Metalcraft Gutters Install

GUTTER DETAILS

DETAIL LIST		Revision	Date
A 00	COVER SHEET	1.0	JUNE 2024
A 01	BOX GUTTER 115	1.0	JUNE 2024
A 02	BOX GUTTER 125 EXTERNAL BRACKET	1.0	JUNE 2024
A 03	BOX GUTTER 125 INTERNAL BRACKET	1.0	JUNE 2024
A 04	BOX GUTTER 175 EXTERNAL BRACKET	1.0	JUNE 2024
A 05	BOX GUTTER 175 INTERNAL BRACKET	1.0	JUNE 2024
A 06 A	BOX GUTTER 300 01	1.0	JUNE 2024
A 06 B	BOX GUTTER 300 02	1.0	JUNE 2024
A 07	HALF ROUND GUTTER EXTERNAL BRACKET	1.0	JUNE 2024
A 08	HALF ROUND GUTTER SHORTBACK BRACKET	1.0	JUNE 2024
A 09	COLONIAL QUAD GUTTER	1.0	JUNE 2024
A 10	125 QUARTER ROUND GUTTER	1.0	JUNE 2024
A 11	150 QUARTER ROUND GUTTER	1.0	JUNE 2024
A 12	QUADLINE GUTTER	1.0	JUNE 2024
A 13	SQUARELINE	1.0	JUNE 2024
A 14	OLD GOTHIC 125	1.0	JUNE 2024

GAI

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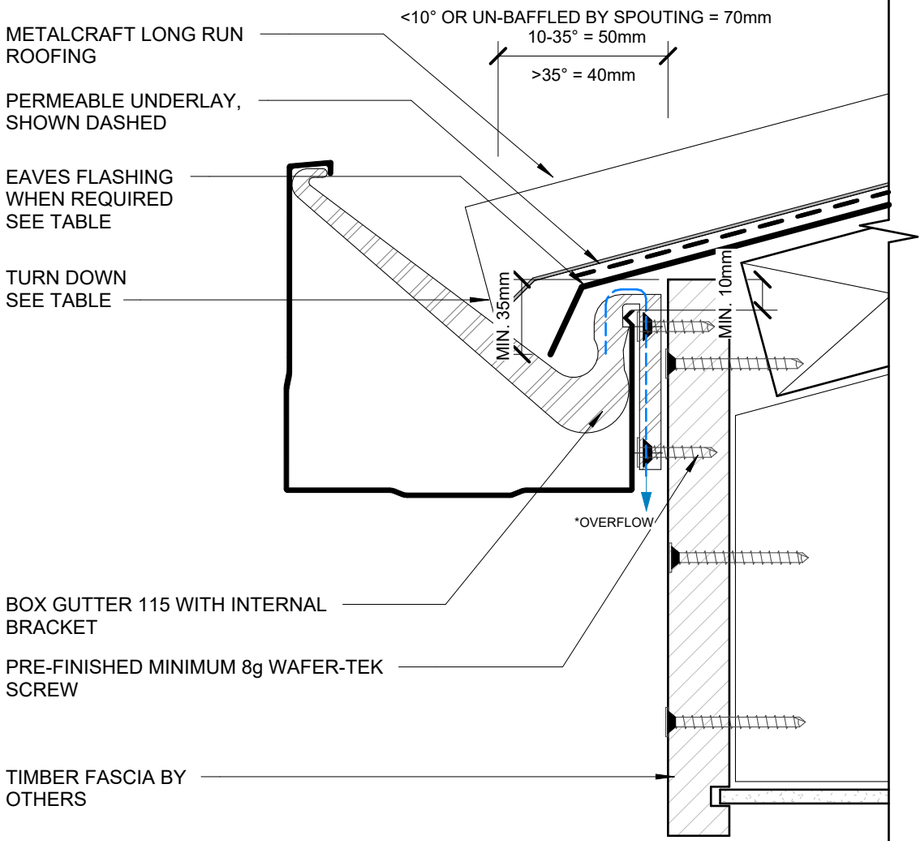
MIN. ROOF PITCH AS PER MRM COP



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.

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

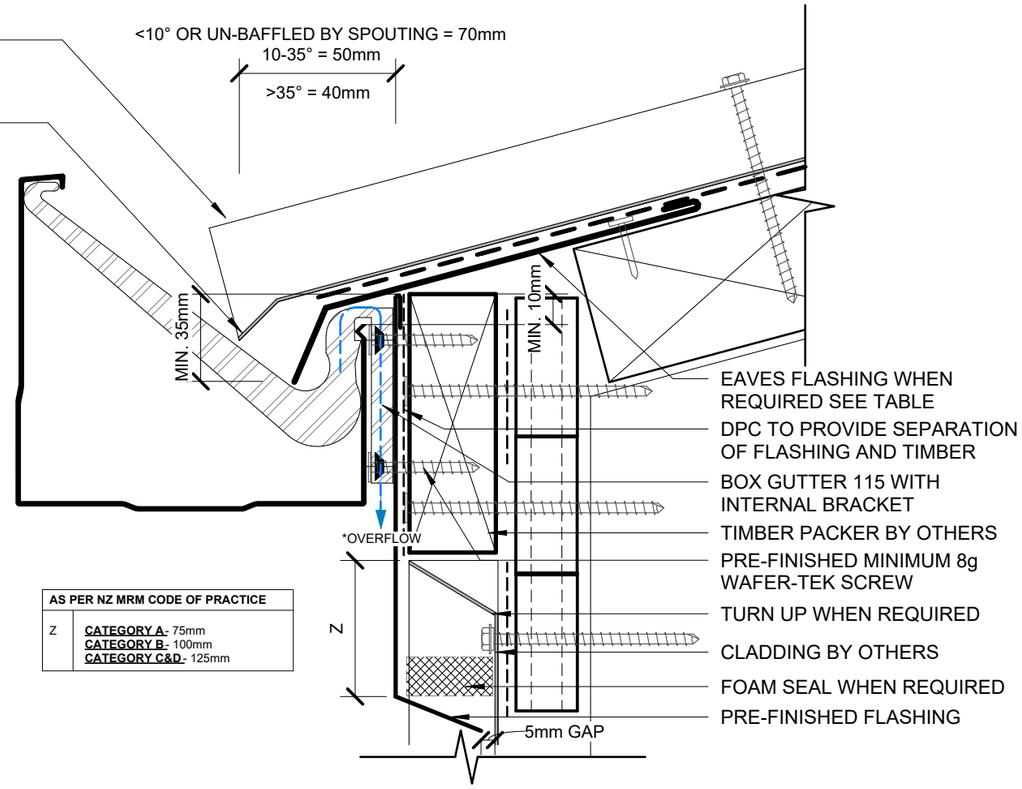
OVERFLOW WITH SOFFIT =

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 =

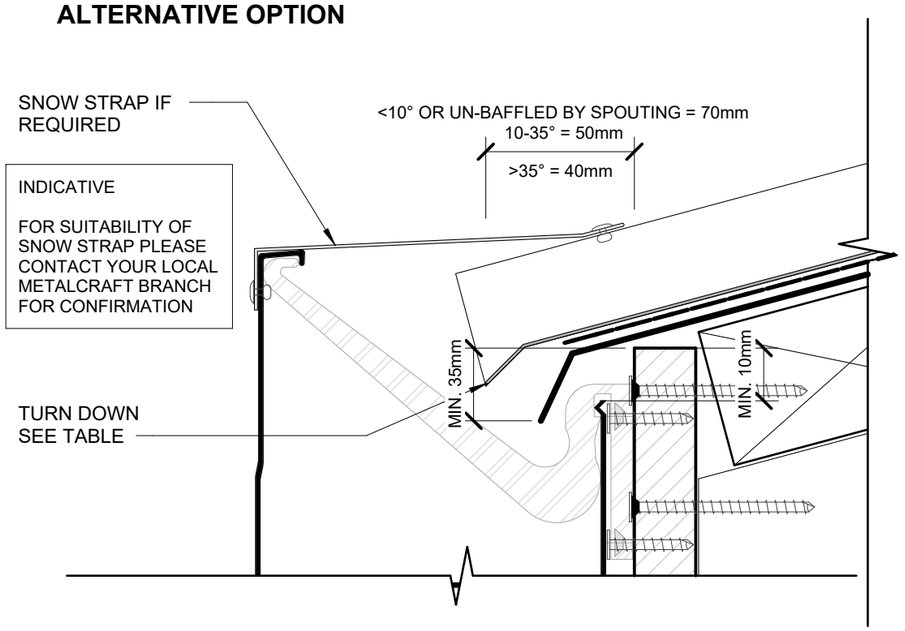
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

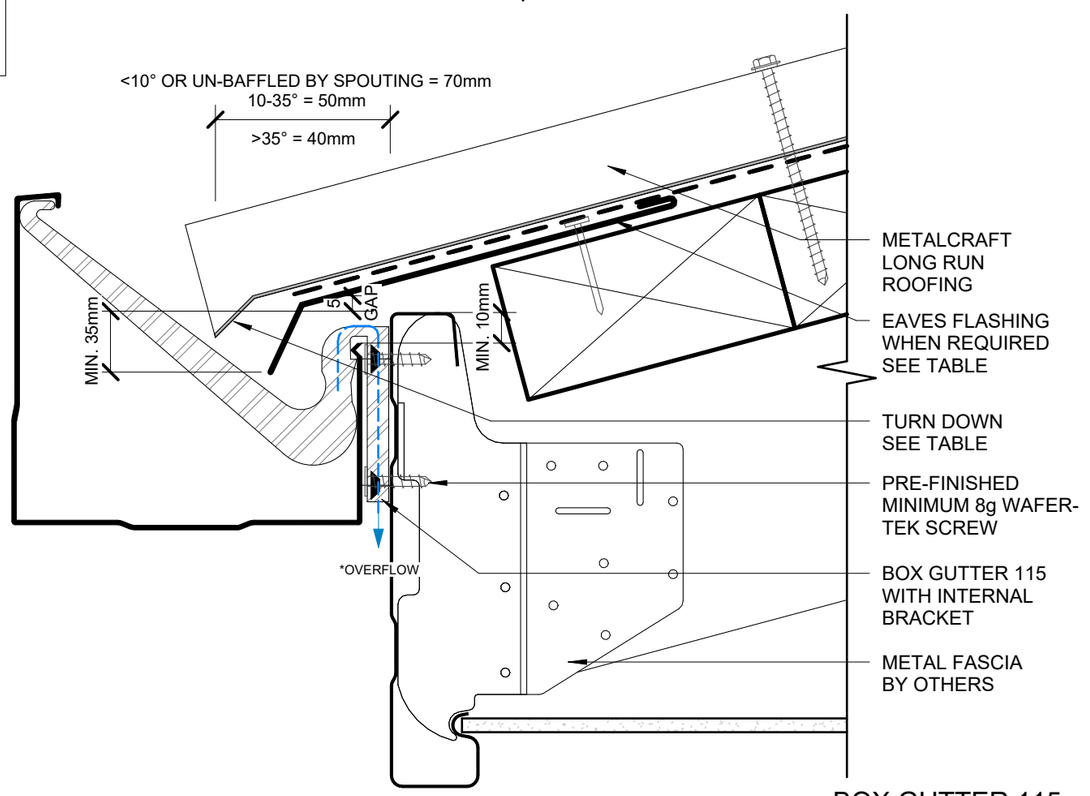
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.



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

ALTERNATIVE OPTION





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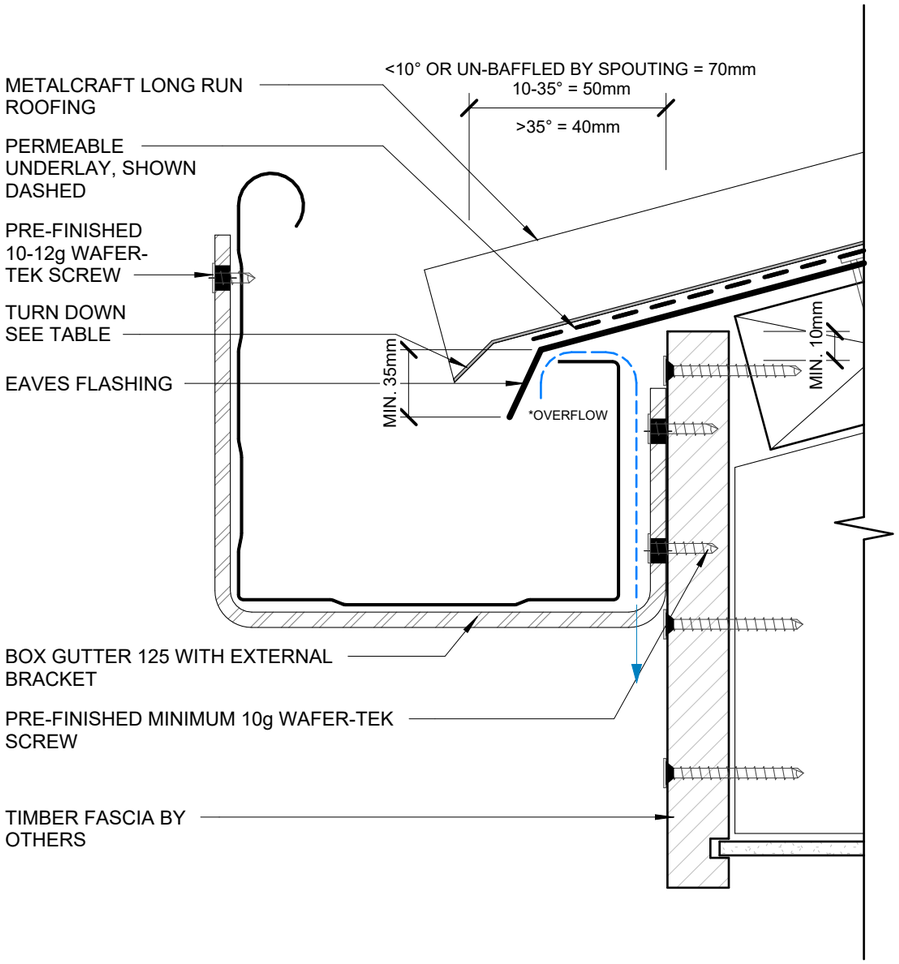
BOX GUTTER 115

Metalcraft Gutters Install | Rev. 1.0 | **GUTTER DETAILS**

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 01**



AS PER NZ MRM CODE OF PRACTICE

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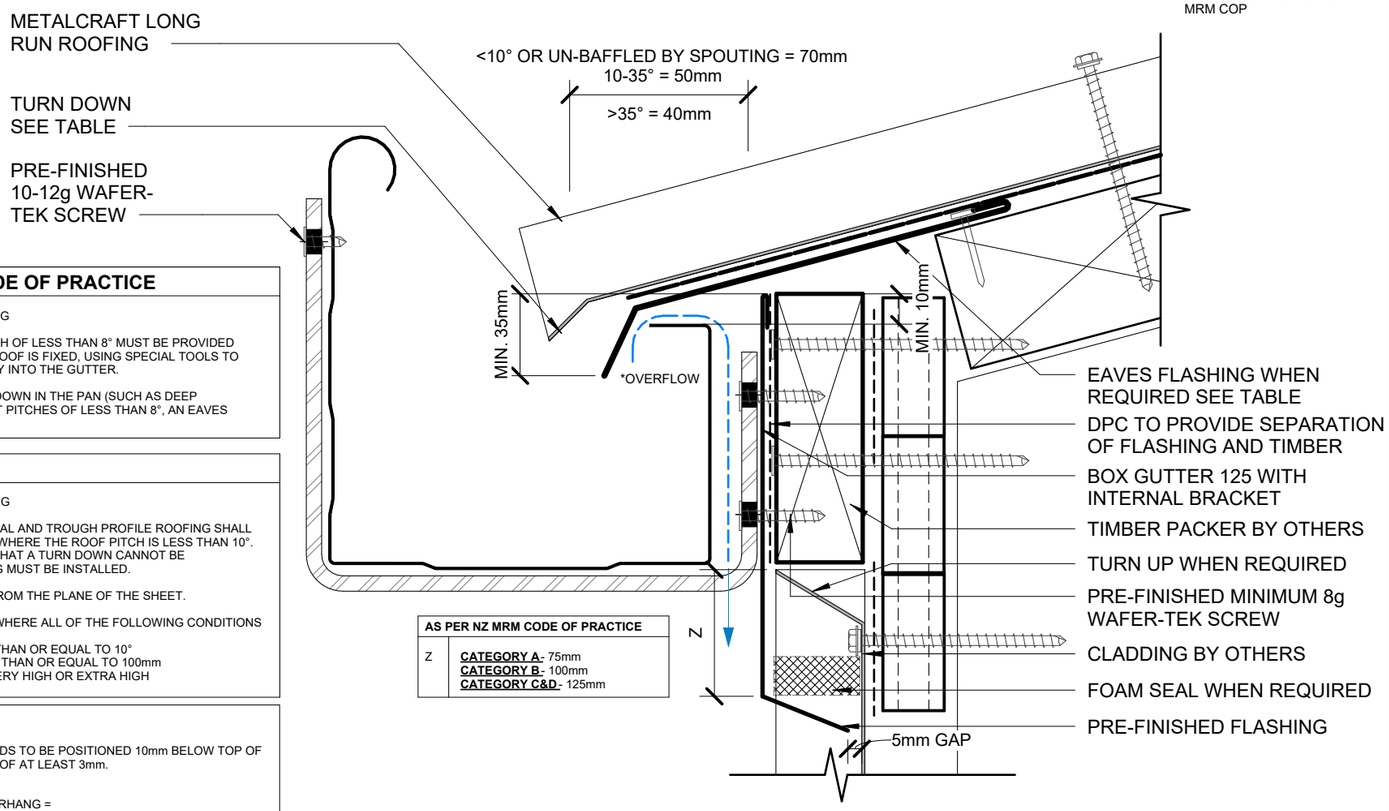
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

MIN. ROOF PITCH AS PER MRM COP



AS PER NZ MRM CODE OF PRACTICE	
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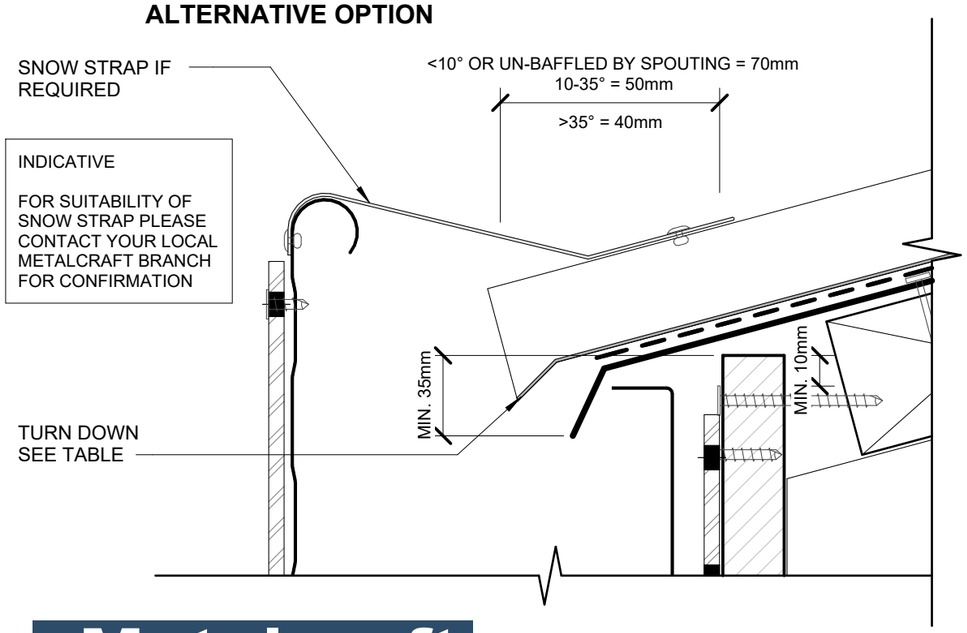
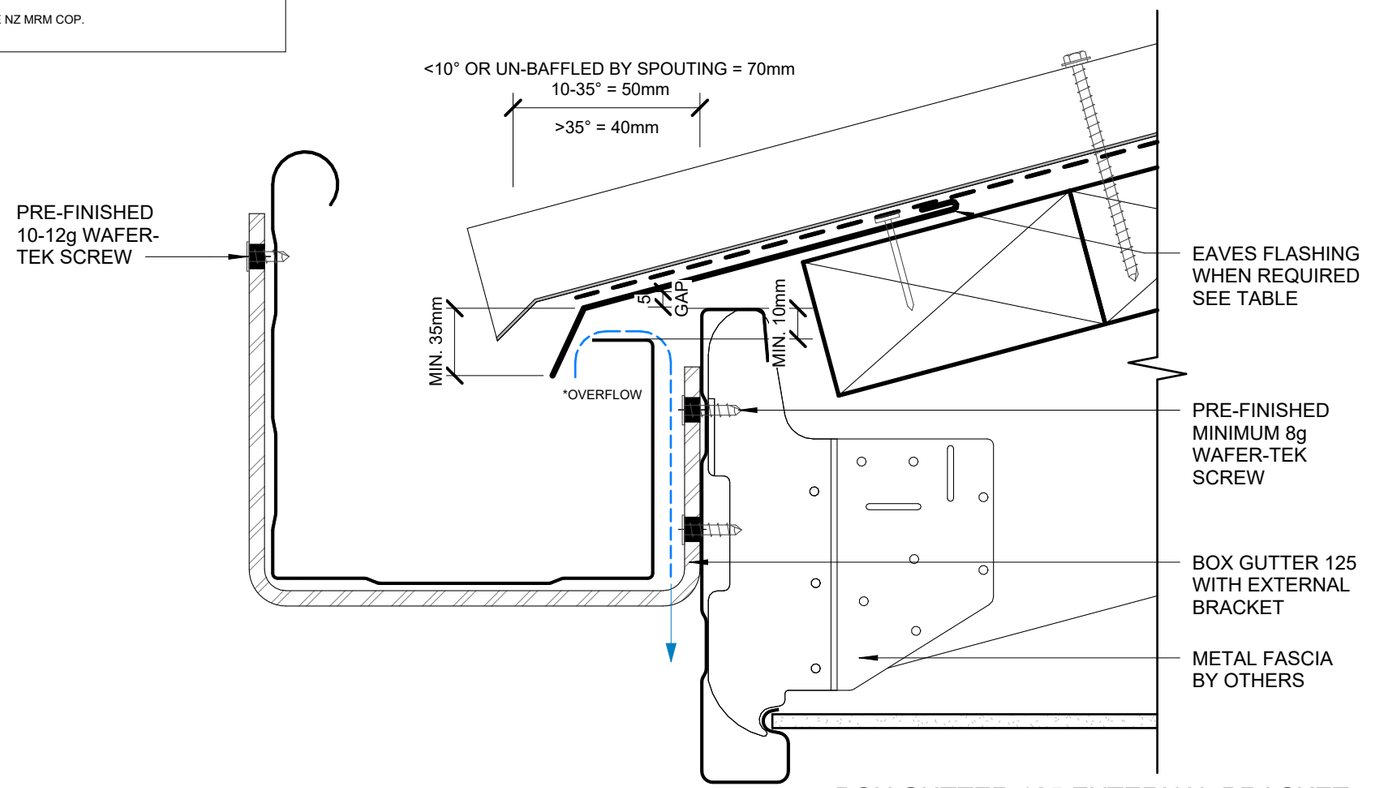
ALTERNATIVE OPTION





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BOX GUTTER 125 EXTERNAL BRACKET

Metalcraft Gutters Install

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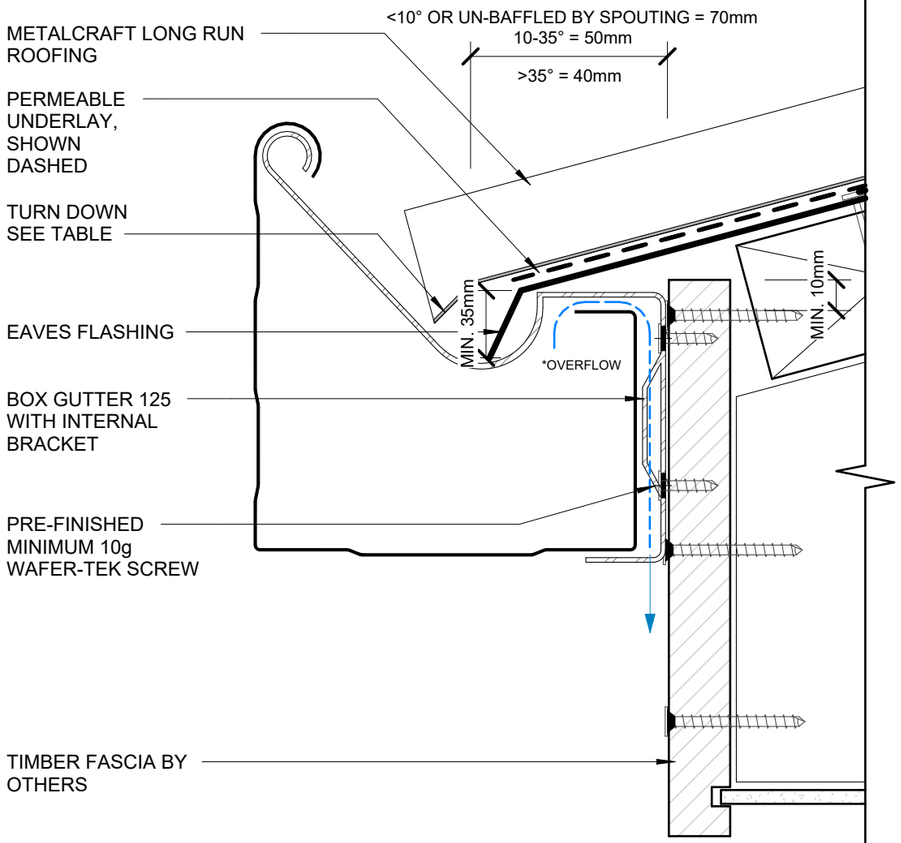
RESIDENTIAL ROOFING

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 02**



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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AS PER E2/AS1

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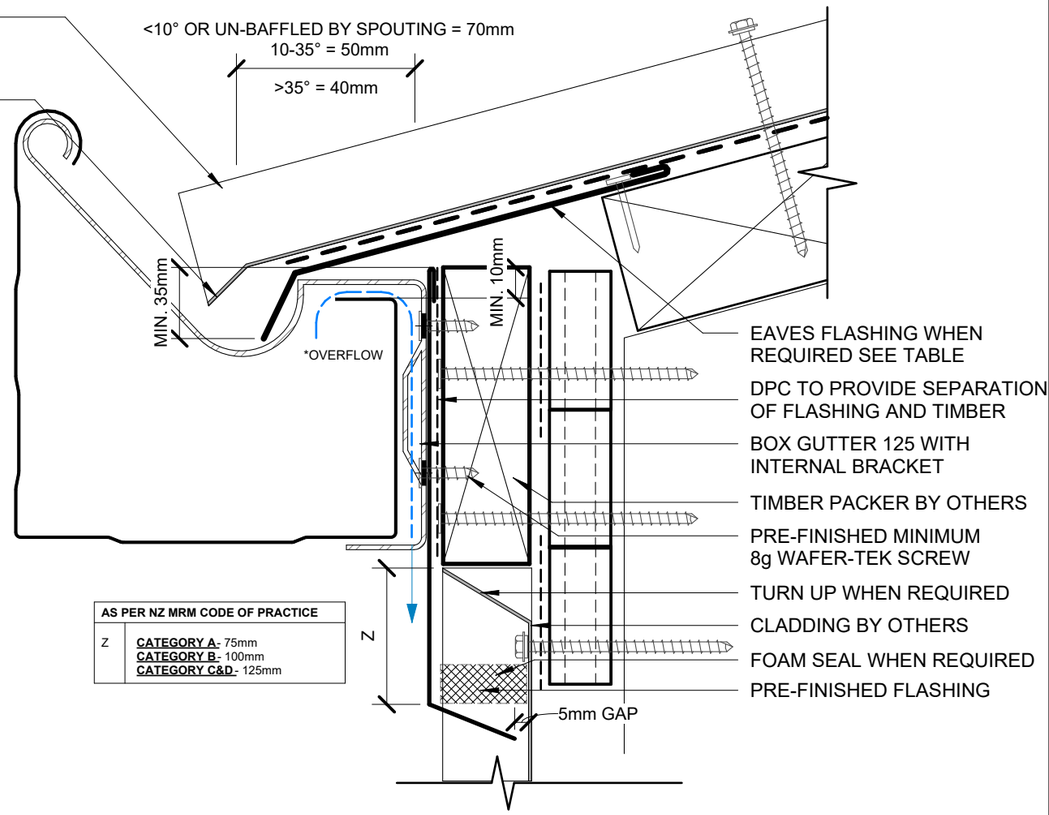
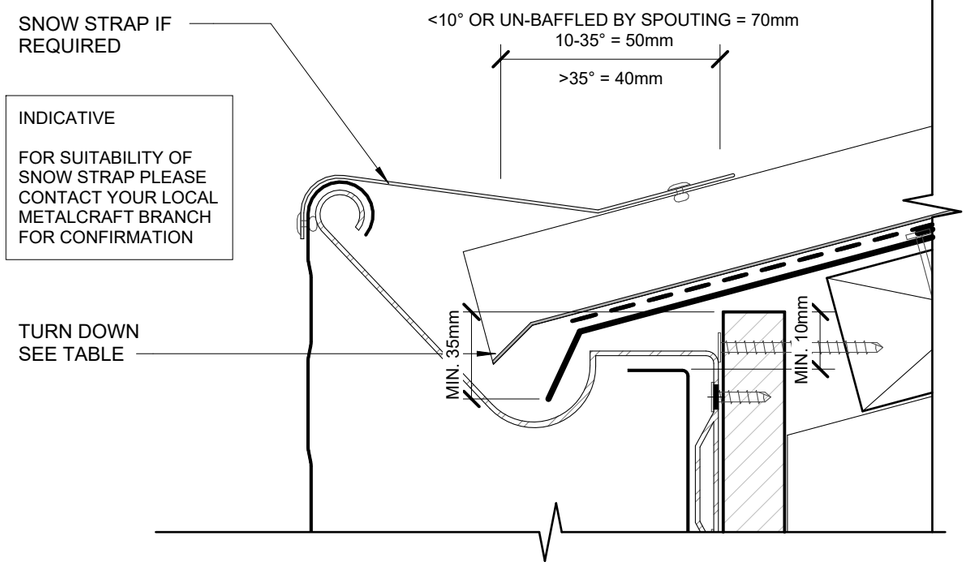
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

MIN. ROOF PITCH AS PER MRM COP



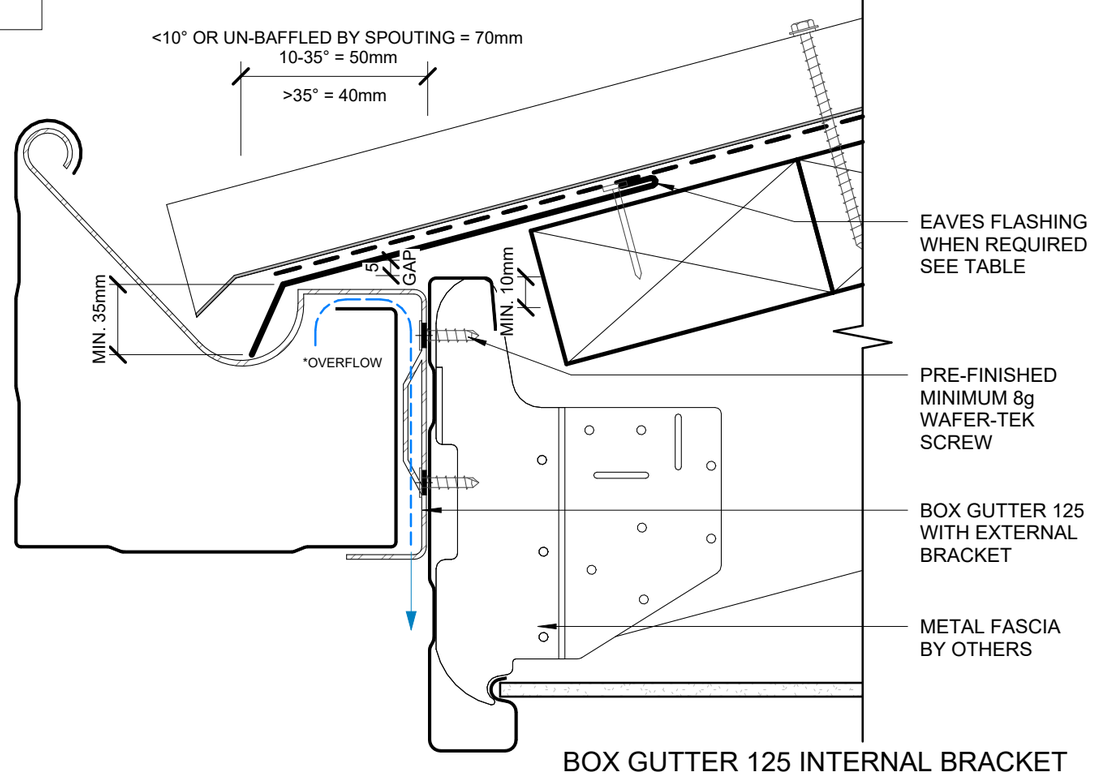
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A**- 75mm **CATEGORY B**- 100mm **CATEGORY C&D**- 125mm

ALTERNATIVE OPTION



INDICATIVE

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



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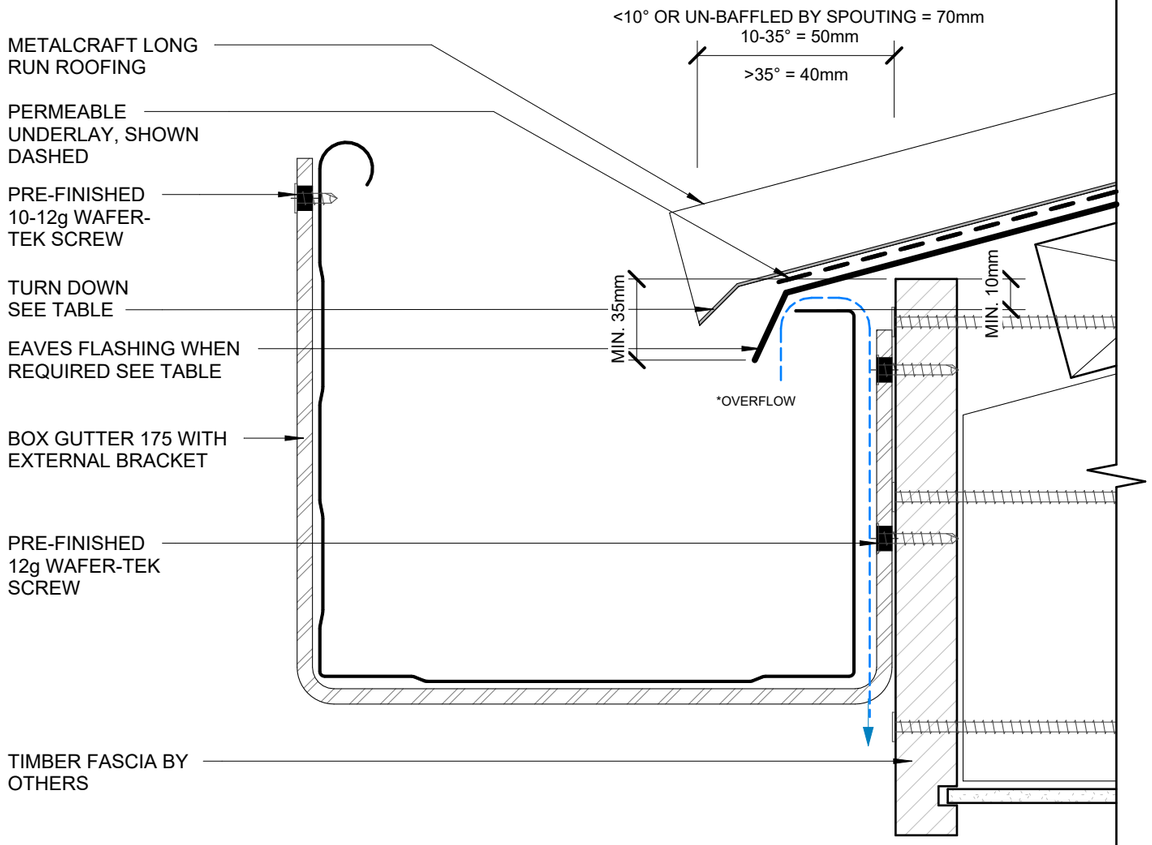
BOX GUTTER 125 INTERNAL BRACKET

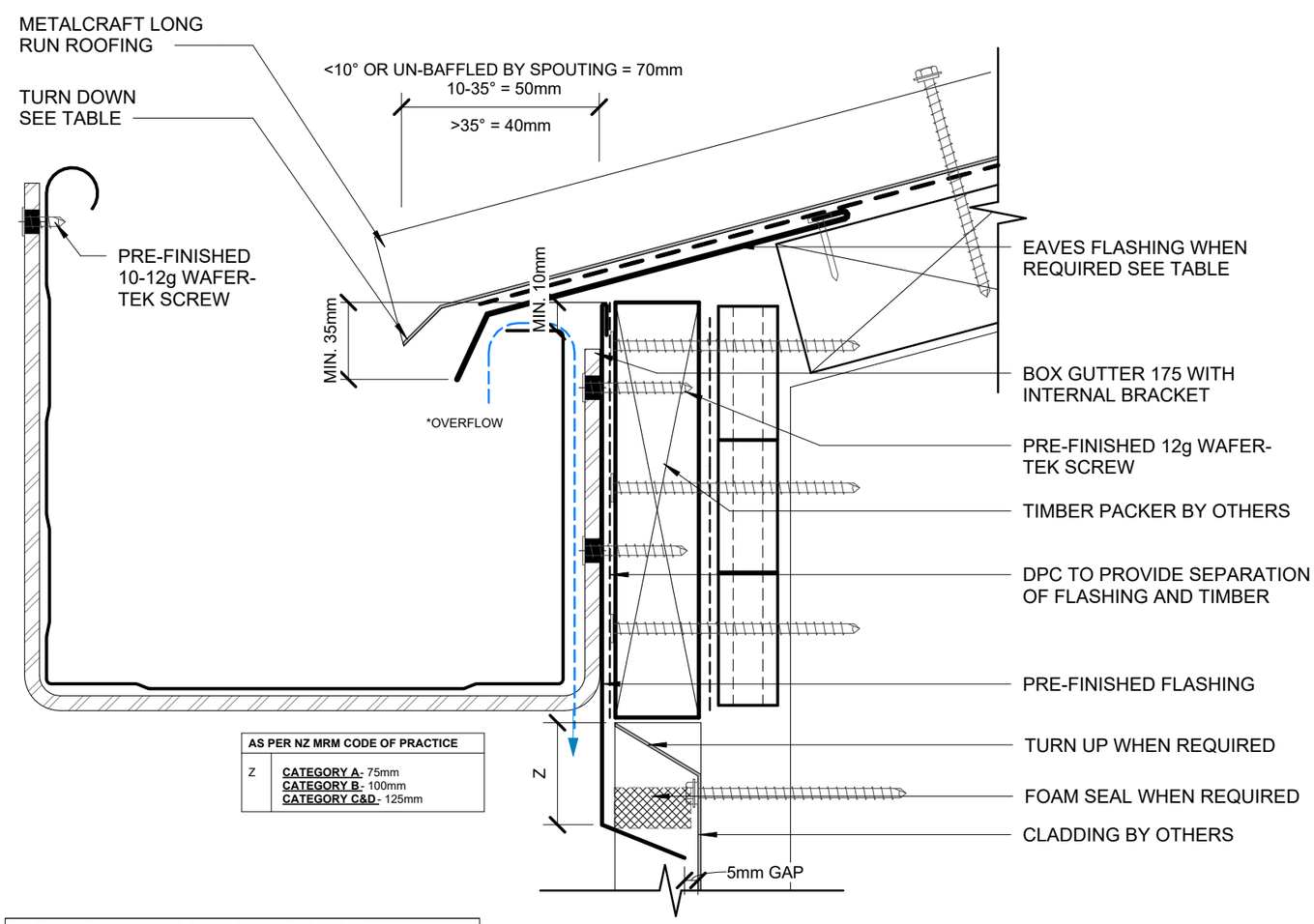
Metalcraft Gutters Install

Rev. 1.0

GUTTER DETAILS

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 03**

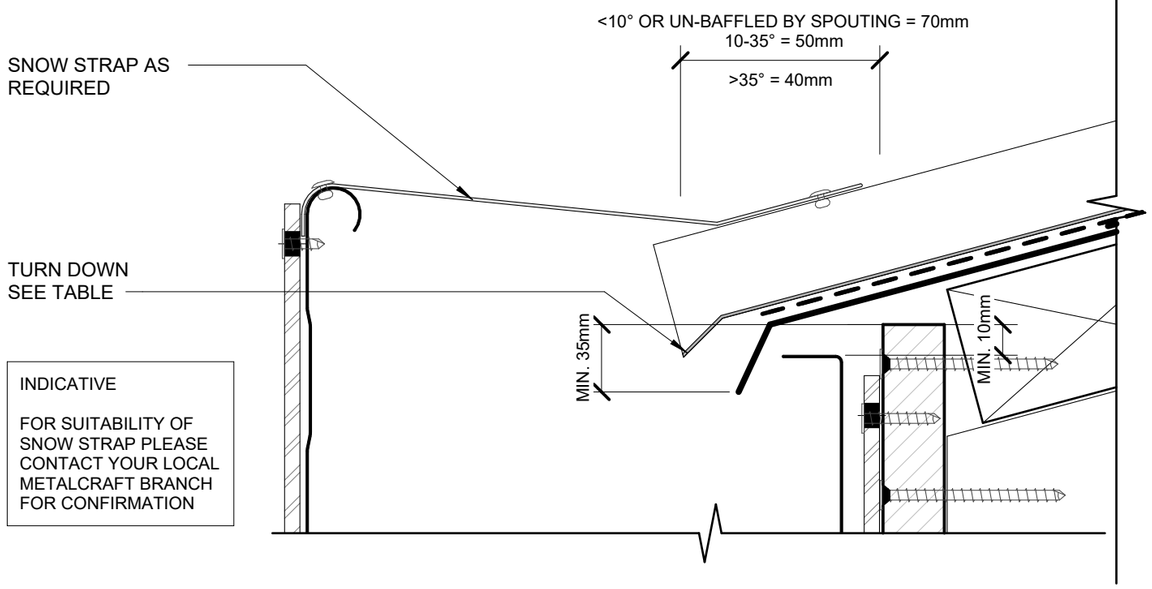




MIN. ROOF PITCH AS PER MRM COP

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

ALTERNATIVE OPTION



INDICATIVE

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

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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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.

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BOX GUTTER 175 EXTERNAL BRACKET

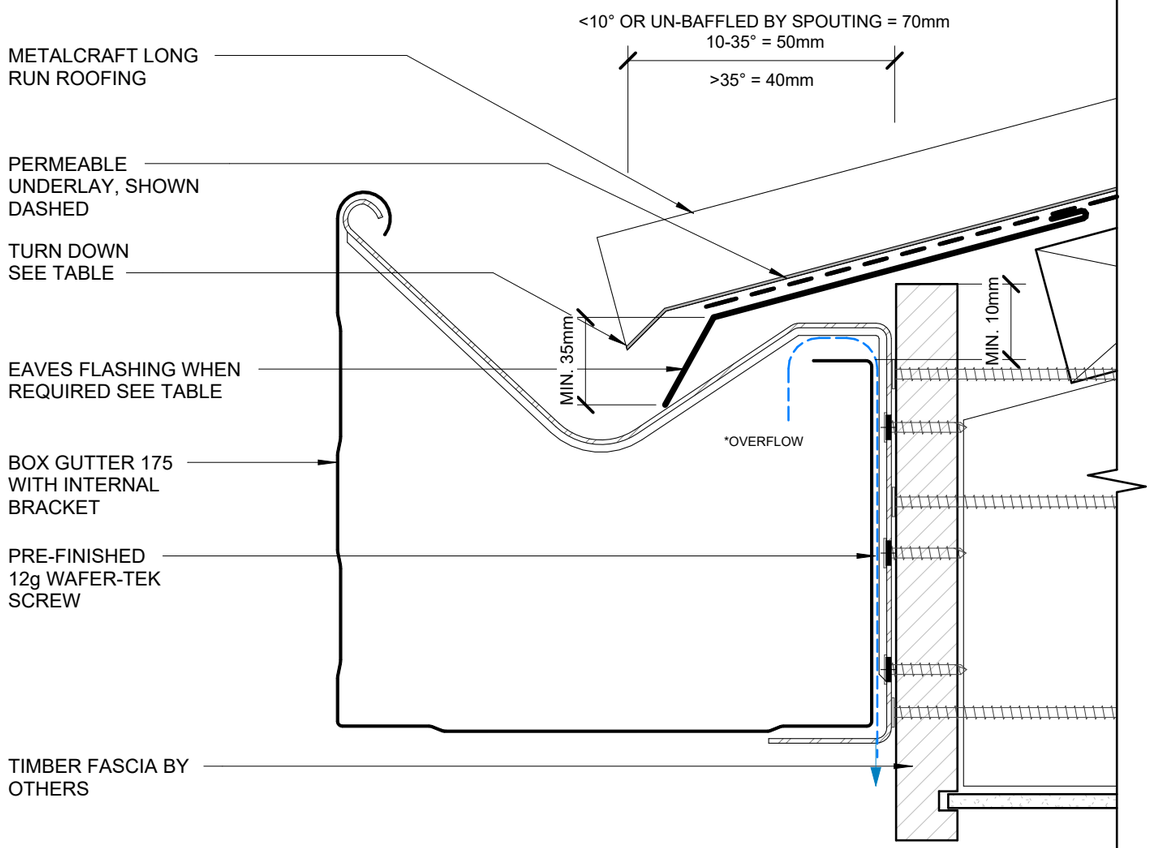
Metalcraft Gutters Install

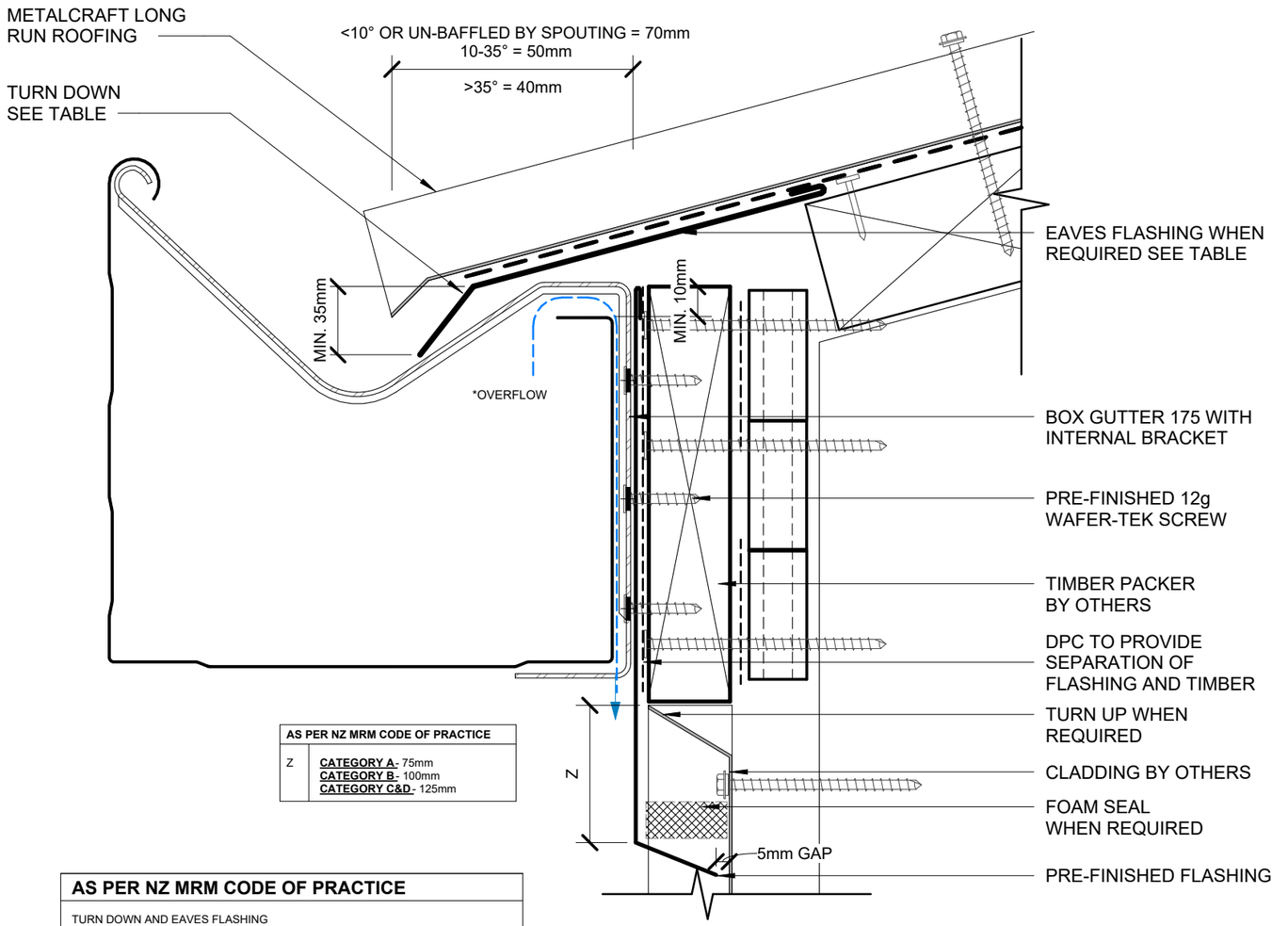
Rev. 1.0

GUTTER DETAILS

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 04**

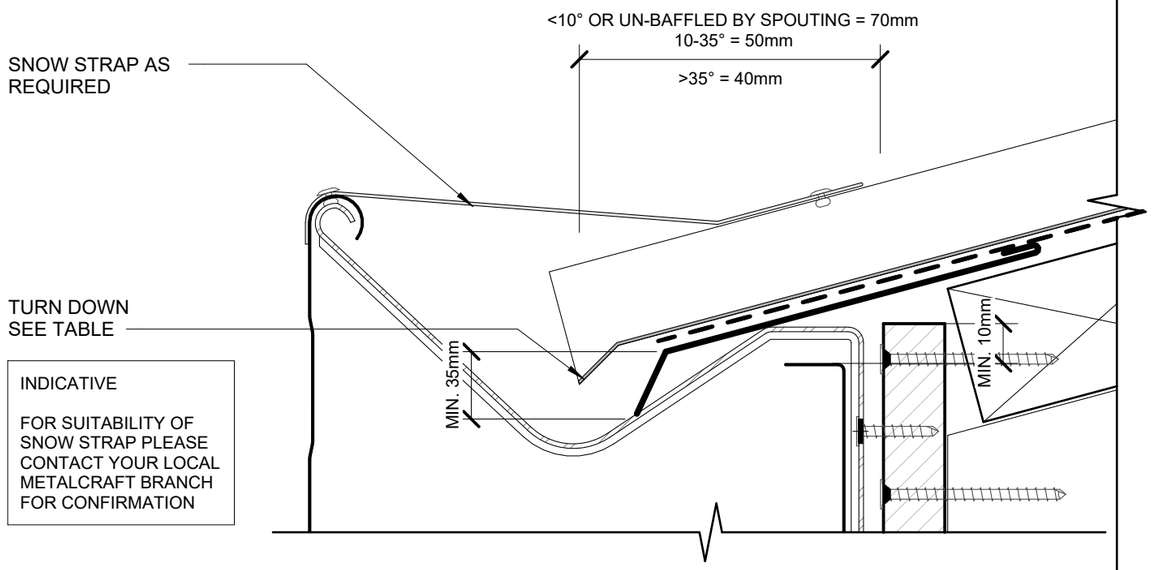
MIN. ROOF PITCH AS PER MRM COP





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

ALTERNATIVE OPTION



INDICATIVE

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

AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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AS PER E2/AS1

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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.

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BOX GUTTER 175 INTERNAL BRACKET

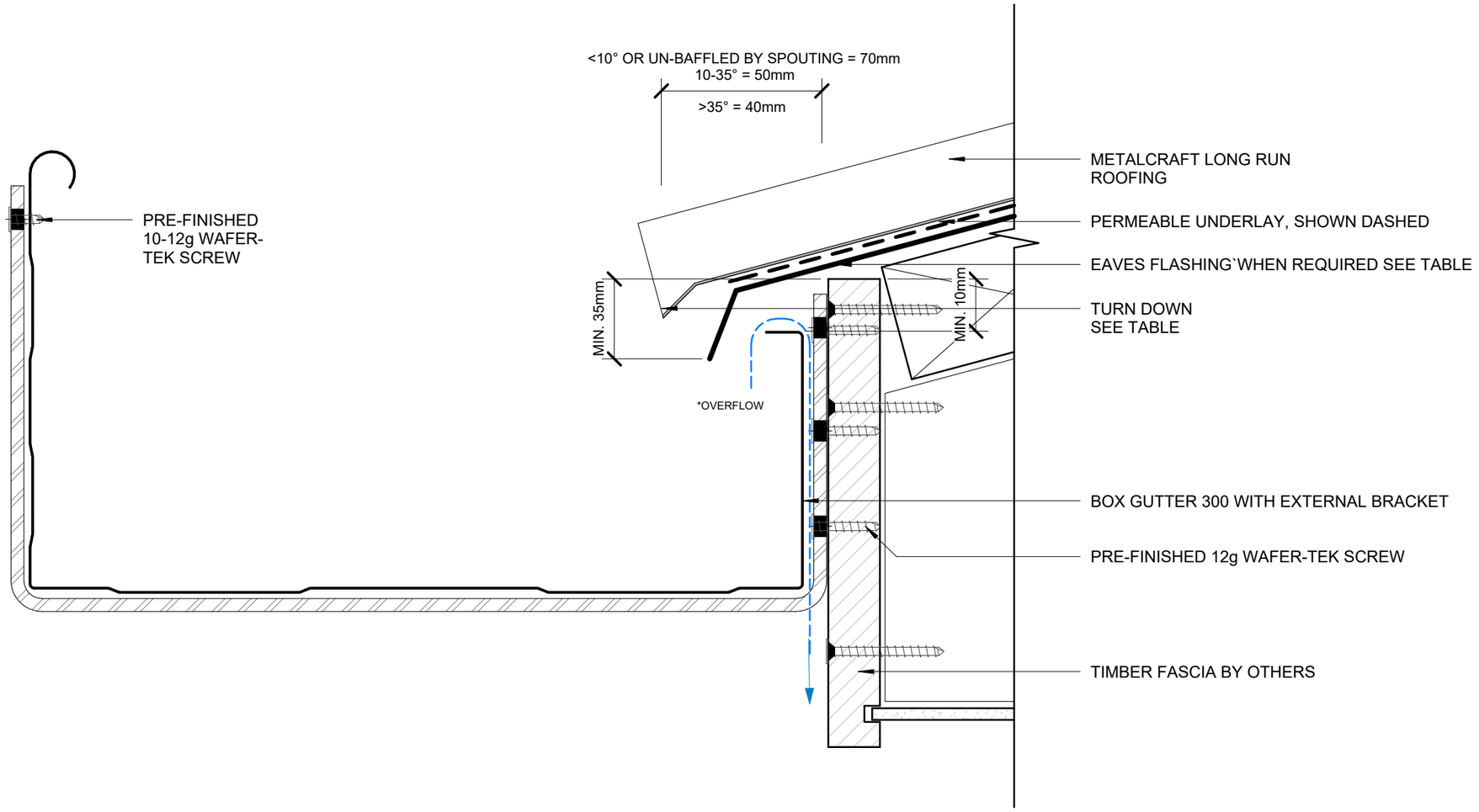
Metalcraft Gutters Install

Rev. 1.0

GUTTER DETAILS

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 05**

MIN. ROOF PITCH AS PER MRM COP



AS PER NZ MRM CODE OF PRACTICE

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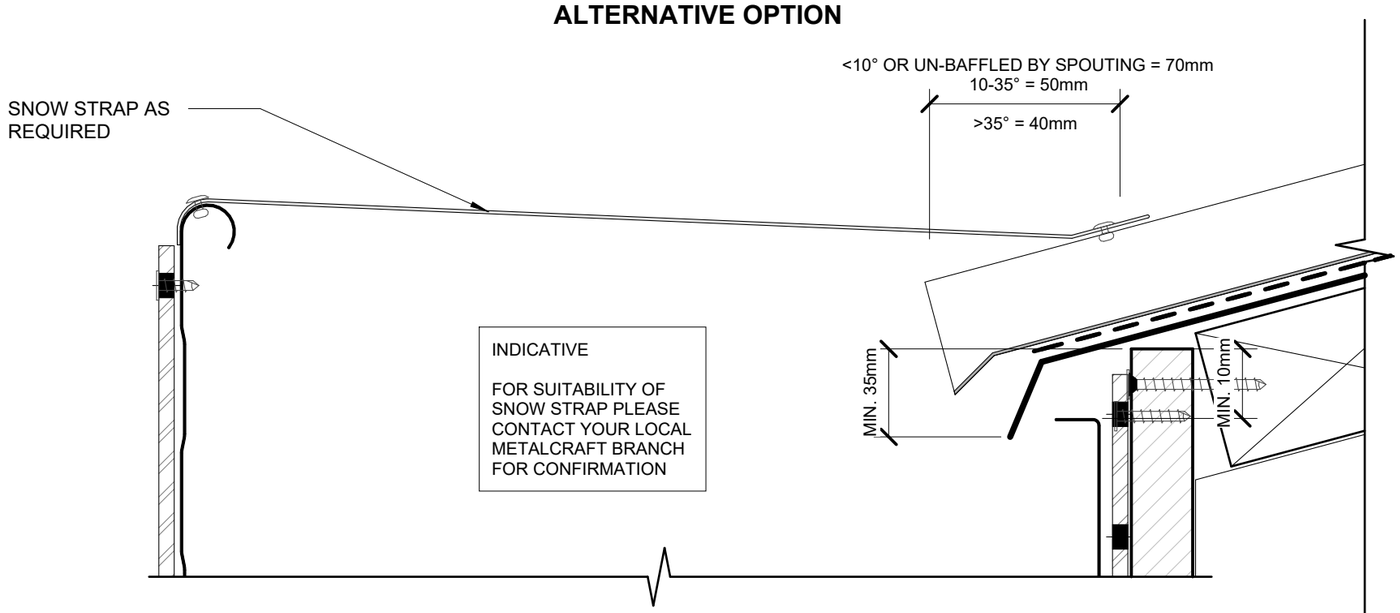
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

ALTERNATIVE OPTION



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BOX GUTTER 300 01

Metalcraft Gutters Install

Rev. 1.0

GUTTER DETAILS

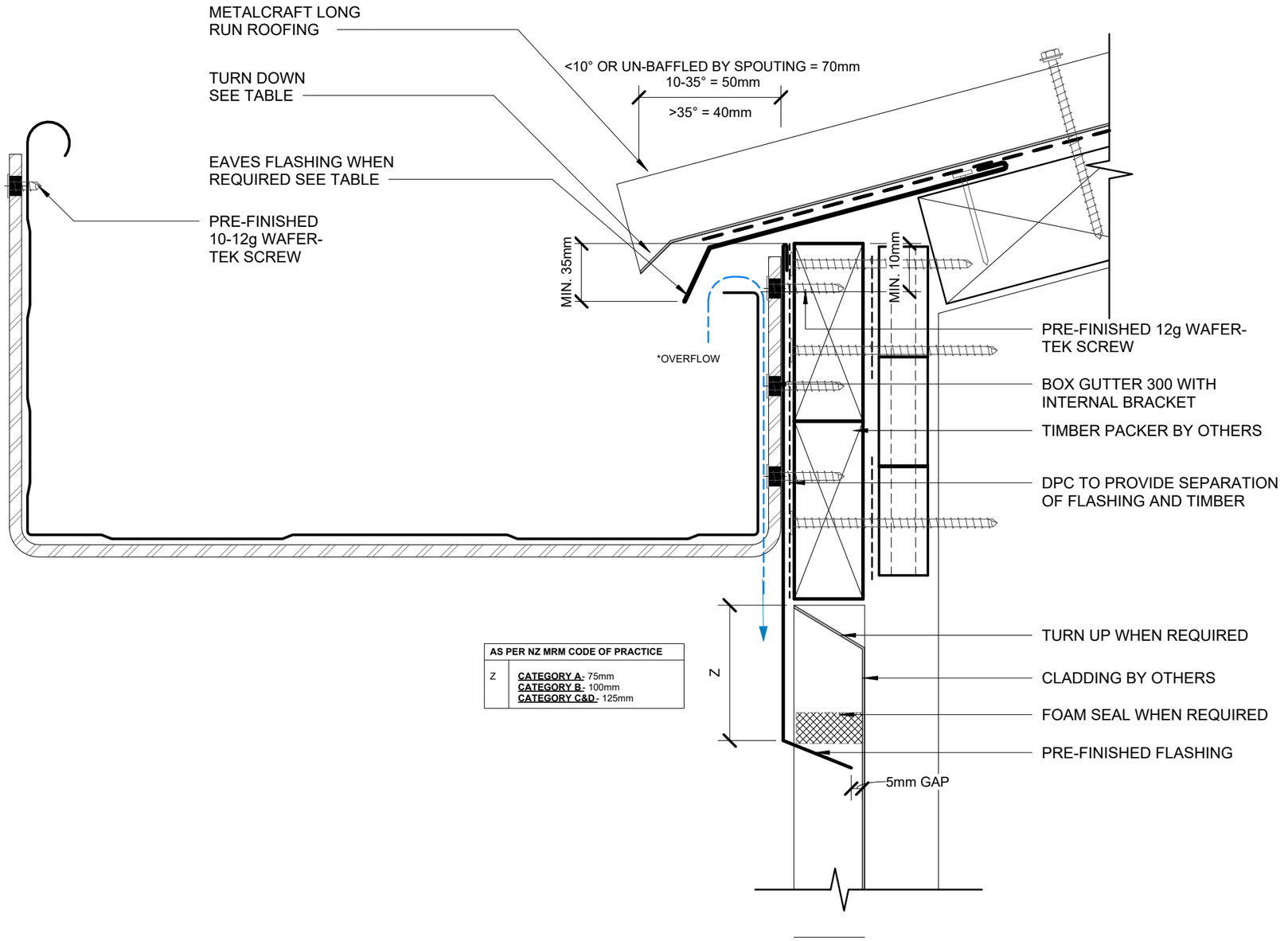
Reference GAI

Date JUNE 2024

Scale 1 : 2

Sheet A 06 A

MIN. ROOF PITCH AS PER
MRM COP



AS PER NZ MRM CODE OF PRACTICE	
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AS PER NZ MRM CODE OF PRACTICE

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AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

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BOX GUTTER 300 02

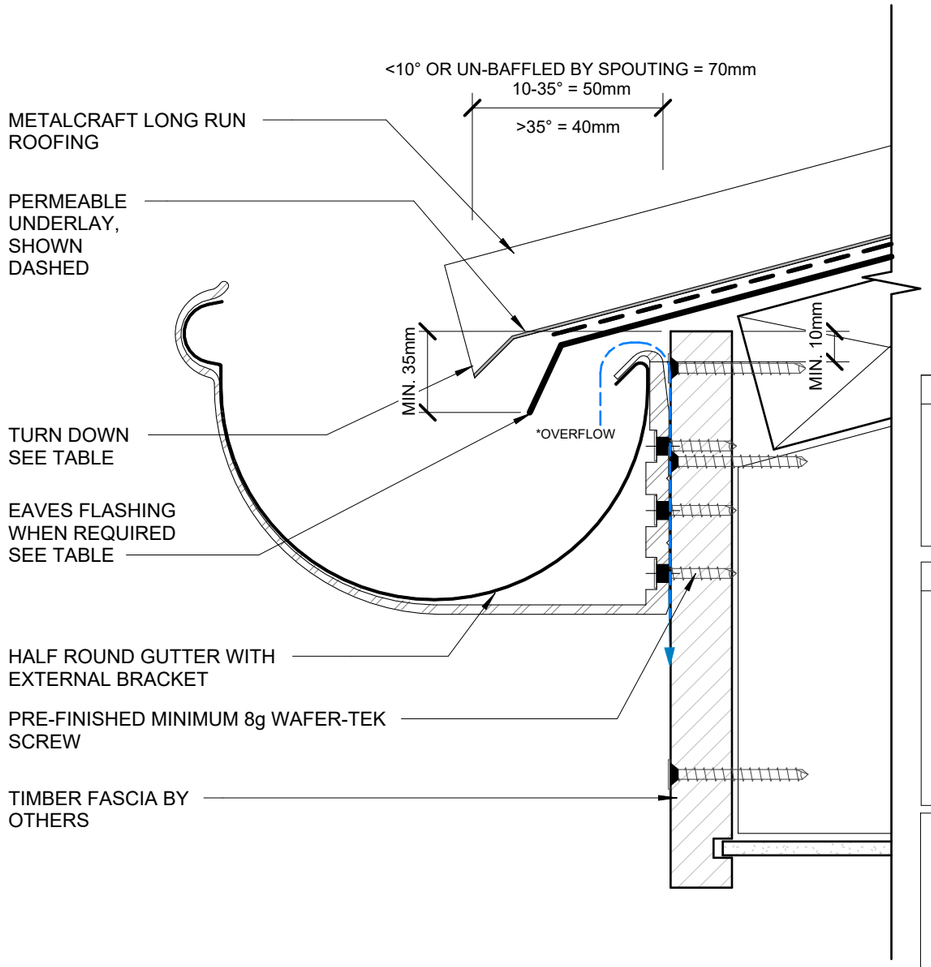
Metalcraft Gutters Install

GUTTER DETAILS

Rev. 1.0

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 06 B**

MIN. ROOF PITCH AS PER MRM COP



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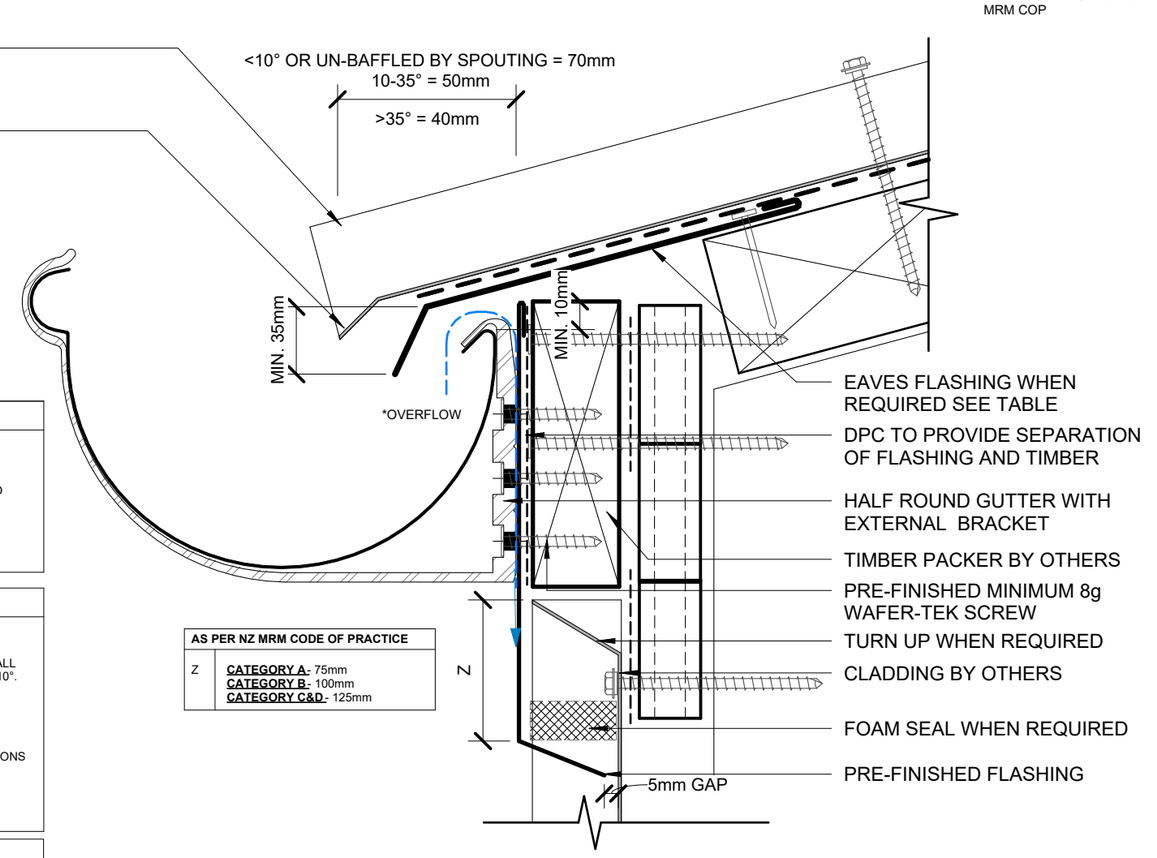
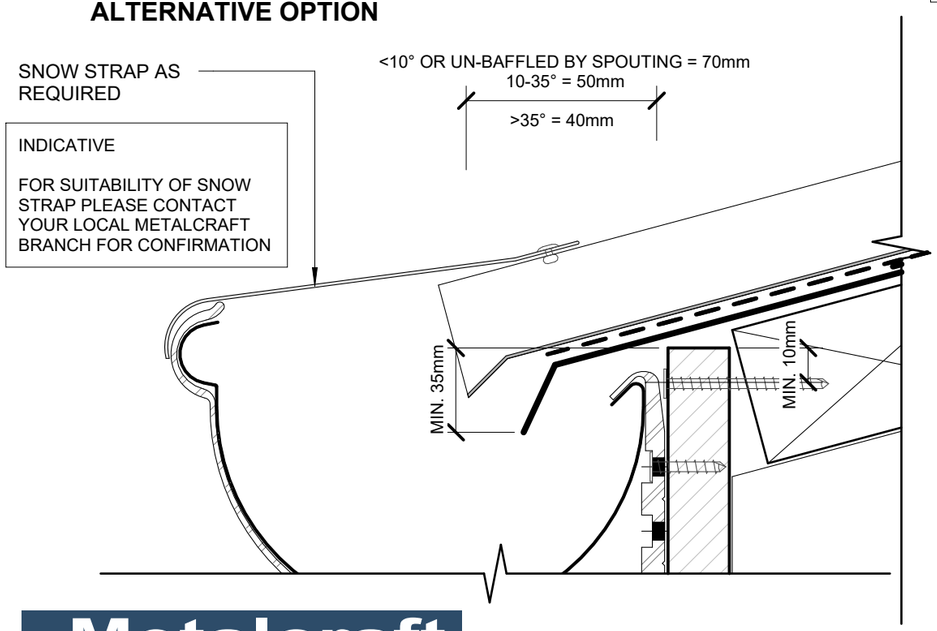
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.



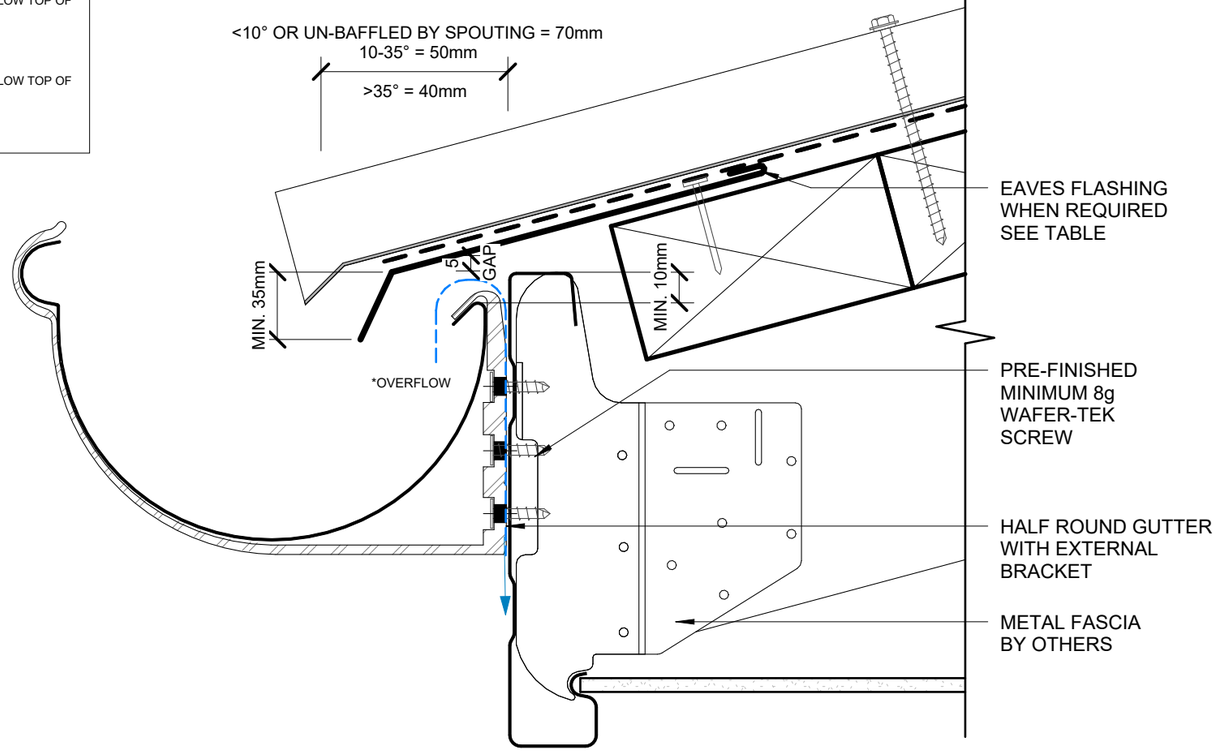
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A**- 75mm **CATEGORY B**- 100mm **CATEGORY C&D**- 125mm

ALTERNATIVE OPTION



INDICATIVE

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



Metalcraft Roofing
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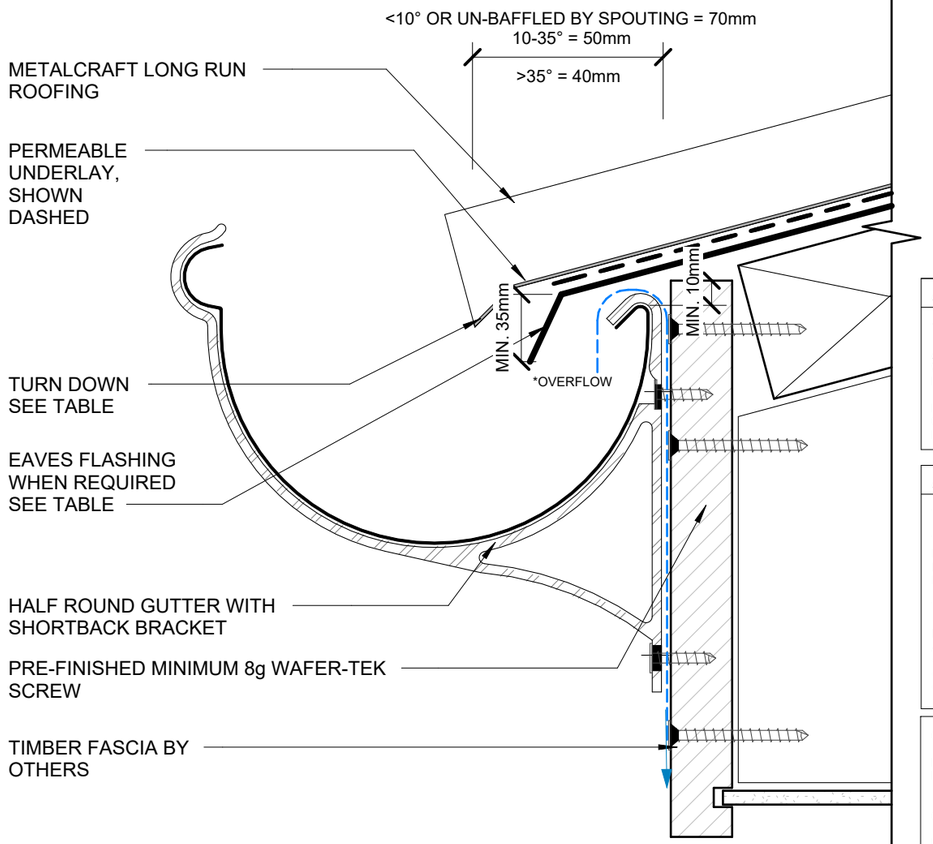
HALF ROUND GUTTER EXTERNAL BRACKET

Metalcraft Gutters Install

Rev. 1.0

GUTTER DETAILS

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 07**



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 =

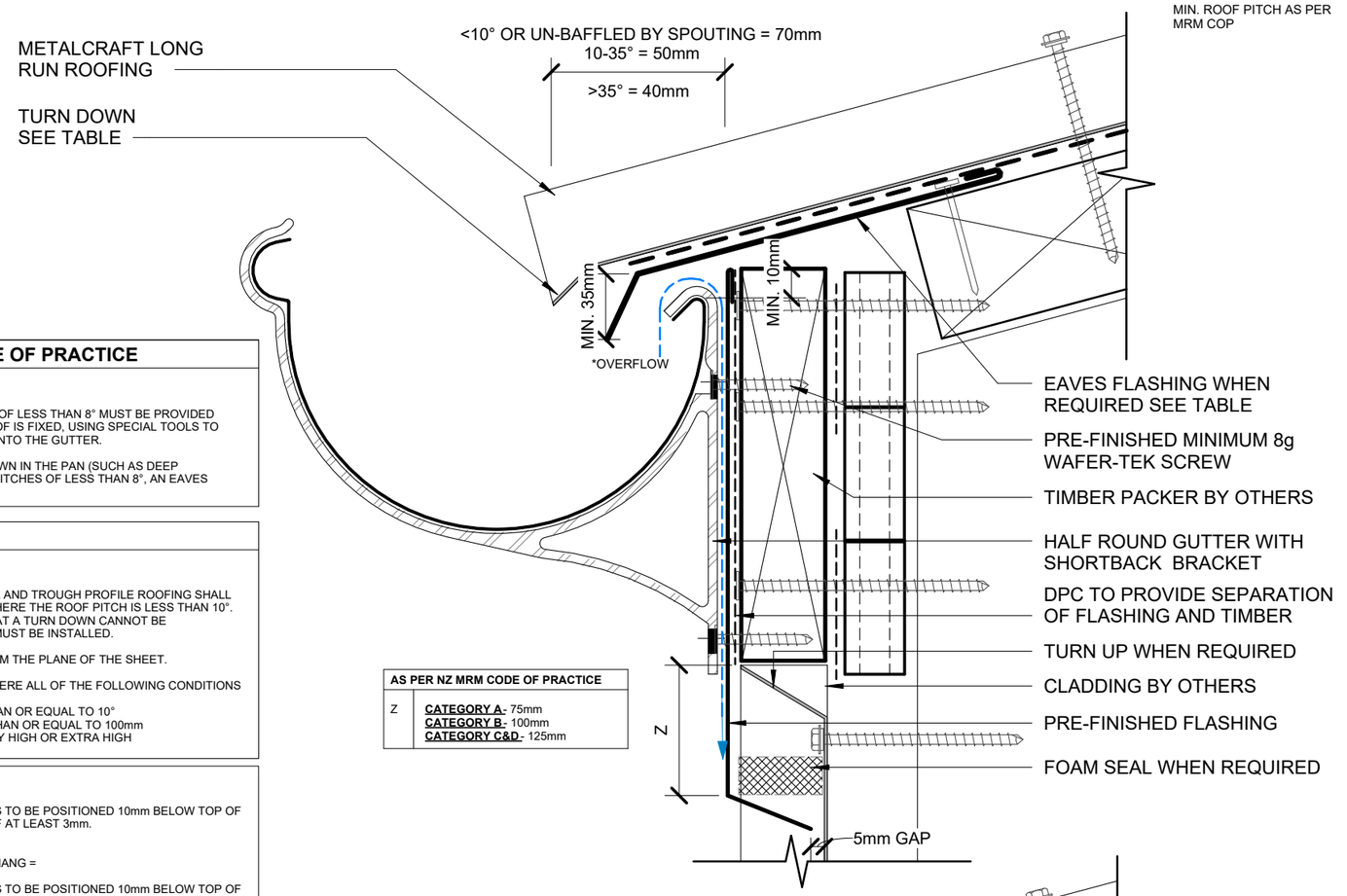
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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.

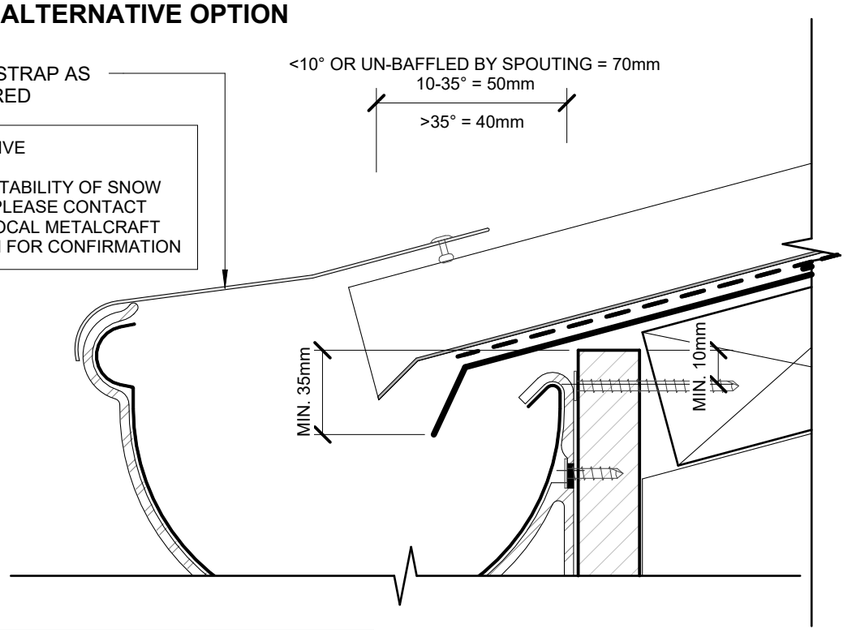
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

MIN. ROOF PITCH AS PER MRM COP



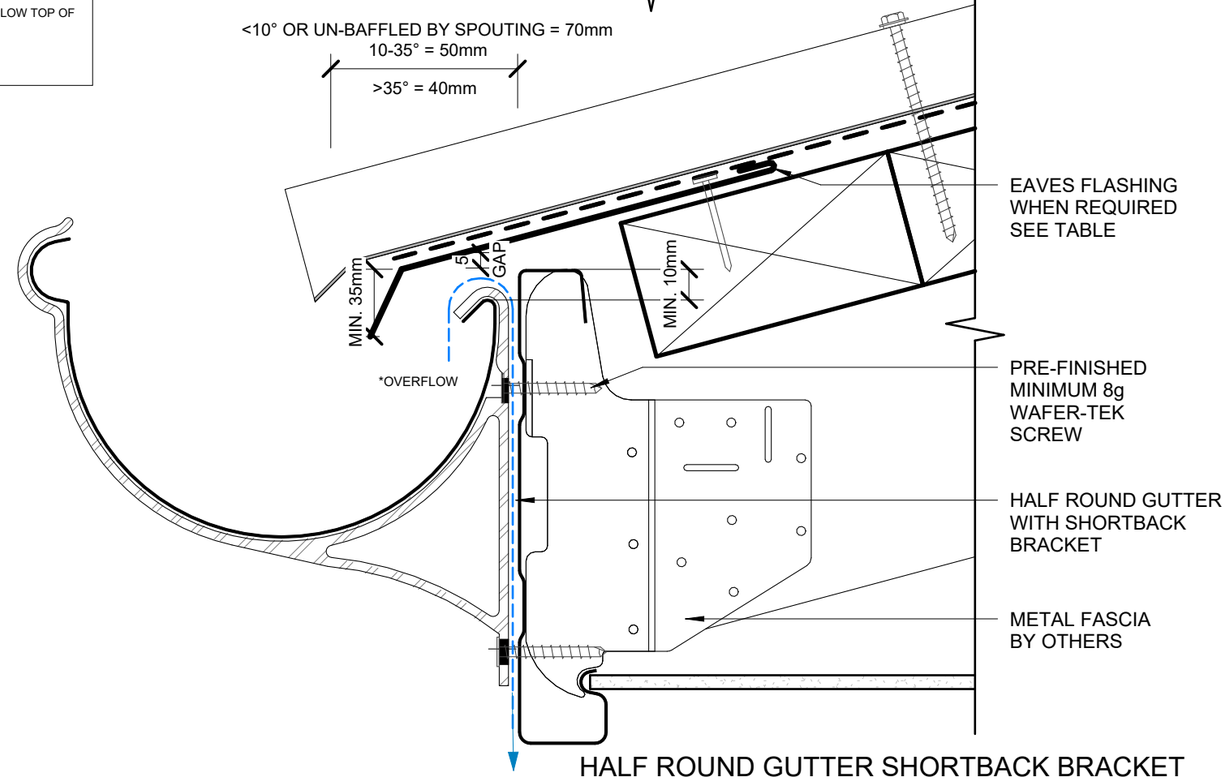
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A-** 75mm **CATEGORY B-** 100mm **CATEGORY C&D-** 125mm

ALTERNATIVE OPTION



INDICATIVE

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



HALF ROUND GUTTER SHORTBACK BRACKET

Metalcraft Roofing
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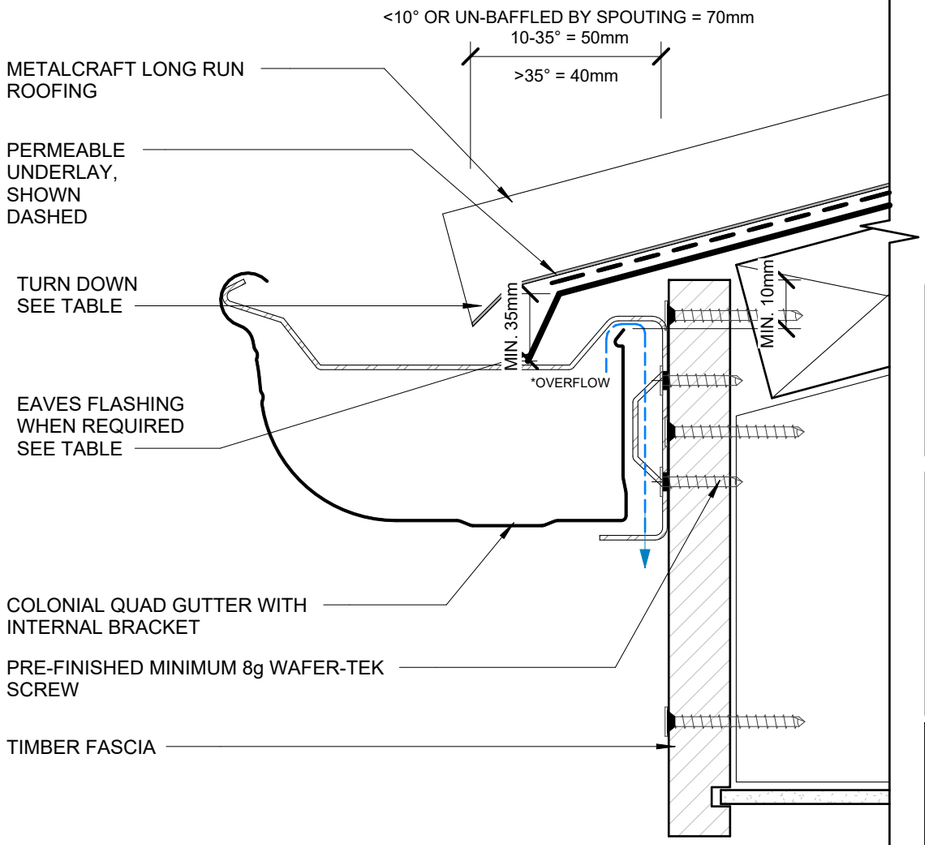
Metalcraft Gutters Install

Rev. 1.0

GUTTER DETAILS

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 08**



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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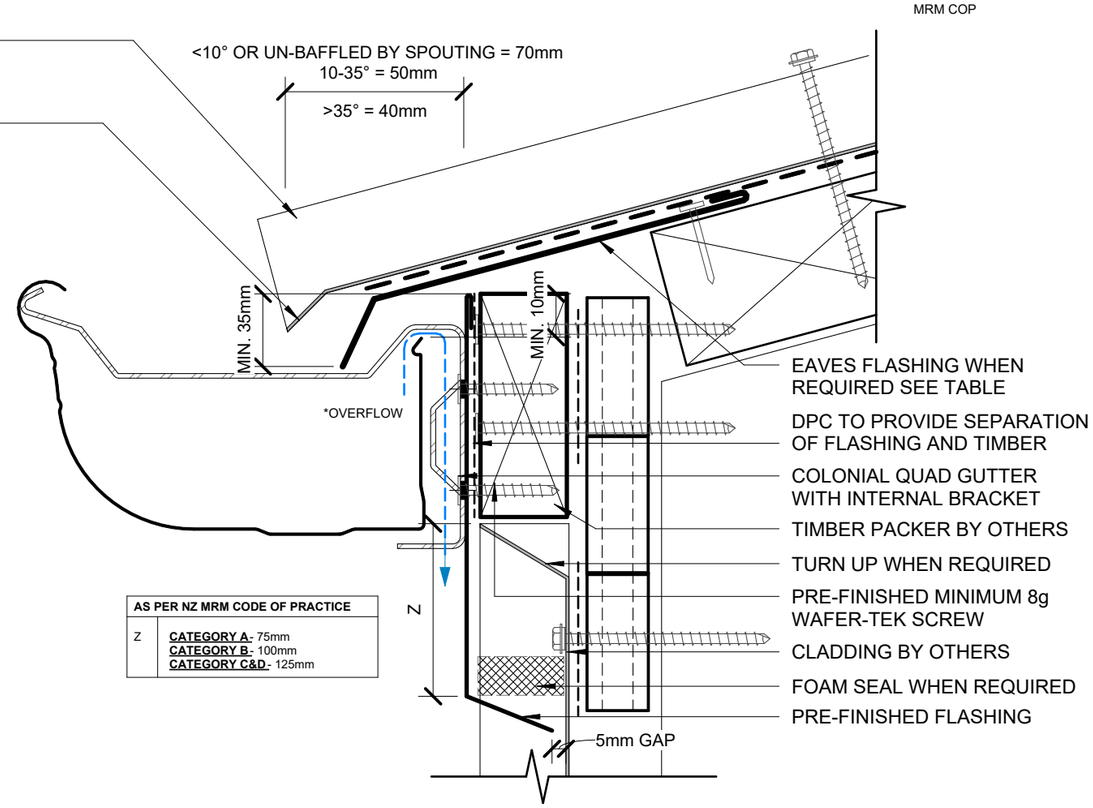
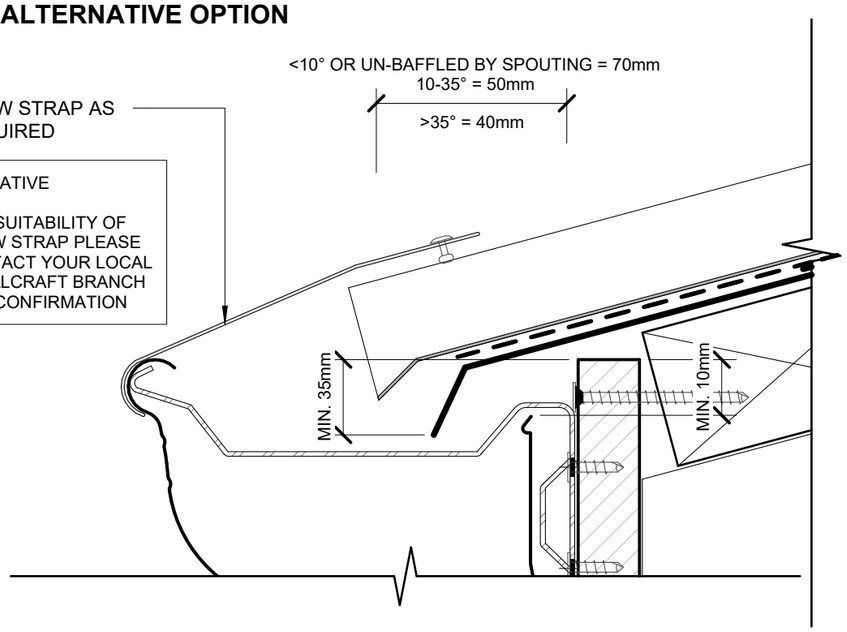
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

MIN. ROOF PITCH AS PER MRM COP



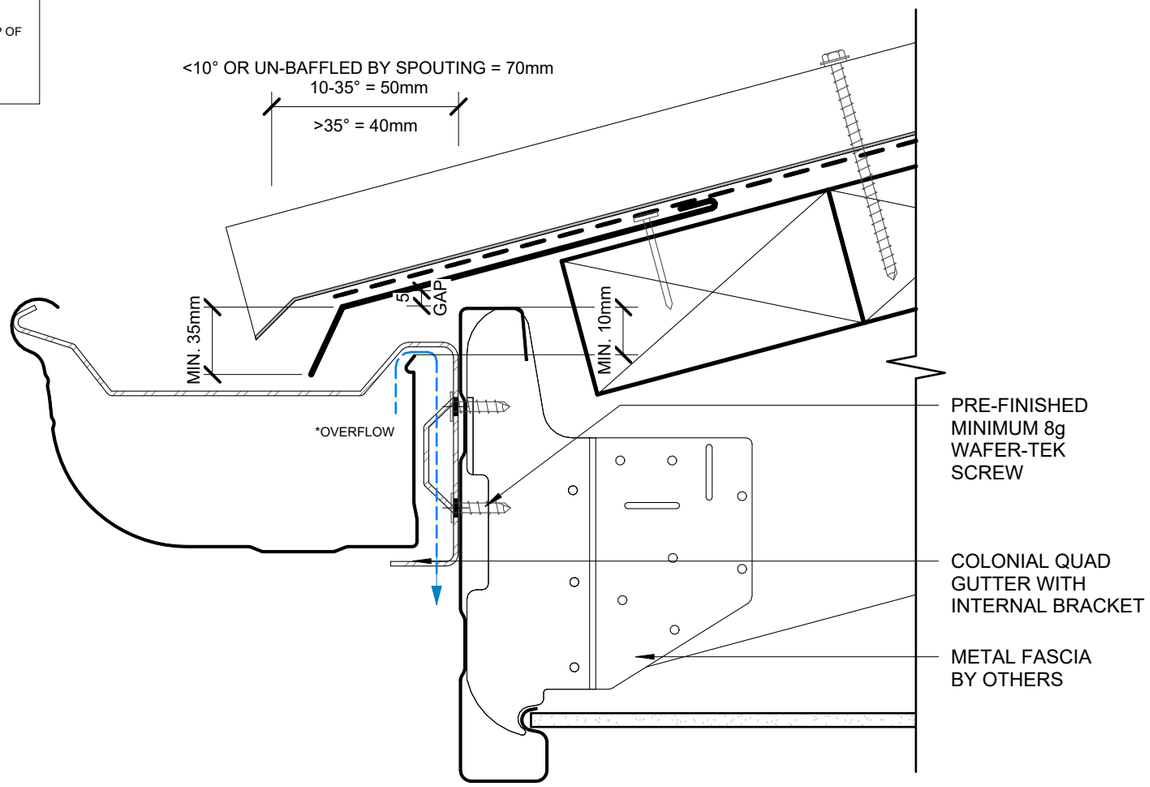
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A**- 75mm **CATEGORY B**- 100mm **CATEGORY C&D**- 125mm

ALTERNATIVE OPTION



INDICATIVE

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



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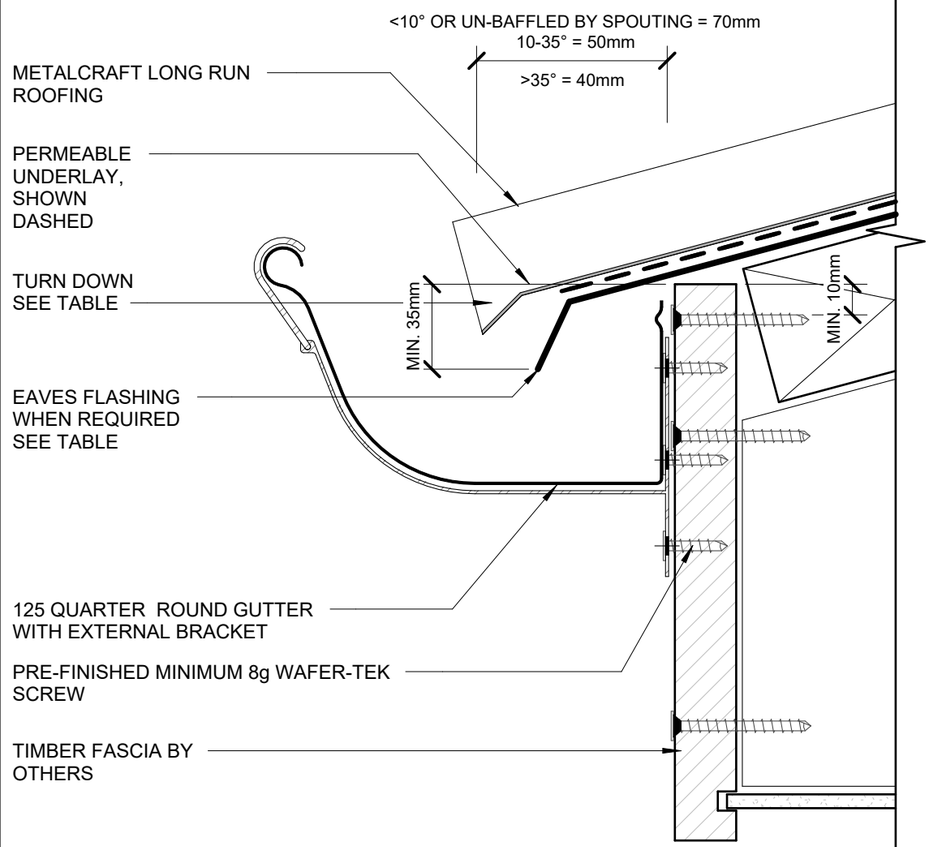
COLONIAL QUAD GUTTER

Metalcraft Gutters Install

GUTTER DETAILS

Rev. 1.0

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 09**



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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AS PER E2/AS1

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OVERFLOW WITH SOFFIT =

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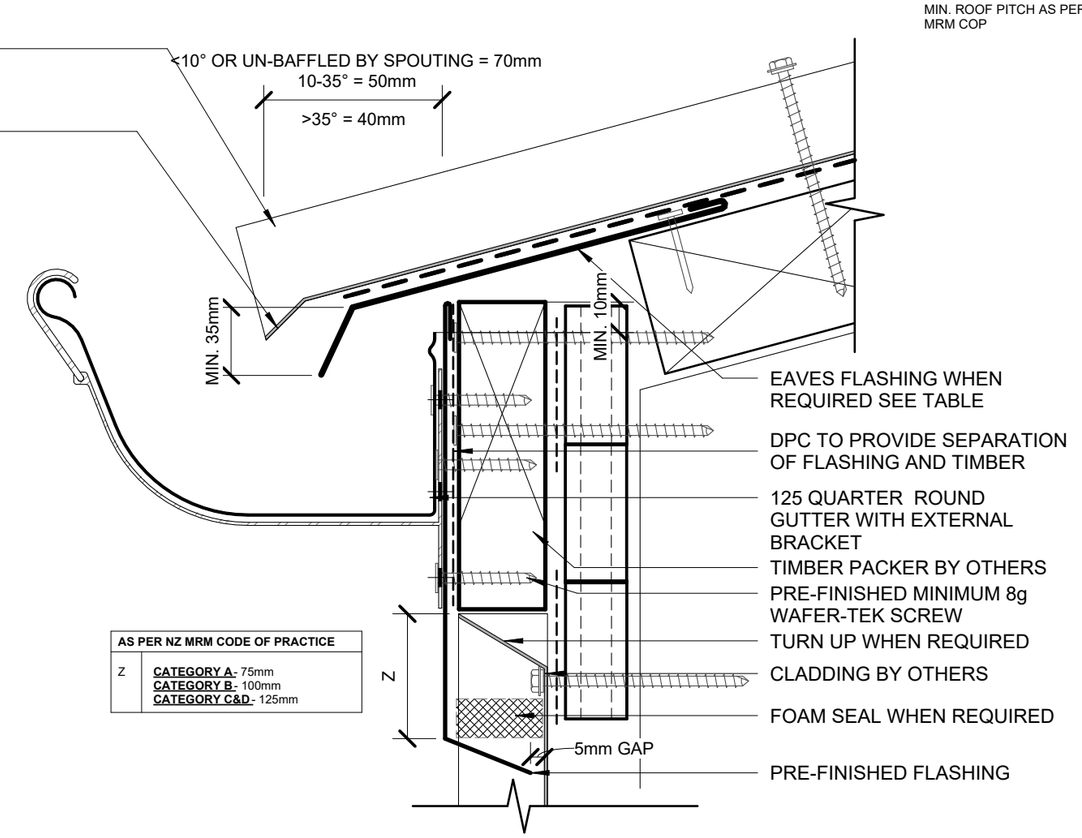
OVERFLOW WITH NO SOFFIT OVERHANG =

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.

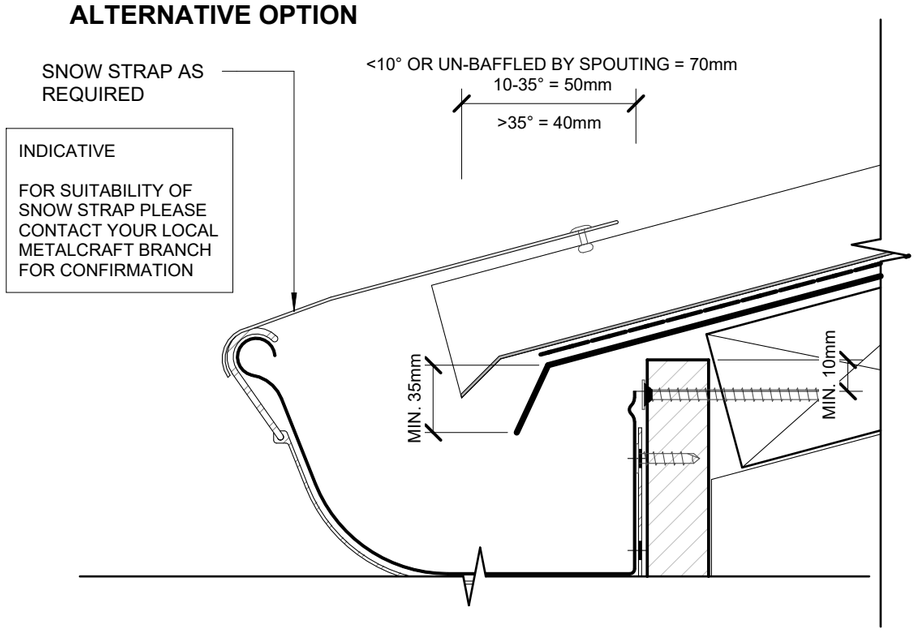
IF OVERFLOW IS REQUIRED FOR 125 QUARTER ROUND GUTTER THEN AN ADDITIONAL PACKER WOULD BE REQUIRED

MIN. ROOF PITCH AS PER MRM COP



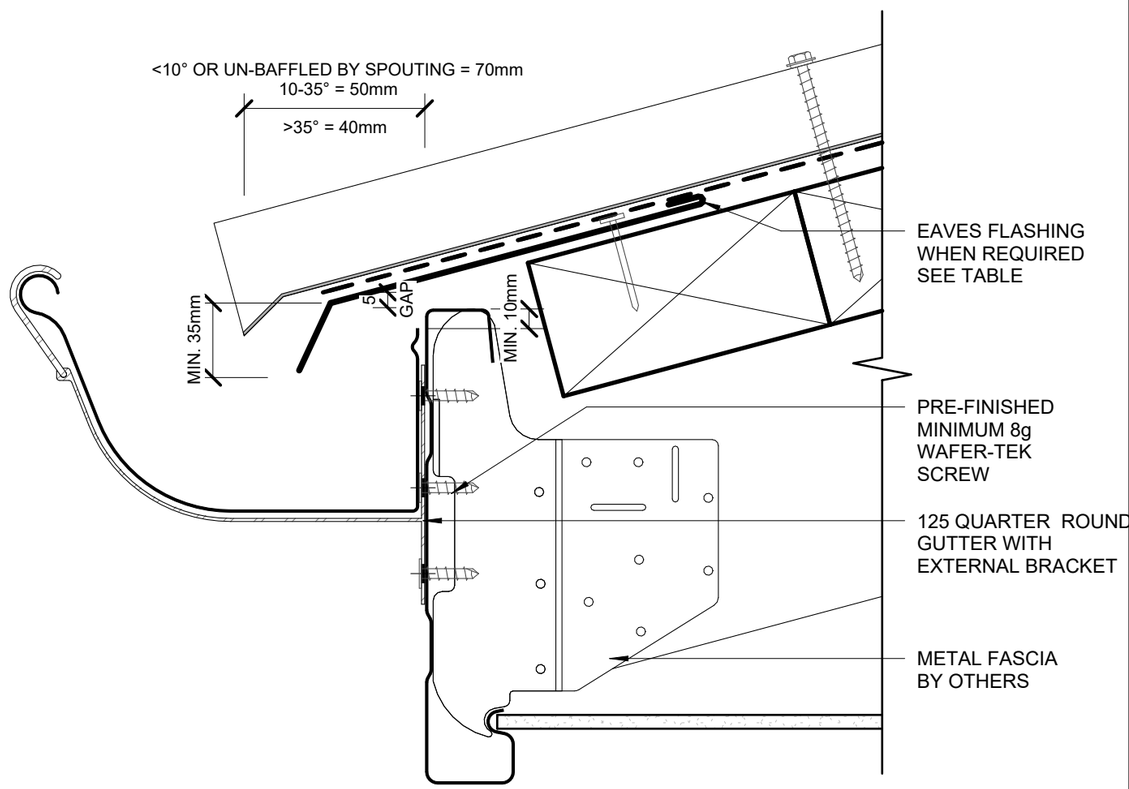
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A**- 75mm **CATEGORY B**- 100mm **CATEGORY C&D**- 125mm

ALTERNATIVE OPTION



INDICATIVE

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



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125 QUARTER ROUND GUTTER

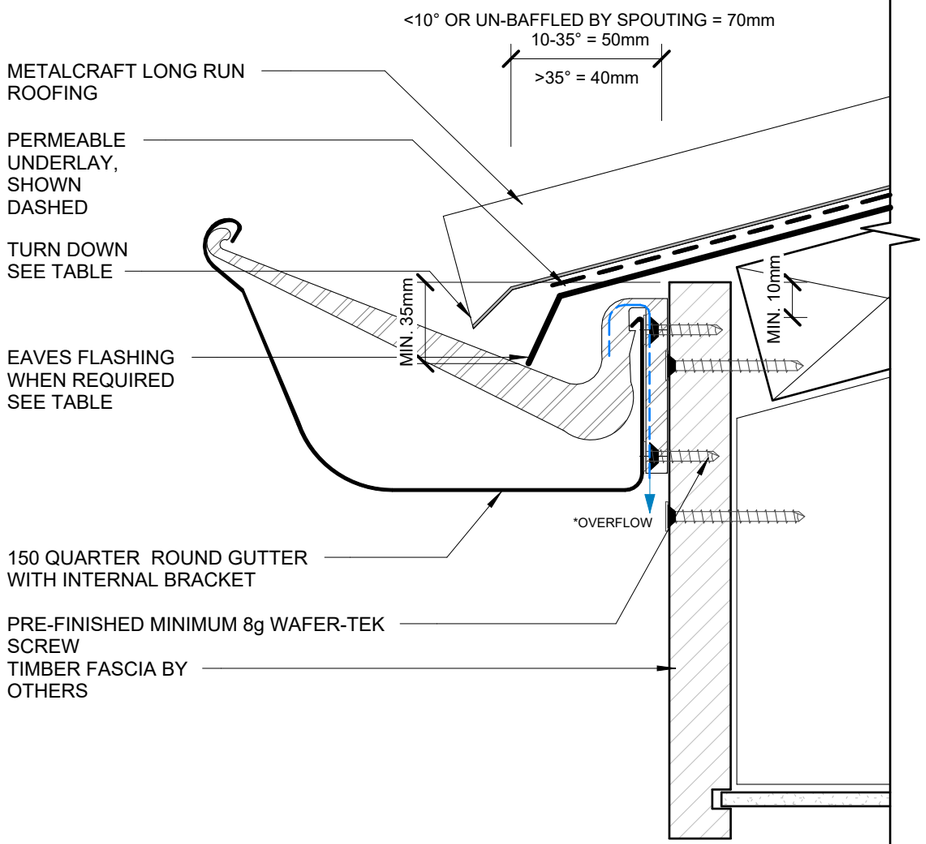
Metalcraft Gutters Install

Rev. 1.0

GUTTER DETAILS

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 10**

MIN. ROOF PITCH AS PER MRM COP



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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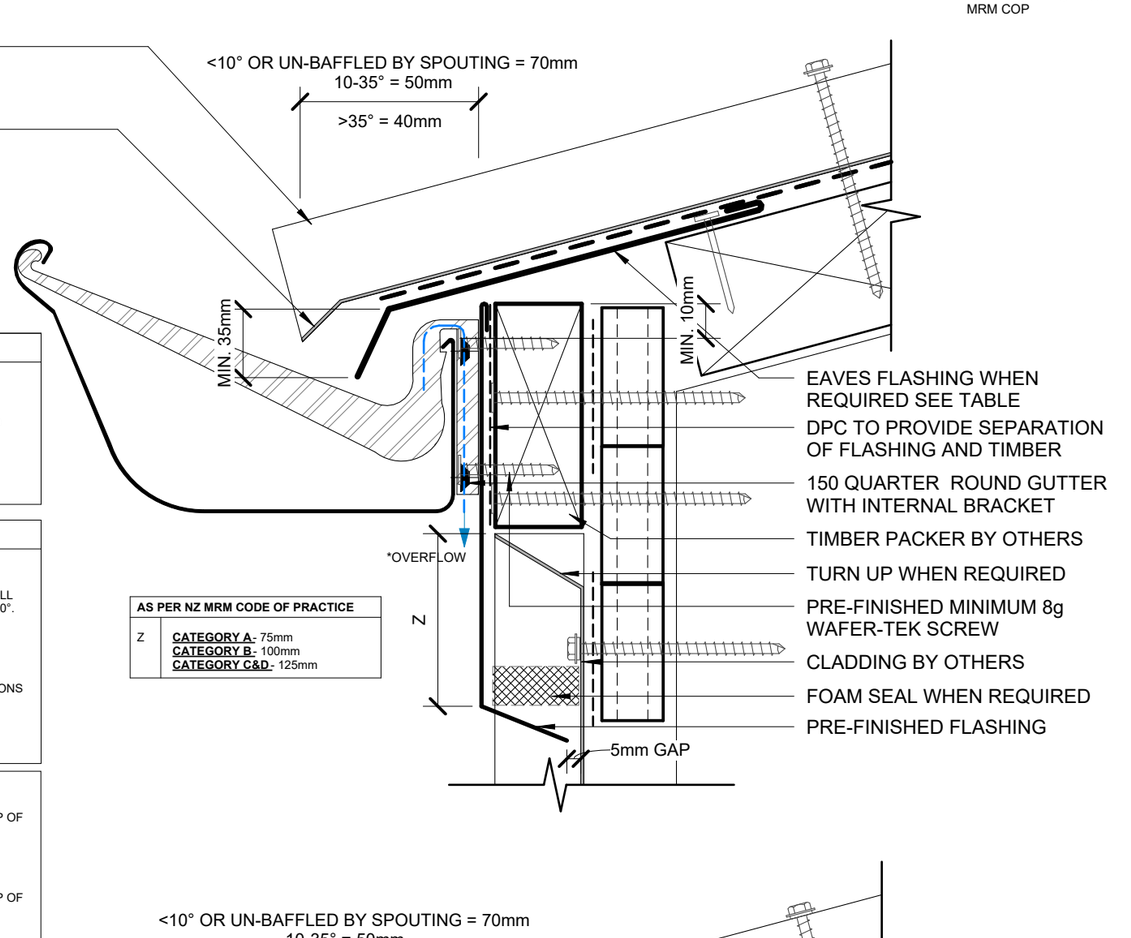
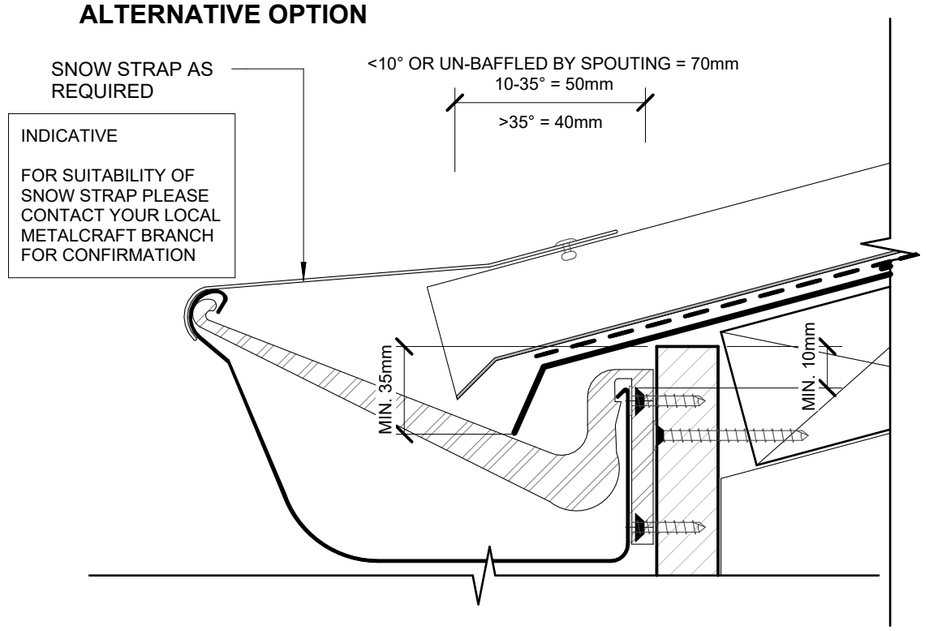


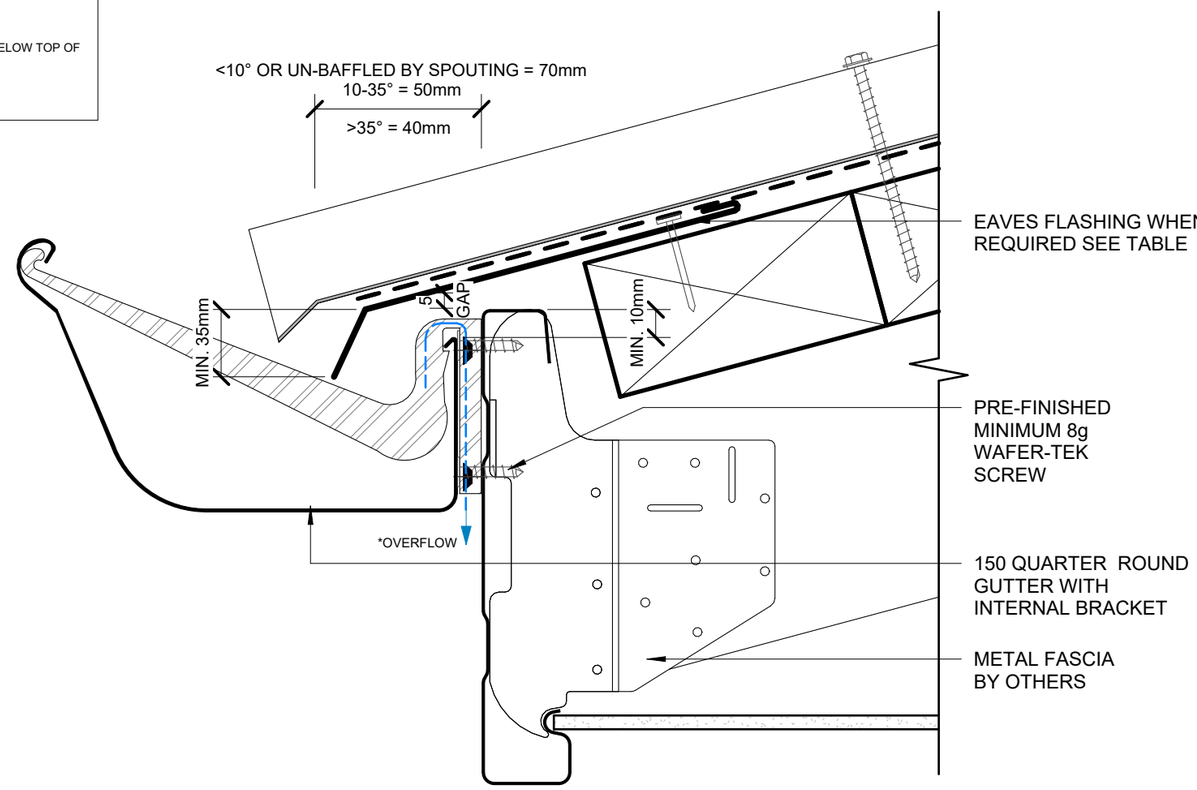
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A**- 75mm **CATEGORY B**- 100mm **CATEGORY C&D**- 125mm

ALTERNATIVE OPTION



INDICATIVE

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



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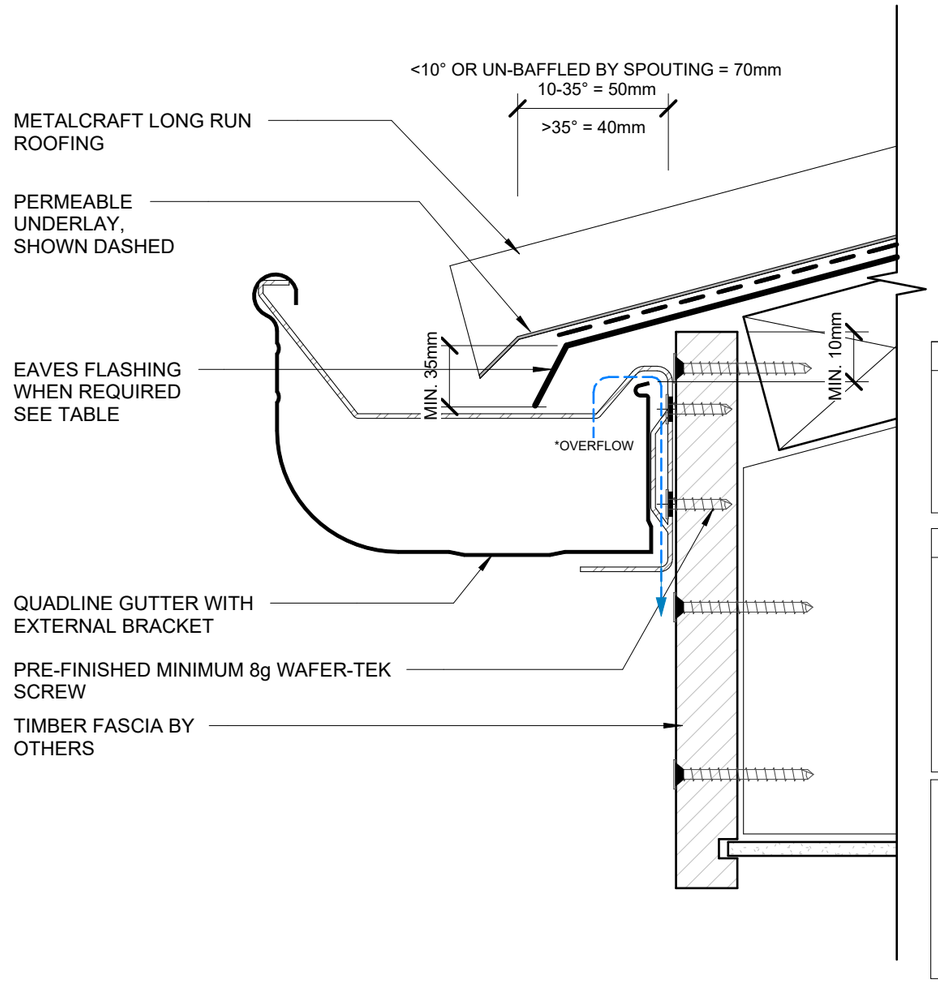
150 QUARTER ROUND GUTTER

Metalcraft Gutters Install

Rev. 1.0

GUTTER DETAILS

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 11**



AS PER NZ MRM CODE OF PRACTICE

TURN DOWN AND EAVES FLASHING

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AS PER E2/AS1

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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.

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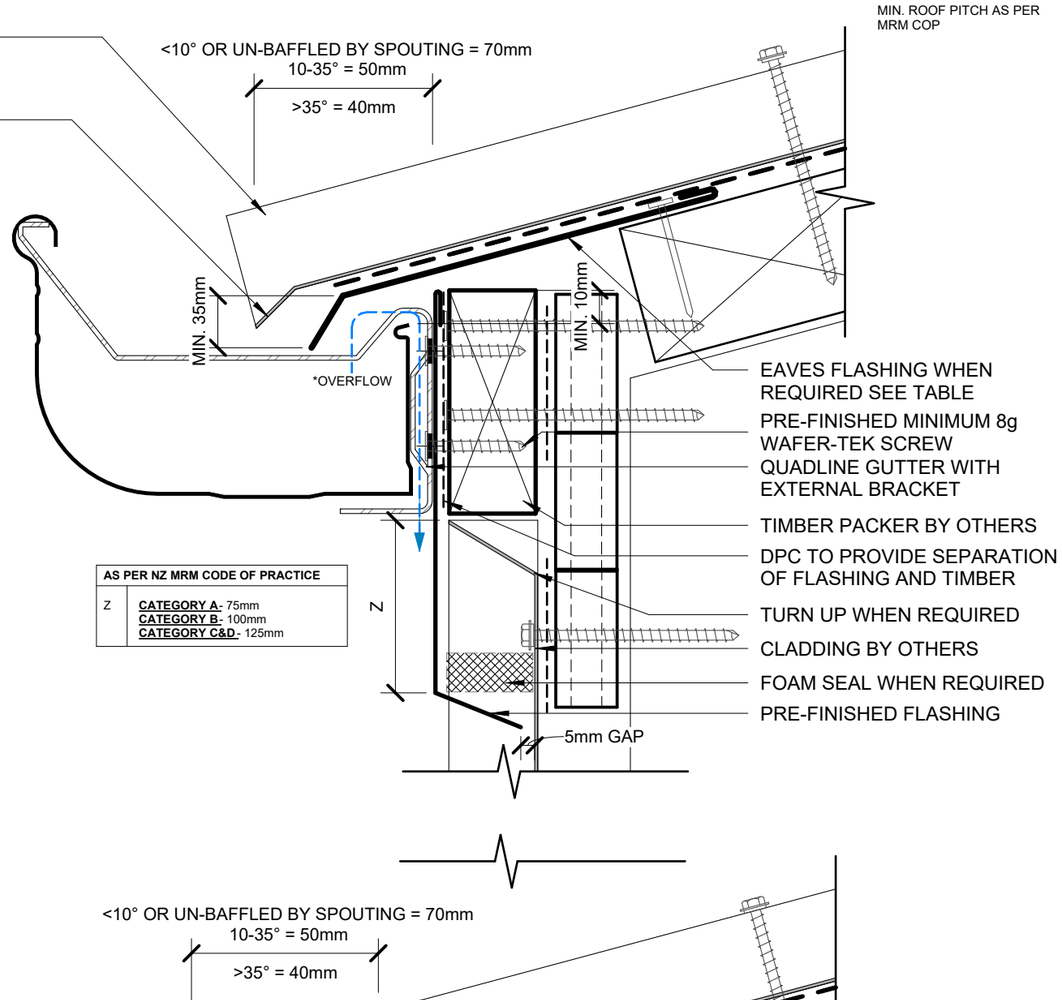
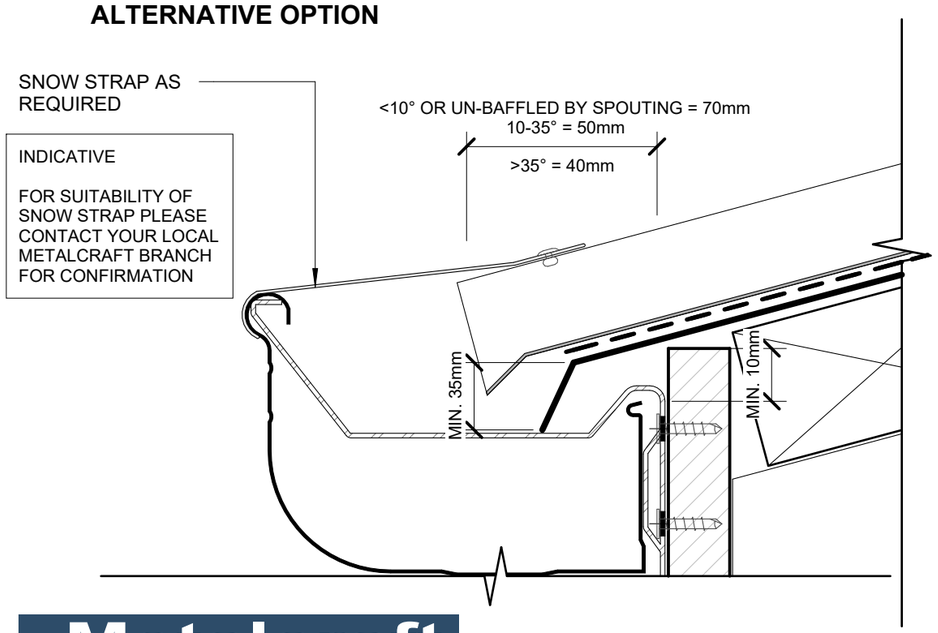
AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.



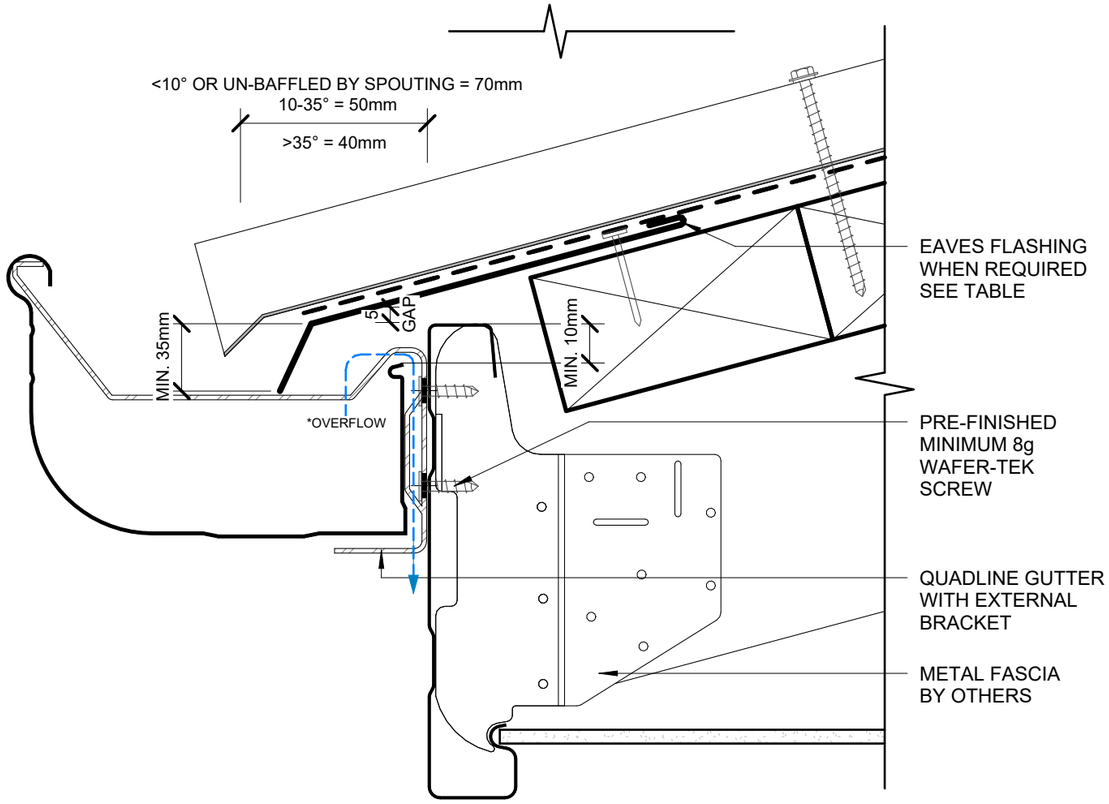
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A**- 75mm **CATEGORY B**- 100mm **CATEGORY C&D**- 125mm

ALTERNATIVE OPTION



INDICATIVE

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



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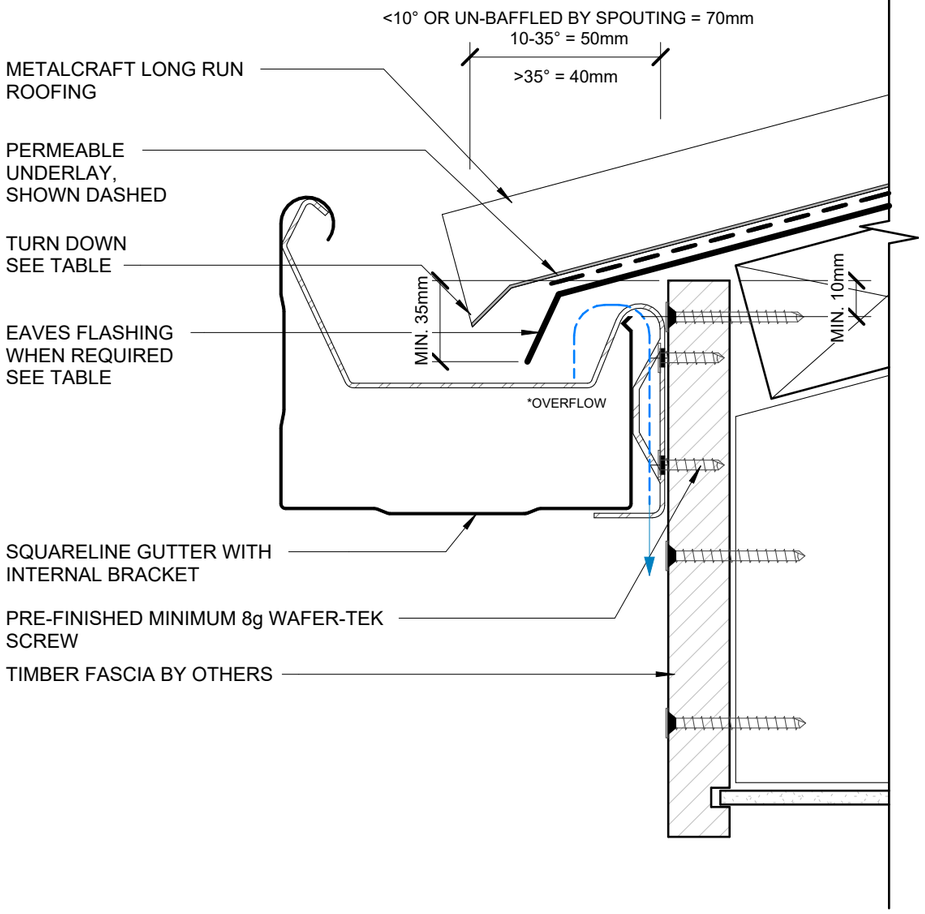
QUADLINE GUTTER

Metalcraft Gutters Install | Rev. 1.0 | **GUTTER DETAILS**

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 12**



AS PER NZ MRM CODE OF PRACTICE

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AS PER E2/AS1

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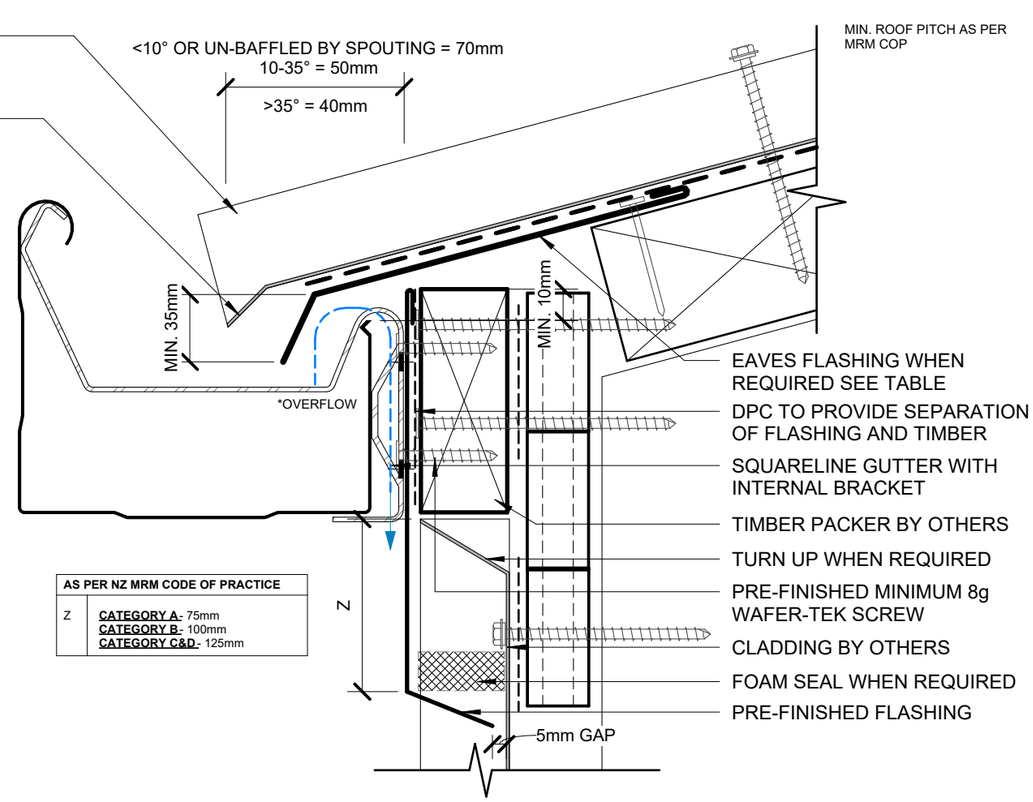

AS PER NZ MRM CODE OF PRACTICE	
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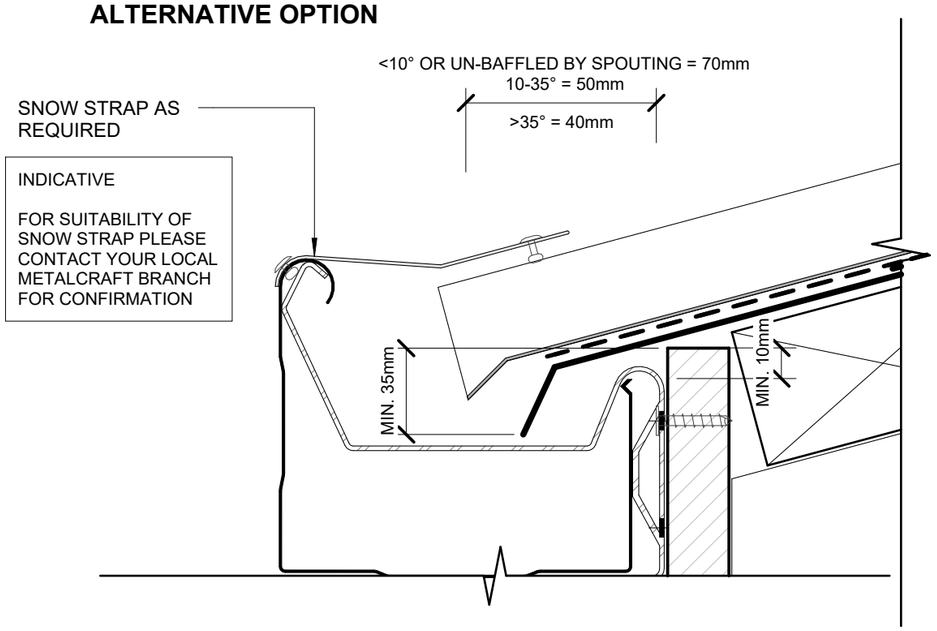
ALTERNATIVE OPTION



INDICATIVE

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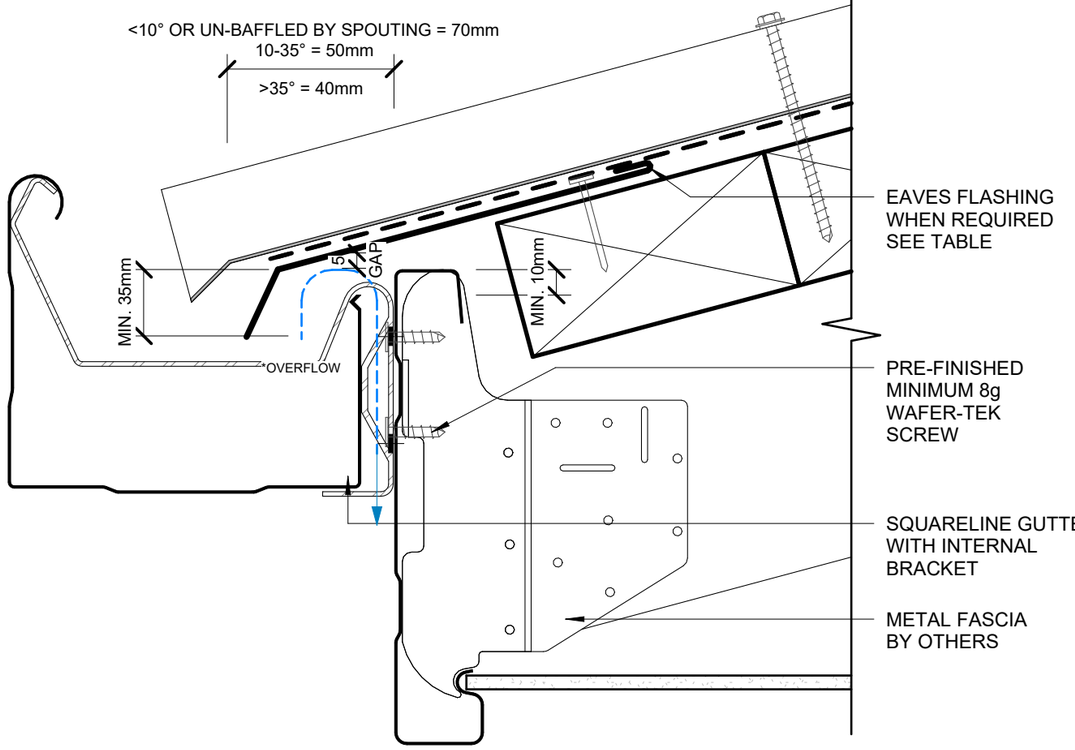

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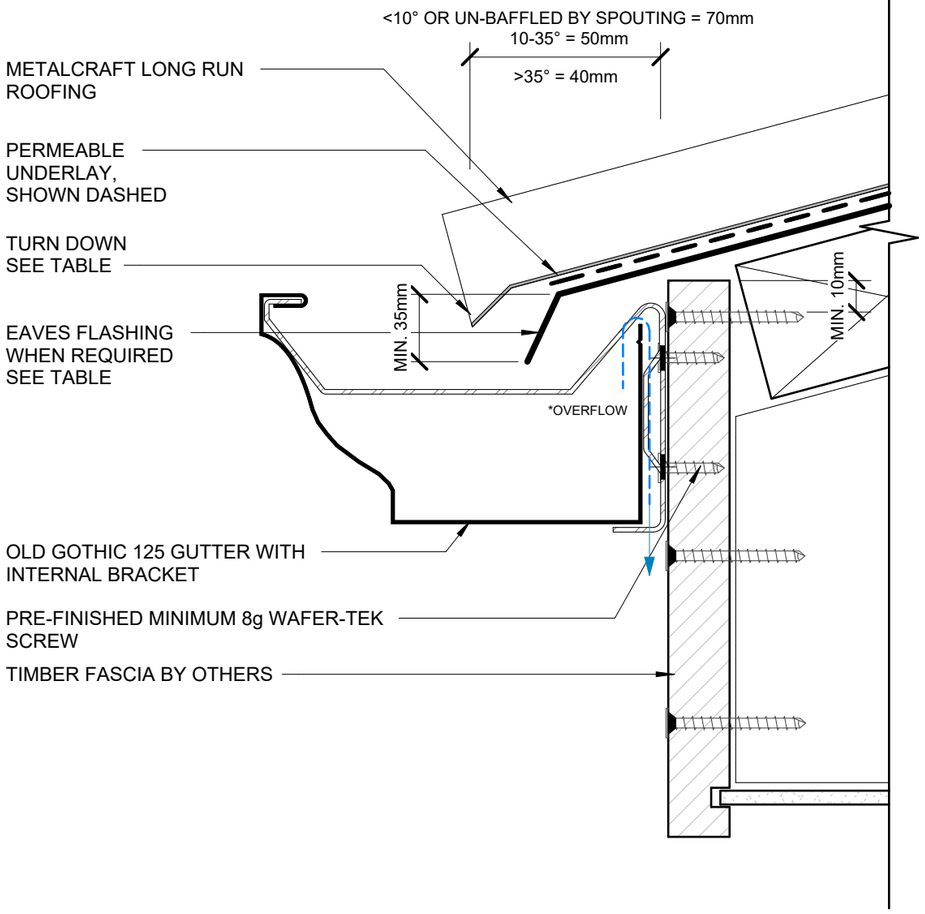
SQUARELINE
GUTTER DETAILS

Metalcraft Gutters Install

Rev. 1.0

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 13**



AS PER NZ MRM CODE OF PRACTICE

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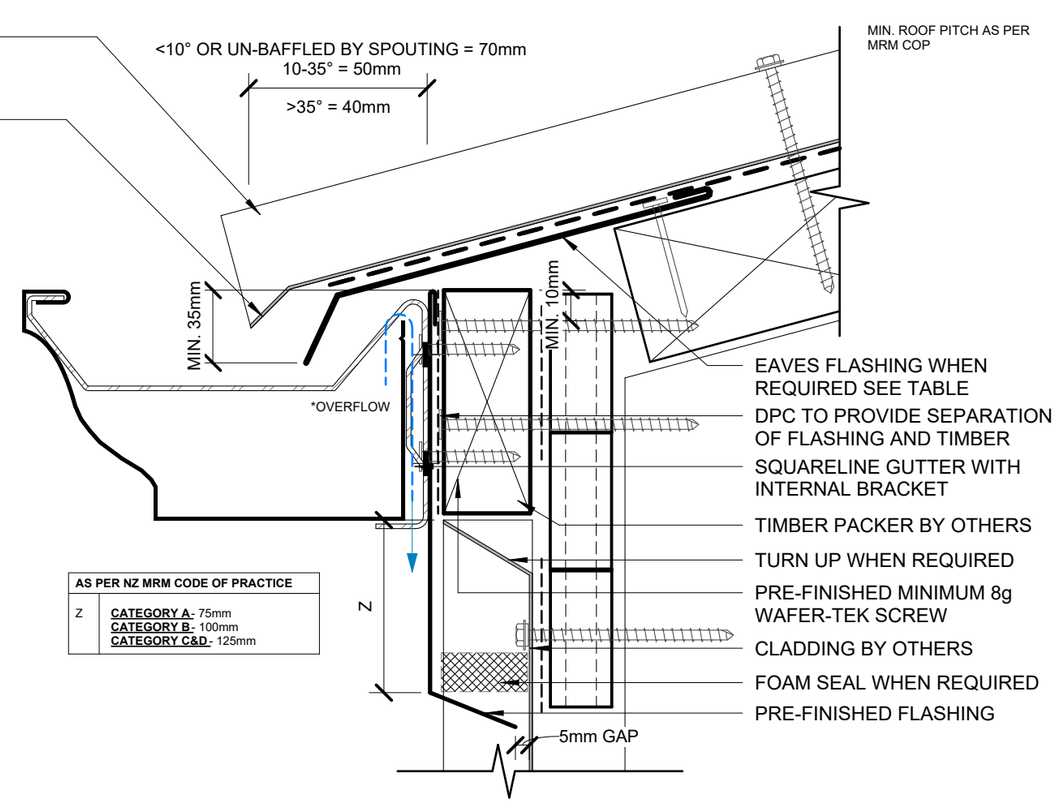
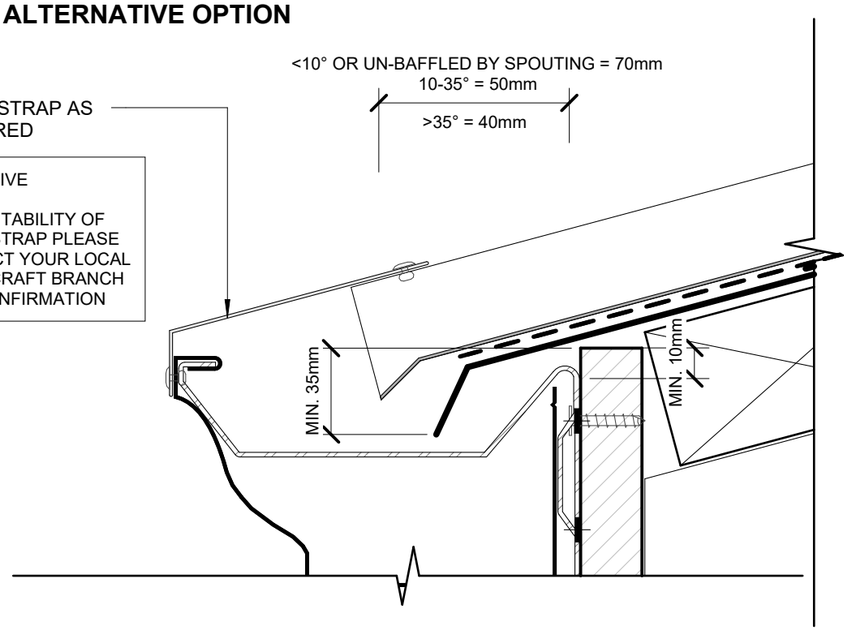
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.



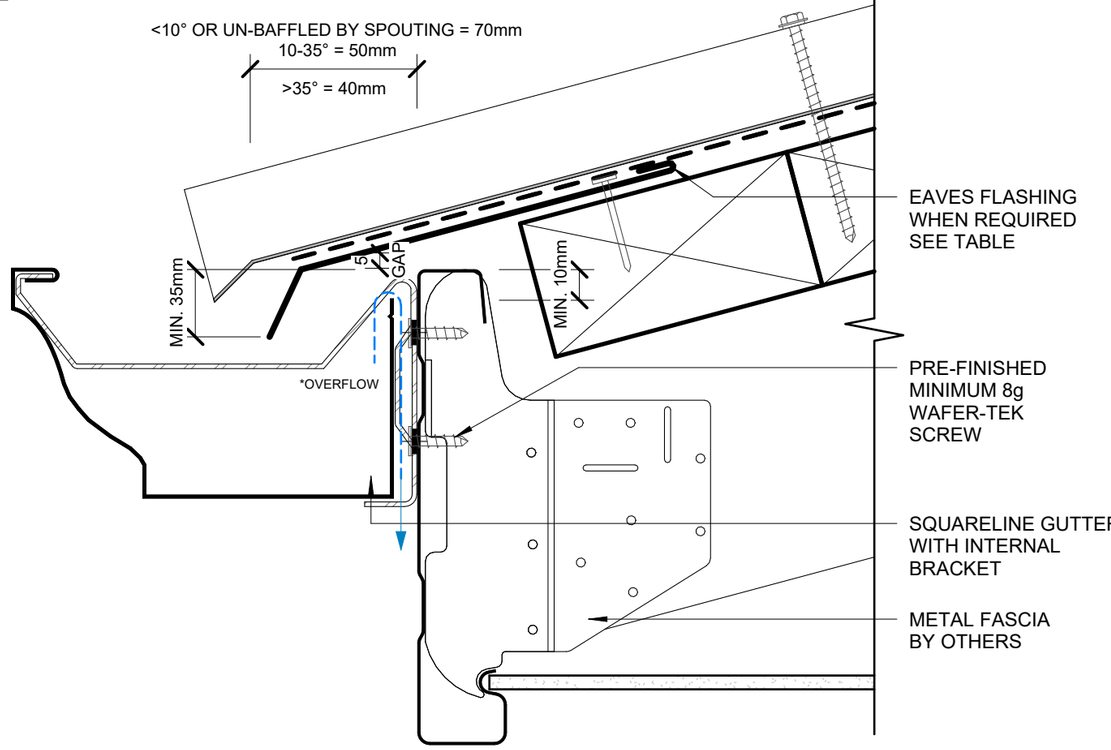
AS PER NZ MRM CODE OF PRACTICE	
Z	**CATEGORY A-** 75mm **CATEGORY B-** 100mm **CATEGORY C&D-** 125mm

ALTERNATIVE OPTION



INDICATIVE

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



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OLD GOTHIC 125

GUTTER DETAILS

Metalcraft Gutters Install

Rev. 1.0

Reference GAI | Date JUNE 2024 | Scale 1 : 2 | Sheet **A 14**