GUTTERS AND DOWNPIPES

GUTTERS AND DOWNPIPES

DETAIL LIST		Revision	Date
00	COVER SHEET		
01	125 Quarter Round Gutter	1.0	JUNE 2025
02	Colonial Quad Gutter	1.0	JUNE 2025
03	Quadline Gutter	1.0	JUNE 2025
04	Half Round Gutter	1.0	JUNE 2025
05	Squareline	1.0	JUNE 2025
06	150 Quarter Round	1.0	JUNE 2025
07	Old Gothic 125	1.0	JUNE 2025
08	Box Gutter 115	1.0	JUNE 2025
09	Box Gutter 125	1.0	JUNE 2025
10	Box Gutter 175	1.0	JUNE 2025
11	Box Gutter 300	1.0	JUNE 2025
12	Downpipe	1.0	JUNE 2025
13	Metalline Fascia 135	1.0	JUNE 2025
14	Metalline Fascia 155	1.0	JUNE 2025
15	Metalline Fascia 185	1.0	JUNE 2025

GAD

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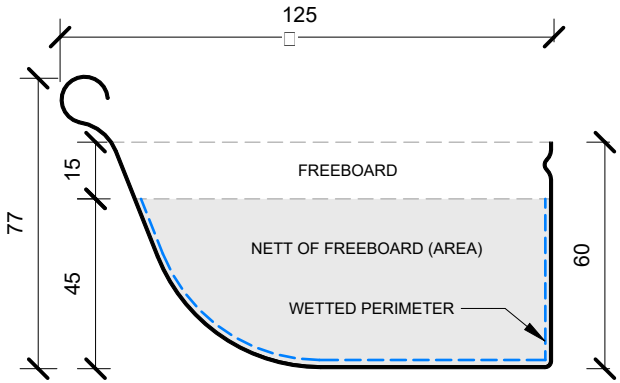
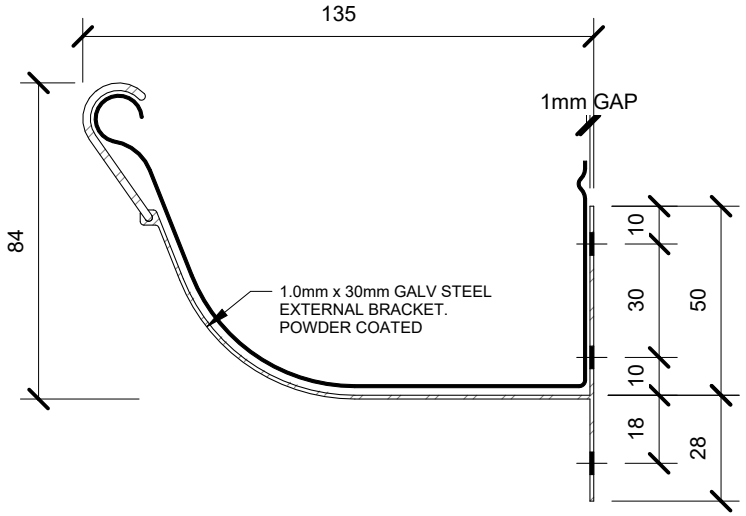




TOTAL CROSS SECTIONAL AREA 5958mm²

NETT OF FREEBOARD 4264mm²

WETTED PERIMETER 181mm

TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)

OVERFLOW WITH SOFFIT =

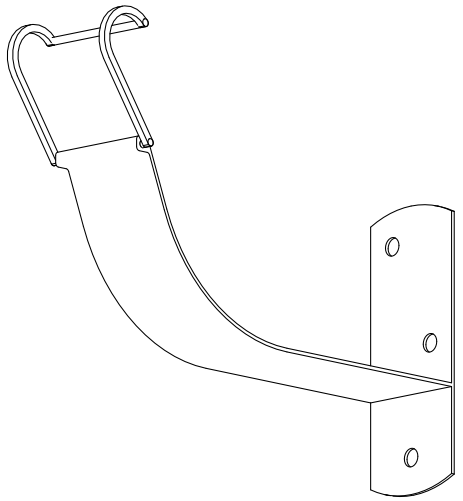
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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.

MANUFACTURED IN PALMERSTON NORTH



3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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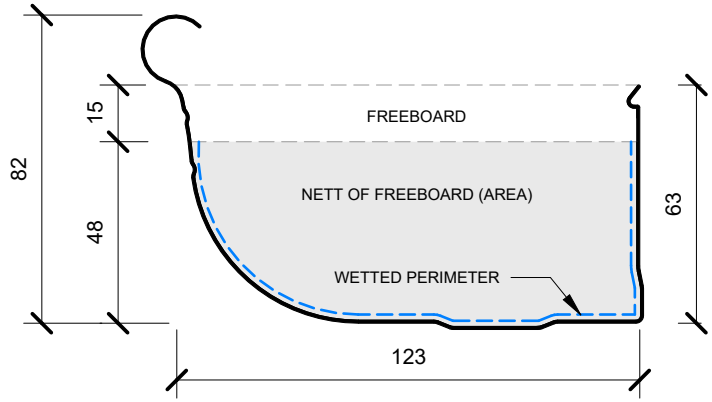
125 Quarter Round Gutter

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **01**



TOTAL CROSS SECTIONAL AREA 6962mm²

NETT OF FREEBOARD 5186mm²
WETTED PERIMETER 191mm

TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)

MANUFACTURED IN PALMERSTON NORTH, HAMILTON, CROMWELL, CHRISTCHURCH, NEW PLYMOUTH

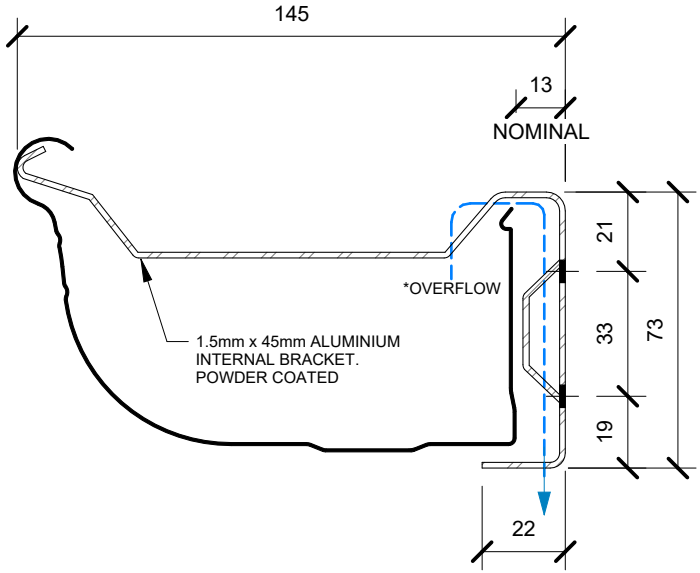
OVERFLOW WITH SOFFIT =

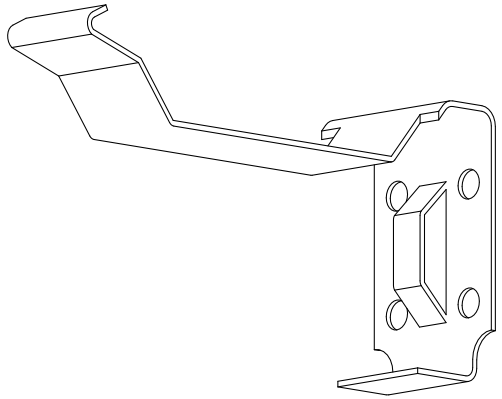
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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.





3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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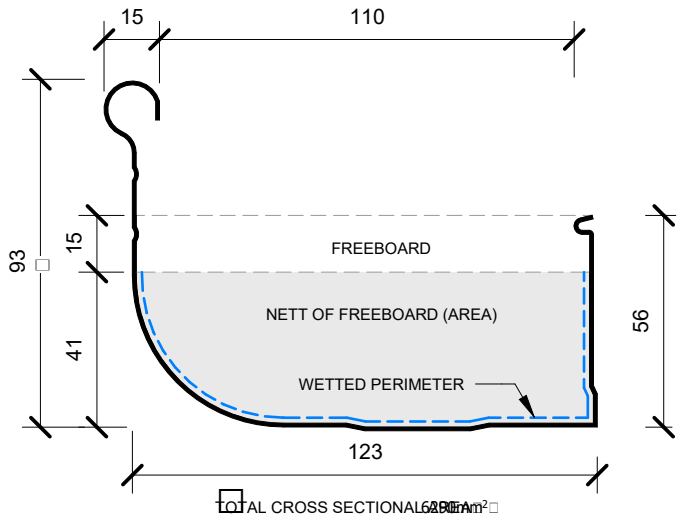
Colonial Quad Gutter

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **02**



TOTAL CROSS SECTIONAL AREA 6280mm²

NETT OF FREEBOARD 4514mm²

WETTED PERIMETER 180mm

TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)

MANUFACTURED IN AUCKLAND

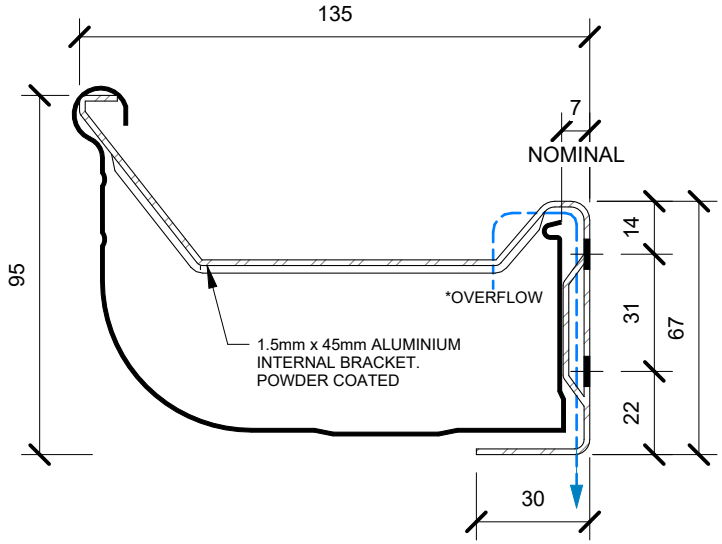
OVERFLOW WITH SOFFIT =

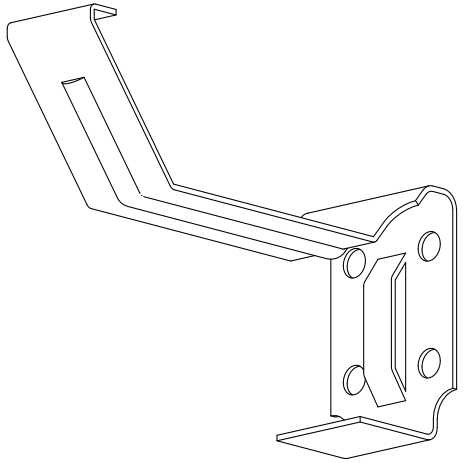
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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.





3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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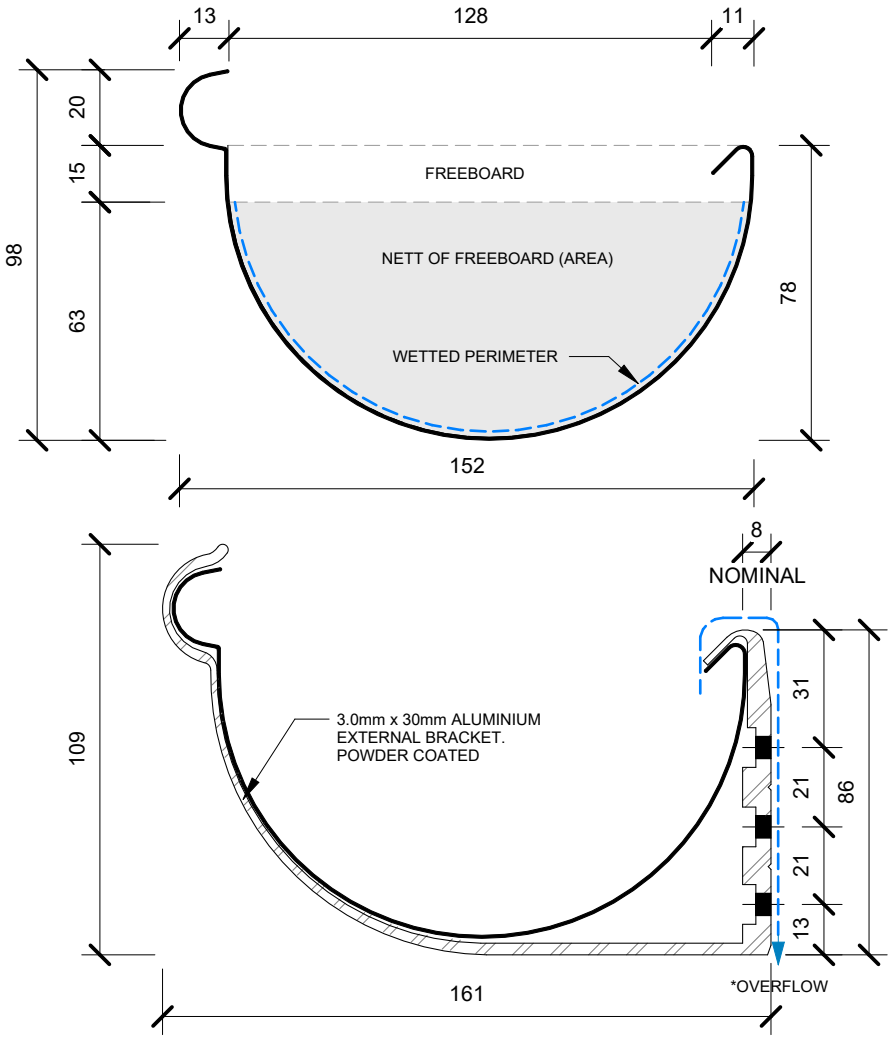
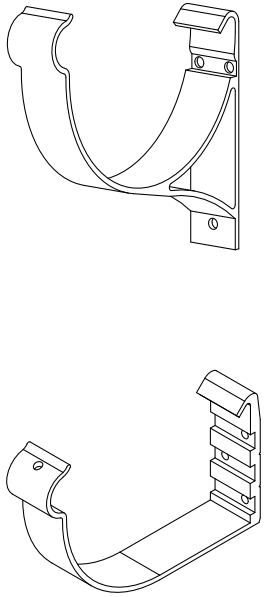
Quadline Gutter

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **03**



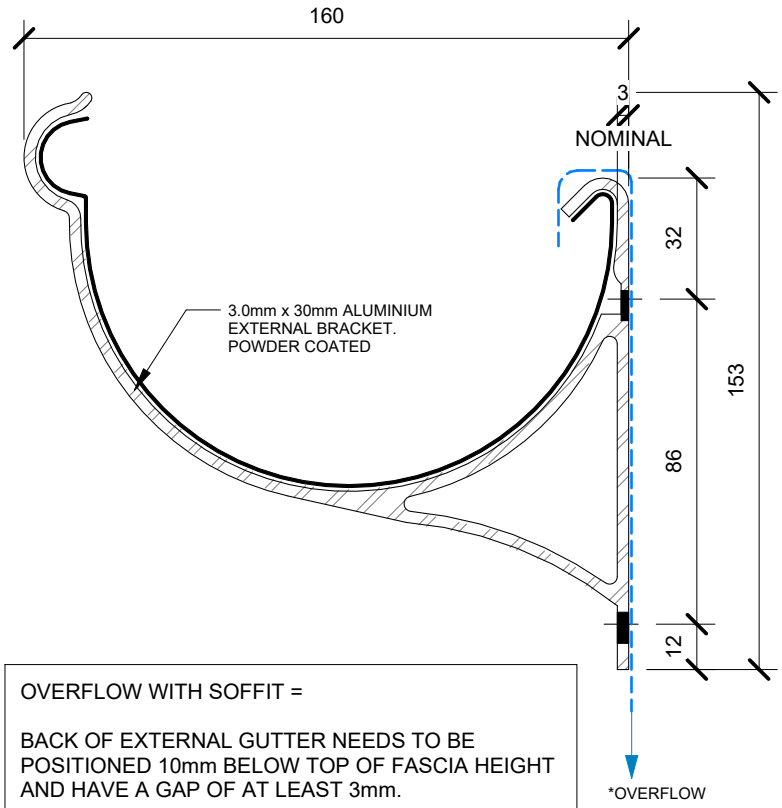


3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX
EXCEPT FOR SNOW LOAD AREAS
= 600MM MAX.

TOTAL CROSS SECTIONAL AREA	8272mm²
NETT OF FREEBOARD	6554mm²
WETTED PERIMETER	199mm

TOTAL CROSS SECTIONAL AREA
OF GUTTER ONLY TO BE USED
WHEN INSTALLED WITH
OVERFLOW (SEE TABLE)



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.

MANUFACTURED IN CHRISTCHURCH

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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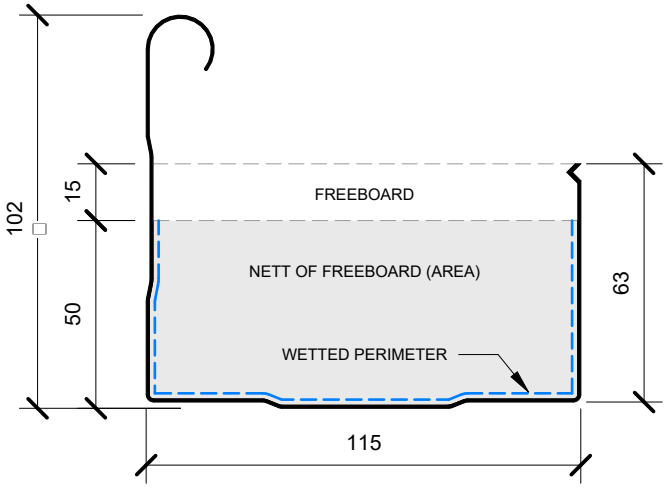
Half Round Gutter

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **04**

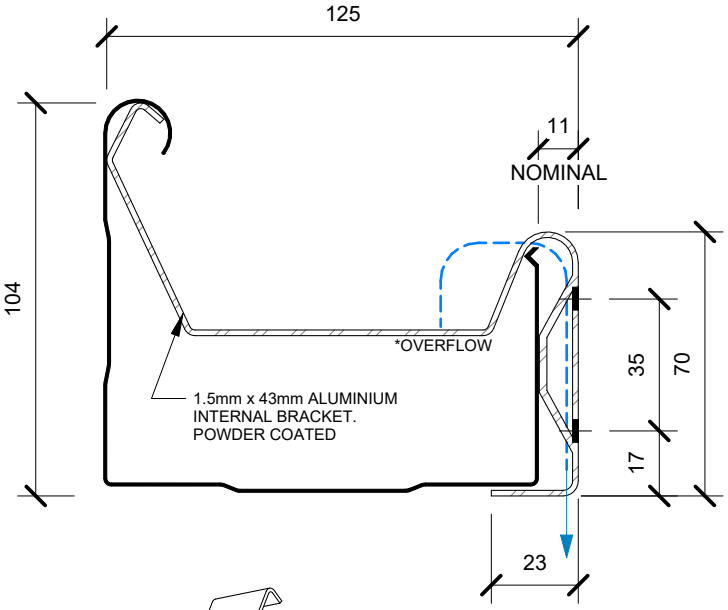


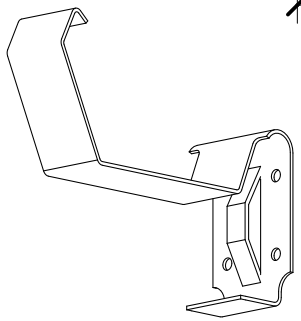
TOTAL CROSS SECTIONAL AREA 7285mm²

NETT OF FREEBOARD 5520mm²

WETTED PERIMETER 211mm

TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)





3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

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.

MANUFACTURED IN CHRISTCHURCH

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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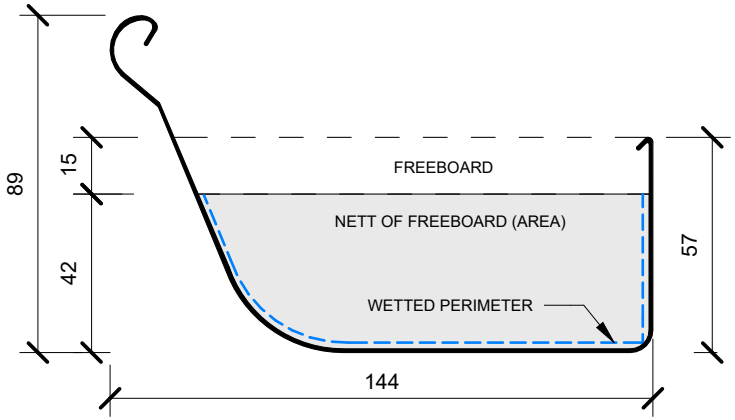
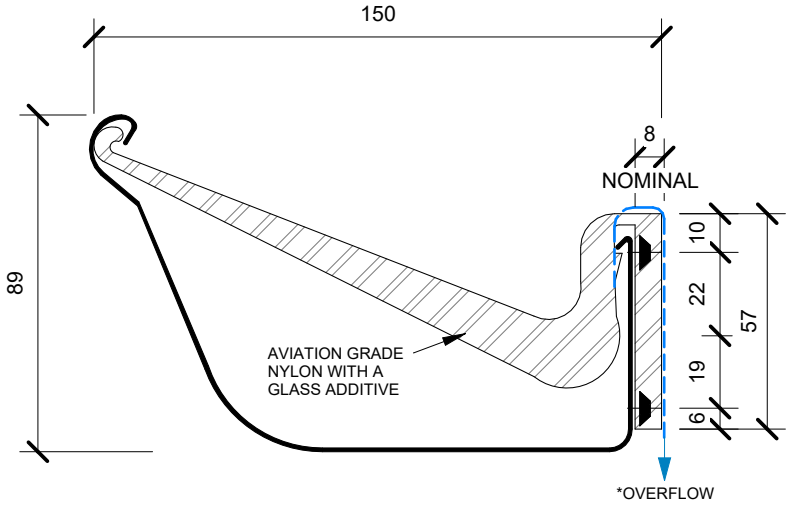
Squareline

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **05**





MANUFACTURED IN TAURANGA

OVERFLOW WITH SOFFIT =

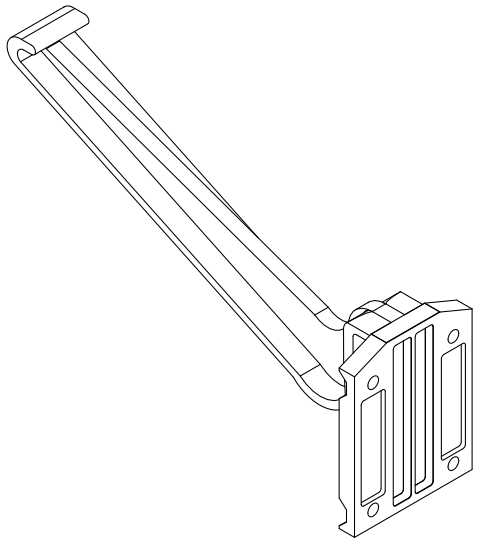
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

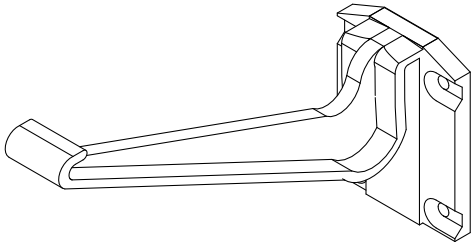
OVERFLOW WITH NO SOFFIT OVERHANG =

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.

TOTAL CROSS SECTIONAL AREA	6278mm²	TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)
NETT OF FREEBOARD	4443mm²	
WETTED PERIMETER	180mm	





3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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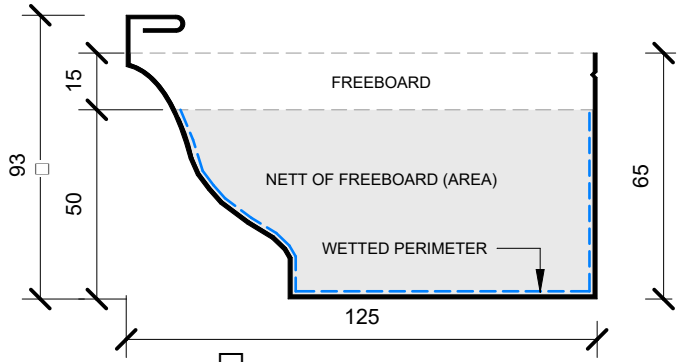
150 Quarter Round

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **06**



TOTAL CROSS SECTIONAL AREA 6388mm²

NETT OF FREEBOARD 4648mm²

WETTED PERIMETER 184mm

TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)

MANUFACTURED IN AUCKLAND

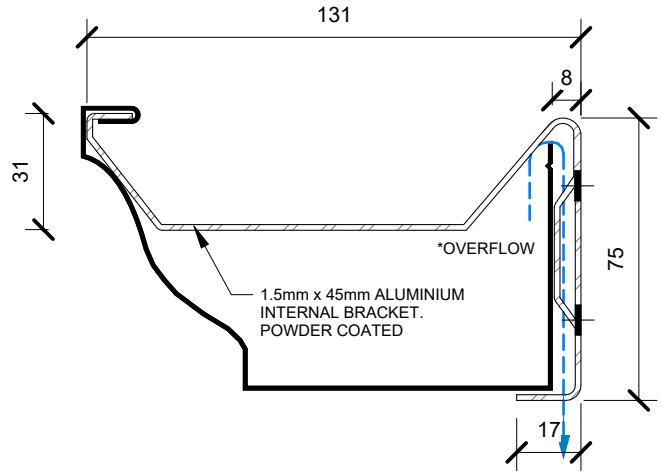
OVERFLOW WITH SOFFIT =

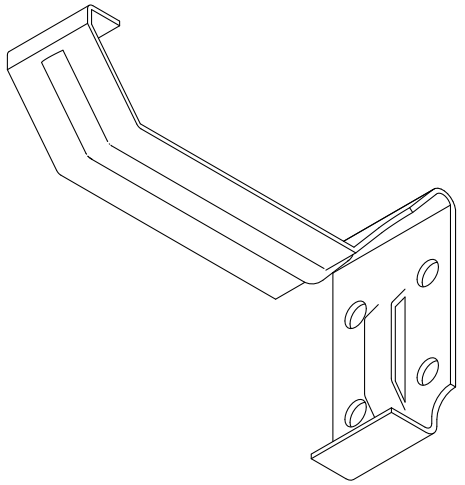
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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.





3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

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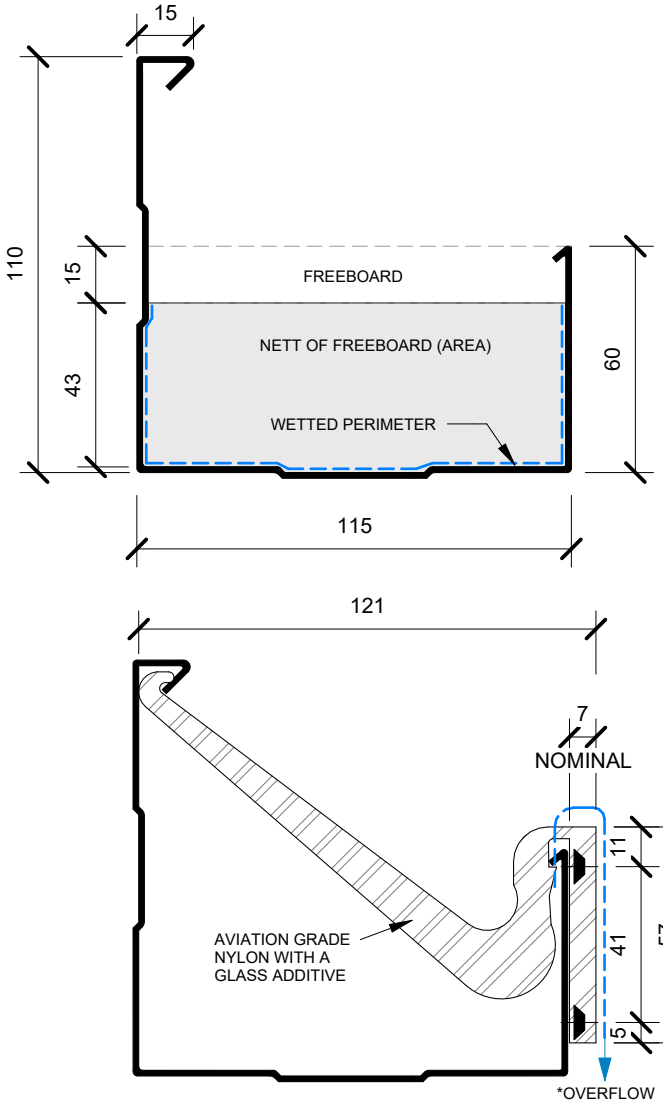
Old Gothic 125

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **07**



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.

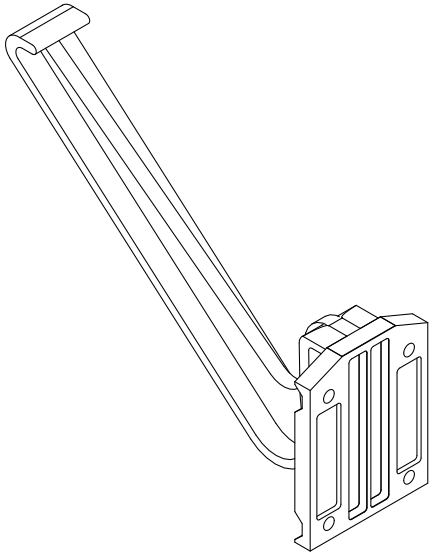
OVERFLOW WITH NO SOFFIT OVERHANG =

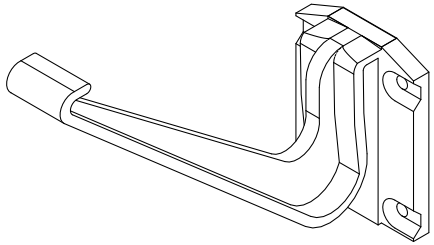
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

MANUFACTURED IN WELLINGTON

TOTAL CROSS SECTIONAL AREA	6906mm²	TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)
NETT OF FREEBOARD	4906mm²	
WETTED PERIMETER	195mm	





3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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Box Gutter 115

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **08**

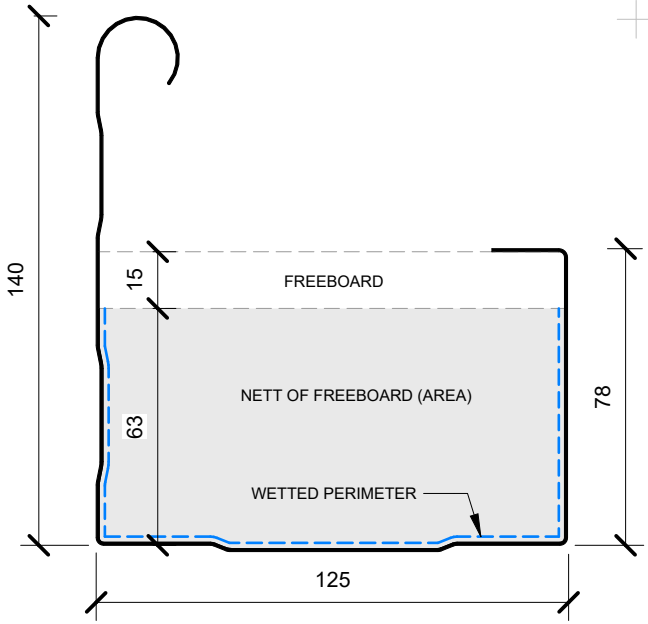
OVERFLOW WITH SOFFIT =

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.

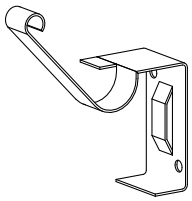


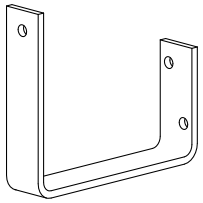
TOTAL CROSS SECTIONAL AREA 9756mm²

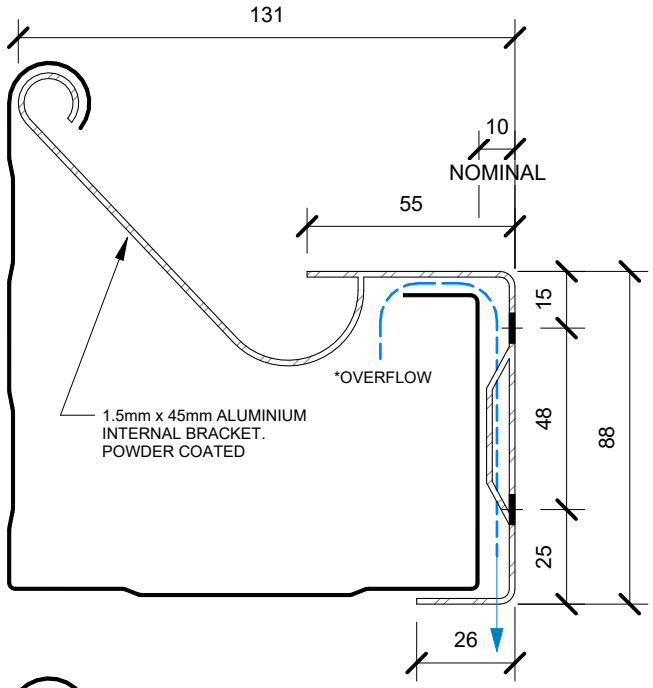
NETT OF FREEBOARD 7875mm²

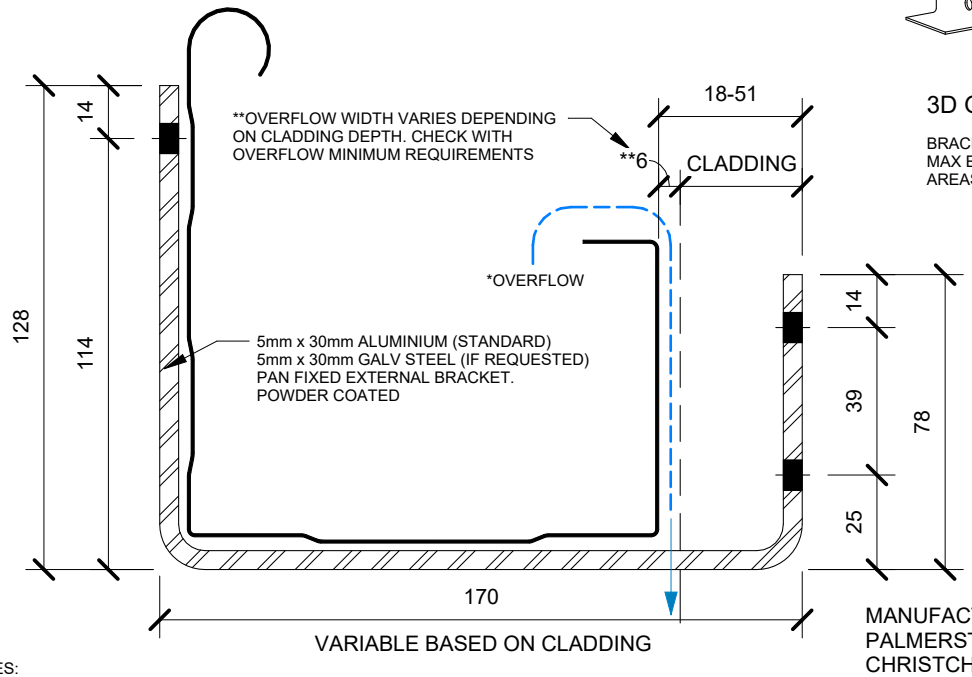
WETTED PERIMETER 251mm

TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)



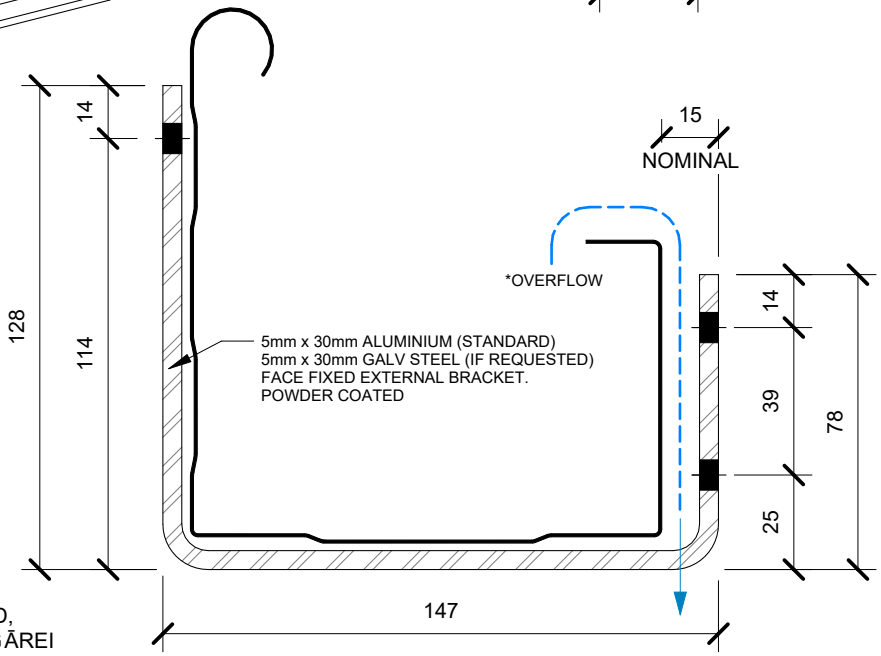






3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.



MANUFACTURED IN AUCKLAND, PALMERSTON NORTH, WHANGĀREI CHRISTCHURCH

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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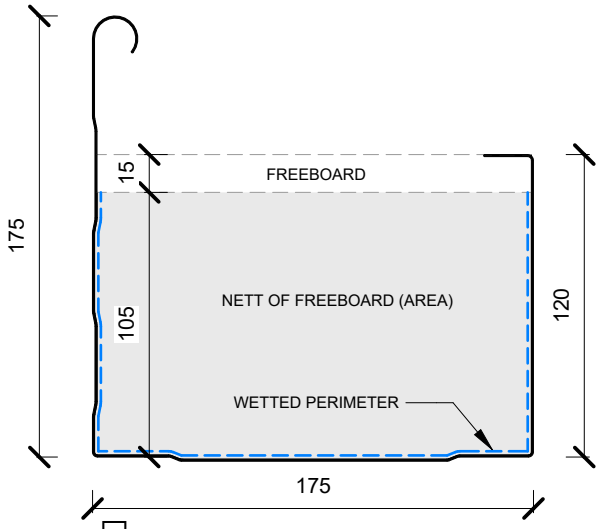
Box Gutter 125

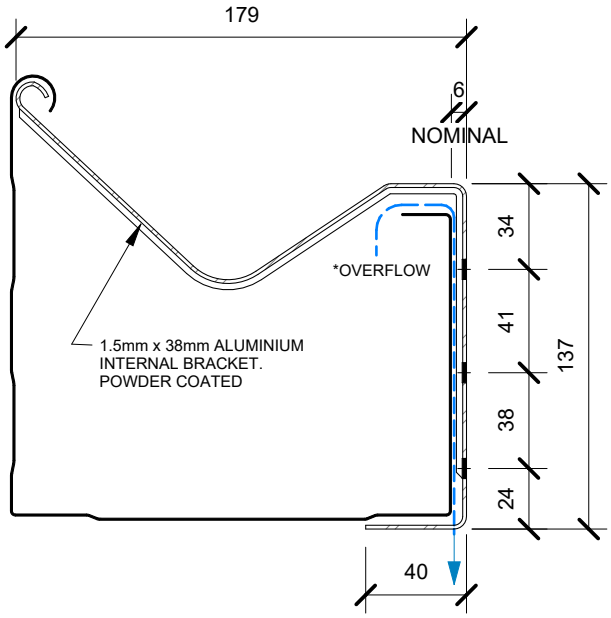
Reference MC Gutters | Date JUNE 2025 | Scale 1 : 2 @ A4 | Sheet 09

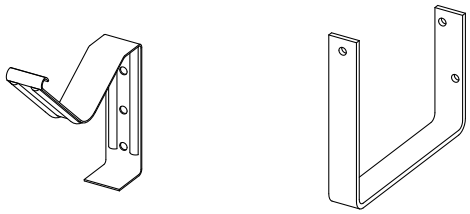


TOTAL CROSS SECTIONAL AREA 24000mm²

NETT OF FREEBOARD 18375mm²
WETTED PERIMETER 385mm

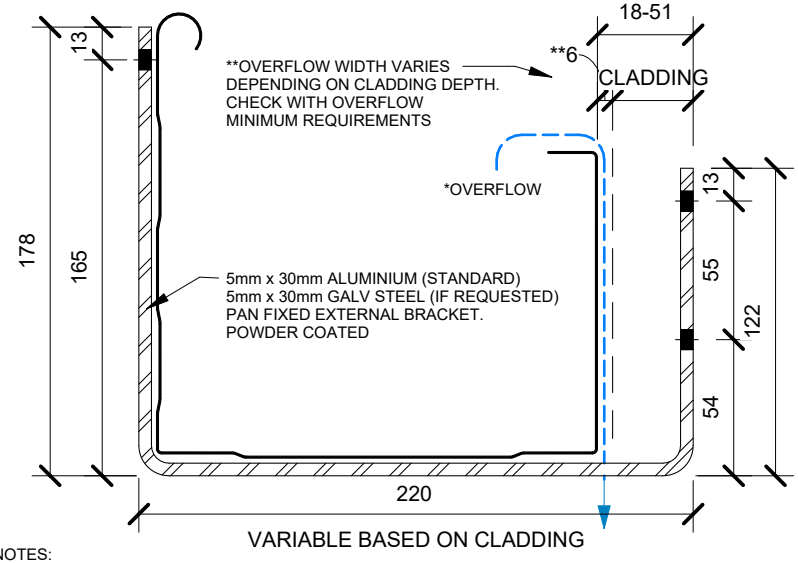
TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)



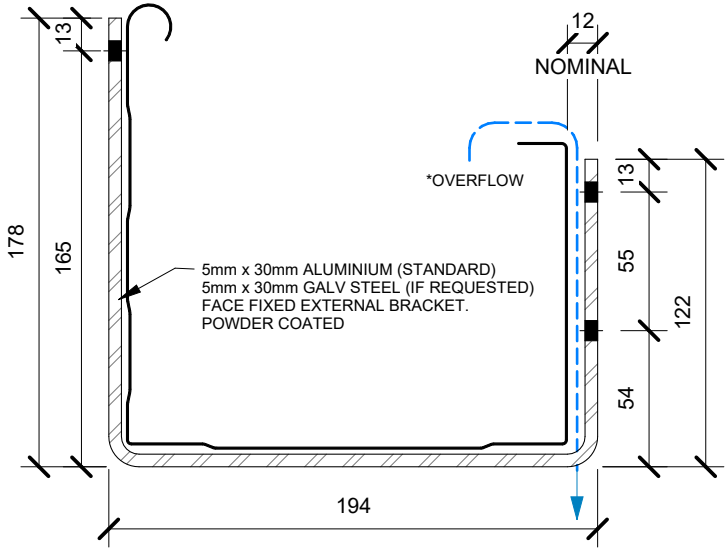


3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.



VARIABLE BASED ON CLADDING



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.

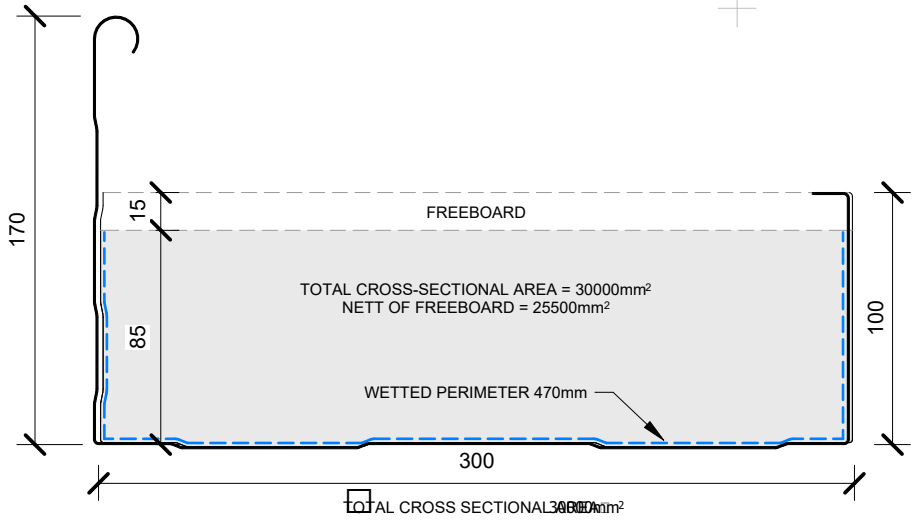
MANUFACTURED IN AUCKLAND, PALMERSTON NORTH, CHRISTCHURCH

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

Metalcraft Roofing
www.metalcraftgroup.co.nz

Box Gutter 175

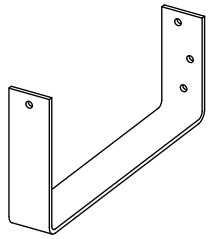
Reference MC Gutters Date JUNE 2025 Scale 1 : 3 @ A4 Sheet 10



TOTAL CROSS SECTIONAL AREA 30000mm²

NETT OF FREEBOARD 25500mm²
WETTED PERIMETER 470mm

TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)



3D GUTTER BRACKET

BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

OVERFLOW WITH SOFFIT =

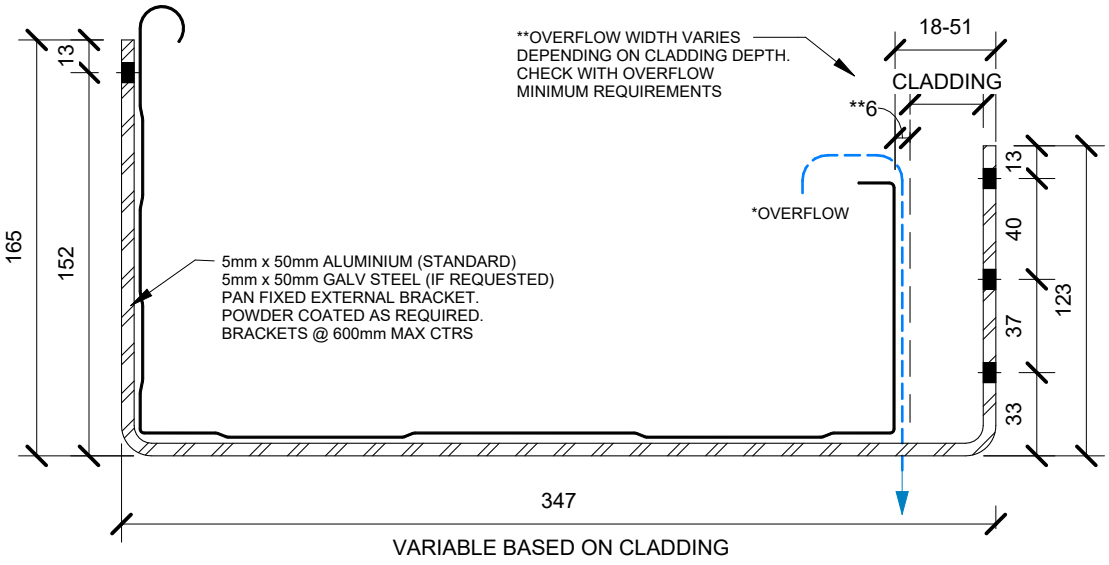
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

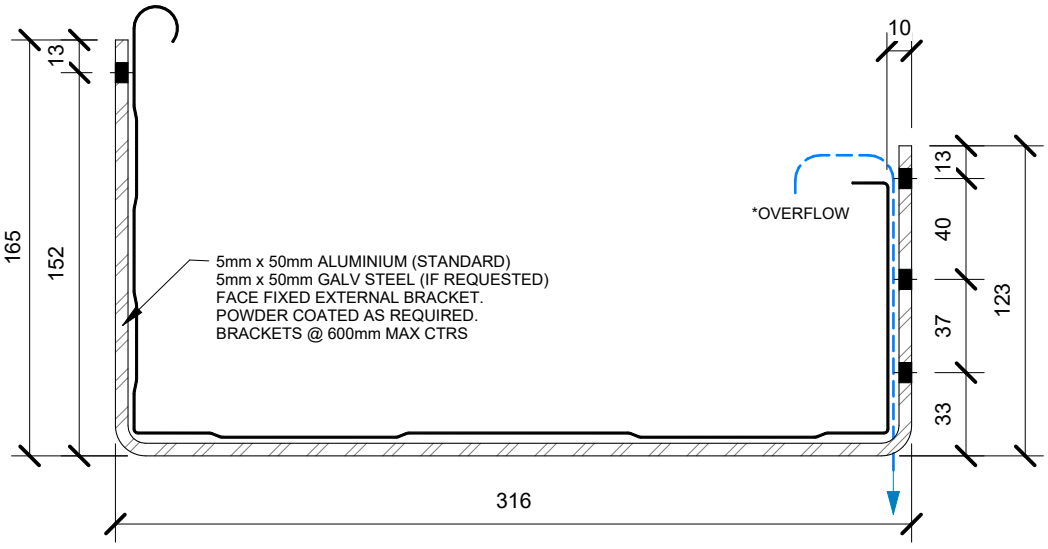
OVERFLOW WITH NO SOFFIT OVERHANG =

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.

MANUFACTURED IN AUCKLAND, PALMERSTON NORTH, CHRISTCHURCH





NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

Metalcraft Roofing
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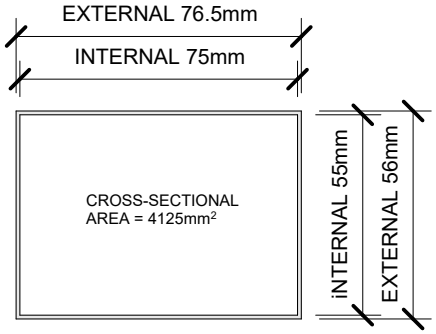
Box Gutter 300

Reference MC Gutters Date JUNE 2025 Scale 1 : 3 @ A4 Sheet 11



RECTANGULAR DOWNPIPE
INTERNAL - 75mmx55mm
EXTERNAL 76.5mmx56mm

RECTANGULAR DOWNPIPE

MANUFACTURED IN CHRISTCHURCH

80mm
INTERNAL - 79mm
EXTERNAL - 81.5mm

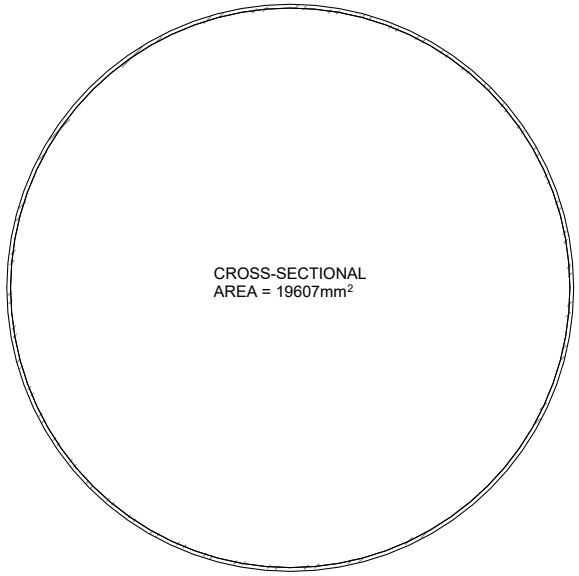
ROUND DOWNPIPE 80mm

MANUFACTURED IN CHRISTCHURCH, TAURANGA

100mm
INTERNAL - 101mm
EXTERNAL - 103mm

ROUND DOWNPIPE 100mm

MANUFACTURED IN CHRISTCHURCH, TAURANGA



150mm
INTERNAL - 158mm
EXTERNAL - 159.5mm

ROUND DOWNPIPE 150mm

MANUFACTURED IN CHRISTCHURCH

NOTES:
- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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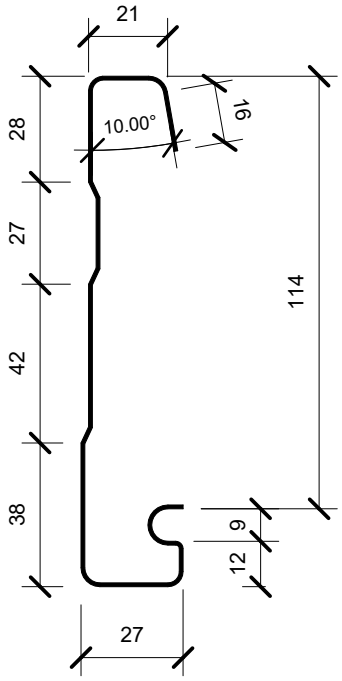
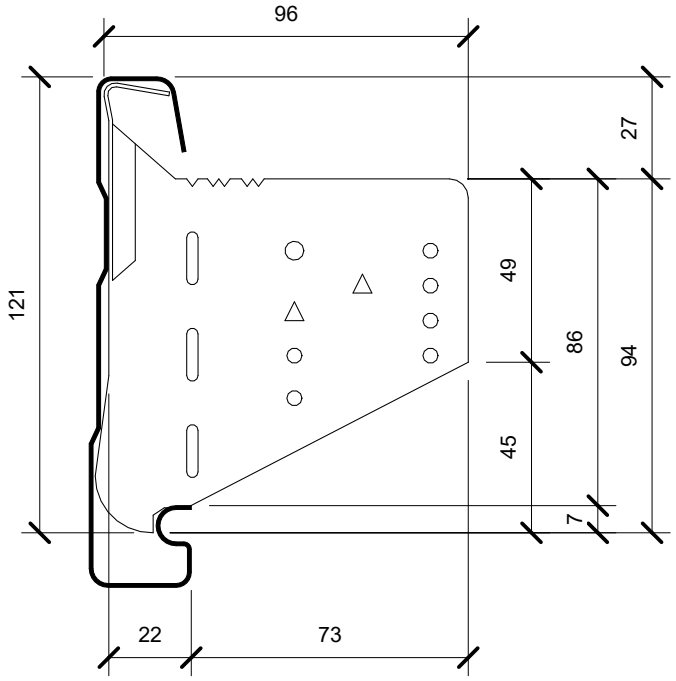
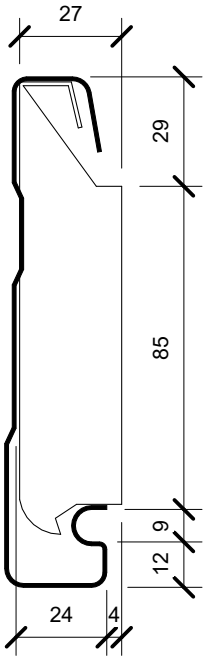


PROFILED DIMENTIONS

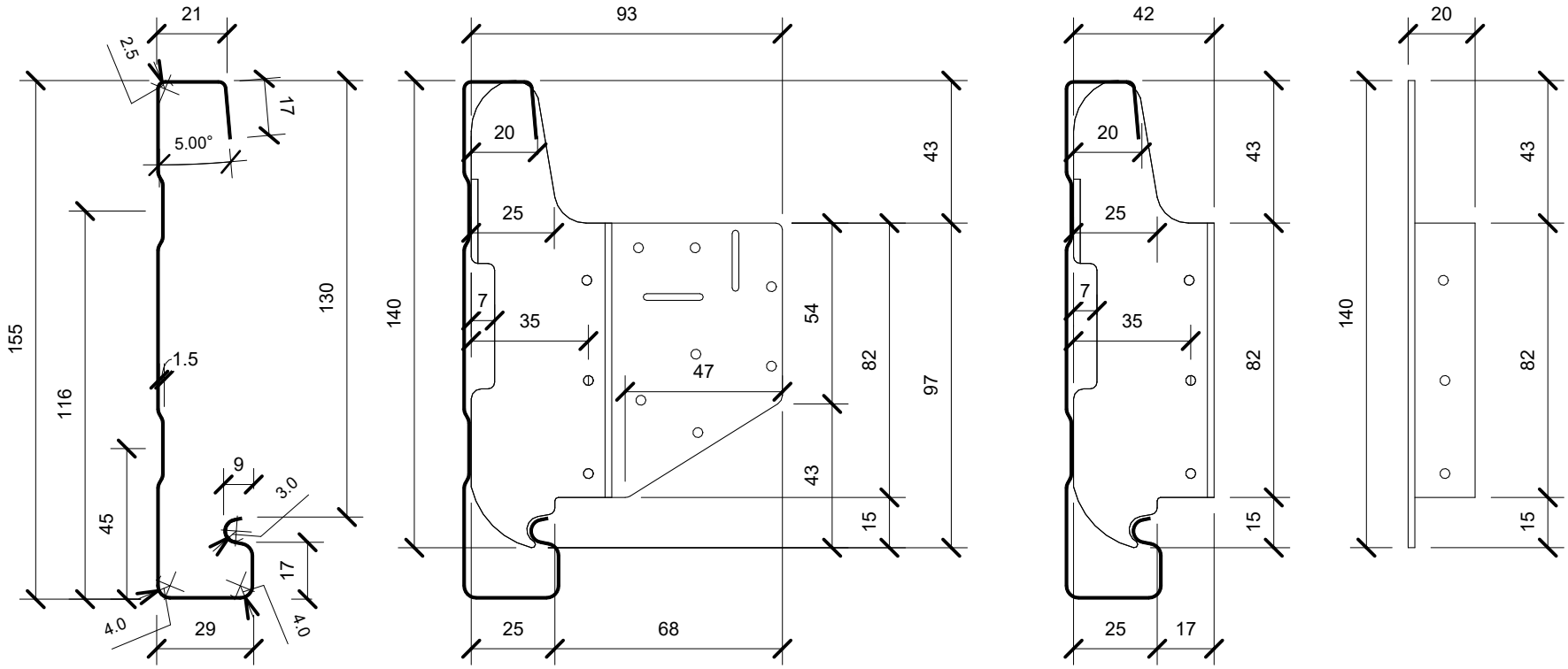


RAFTER BRACKET



GABLE END BRACKET

MANUFACTURED IN AUCKLAND



PROFILED DIMENTIONS **RAFTER BRACKET** **GABLE END BRACKET**

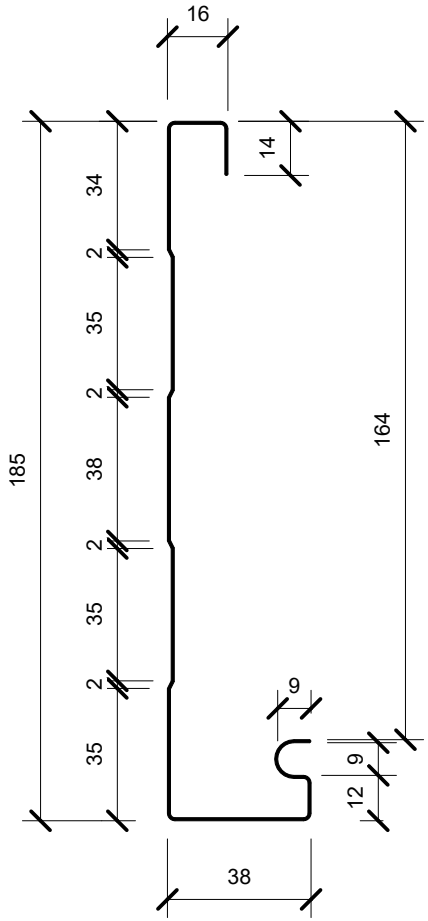
MANUFACTURED IN WELLINGTON, WHANGĀREI, TAURANGA

Metalcraft Roofing
www.metalcraftgroup.co.nz

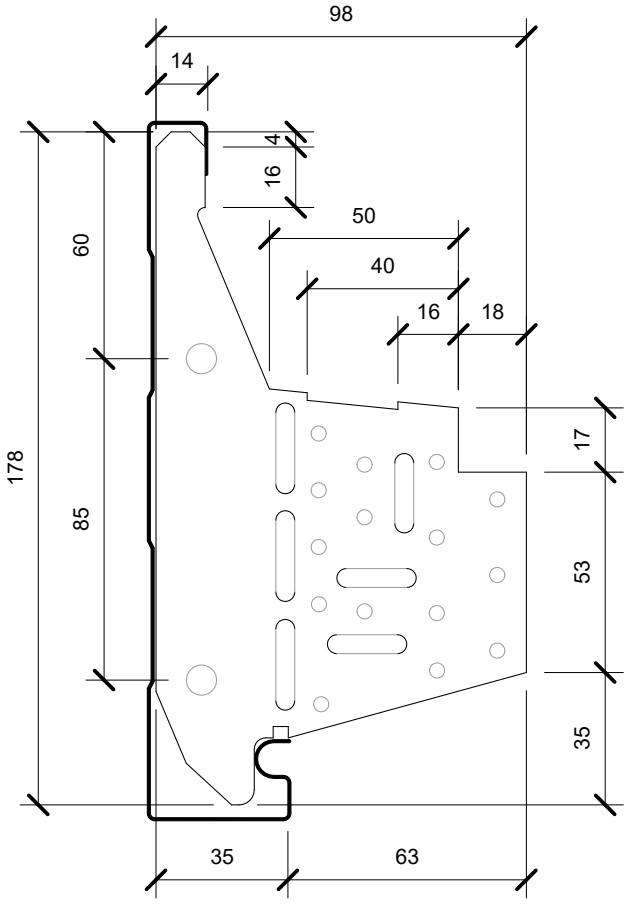
DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the NZMRM code of practice version, E2 and all other relevant building codes
Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility 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.

Metalline Fascia 155

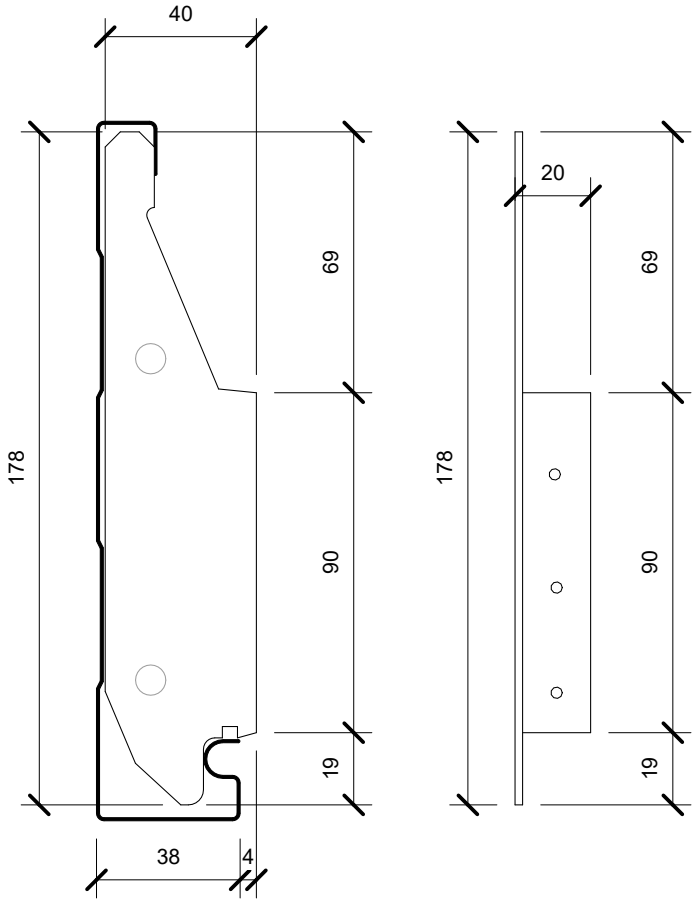
Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **14**



PROFILED DIMENTIONS



RAFTER BRACKET



GABLE END BRACKET

MANUFACTURED IN PALMERSTON NORTH, HAMILTON, CHRISTCHURCH, CROMWELL, NEW PLYMOUTH

Metalcraft Roofing
www.metalcraftgroup.co.nz

Metalline Fascia 185

Reference MC Gutters Date JUNE 2025 Scale 1 : 2 @ A4 Sheet **15**