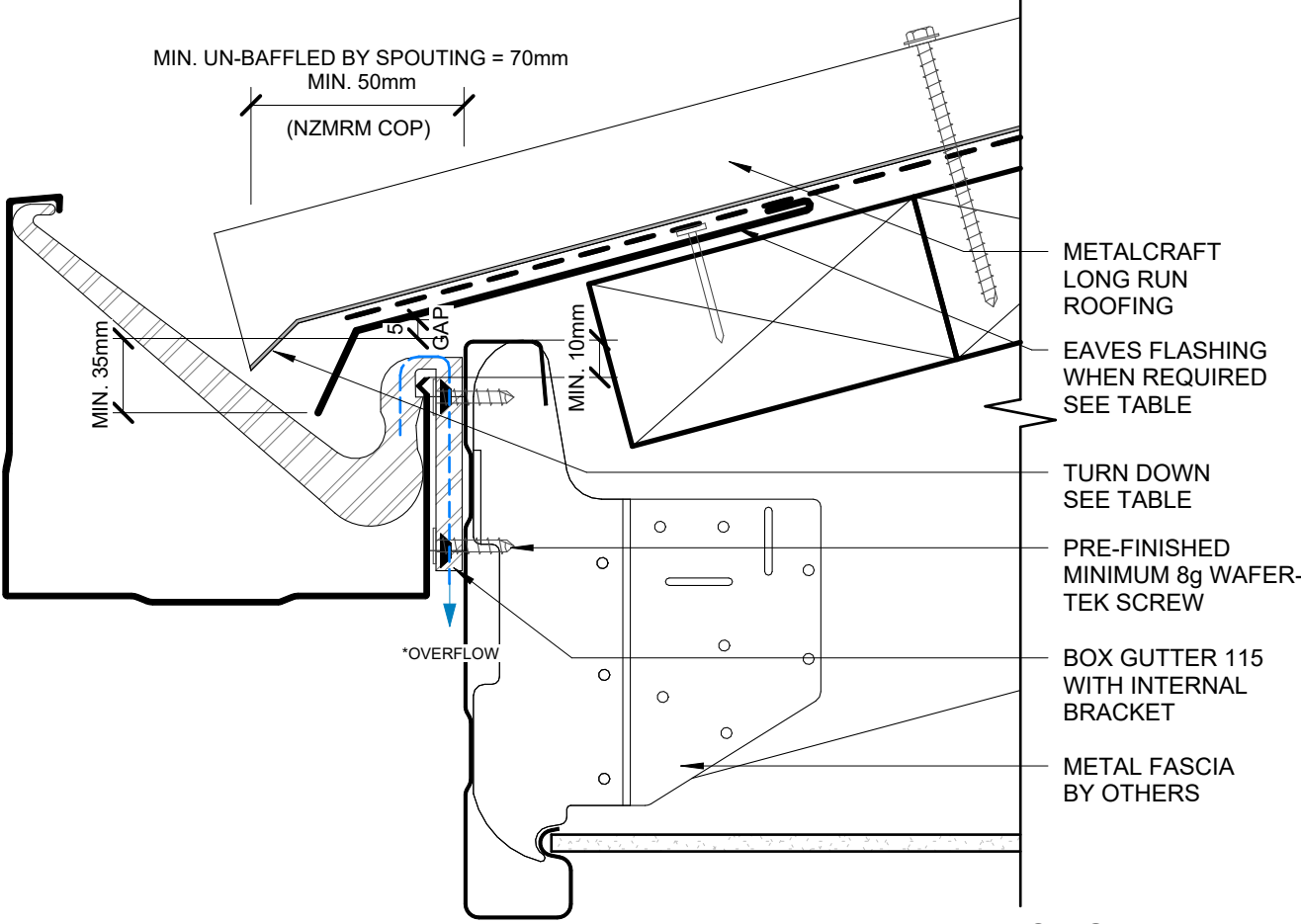
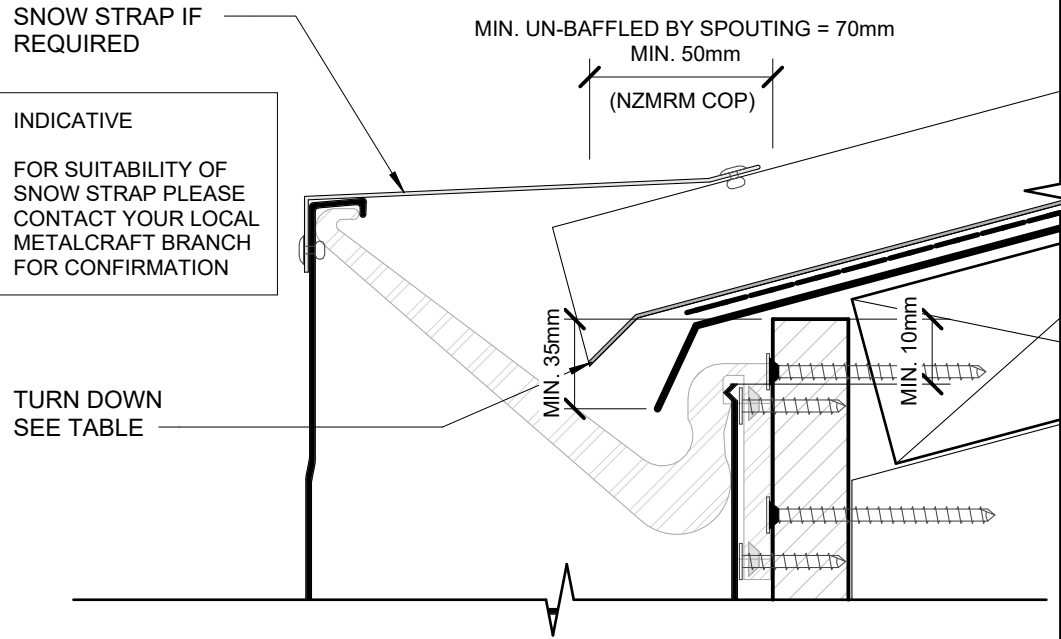
OVERFLOW WITH NO SOFFIT OVERHANG =

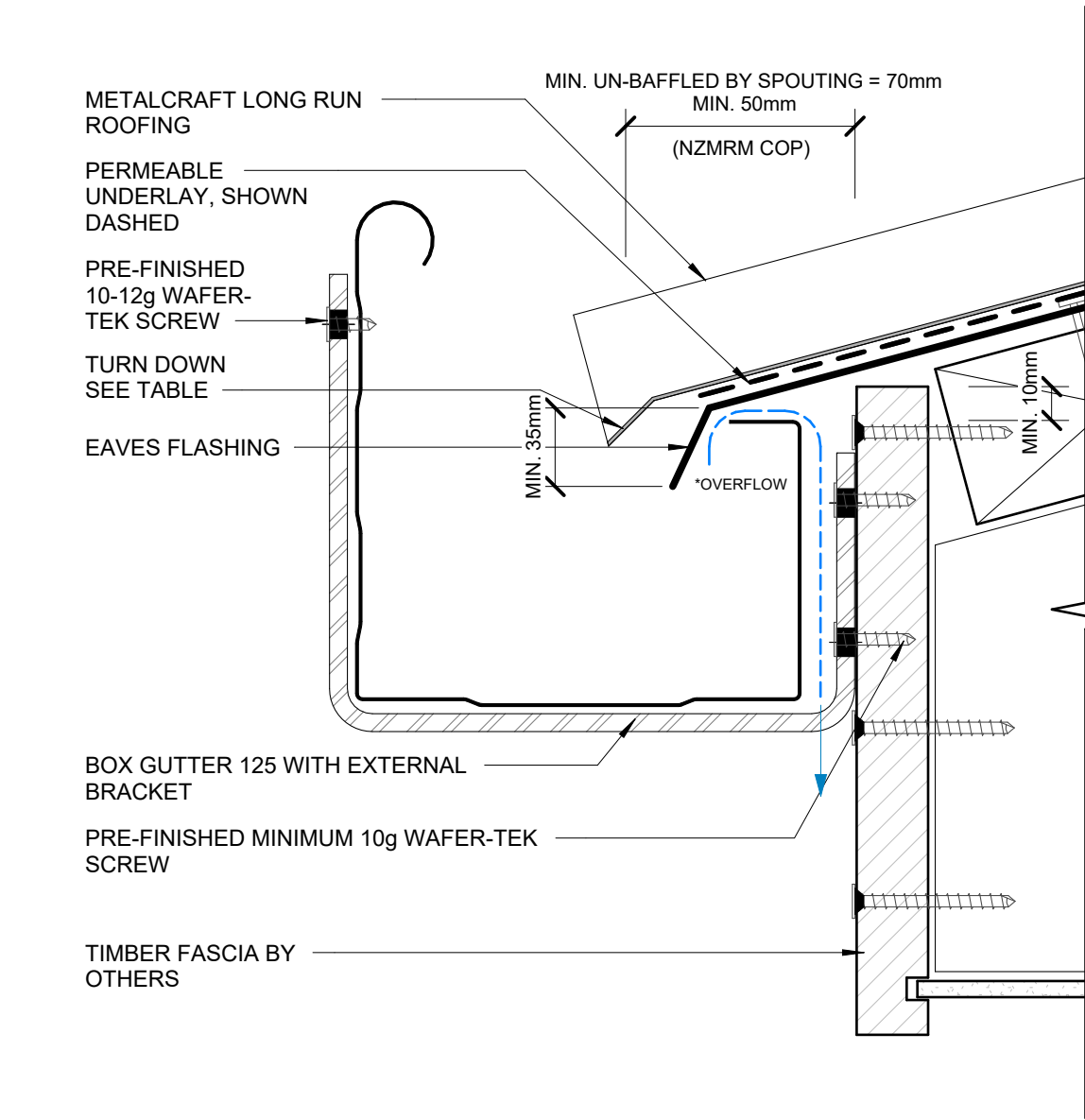
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A: 75mm CATEGORY B: 100mm CATEGORY C&D: 125mm

ALTERNATIVE OPTION





AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

ALL ROOF CLADDING WITH A PITCH OF LESS THAN 8° MUST BE PROVIDED WITH TURN-DOWNS AFTER THE ROOF IS FIXED, USING SPECIAL TOOLS TO ENSURE WATER FLOWS DIRECTLY INTO THE GUTTER.

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OVERFLOW WITH NO SOFFIT OVERHANG =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

METALCRAFT LONG
RUN ROOFING

TURN DOWN
SEE TABLE

PRE-FINISHED
10-12g WAFER-
TEK SCREW

MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)

AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A- 75mm CATEGORY B- 100mm CATEGORY C&D- 125mm

EAVES FLASHING WHEN
REQUIRED SEE TABLE

DPC TO PROVIDE SEPARATION
OF FLASHING AND TIMBER

BOX GUTTER 125 WITH
INTERNAL BRACKET

TIMBER PACKER BY OTHERS

TURN UP WHEN REQUIRED

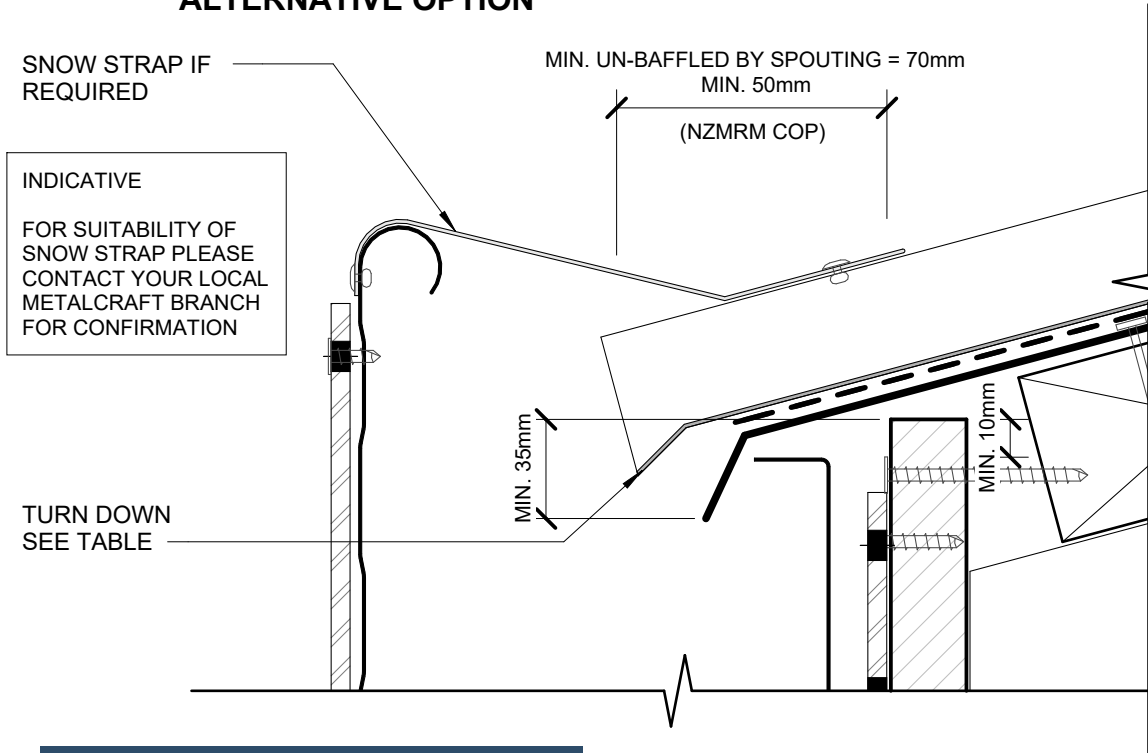
PRE-FINISHED MINIMUM 8g
WAFER-TEK SCREW

CLADDING BY OTHERS

FOAM SEAL WHEN REQUIRED

PRE-FINISHED FLASHING

ALTERNATIVE OPTION



PRE-FINISHED
10-12g WAFER-
TEK SCREW

MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)

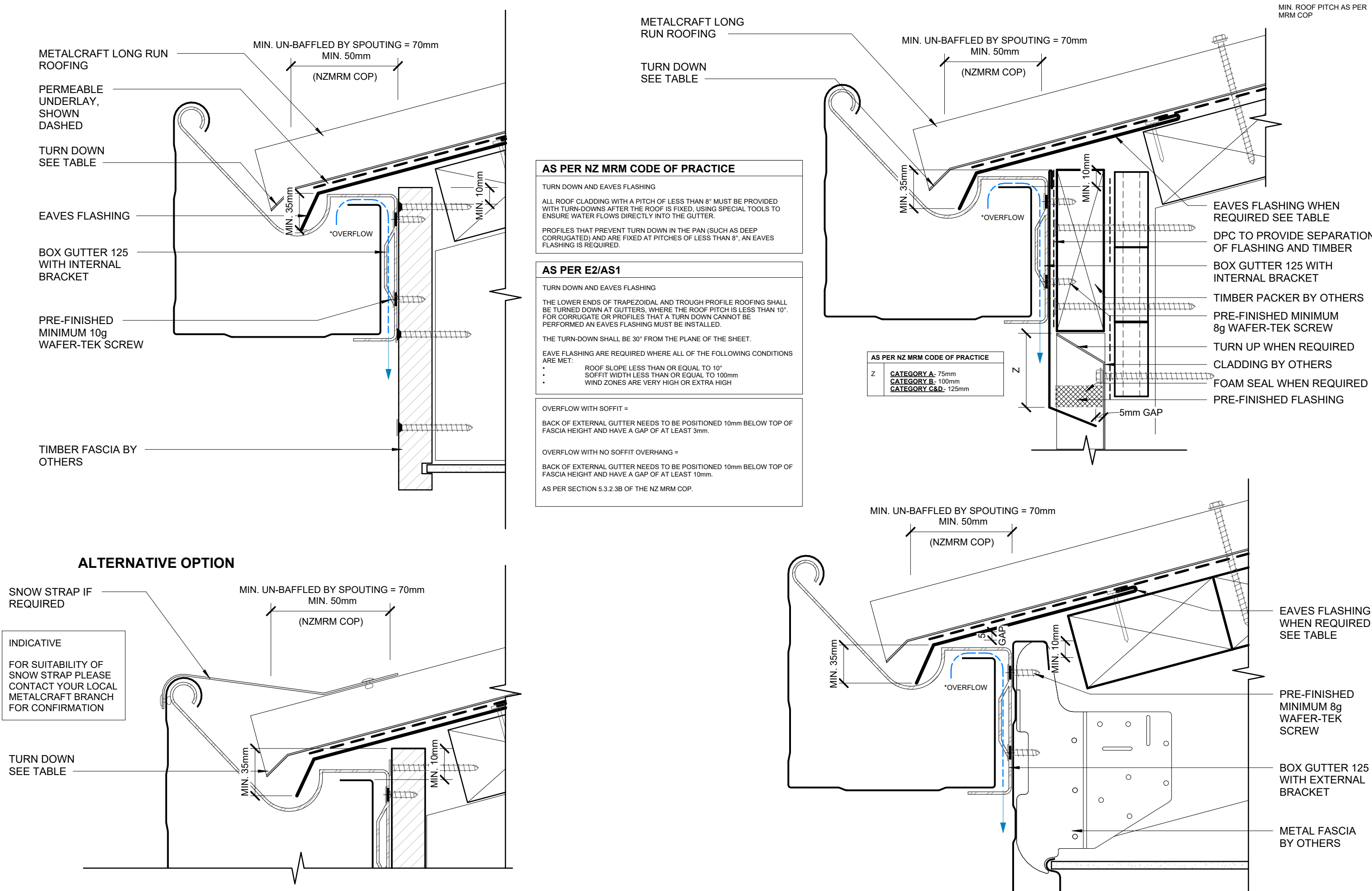
EAVES FLASHING
WHEN REQUIRED
SEE TABLE

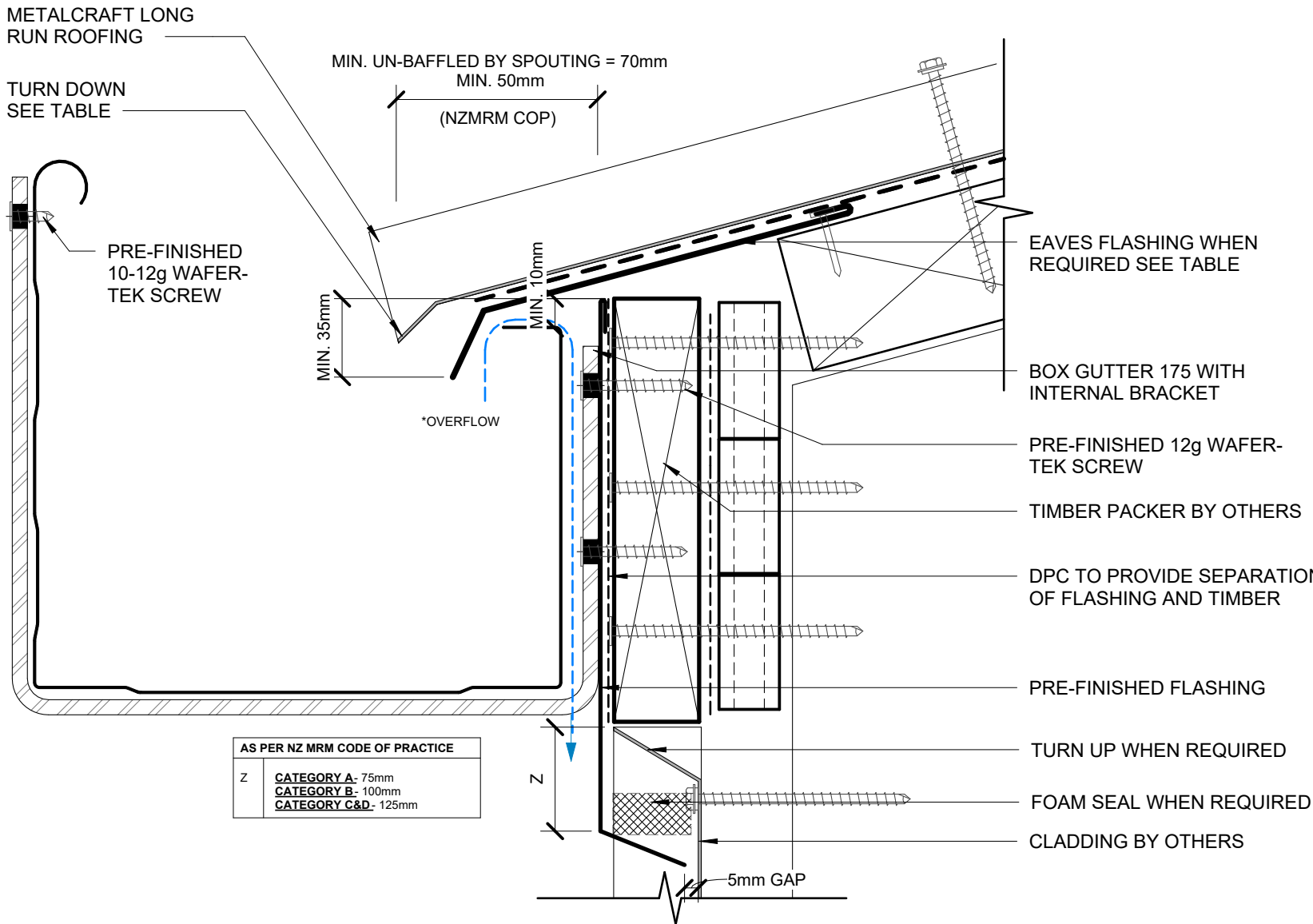
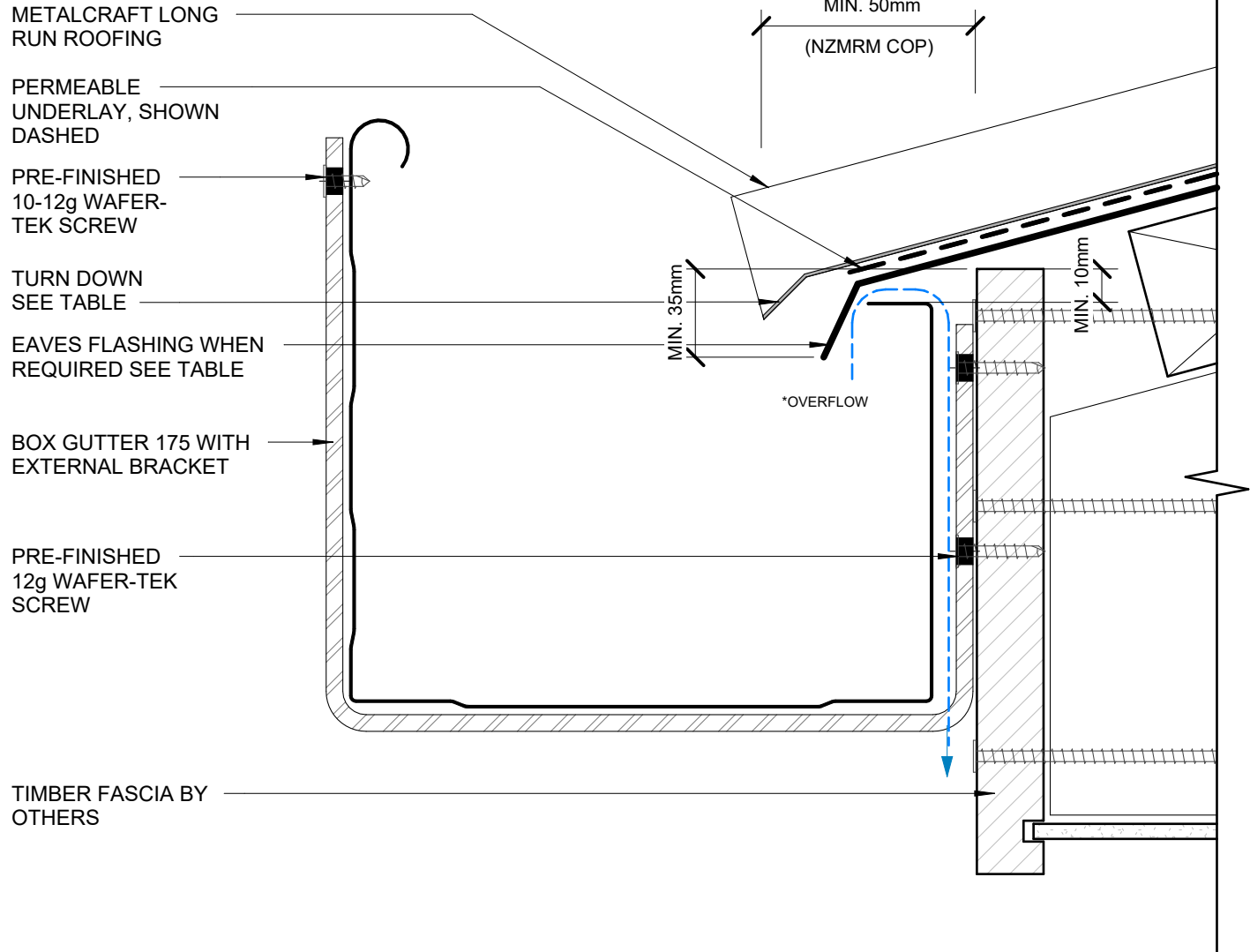
PRE-FINISHED
MINIMUM 8g
WAFER-TEK
SCREW

BOX GUTTER 125
WITH EXTERNAL
BRACKET

METAL FASCIA
BY OTHERS

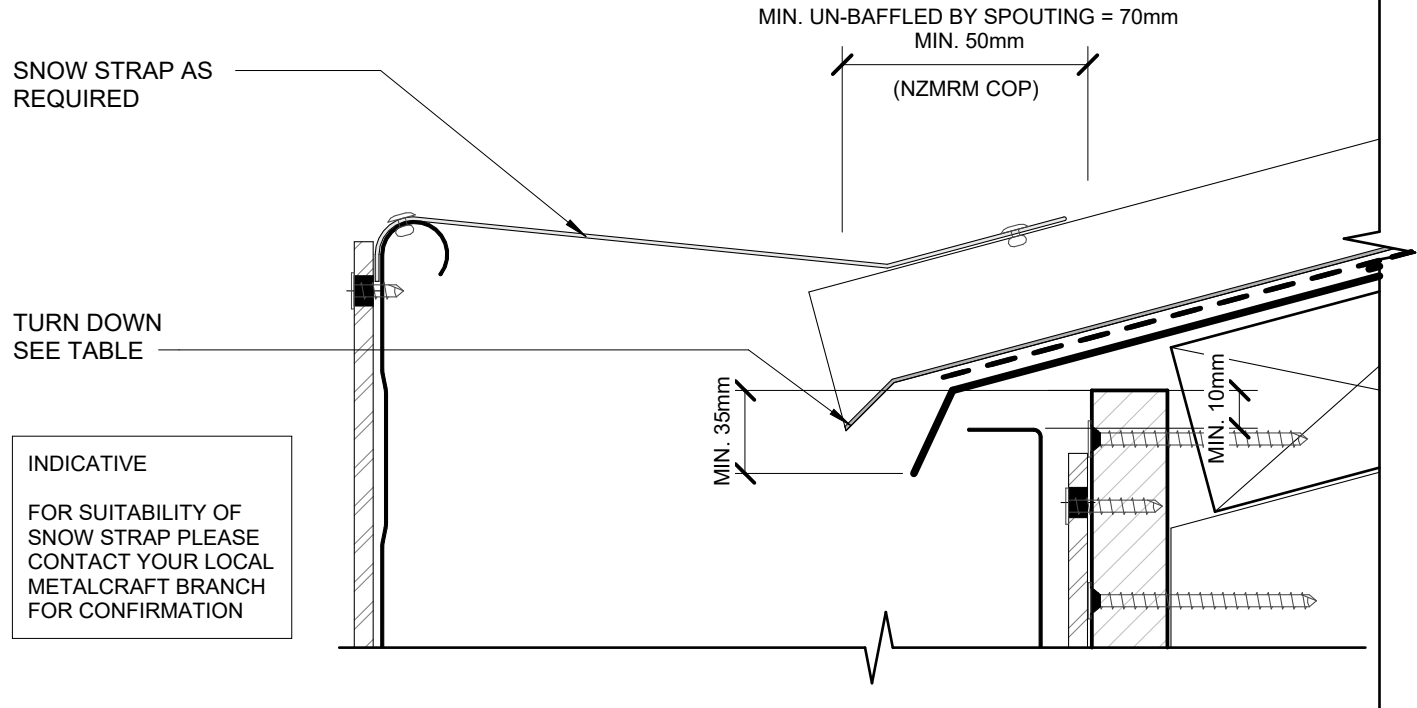
BOX GUTTER 125 EXTERNAL BRACKET





AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A- 75mm CATEGORY B- 100mm CATEGORY C&D- 125mm

ALTERNATIVE OPTION



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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AS PER E2/AS1

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- SOFFIT WIDTH LESS THAN OR EQUAL TO 100mm
- WIND ZONES ARE VERY HIGH OR EXTRA HIGH

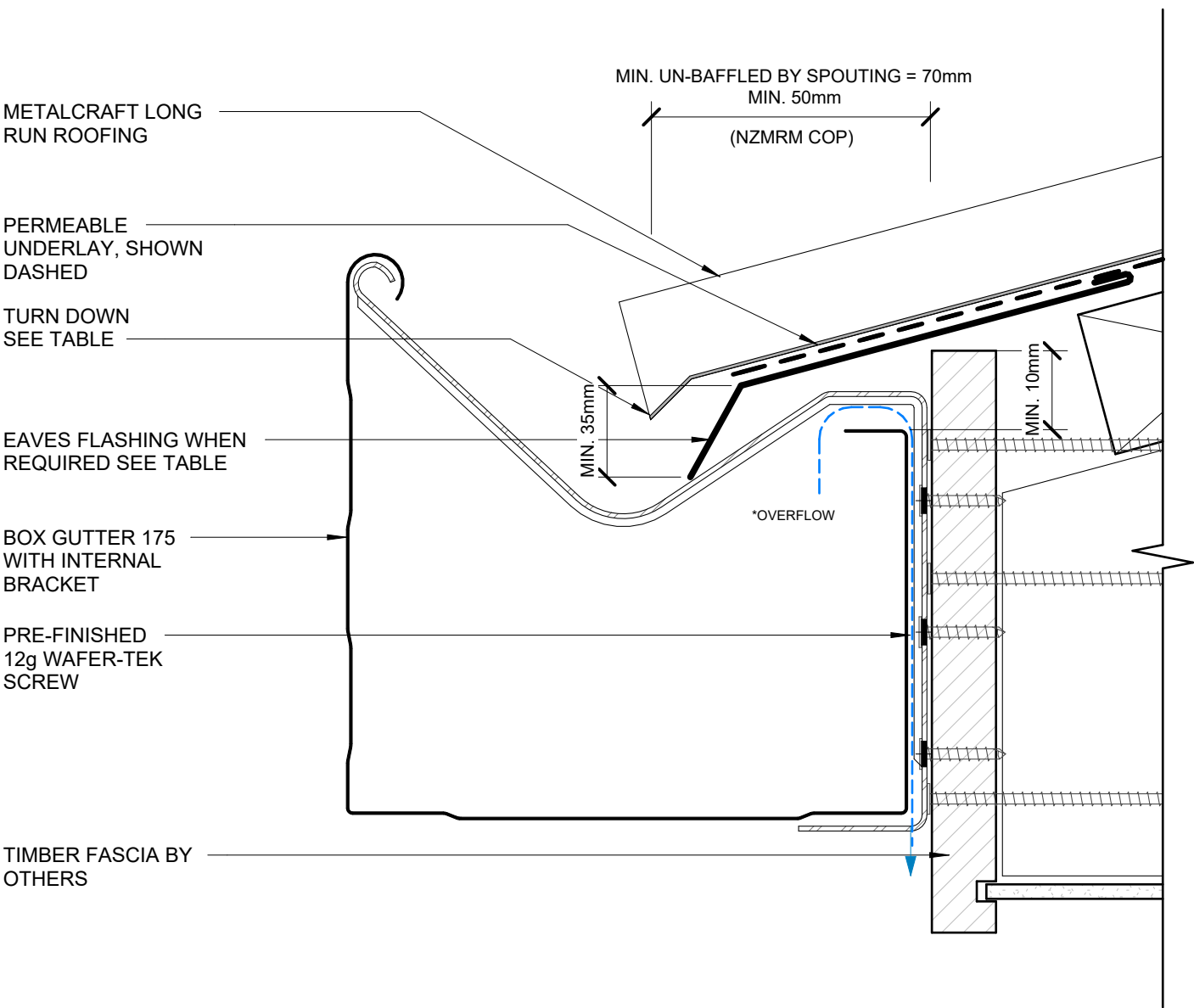
OVERFLOW WITH SOFFIT =

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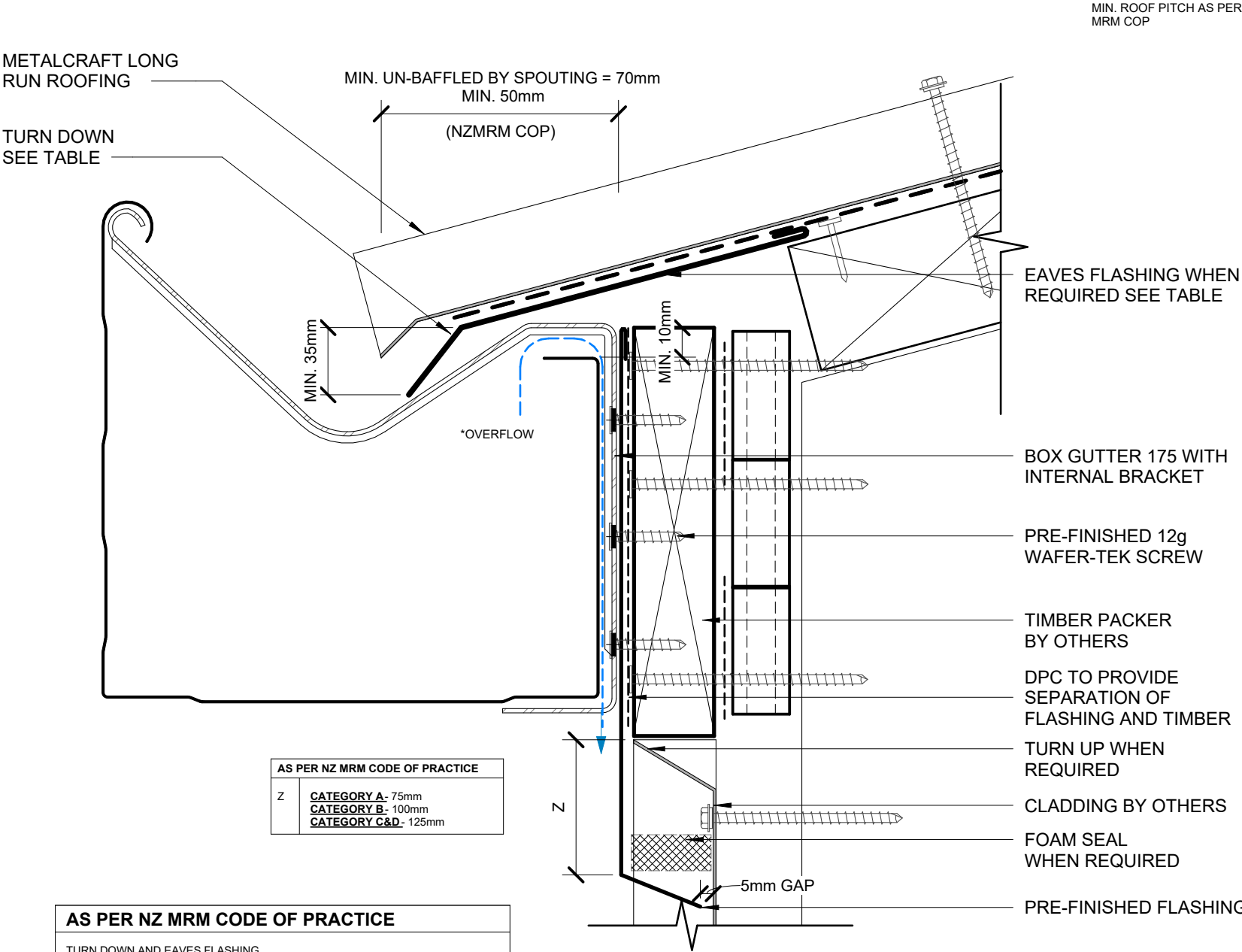
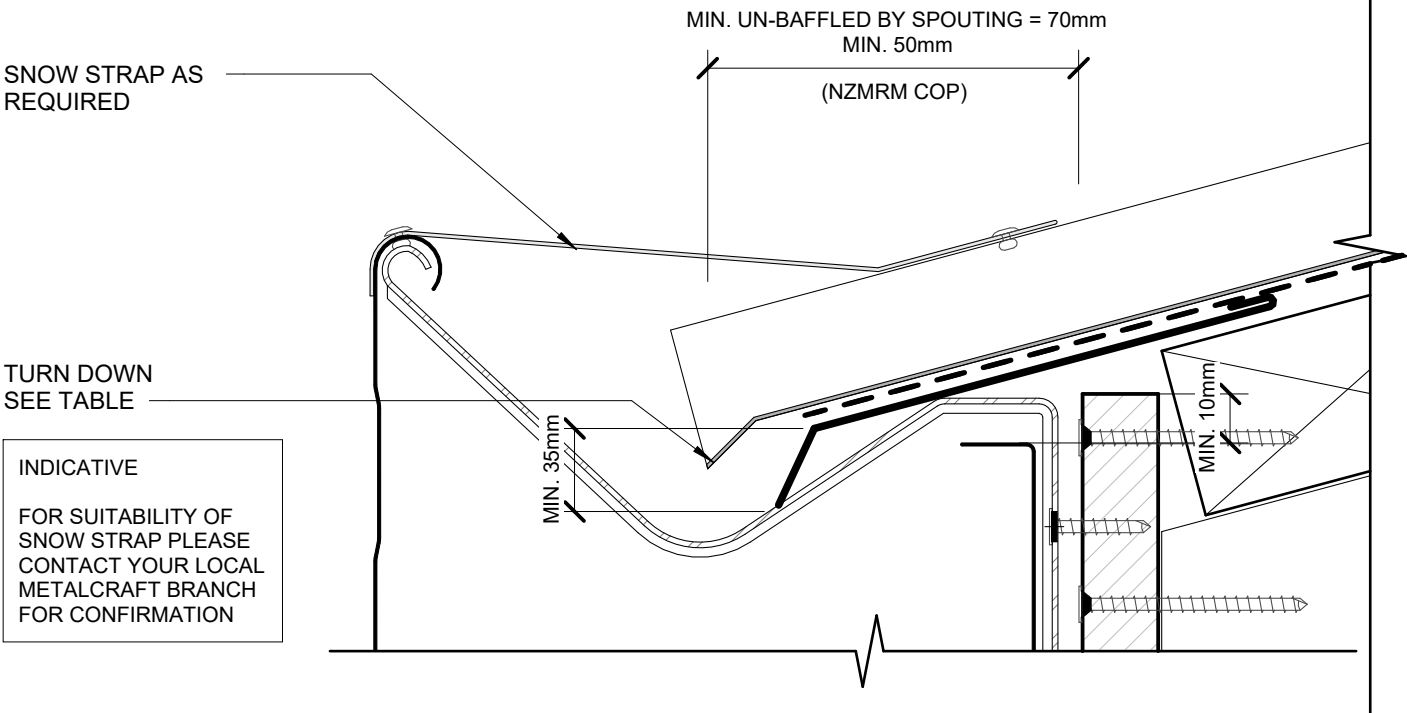
OVERFLOW WITH NO SOFFIT OVERHANG =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.



ALTERNATIVE OPTION



AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A- 75mm CATEGORY B- 100mm CATEGORY C&D- 125mm

AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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AS PER NZ MRM CODE OF PRACTICE

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OVERFLOW WITH NO SOFFIT OVERHANG =

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AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

AS PER NZ MRM CODE OF PRACTICE
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OVERFLOW WITH SOFFIT =
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.
OVERFLOW WITH NO SOFFIT OVERHANG =
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AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

PRE-FINISHED
10-12g WAFER-
TEK SCREW

MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)

METALCRAFT LONG RUN
ROOFING

PERMEABLE UNDERLAY, SHOWN DASHED

EAVES FLASHING WHEN REQUIRED SEE TABLE

TURN DOWN
SEE TABLE

MIN. 35mm

*OVERFLOW

MIN. 10mm

BOX GUTTER 300 WITH EXTERNAL BRACKET

PRE-FINISHED 12g WAFER-TEK SCREW

TIMBER FASCIA BY OTHERS

ALTERNATIVE OPTION

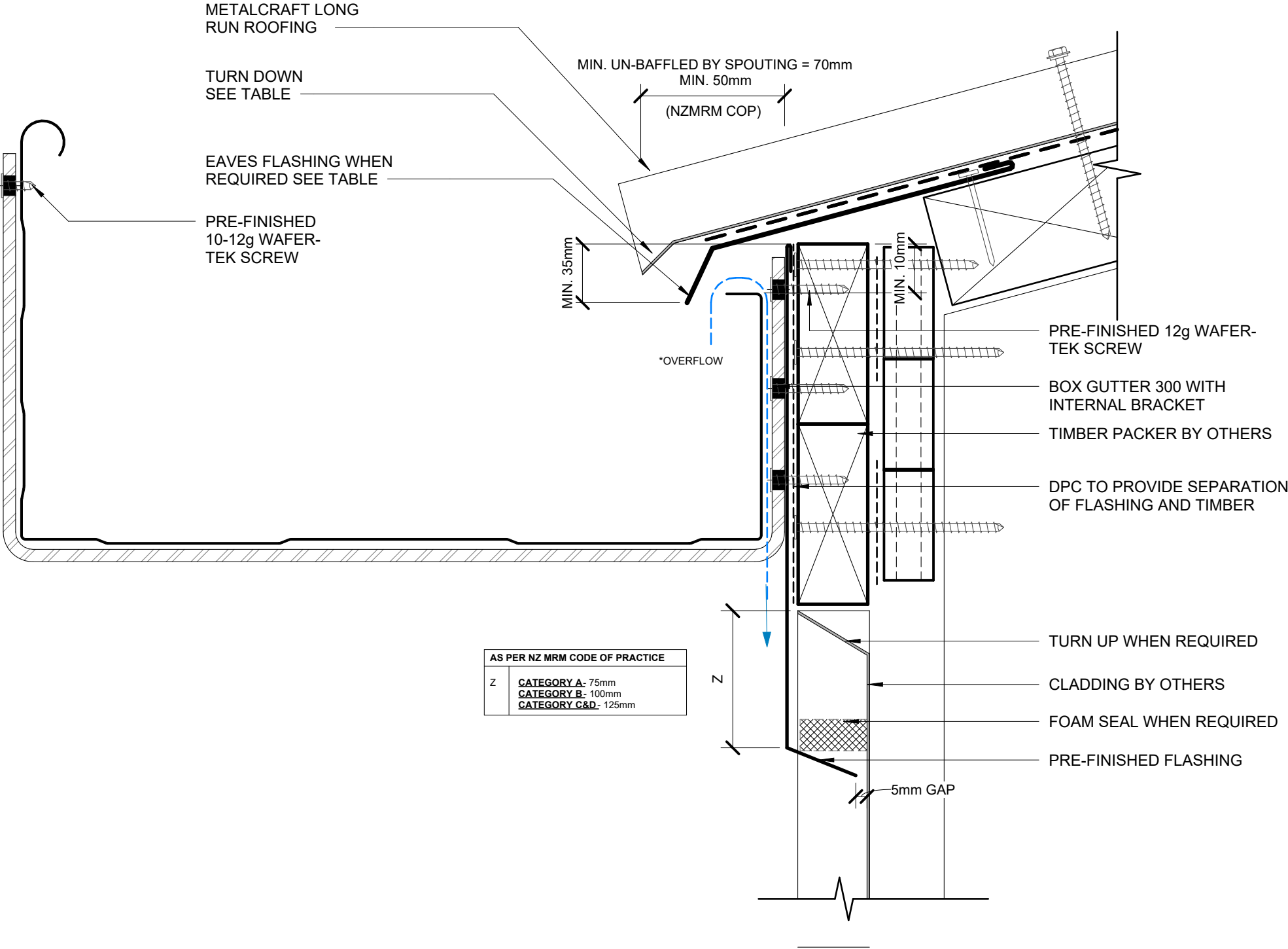
SNOW STRAP AS
REQUIRED

MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)

INDICATIVE
FOR SUITABILITY OF
SNOW STRAP PLEASE
CONTACT YOUR LOCAL
METALCRAFT BRANCH
FOR CONFIRMATION

MIN. 35mm

MIN. 10mm



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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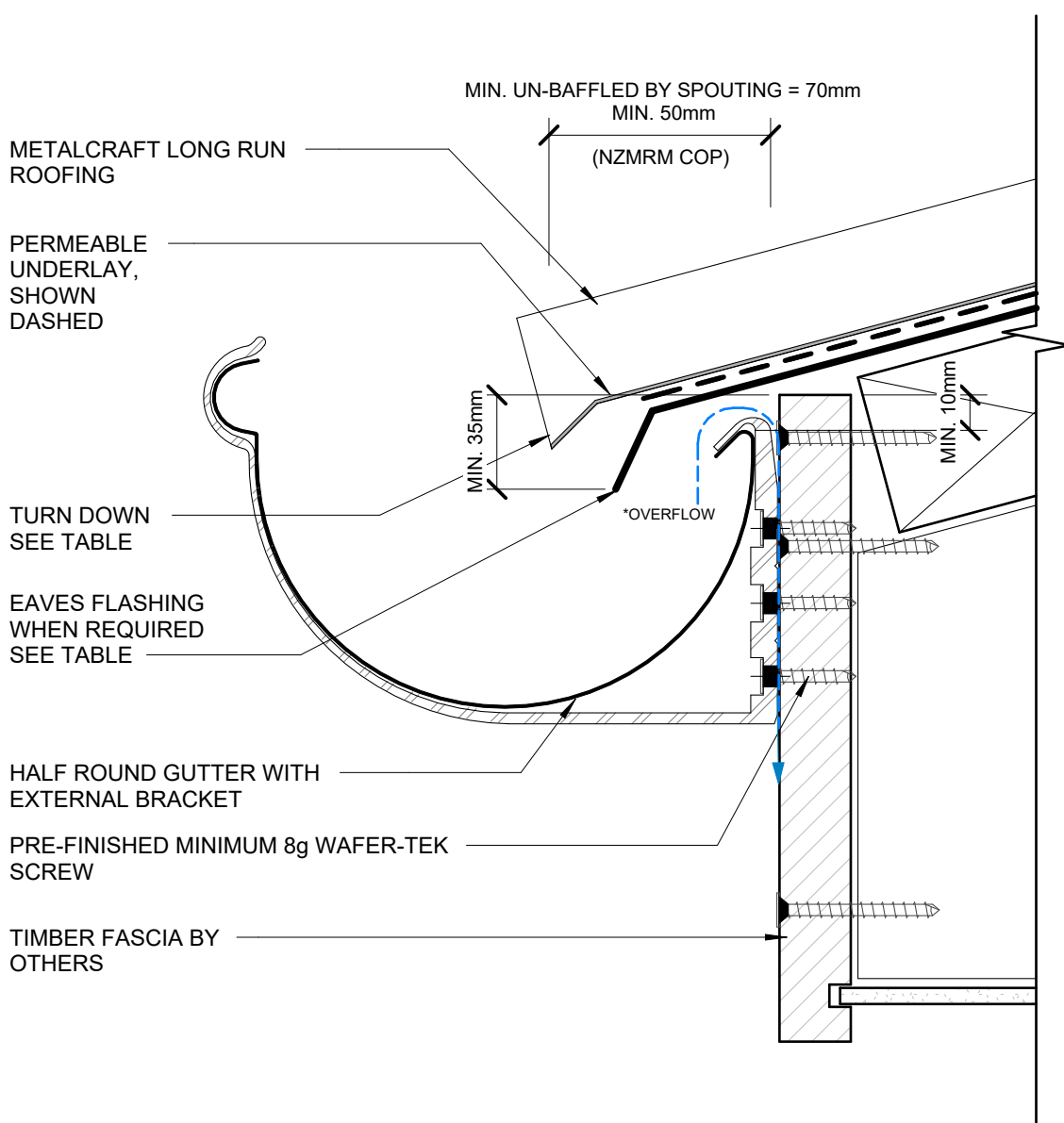
OVERFLOW WITH SOFFIT =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

OVERFLOW WITH NO SOFFIT OVERHANG =

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AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.



AS PER NZ MRM CODE OF PRACTICE

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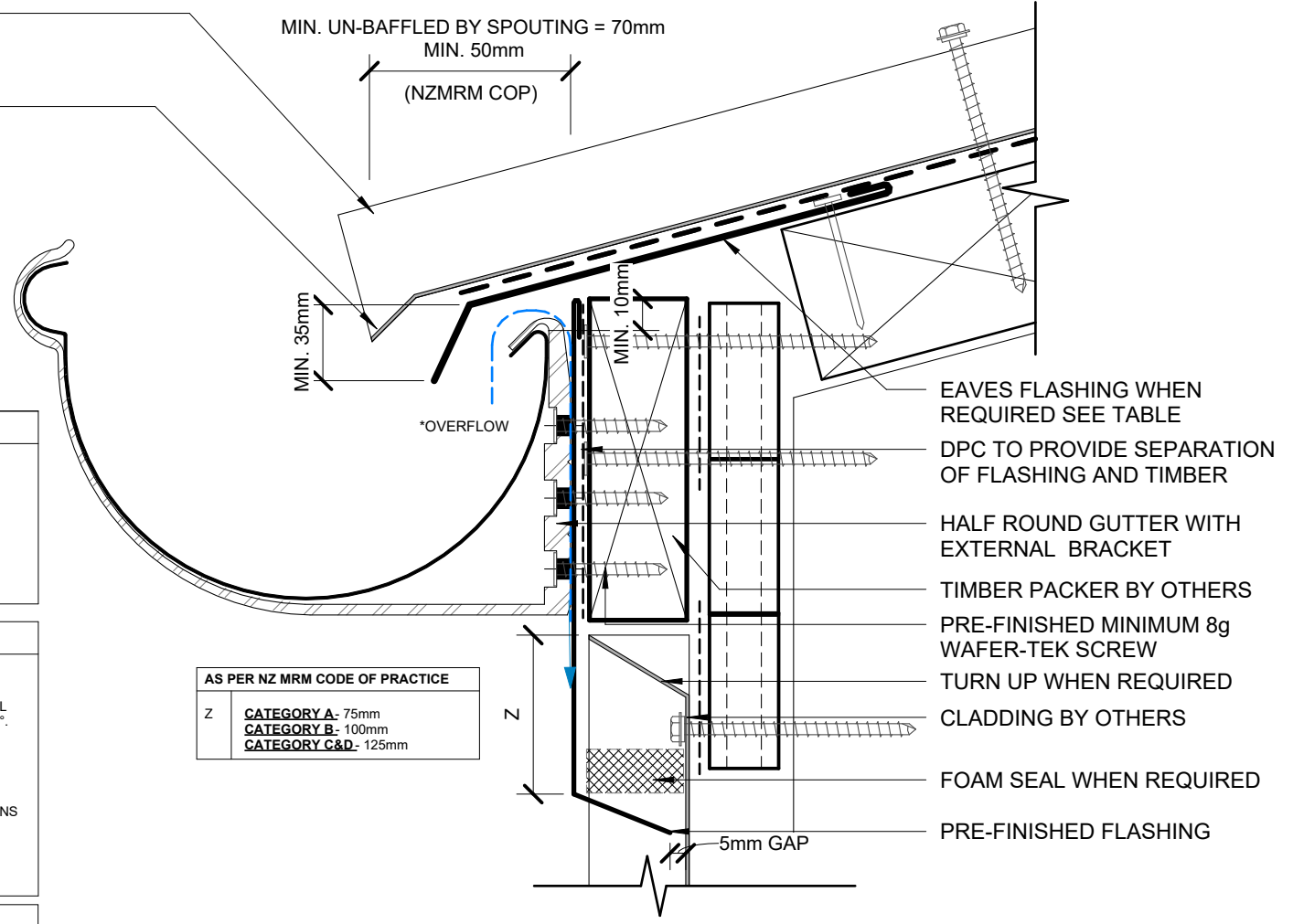
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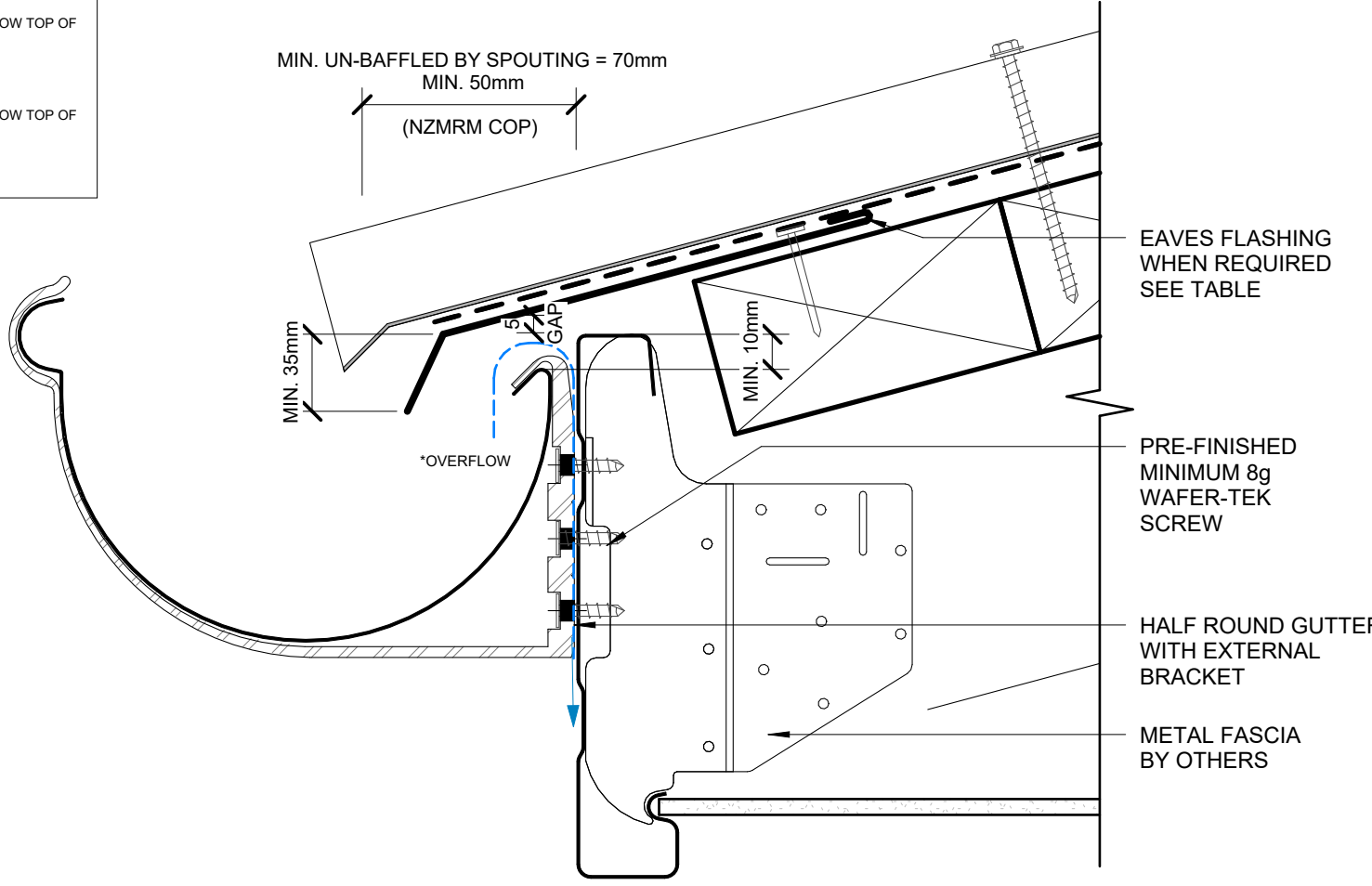
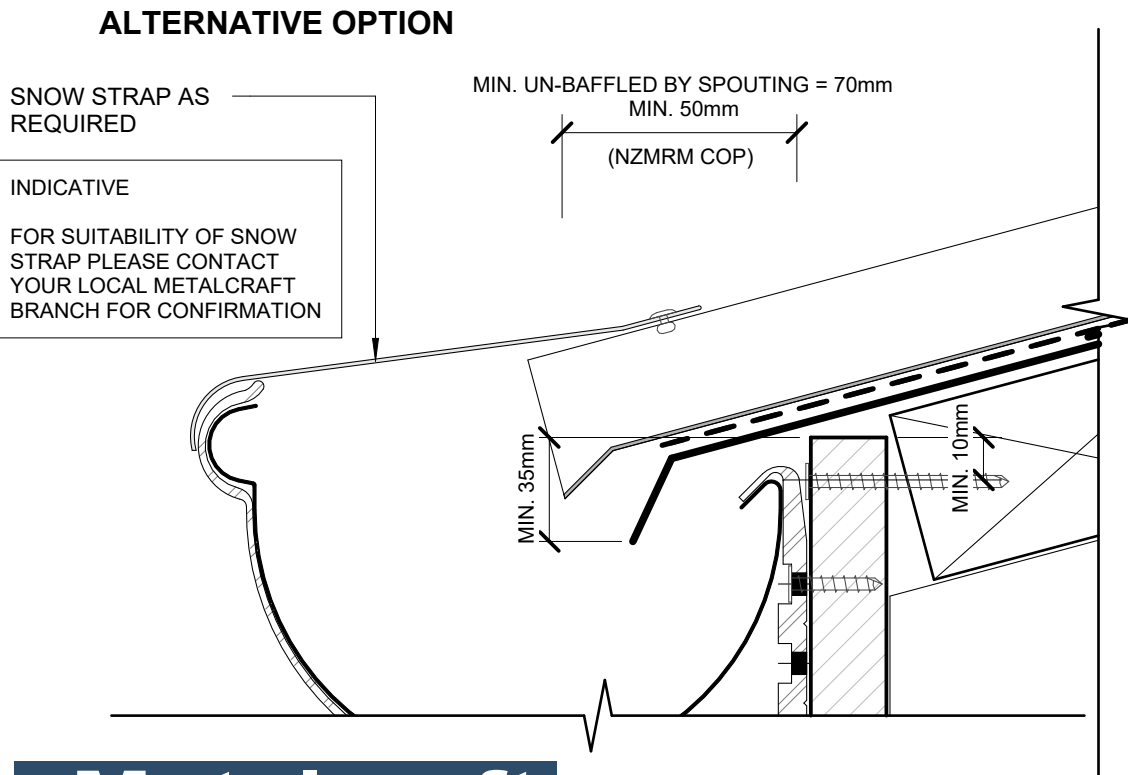
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

METALCRAFT LONG
RUN ROOFING

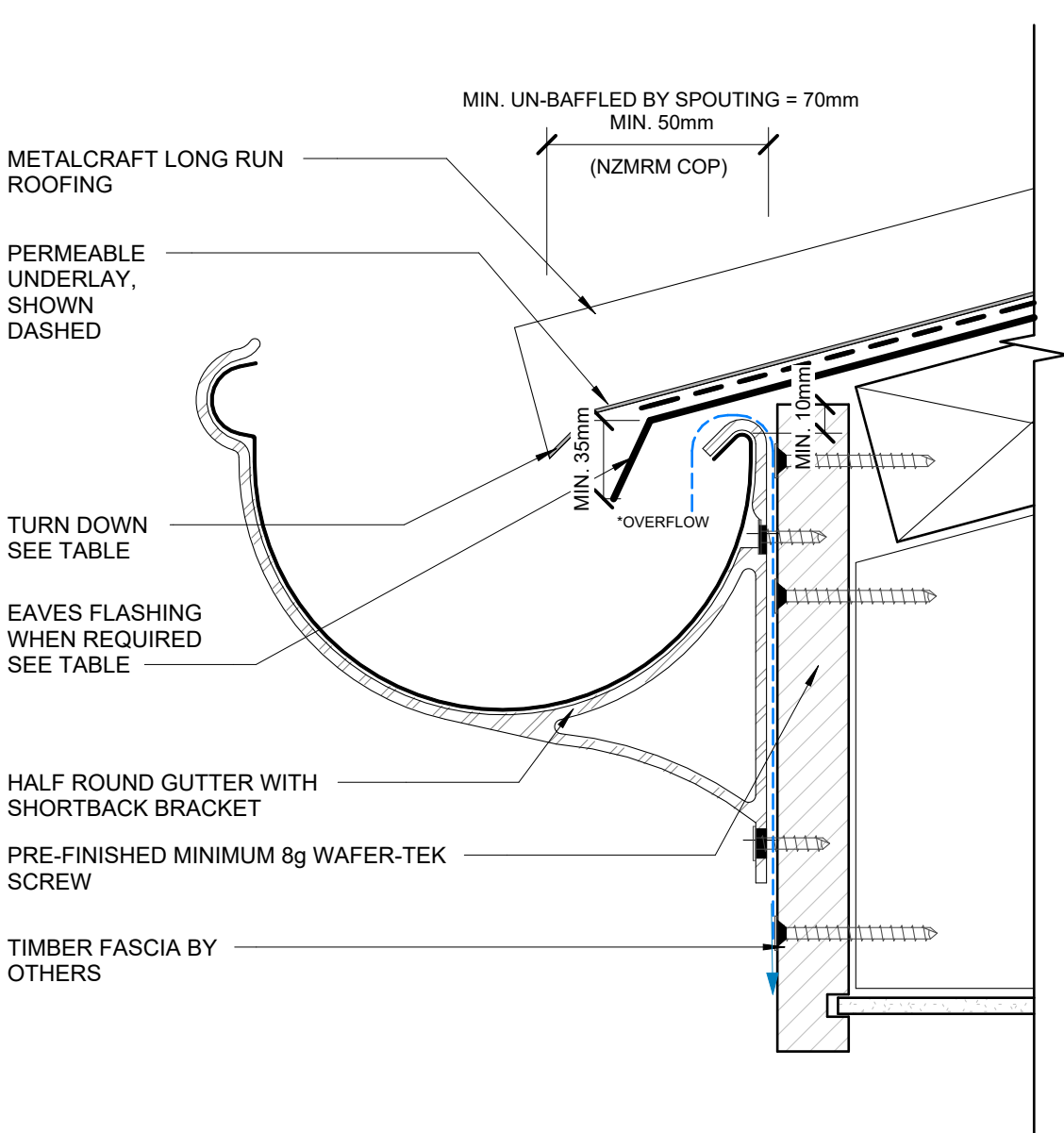
TURN DOWN
SEE TABLE



AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A: 75mm CATEGORY B: 100mm CATEGORY C&D: 125mm



HALF ROUND GUTTER EXTERNAL BRACKET



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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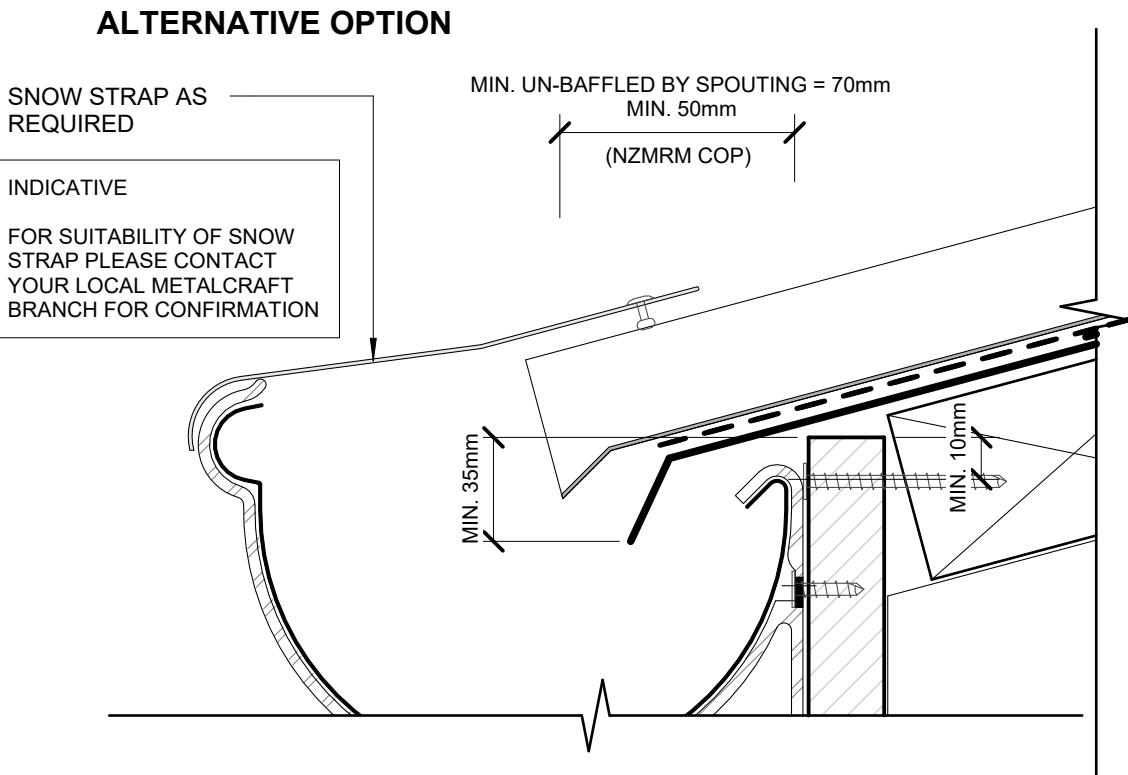
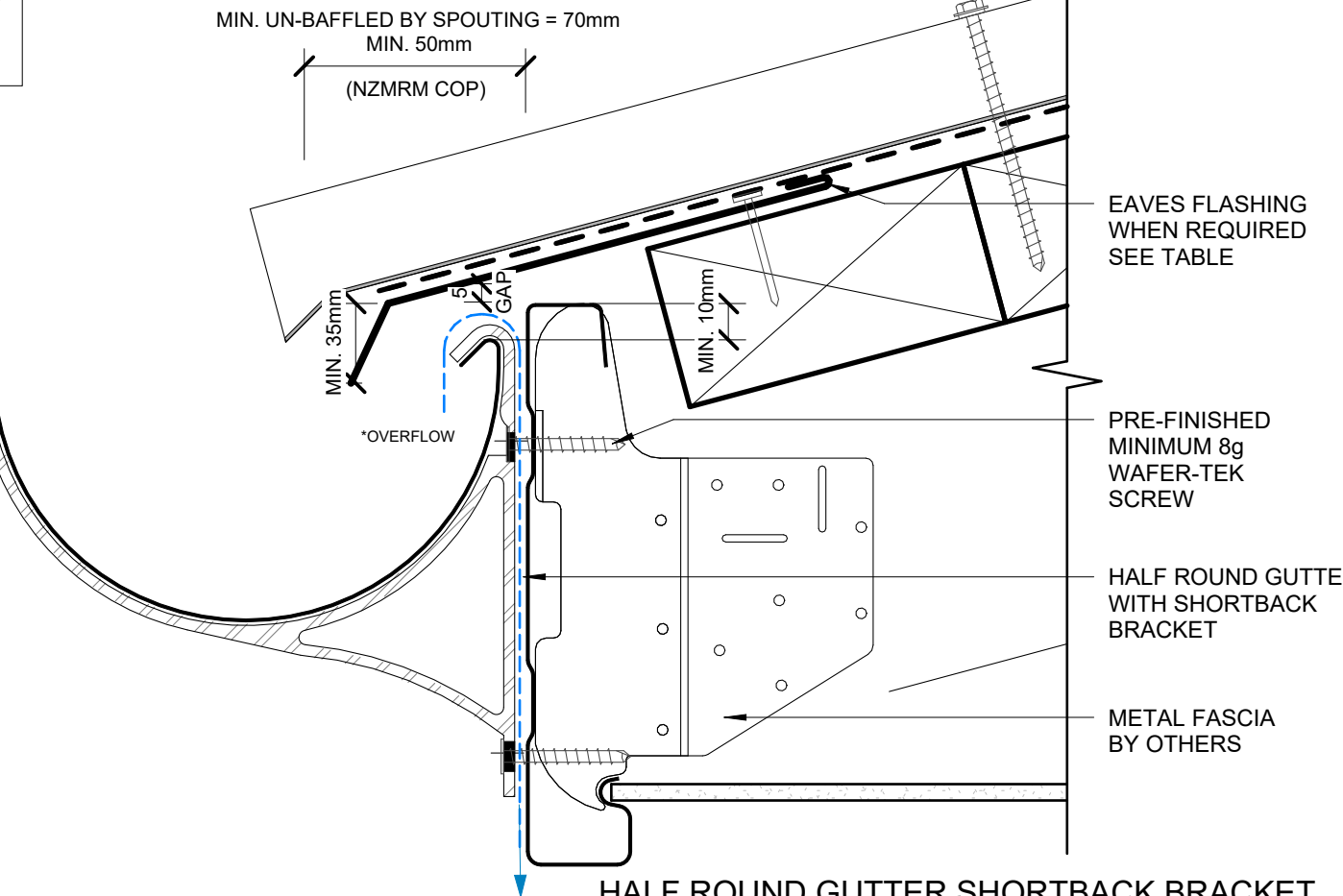
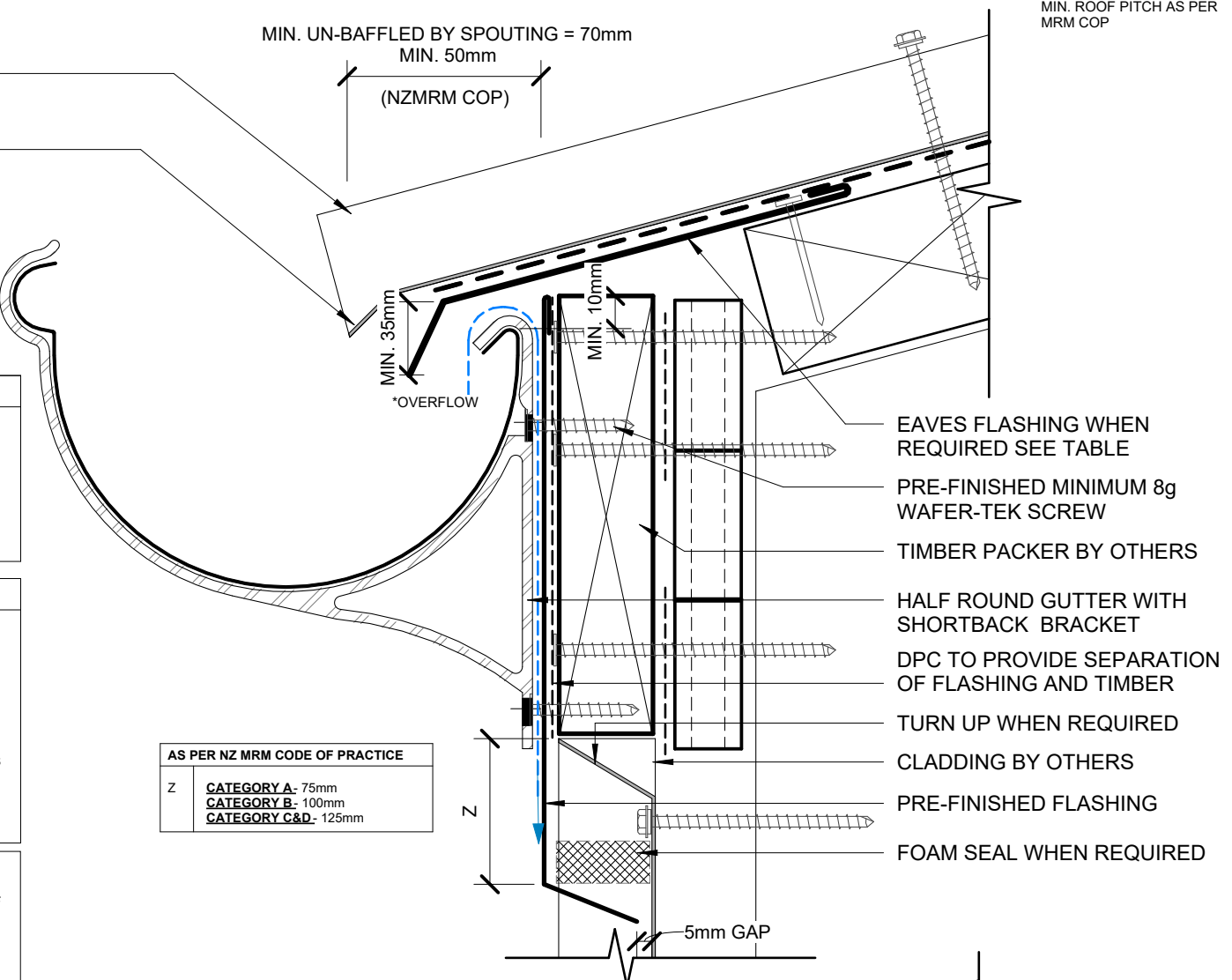
OVERFLOW WITH SOFFIT =

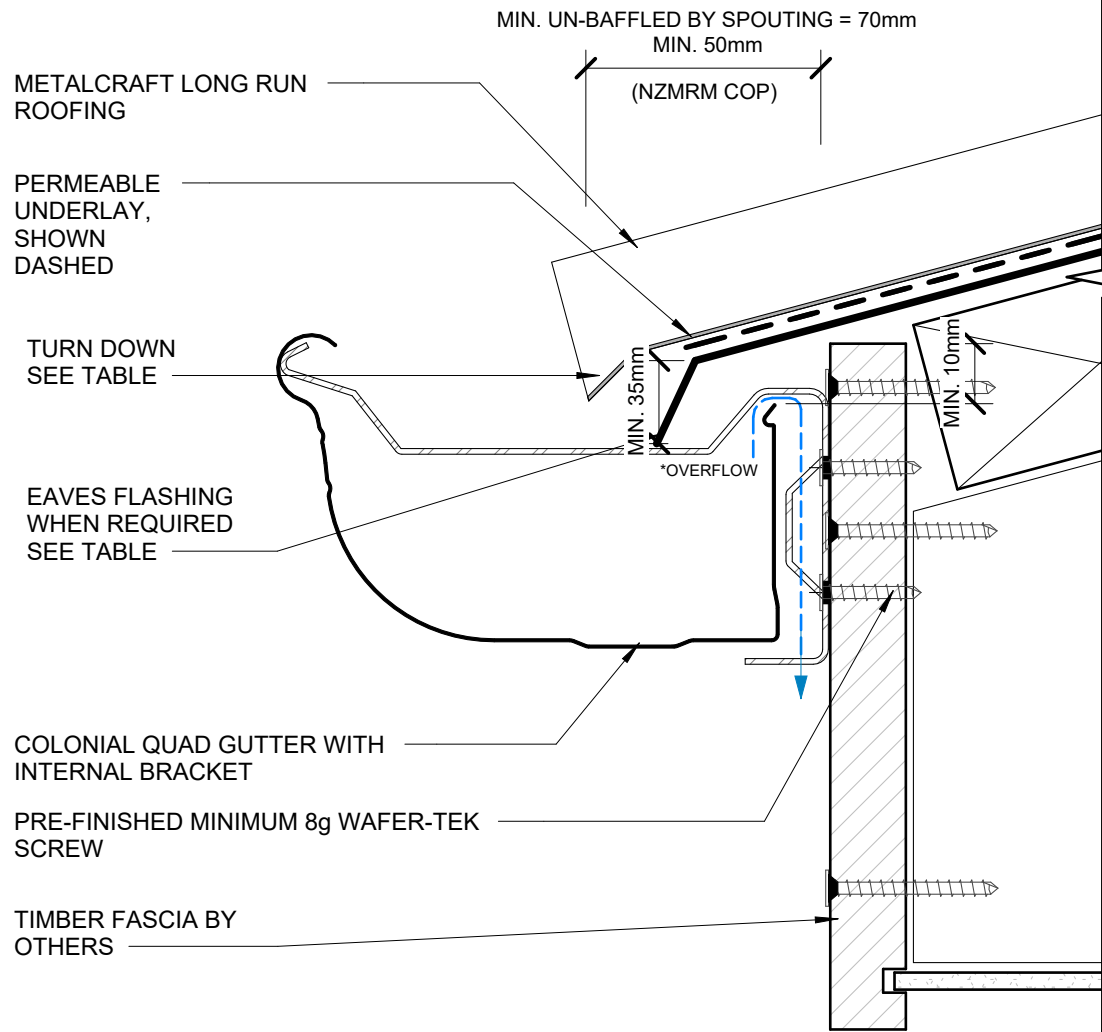
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

OVERFLOW WITH NO SOFFIT OVERHANG =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.





AS PER NZ MRM CODE OF PRACTICE

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OVERFLOW WITH SOFFIT =

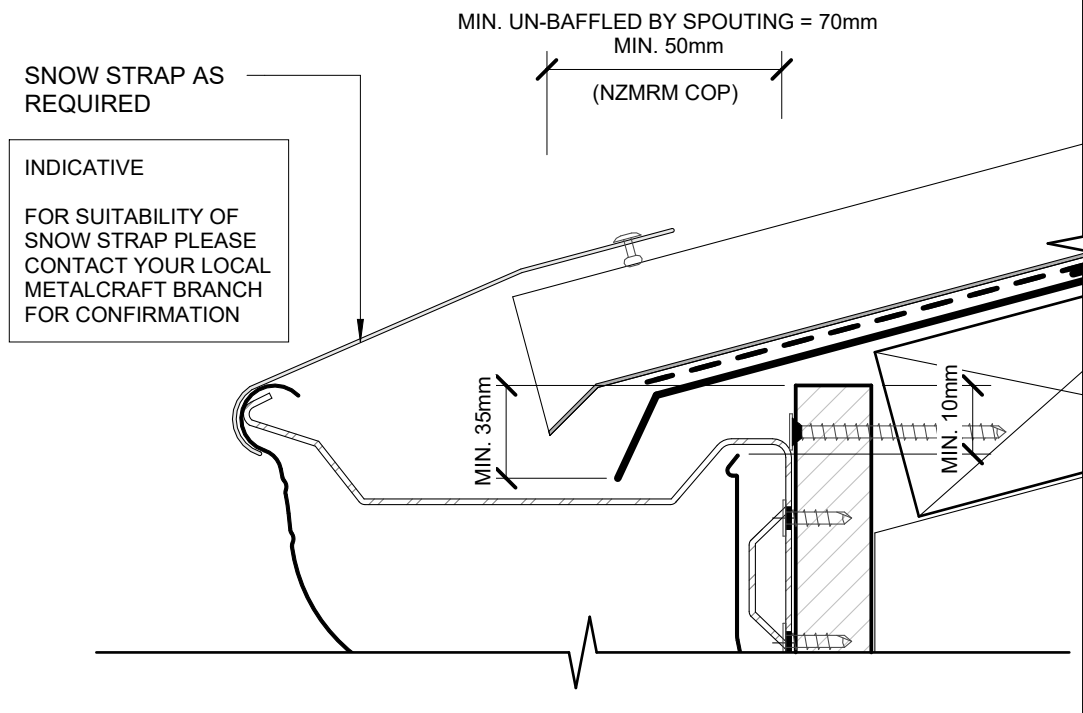
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

OVERFLOW WITH NO SOFFIT OVERHANG =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

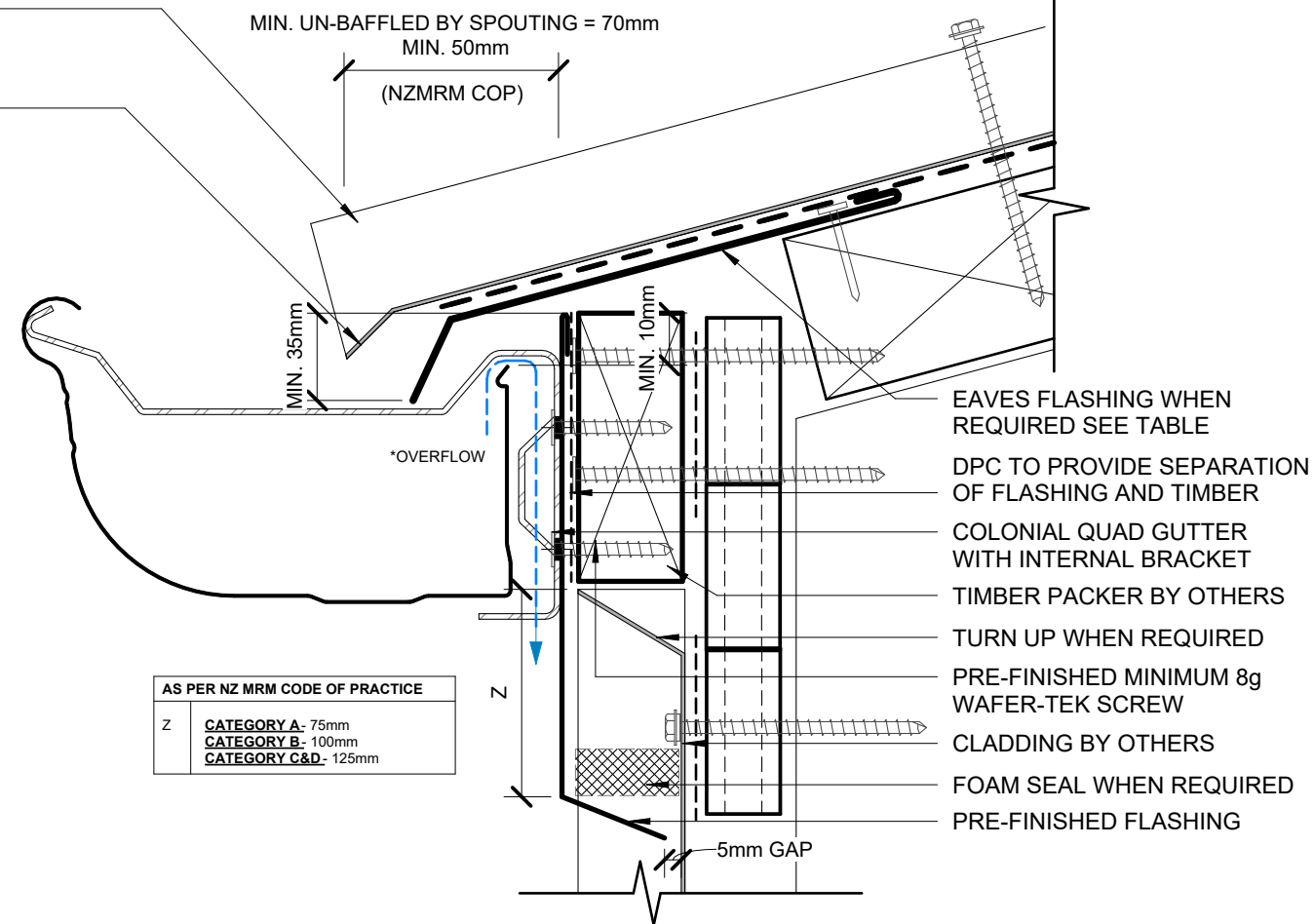
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

ALTERNATIVE OPTION

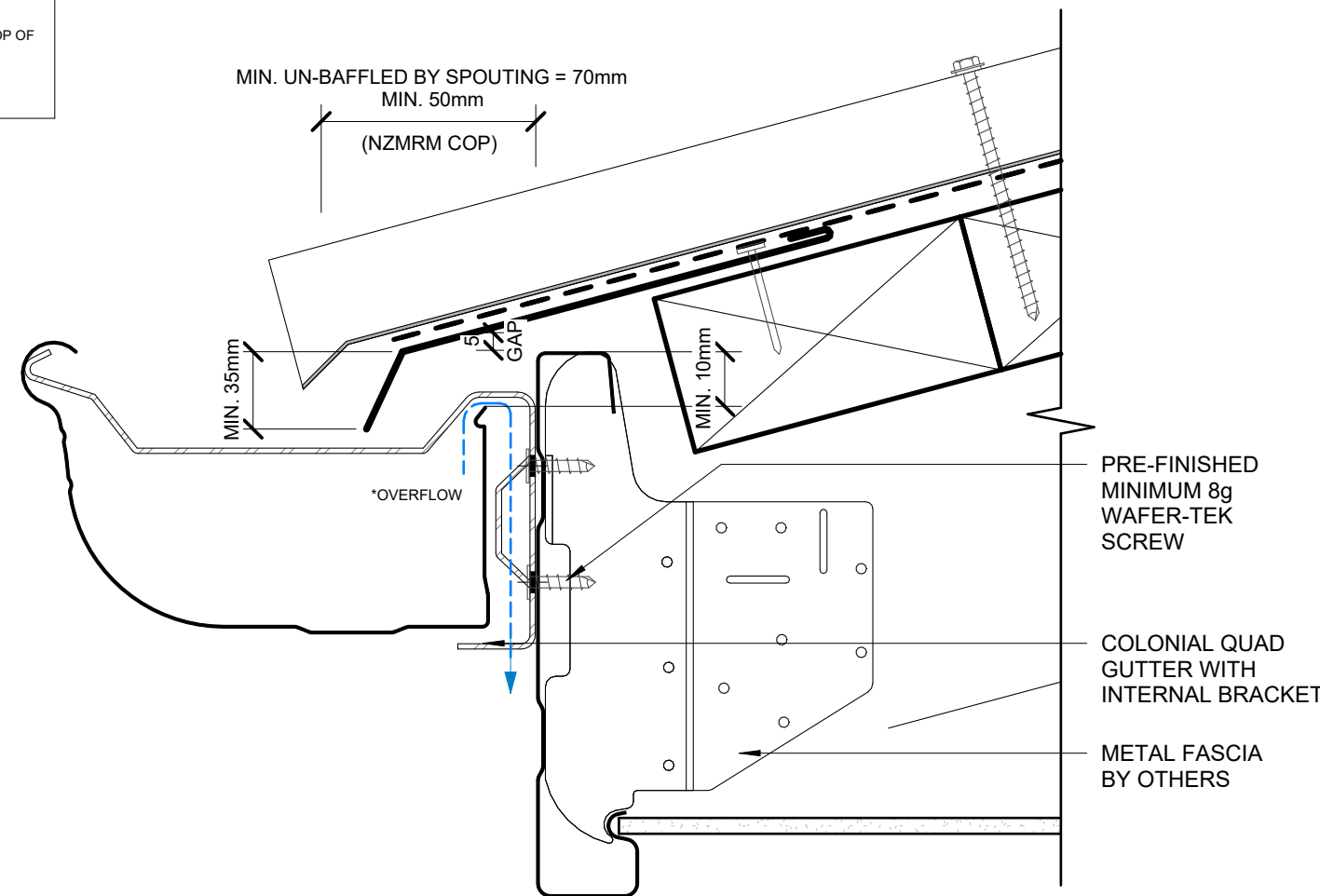


METALCRAFT LONG RUN ROOFING

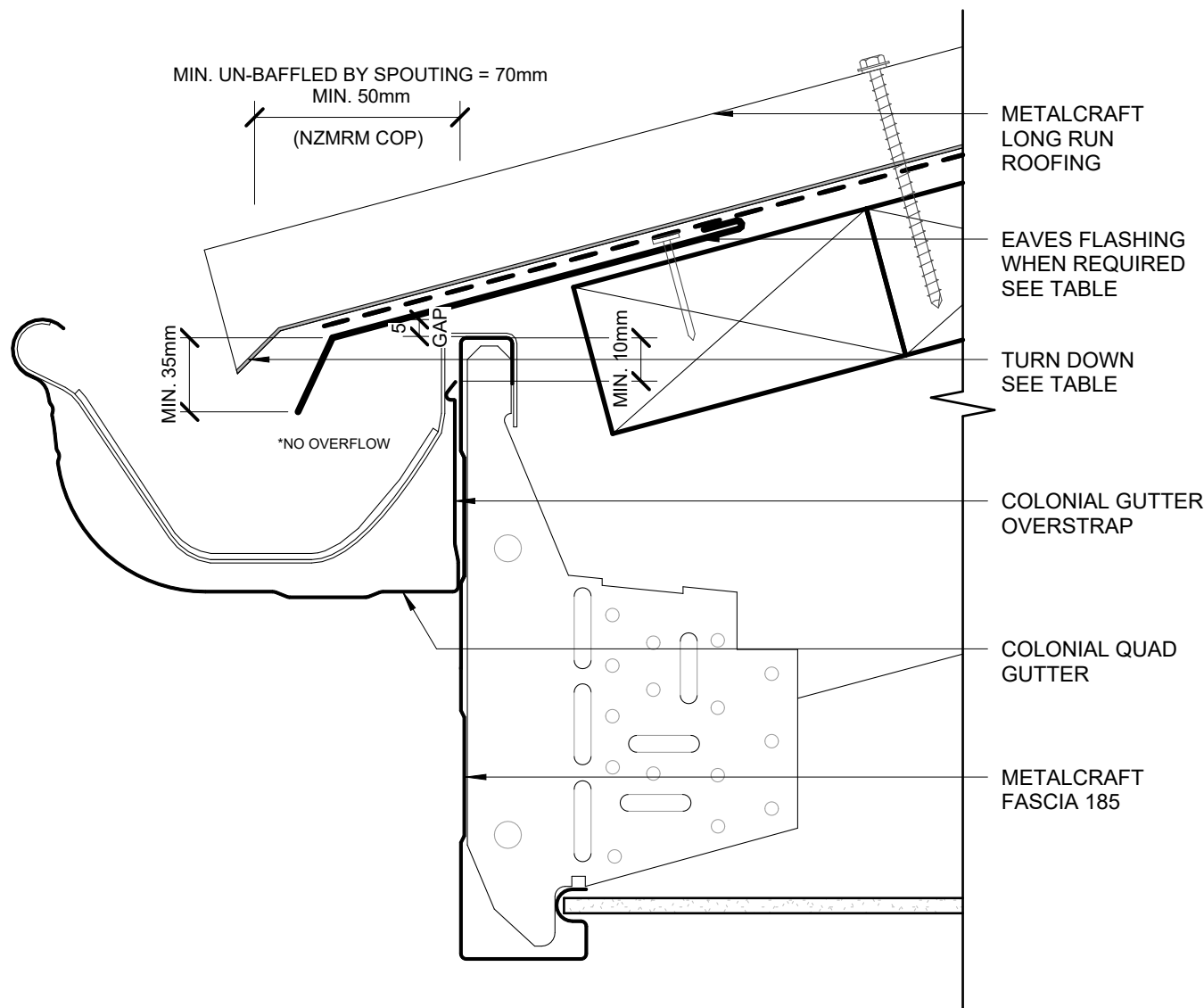
TURN DOWN
SEE TABLE



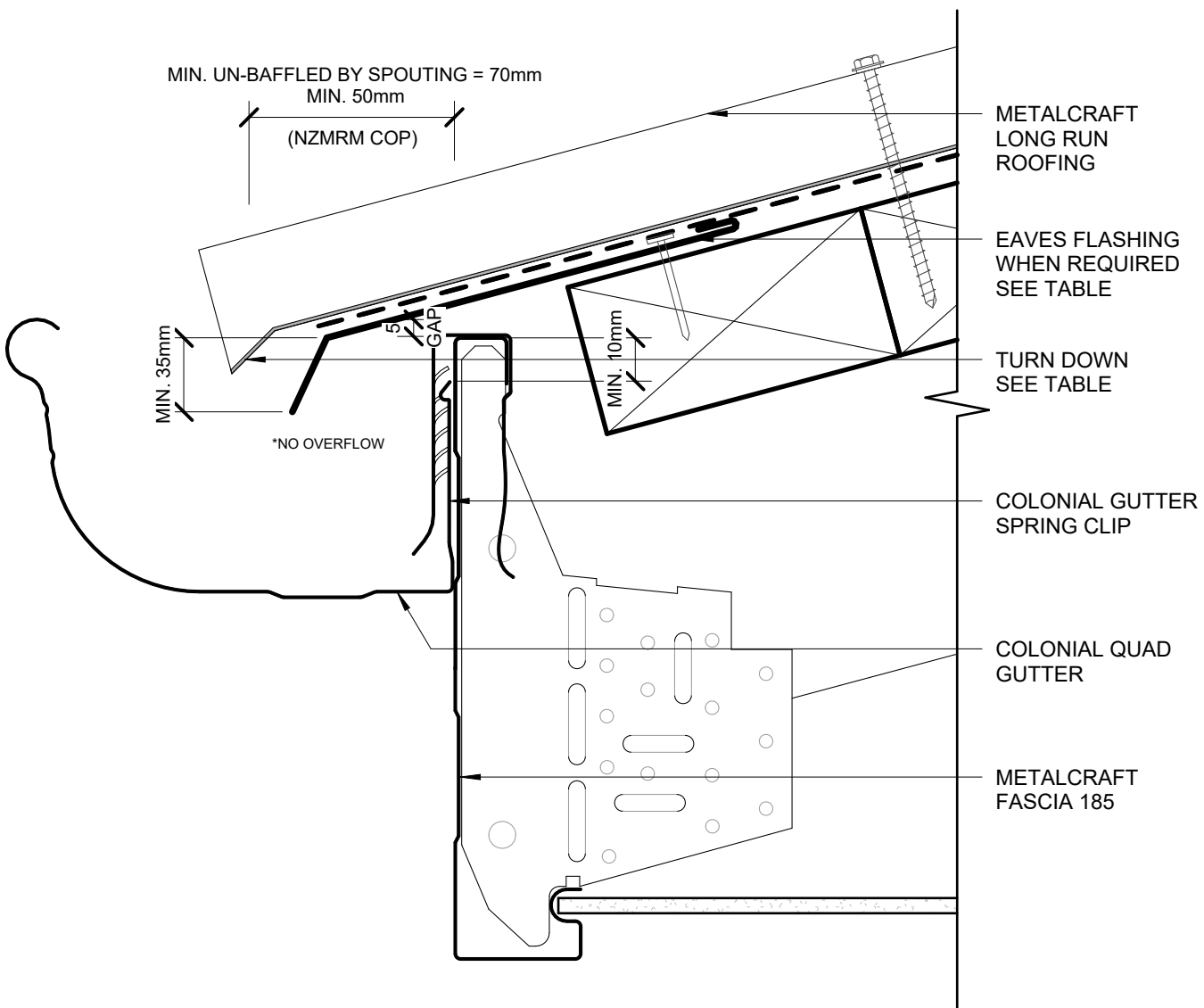
AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A- 75mm
	CATEGORY B- 100mm
	CATEGORY C&D- 125mm



COLONIAL QUAD GUTTER GUTTER DETAILS



OVERSTRAP CROSS SECTION



SPRING CLIP CROSS SECTION

AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

ALL ROOF CLADDING WITH A PITCH OF LESS THAN 8° MUST BE PROVIDED WITH TURN-DOWNS AFTER THE ROOF IS FIXED, USING SPECIAL TOOLS TO ENSURE WATER FLOWS DIRECTLY INTO THE GUTTER.

PROFILES THAT PREVENT TURN DOWN IN THE PAN (SUCH AS DEEP CORRUGATED) AND ARE FIXED AT PITCHES OF LESS THAN 8°, AN EAVES FLASHING IS REQUIRED.

AS PER E2/AS1

TURN DOWN AND EAVES FLASHING

THE LOWER ENDS OF TRAPEZOIDAL AND TROUGH PROFILE ROOFING SHALL BE TURNED DOWN AT GUTTERS, WHERE THE ROOF PITCH IS LESS THAN 10°. FOR CORRUGATE OR PROFILES THAT A TURN DOWN CANNOT BE PERFORMED AN EAVES FLASHING MUST BE INSTALLED.

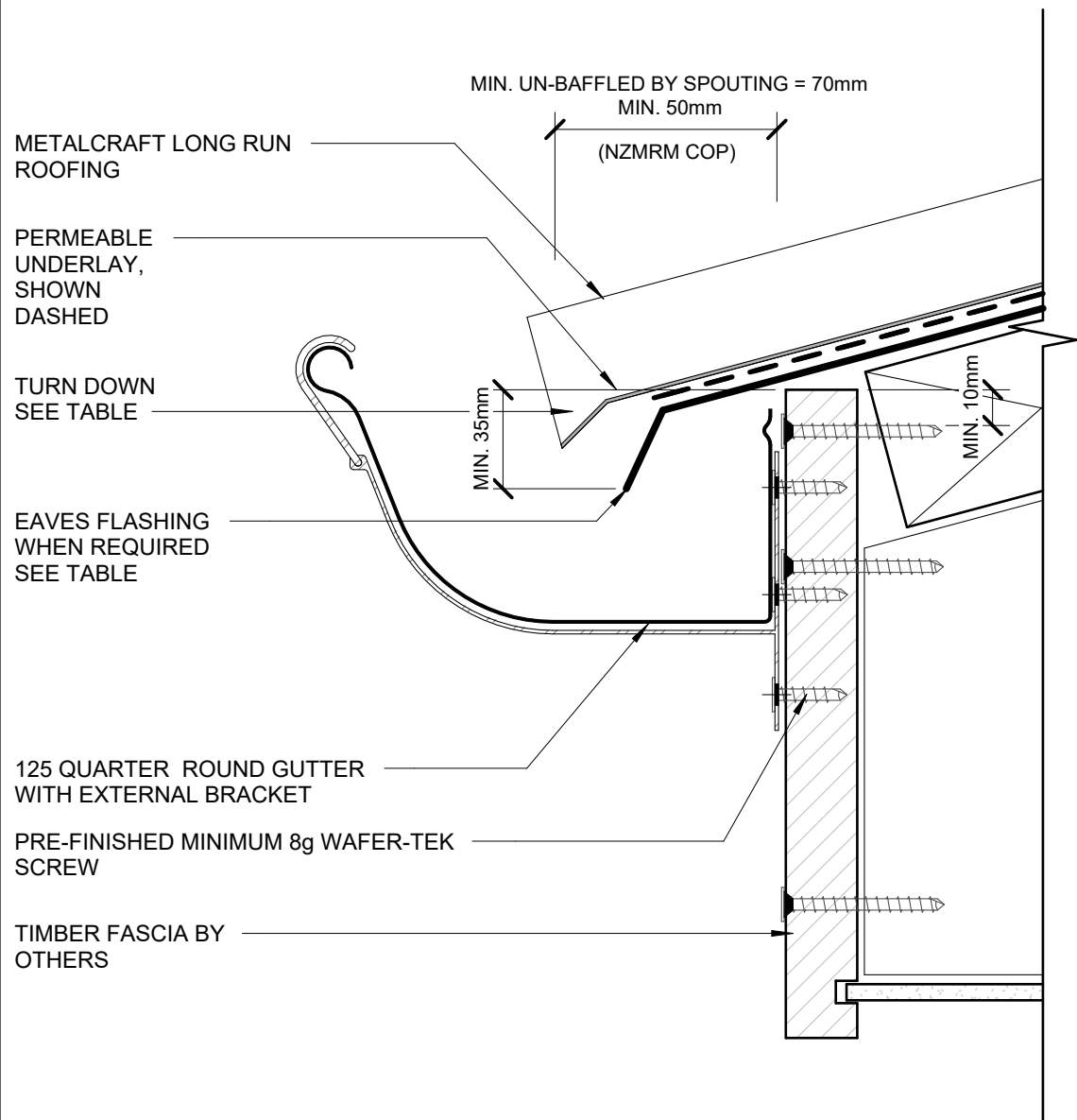
THE TURN-DOWN SHALL BE 30° FROM THE PLANE OF THE SHEET.

EAVE FLASHING ARE REQUIRED WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:

- ROOF SLOPE LESS THAN OR EQUAL TO 10°
- SOFFIT WIDTH LESS THAN OR EQUAL TO 100mm
- WIND ZONES ARE VERY HIGH OR EXTRA HIGH

NO OVERFLOW WITH OR WITHOUT SOFFIT

COLONIAL QUAD GUTTER WHEN INSTALLED WITH A SPRING CLIP TO BE DESIGNED AS AN INTERNAL GUTTER IN ACCORDANCE WITH SECTION 5.3.2.3B OF NZMRM COP.



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

ALL ROOF CLADDING WITH A PITCH OF LESS THAN 8° MUST BE PROVIDED WITH TURN-DOWNS AFTER THE ROOF IS FIXED, USING SPECIAL TOOLS TO ENSURE WATER FLOWS DIRECTLY INTO THE GUTTER.

PROFILES THAT PREVENT TURN DOWN IN THE PAN (SUCH AS DEEP CORRUGATED) AND ARE FIXED AT PITCHES OF LESS THAN 8°, AN EAVES FLASHING IS REQUIRED.

AS PER E2/AS1

TURN DOWN AND EAVES FLASHING

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THE TURN-DOWN SHALL BE 30° FROM THE PLANE OF THE SHEET.

EAVE FLASHING ARE REQUIRED WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:

- ROOF SLOPE LESS THAN OR EQUAL TO 10°
- SOFFIT WIDTH LESS THAN OR EQUAL TO 100mm
- WIND ZONES ARE VERY HIGH OR EXTRA HIGH

OVERFLOW WITH SOFFIT =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

OVERFLOW WITH NO SOFFIT OVERHANG =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

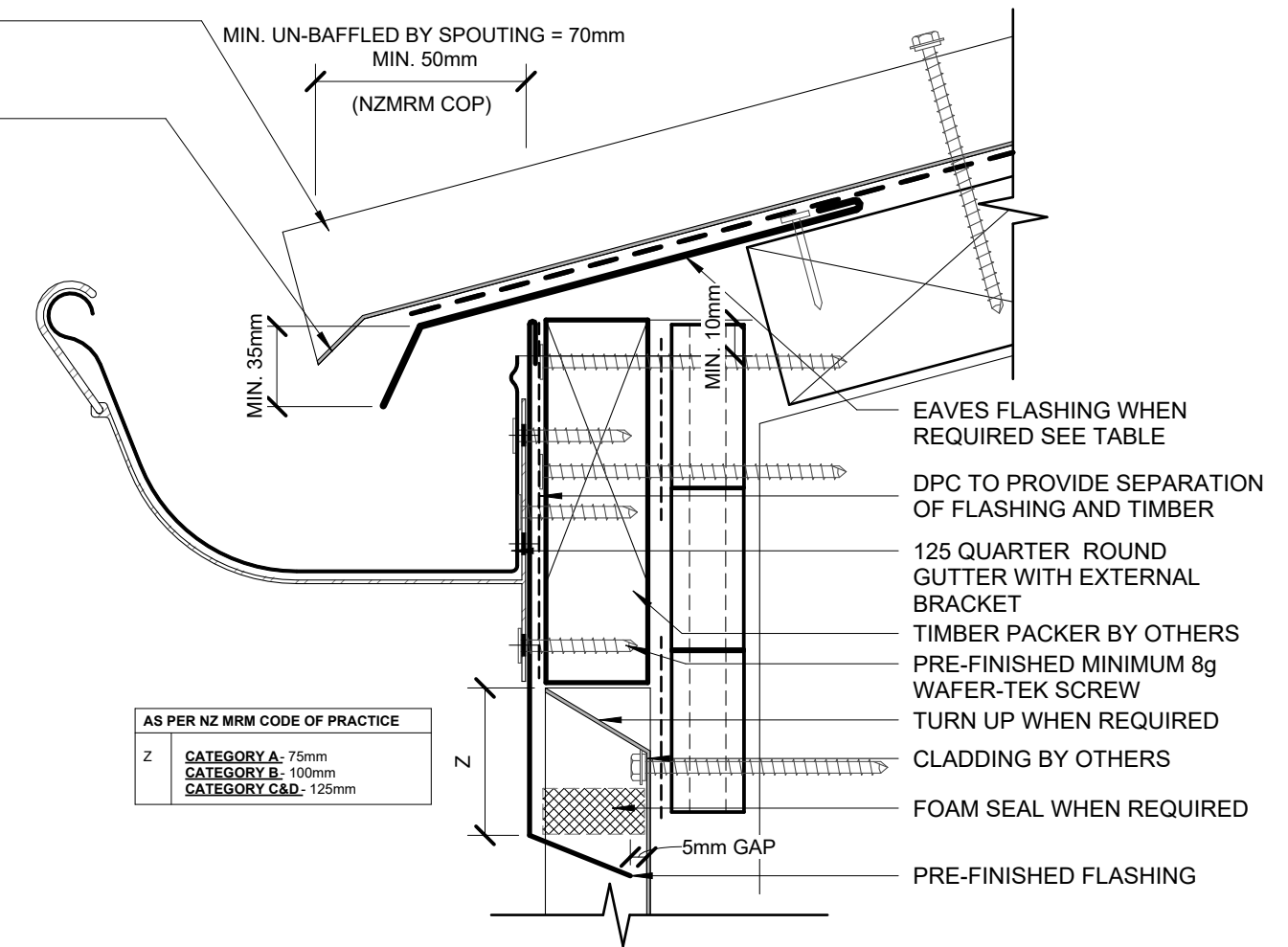
IF OVERFLOW IS REQUIRED FOR 125 QUARTER ROUND GUTTER THEN AN ADDITIONAL PACKER WOULD BE REQUIRED

METALCRAFT LONG
RUN ROOFING

TURN DOWN
SEE TABLE

MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)

AS PER NZ MRM CODE OF PRACTICE	
Z	CATEGORY A: 75mm CATEGORY B: 100mm CATEGORY C&D: 125mm



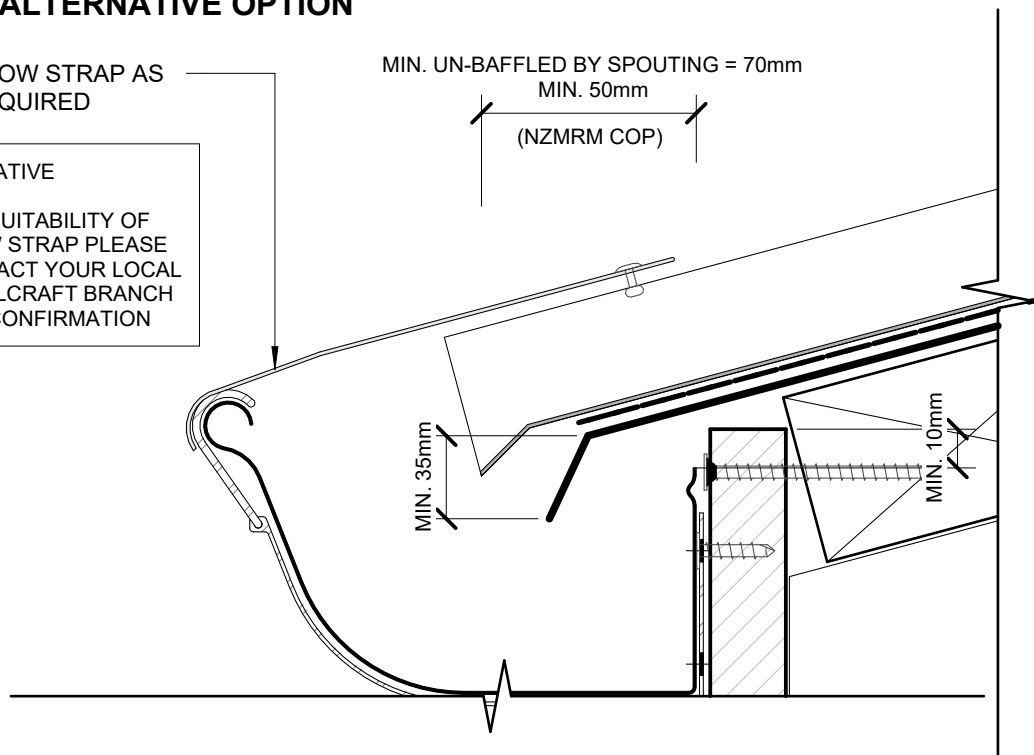
ALTERNATIVE OPTION

SNOW STRAP AS
REQUIRED

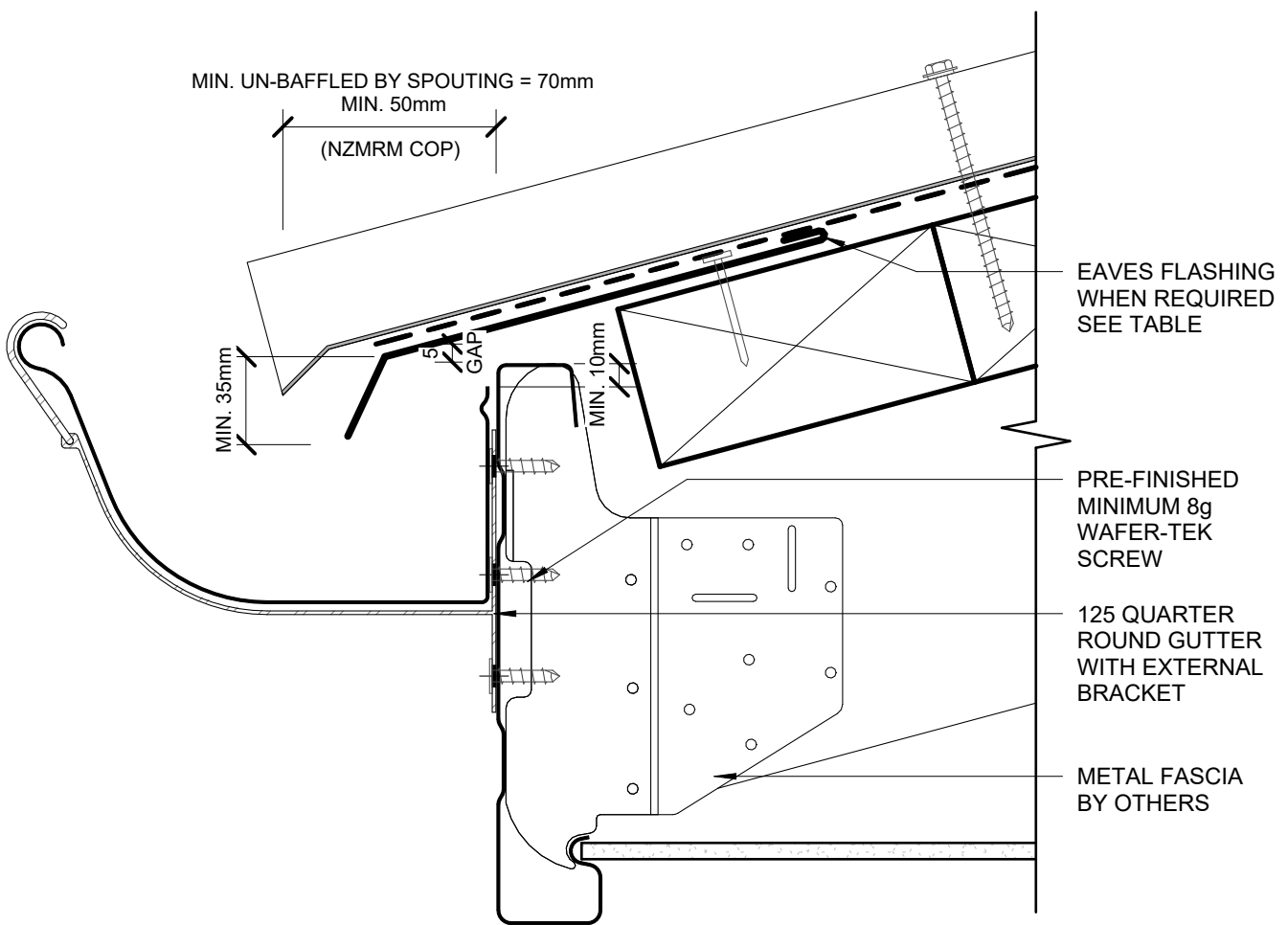
INDICATIVE

FOR SUITABILITY OF
SNOW STRAP PLEASE
CONTACT YOUR LOCAL
METALCRAFT BRANCH
FOR CONFIRMATION

MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)



MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)



Metalcraft
Roofing
www.metalcraftgroup.co.nz

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice and E2 and all other relevant building codes
Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is 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.

Metalcraft Gutters
Install

Rev. 1.0

Reference GAI

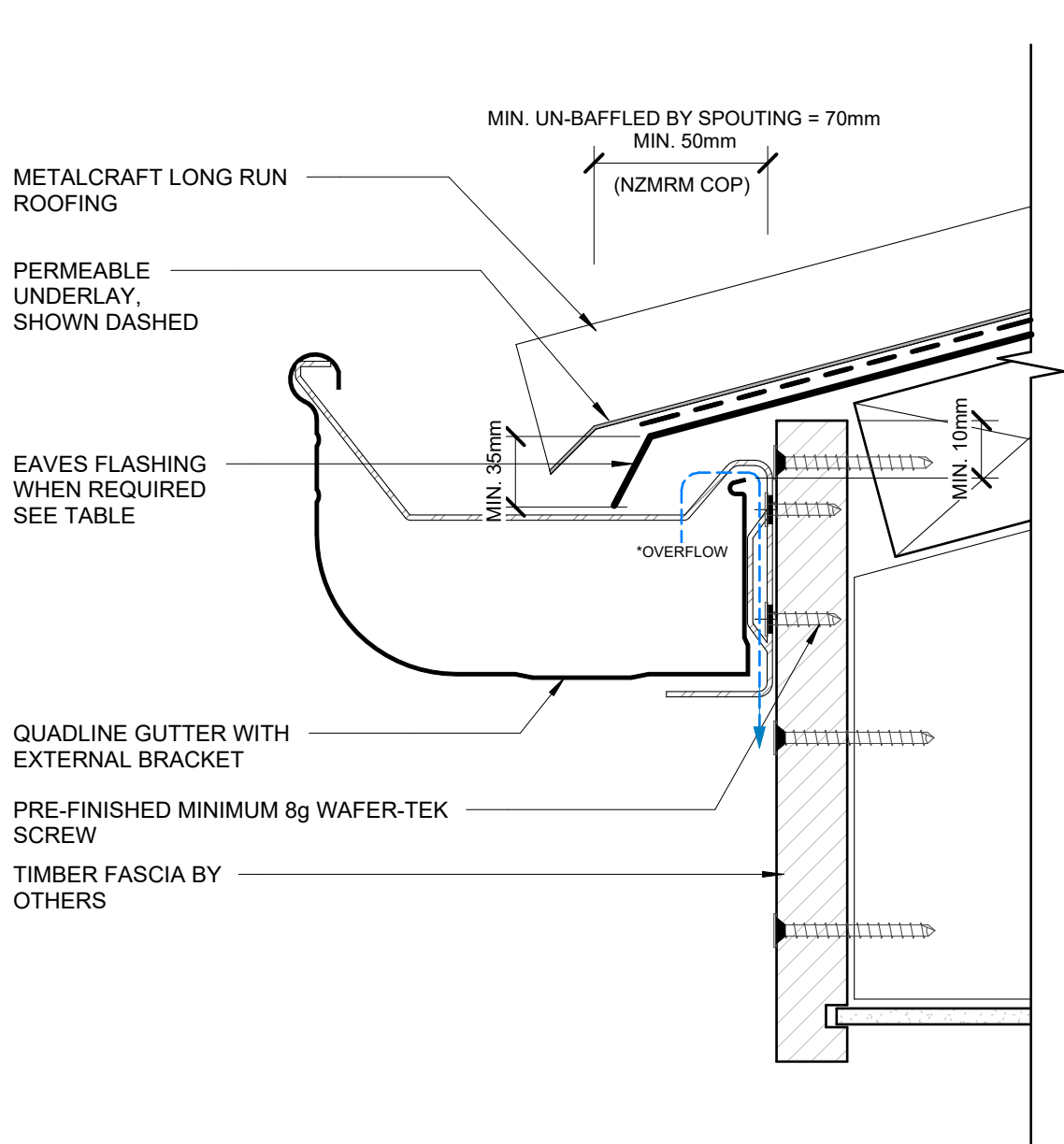
Date JUNE 2026

Scale 1 : 2

Sheet

125 QUARTER ROUND GUTTER
GUTTER DETAILS

A 10



METALCRAFT LONG RUN ROOFING

TURN DOWN
SEE TABLE

MIN. UN-BAFFLED BY SPOUTING = 70mm
MIN. 50mm
(NZMRM COP)

AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

ALL ROOF CLADDING WITH A PITCH OF LESS THAN 8° MUST BE PROVIDED WITH TURN-DOWNS AFTER THE ROOF IS FIXED, USING SPECIAL TOOLS TO ENSURE WATER FLOWS DIRECTLY INTO THE GUTTER.

PROFILES THAT PREVENT TURN DOWN IN THE PAN (SUCH AS DEEP CORRUGATED) AND ARE FIXED AT PITCHES OF LESS THAN 8°, AN EAVES FLASHING IS REQUIRED.

AS PER E2/AS1

TURN DOWN AND EAVES FLASHING

THE LOWER ENDS OF TRAPEZOIDAL AND TROUGH PROFILE ROOFING SHALL BE TURNED DOWN AT GUTTERS, WHERE THE ROOF PITCH IS LESS THAN 10°. FOR CORRUGATE OR PROFILES THAT A TURN DOWN CANNOT BE PERFORMED AN EAVES FLASHING MUST BE INSTALLED.

THE TURN-DOWN SHALL BE 30° FROM THE PLANE OF THE SHEET.

EAVE FLASHING ARE REQUIRED WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:

- ROOF SLOPE LESS THAN OR EQUAL TO 10°
- SOFFIT WIDTH LESS THAN OR EQUAL TO 100mm
- WIND ZONES ARE VERY HIGH OR EXTRA HIGH

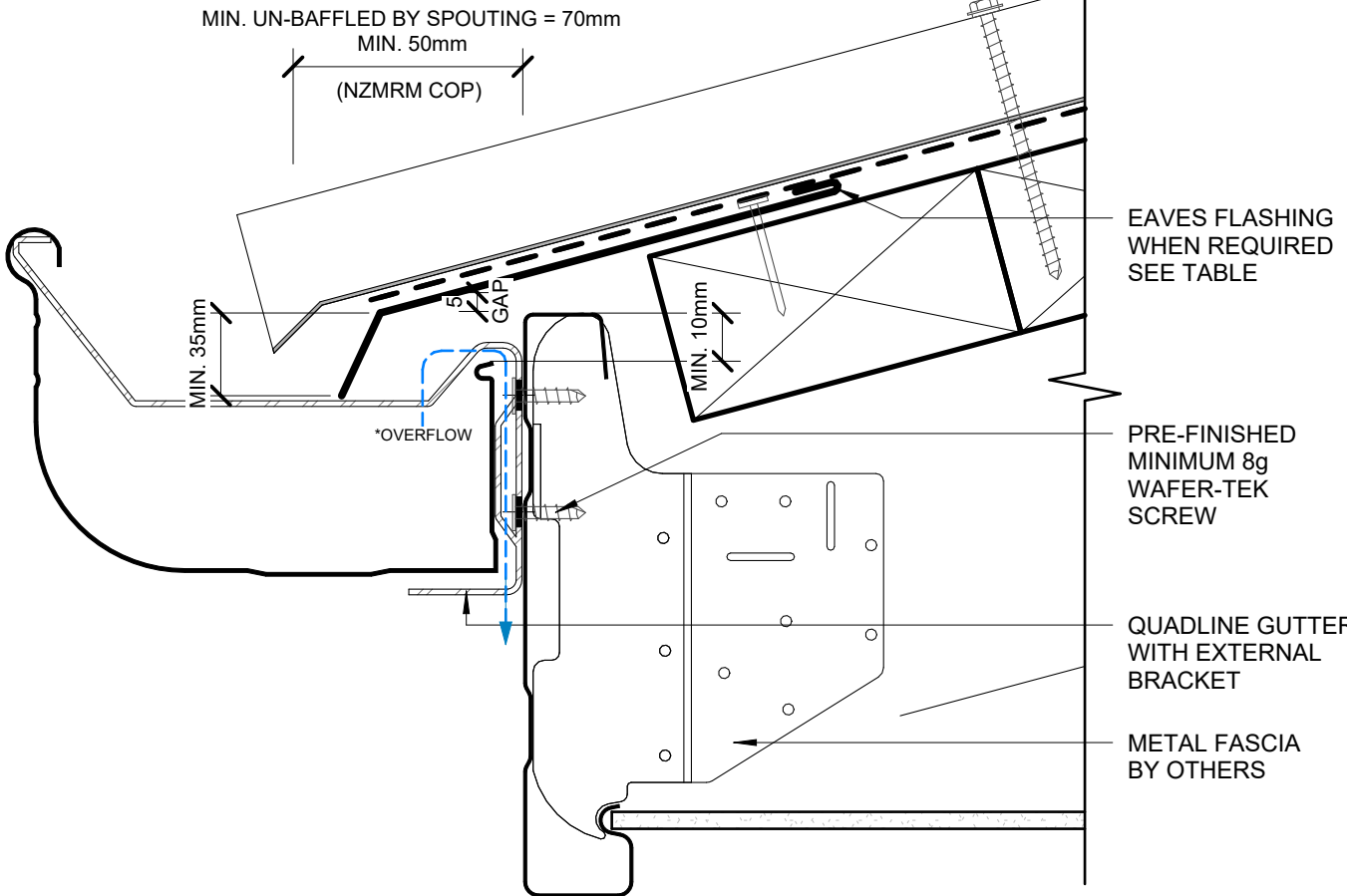
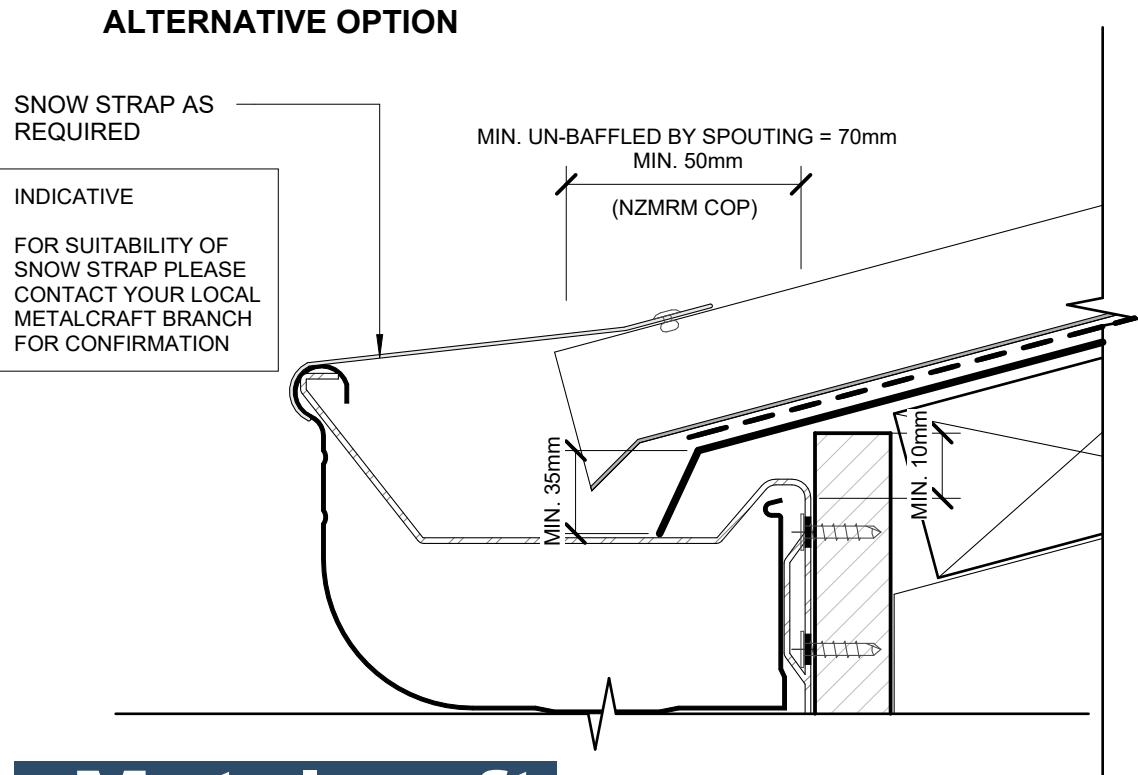
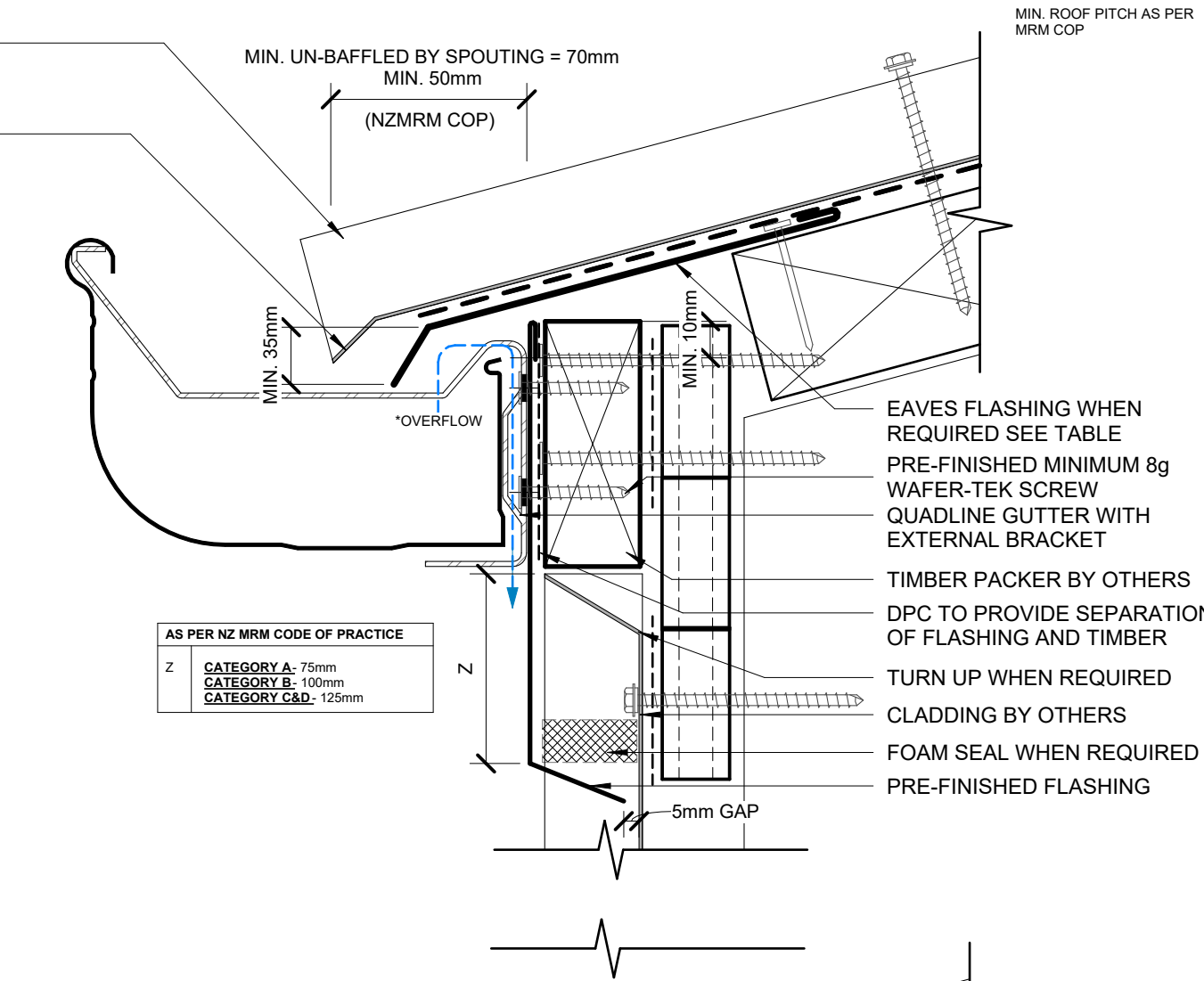
OVERFLOW WITH SOFFIT =

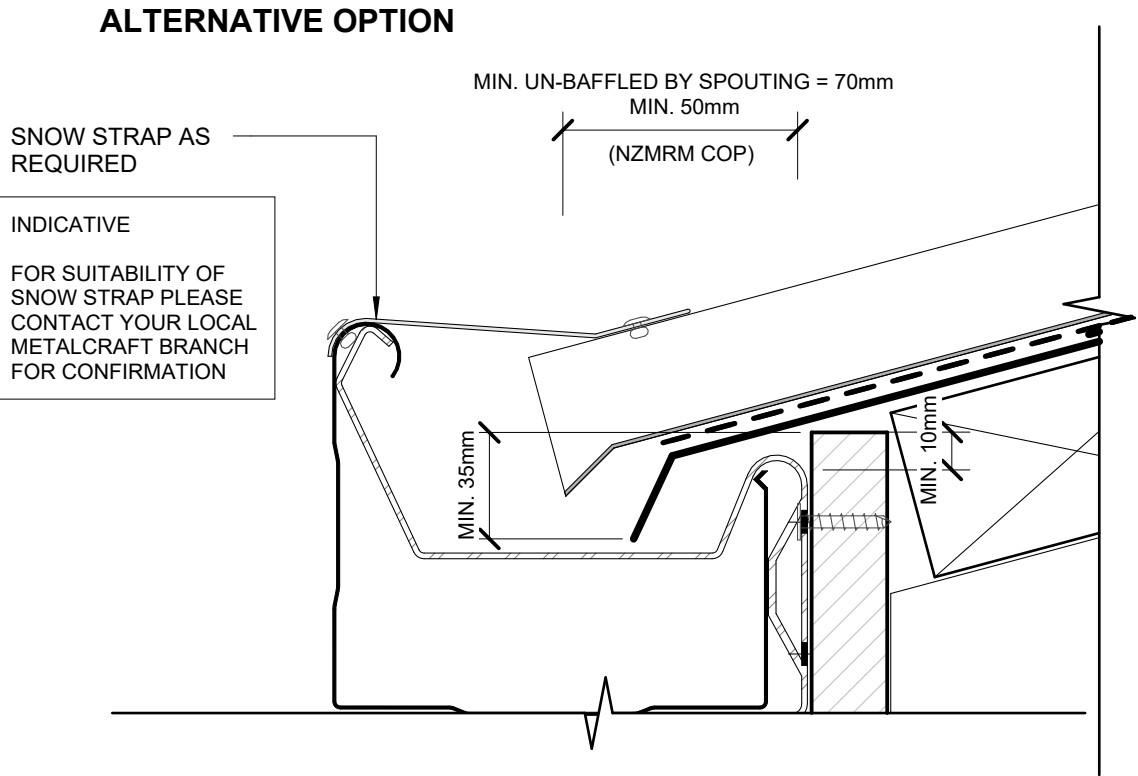
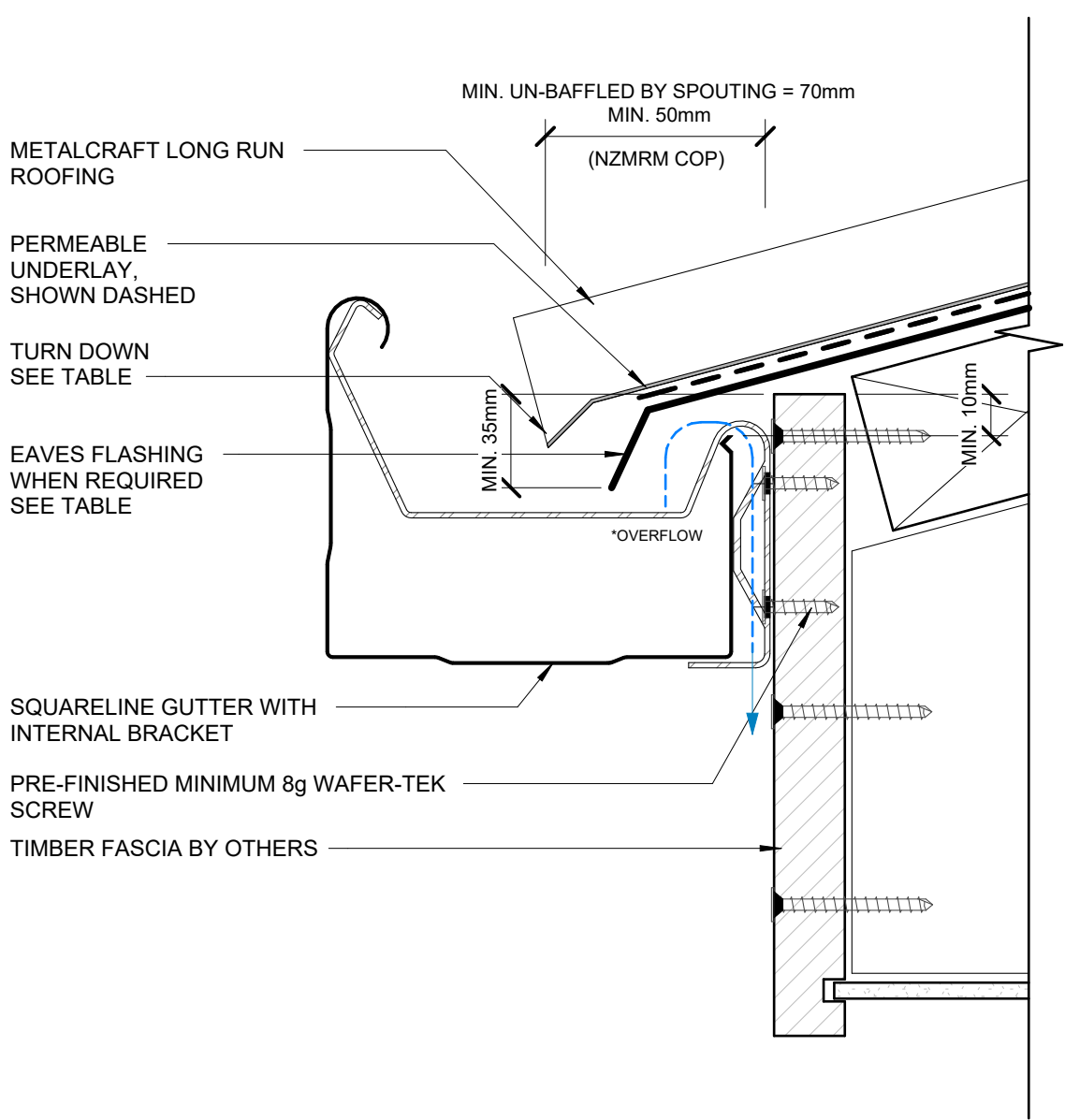
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

OVERFLOW WITH NO SOFFIT OVERHANG =

BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.





AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

ALL ROOF CLADDING WITH A PITCH OF LESS THAN 8° MUST BE PROVIDED WITH TURN-DOWNS AFTER THE ROOF IS FIXED, USING SPECIAL TOOLS TO ENSURE WATER FLOWS DIRECTLY INTO THE GUTTER.

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AS PER E2/AS1

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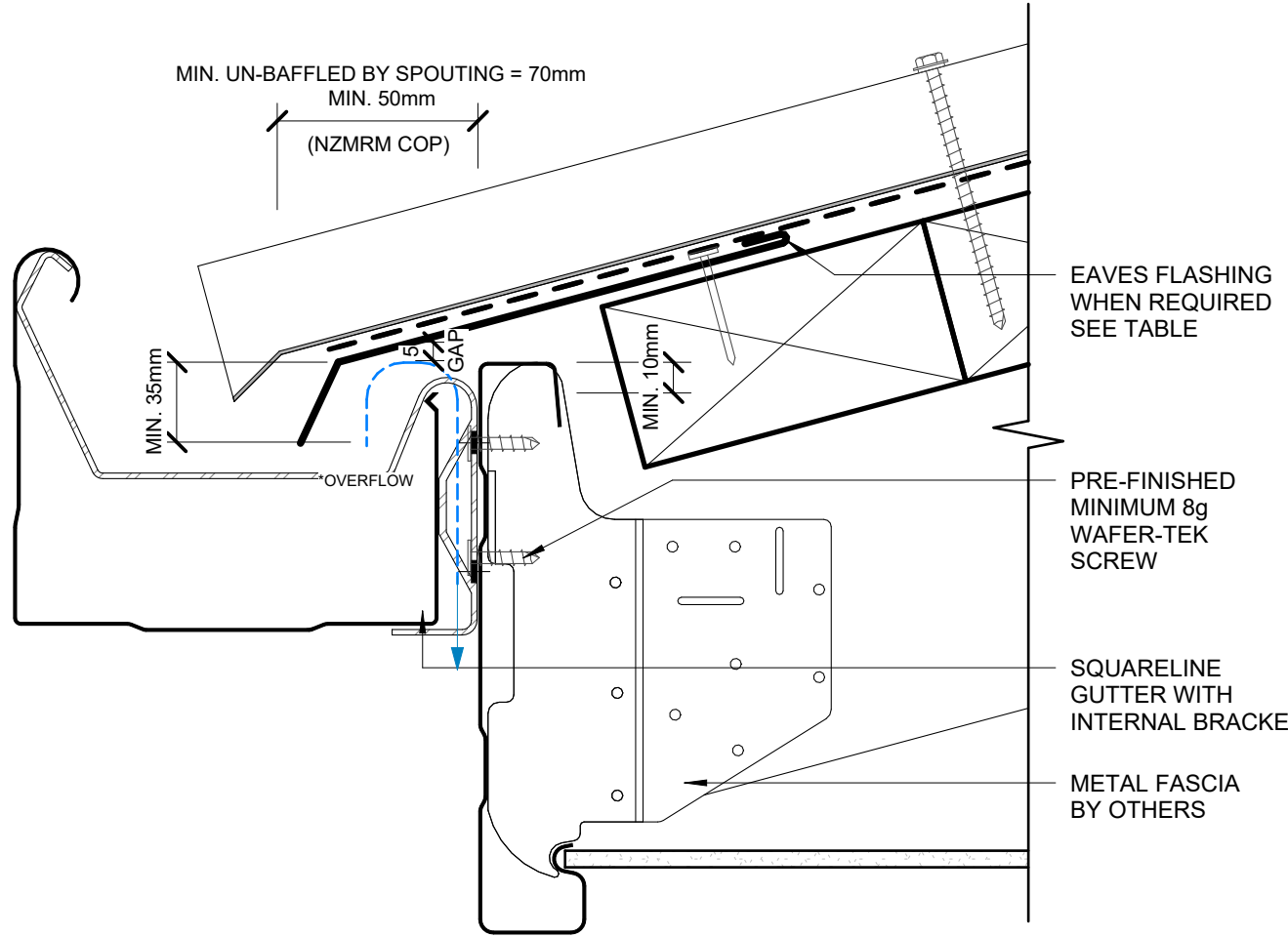
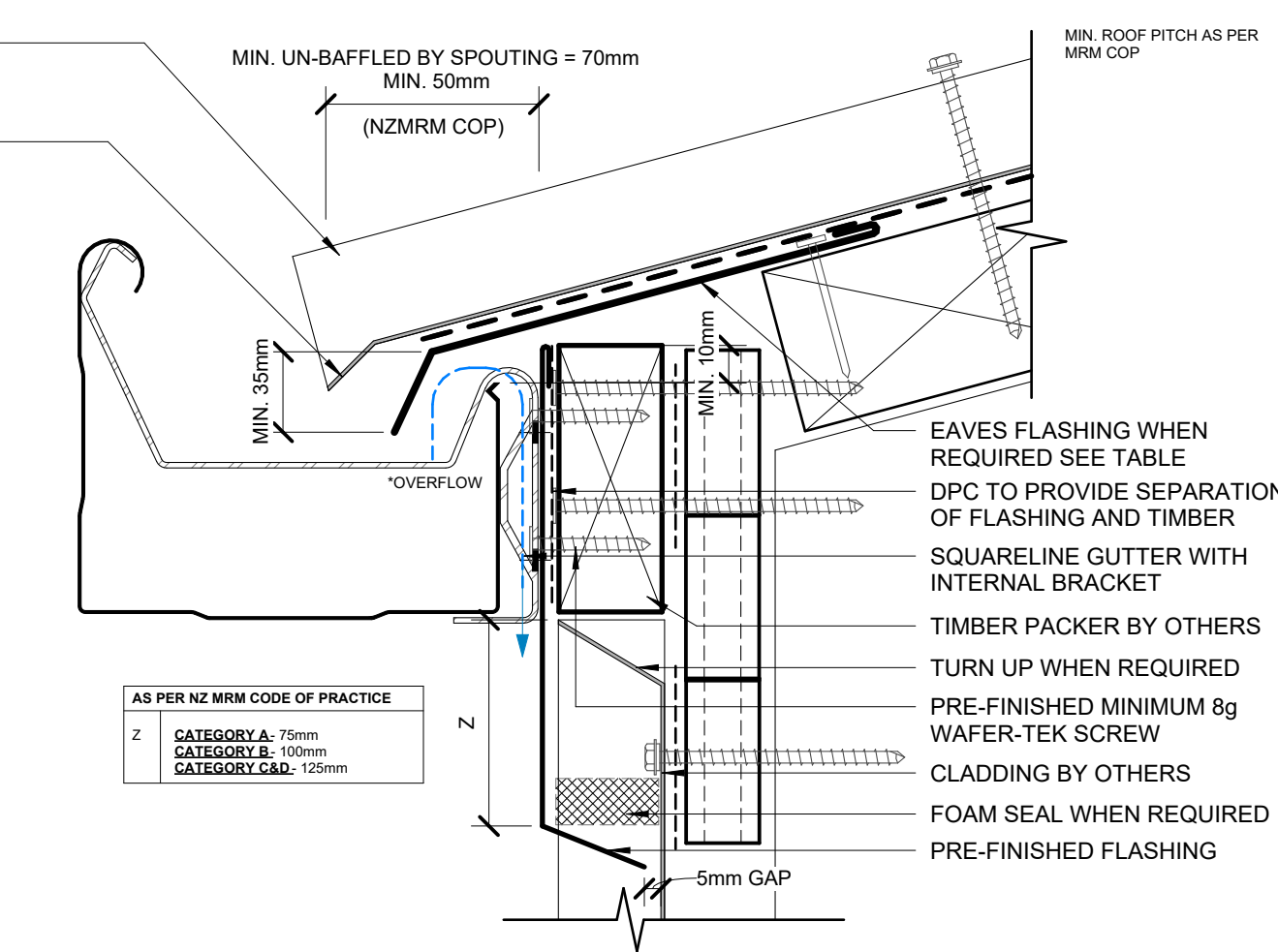
OVERFLOW WITH SOFFIT =

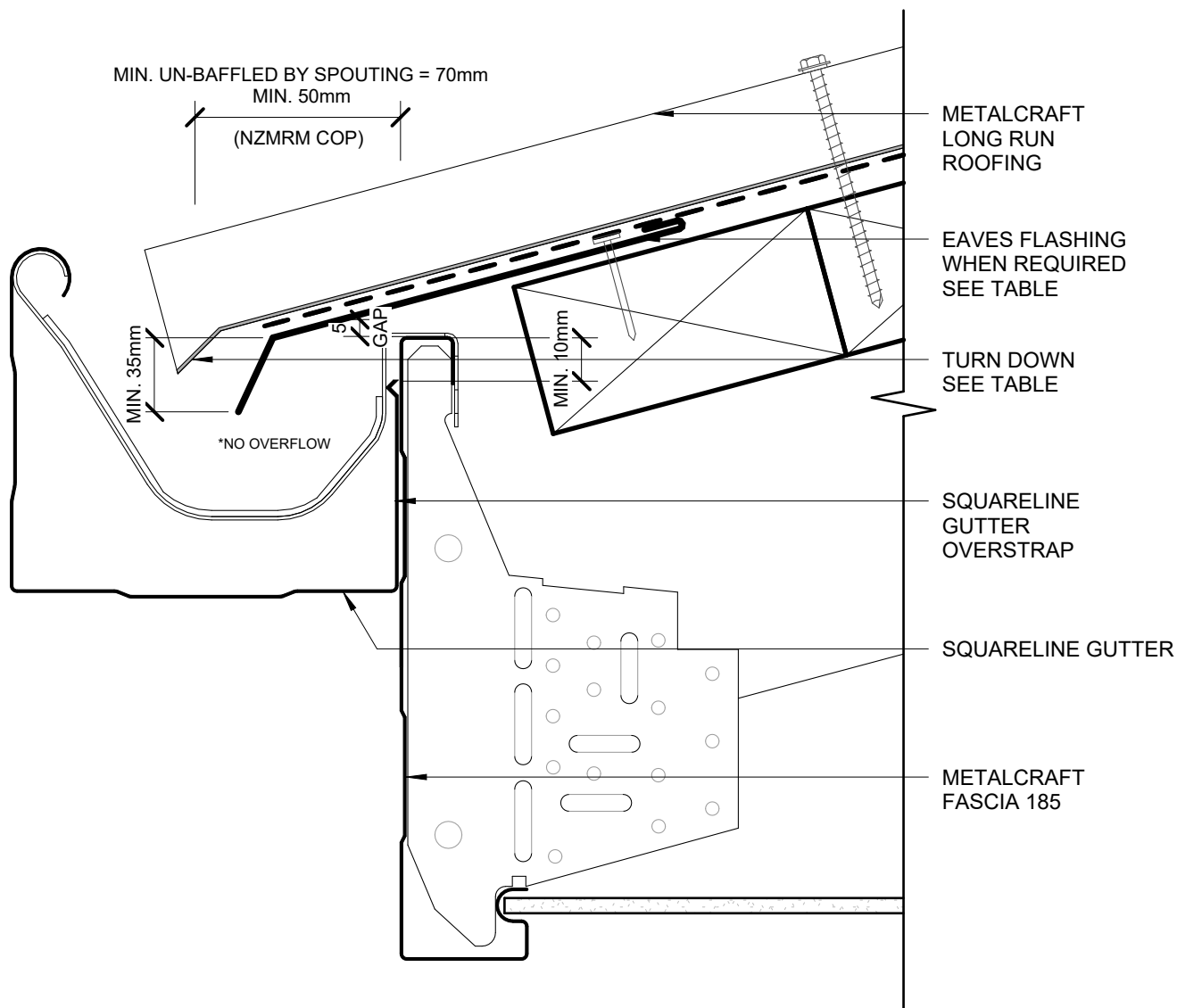
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OVERFLOW WITH NO SOFFIT OVERHANG =

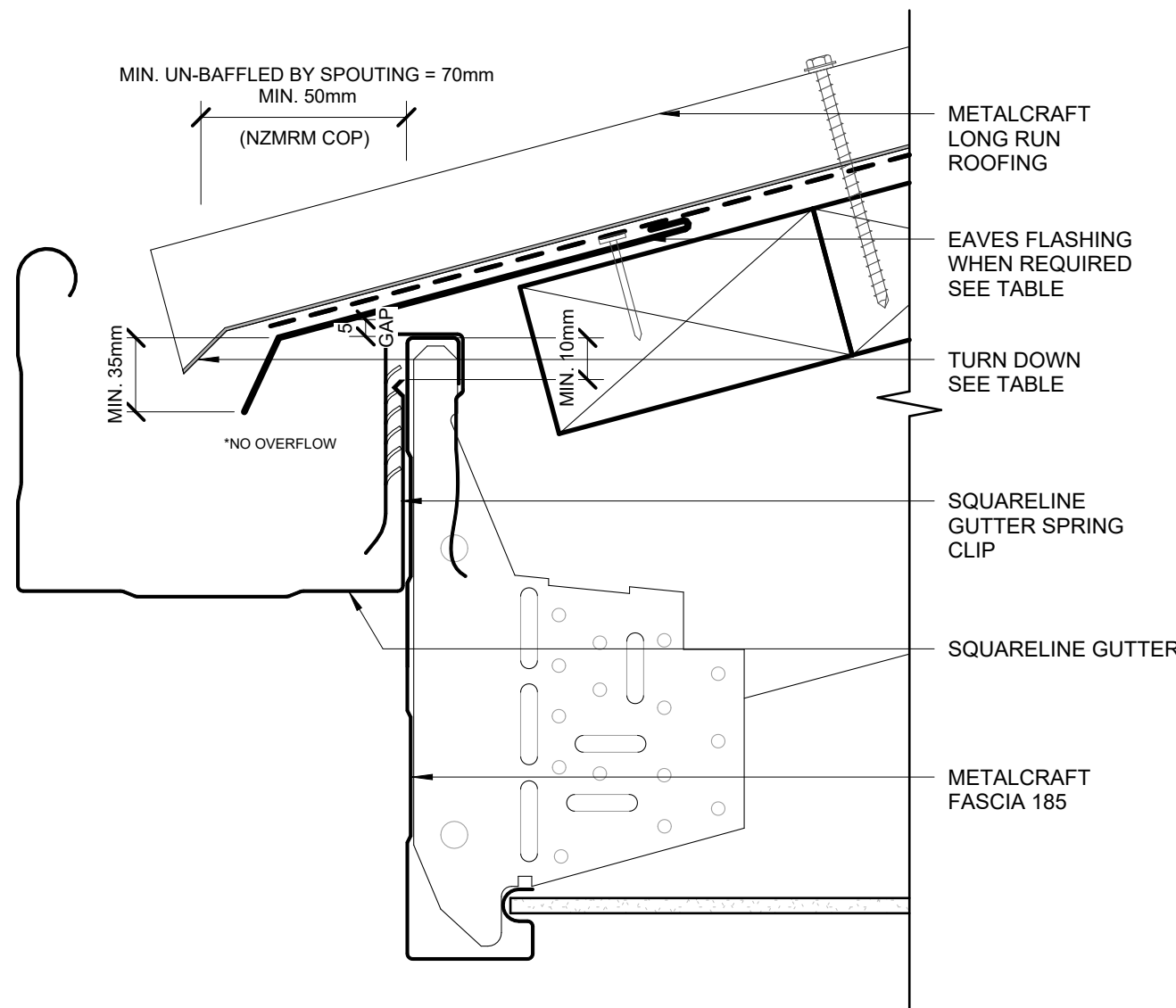
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.



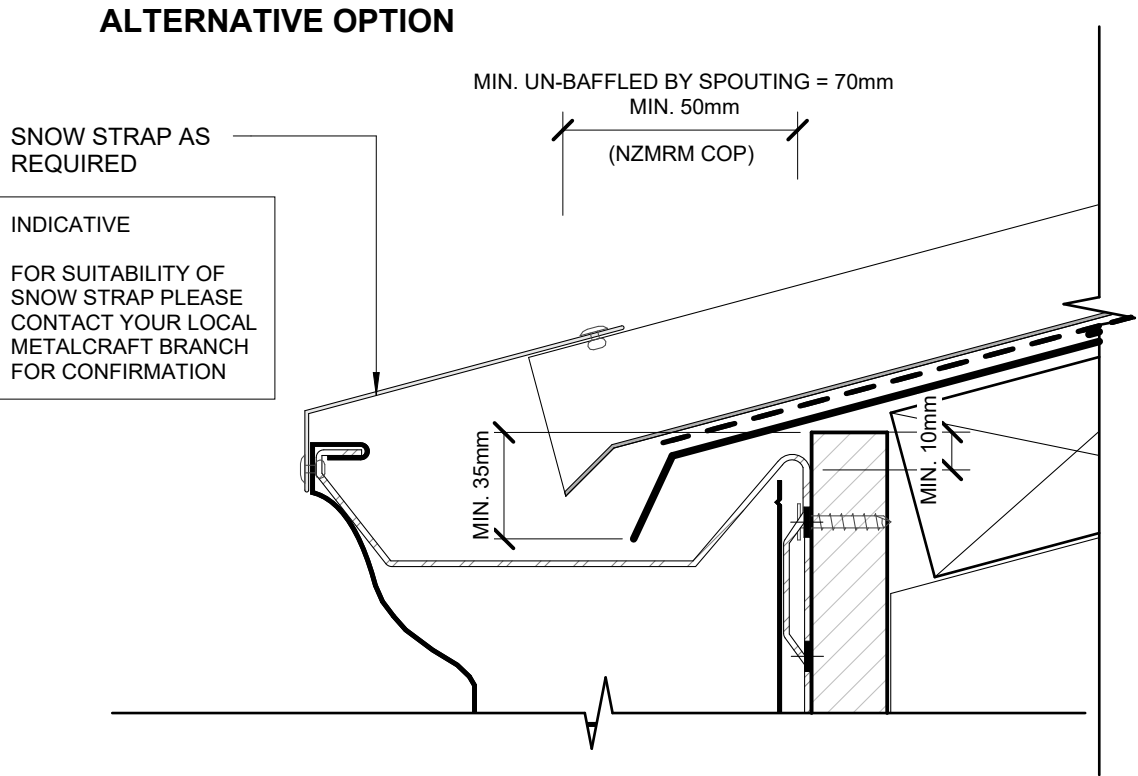
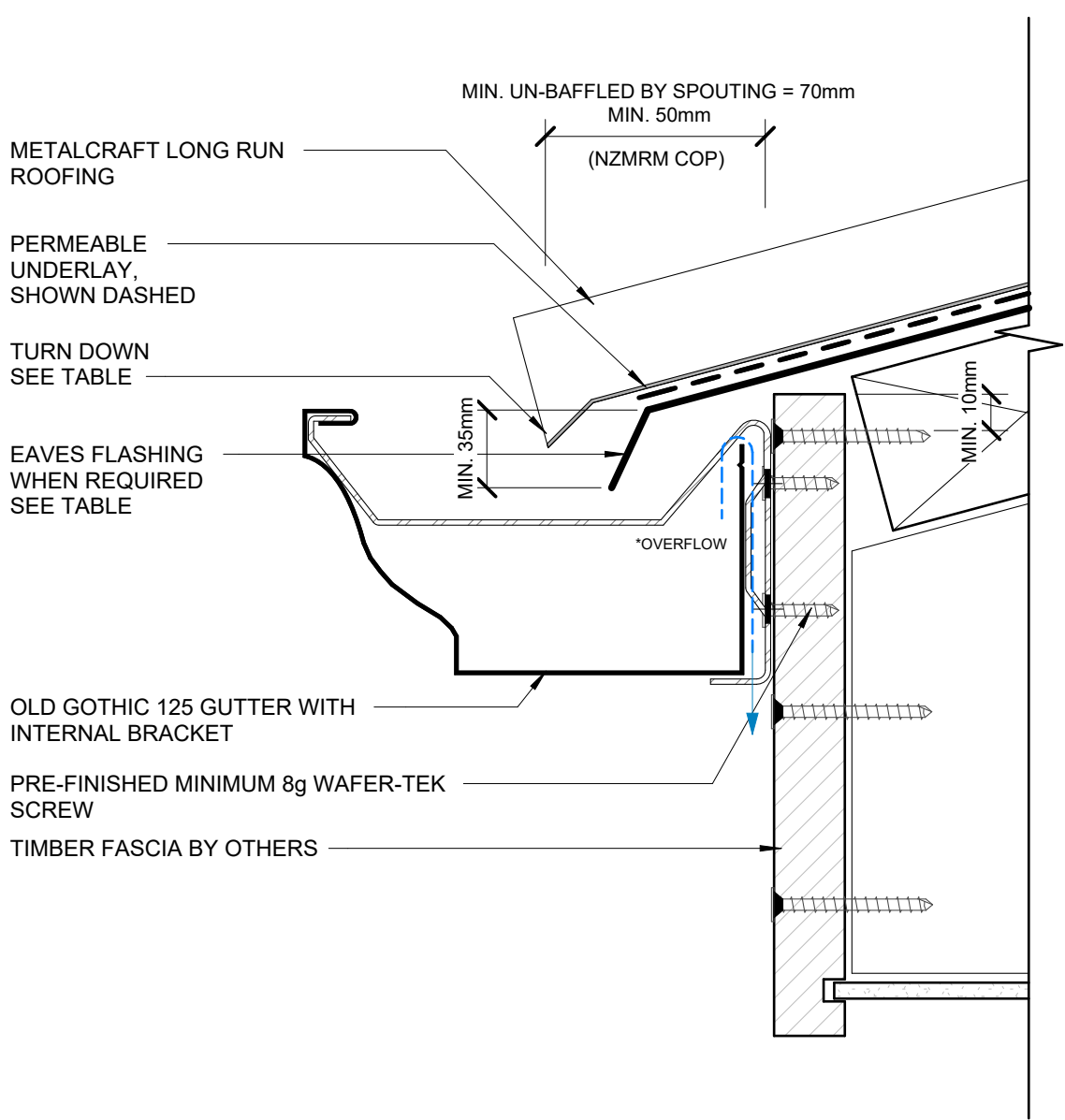


OVERSTRAP CROSS SECTION



SPRING CLIP CROSS SECTION

AS PER NZ MRM CODE OF PRACTICE
TURN DOWN AND EAVES FLASHING
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PROFILES THAT PREVENT TURN DOWN IN THE PAN (SUCH AS DEEP CORRUGATED) AND ARE FIXED AT PITCHES OF LESS THAN 8°, AN EAVES FLASHING IS REQUIRED.
AS PER E2/AS1
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THE TURN-DOWN SHALL BE 30° FROM THE PLANE OF THE SHEET.
EAVE FLASHING ARE REQUIRED WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:
• ROOF SLOPE LESS THAN OR EQUAL TO 10° • SOFFIT WIDTH LESS THAN OR EQUAL TO 100mm • WIND ZONES ARE VERY HIGH OR EXTRA HIGH
NO OVERFLOW WITH OR WITHOUT SOFFIT
SQUARELINE GUTTER WHEN INSTALLED WITH A SPRING CLIP TO BE DESIGNED AS AN INTERNAL GUTTER IN ACCORDANCE WITH SECTION 5.3.2.3B OF NZMRM COP.



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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