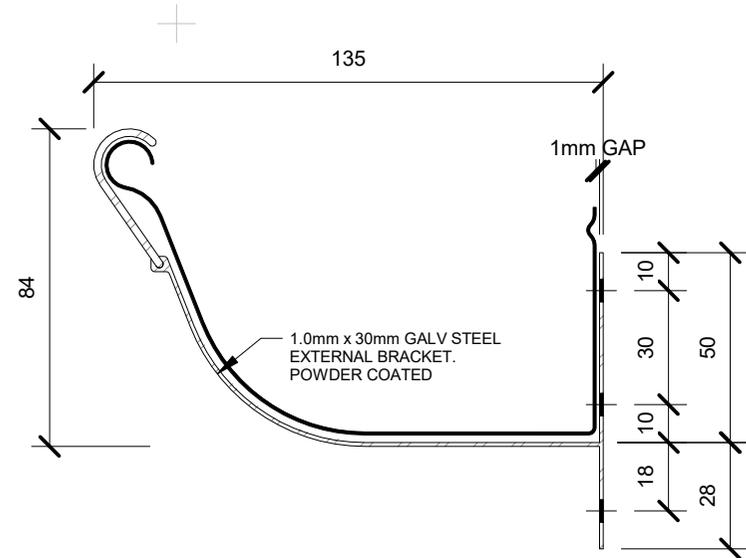
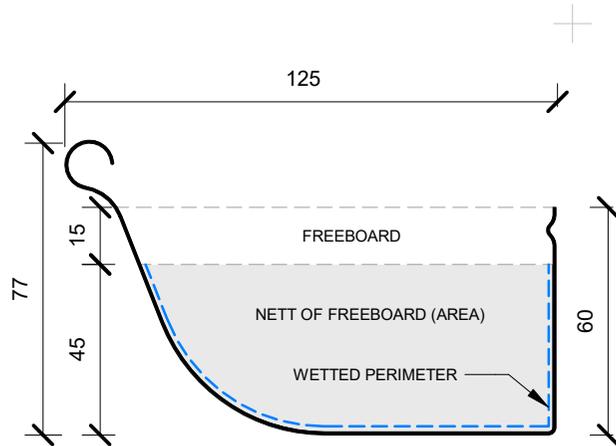


GUTTERS AND DOWNPIPES

GUTTERS AND DOWNPIPES

DETAIL LIST

		<u>Revision</u>	<u>Date</u>
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



TOTAL CROSS SECTIONAL AREA	5958mm ²
NETT OF FREEBOARD	4264mm ²
WETTED PERIMETER	181mm

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

OVERFLOW WITH SOFFIT =

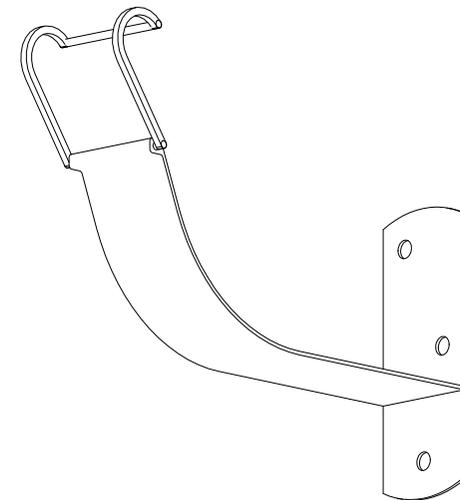
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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

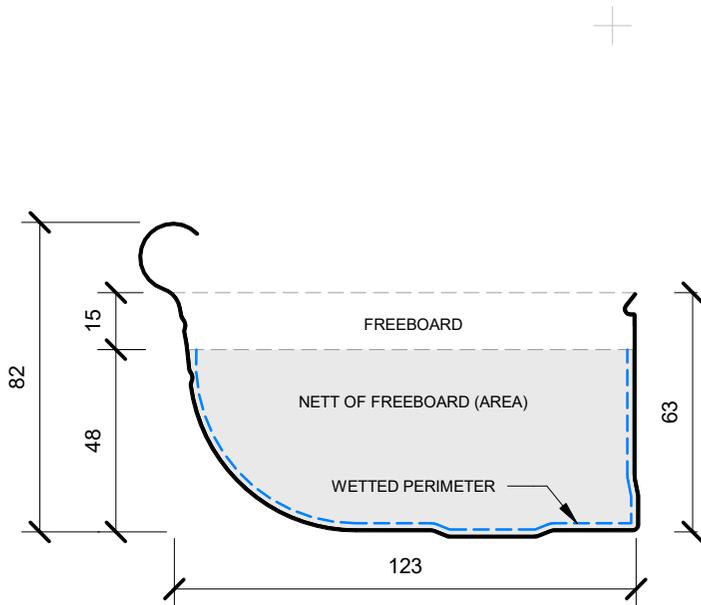
BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

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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TOTAL CROSS SECTIONAL AREA	6967mm ²
NETT OF FREEBOARD	5186mm ²
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 =

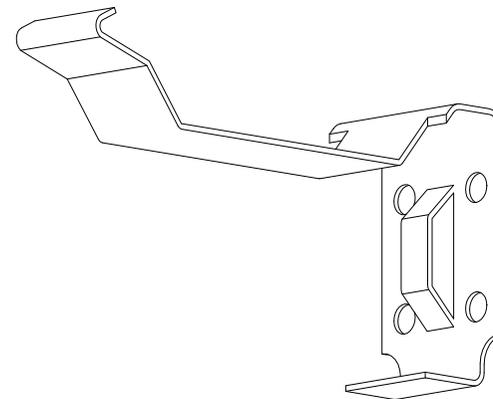
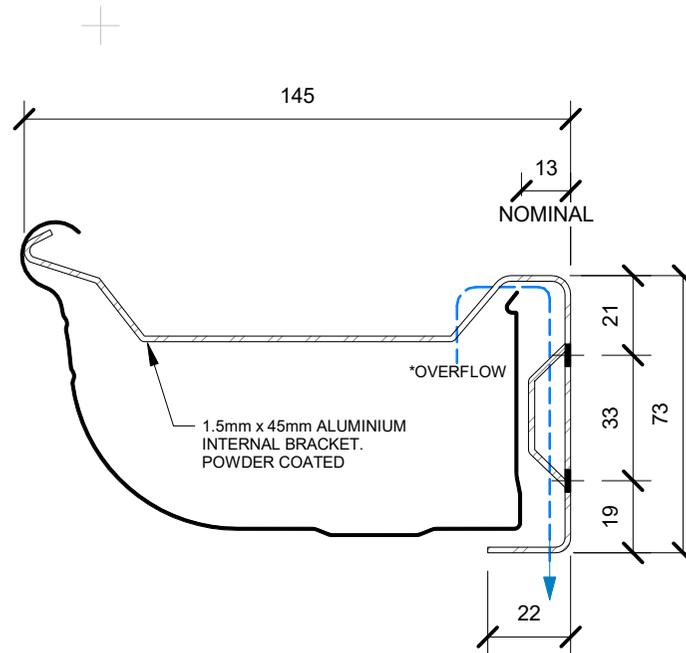
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

NOTES:

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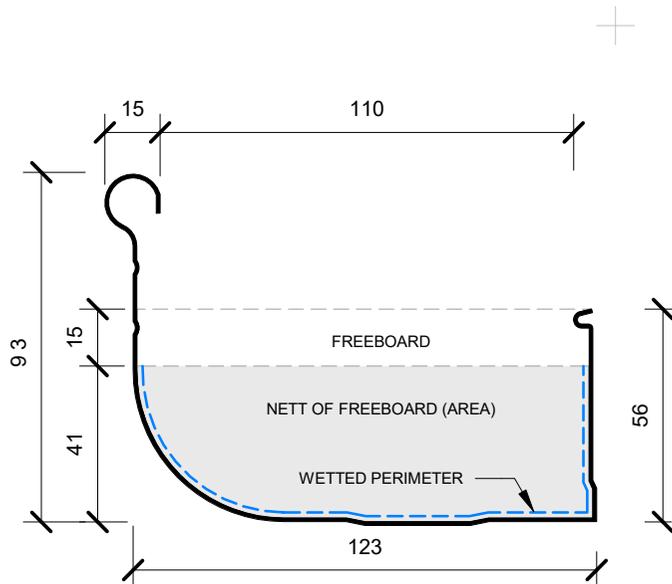
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*



3D GUTTER BRACKET

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

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TOTAL CROSS SECTIONAL AREA	6290mm ²
NETT OF FREEBOARD	4514mm ²
WETTED PERIMETER	180mm

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

MANUFACTURED IN AUCKLAND

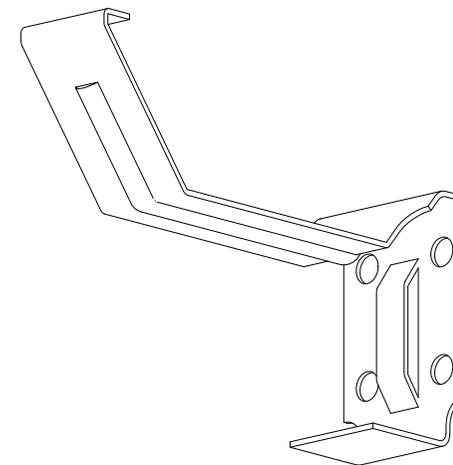
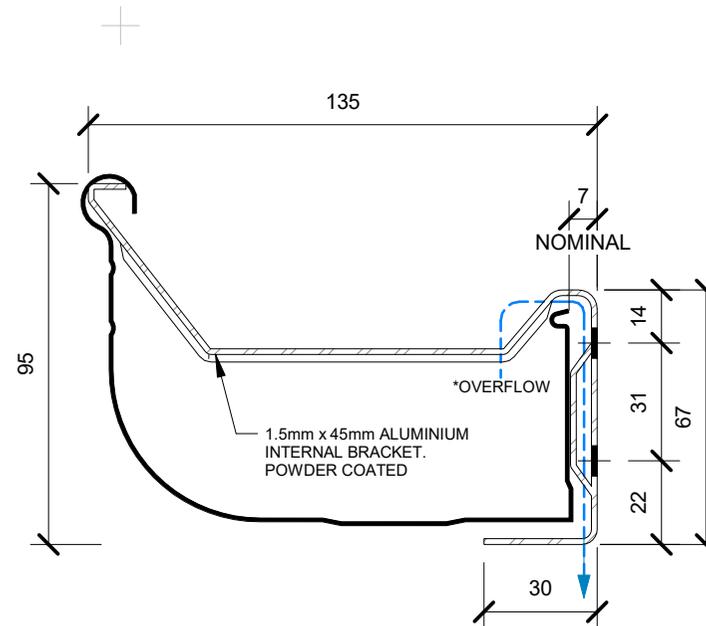
OVERFLOW WITH SOFFIT =

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.



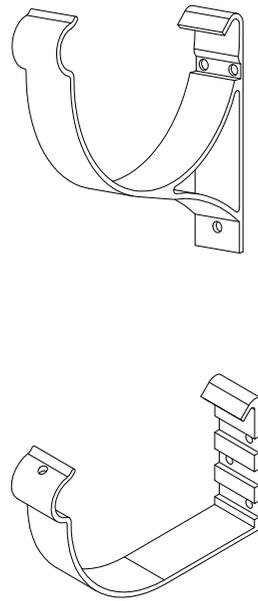
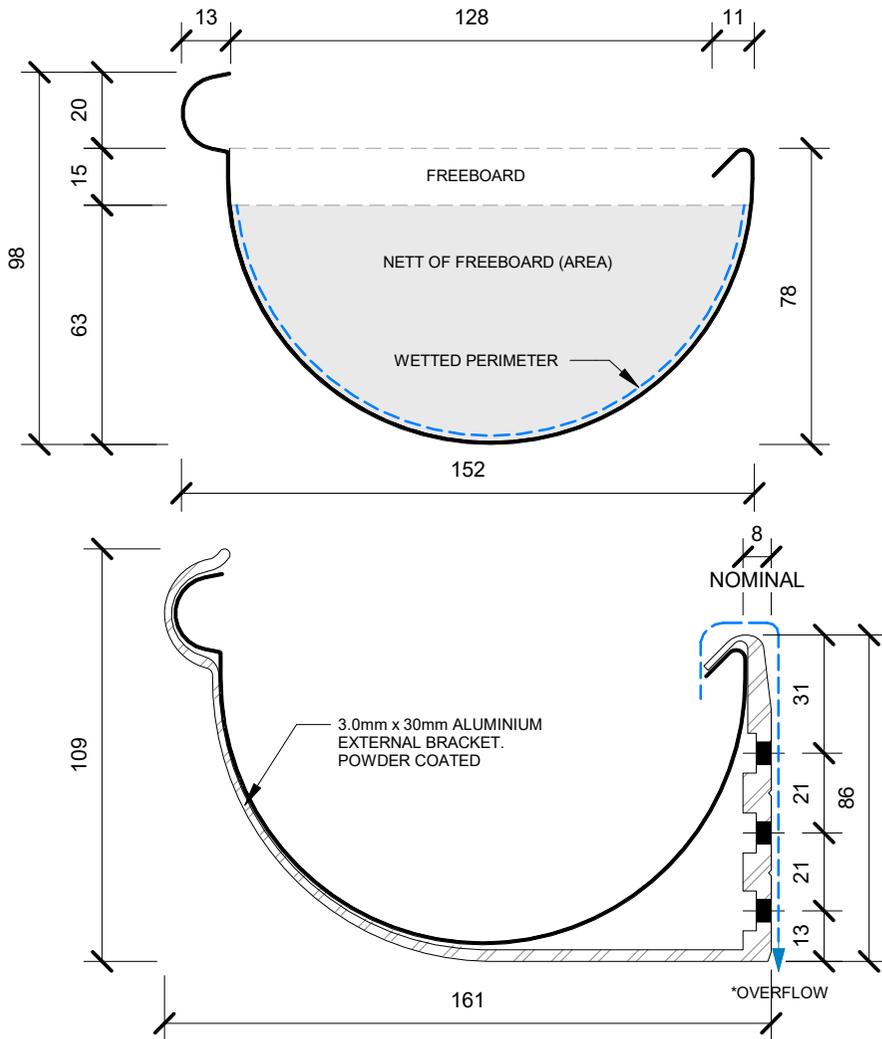
3D GUTTER BRACKET

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

NOTES:

- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL
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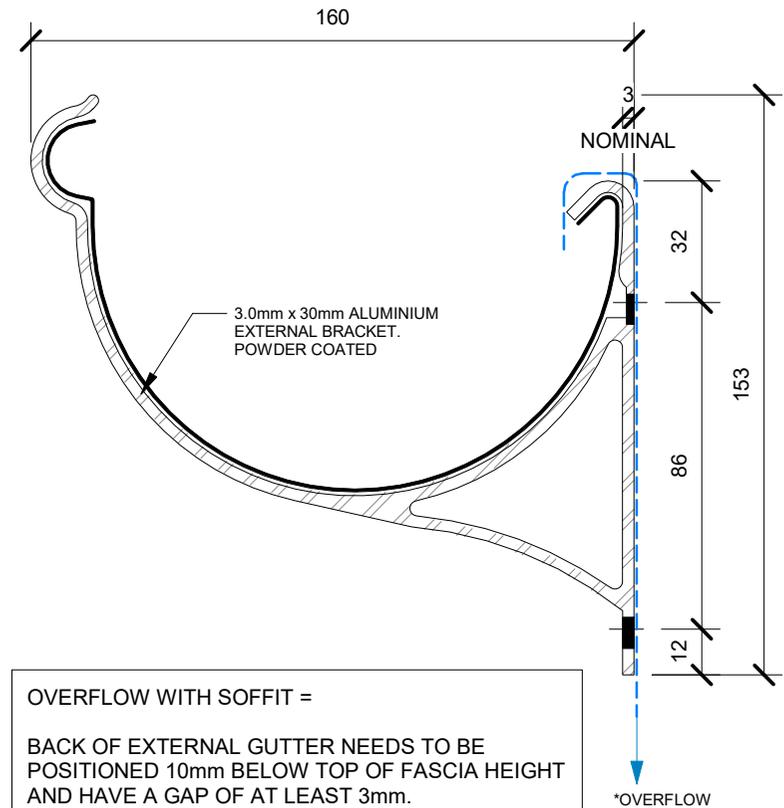


3D GUTTER BRACKET

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

TOTAL CROSS SECTIONAL AREA	8627mm ²
NETT OF FREEBOARD	6554mm ²
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

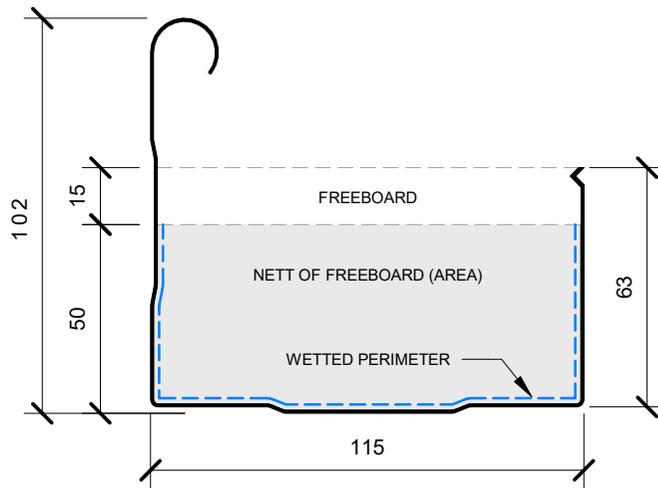
NOTES:

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TOTAL CROSS SECTIONAL AREA	7245mm ²
NETT OF FREEBOARD	5520mm ²
WETTED PERIMETER	211mm

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

OVERFLOW WITH SOFFIT =

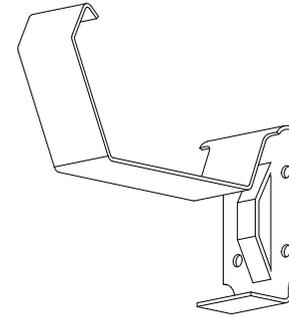
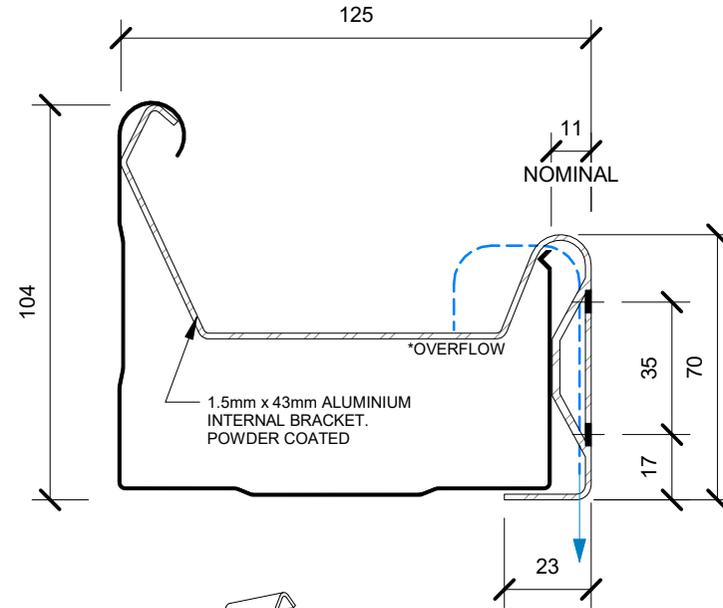
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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



3D GUTTER BRACKET

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

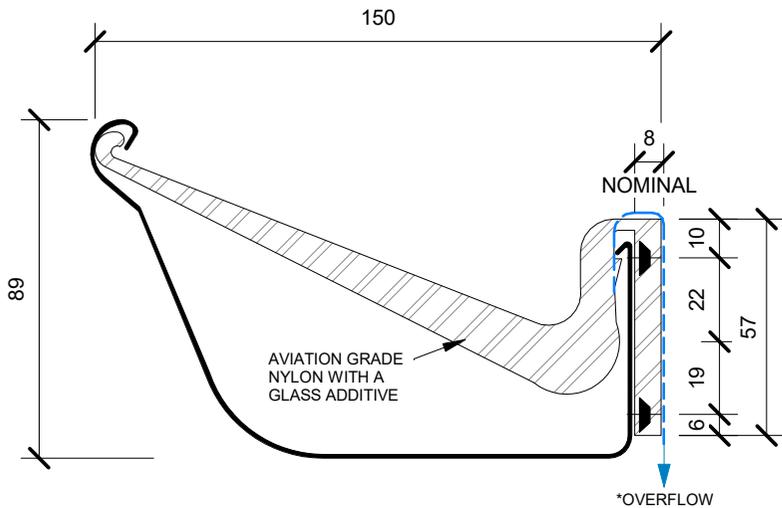
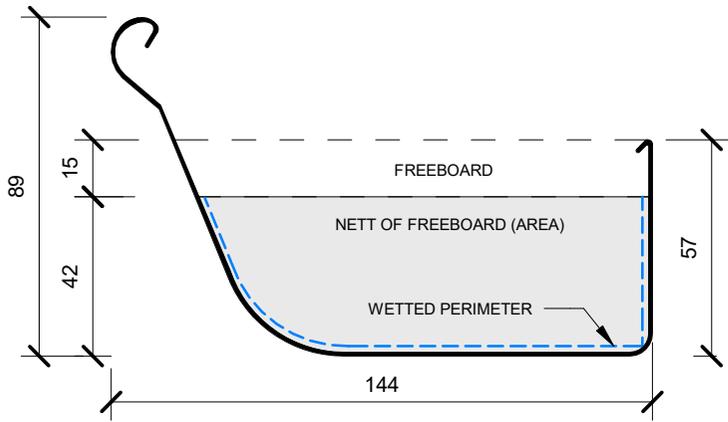
NOTES:

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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.

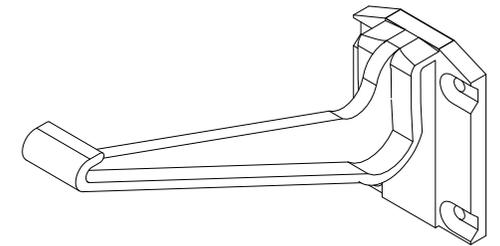
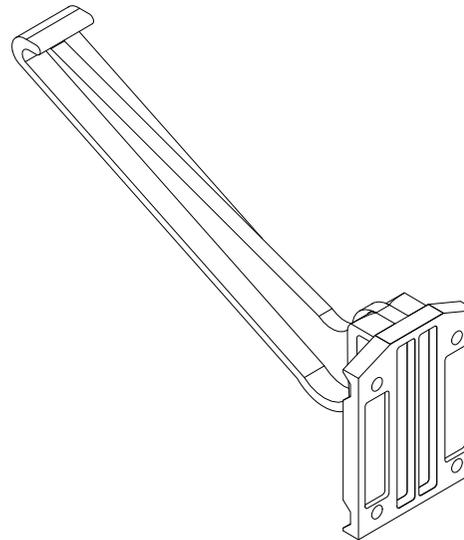
OVERFLOW WITH NO SOFFIT OVERHANG =

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	6278mm ²
NETT OF FREEBOARD	4443mm ²
WETTED PERIMETER	180mm

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



3D GUTTER BRACKET

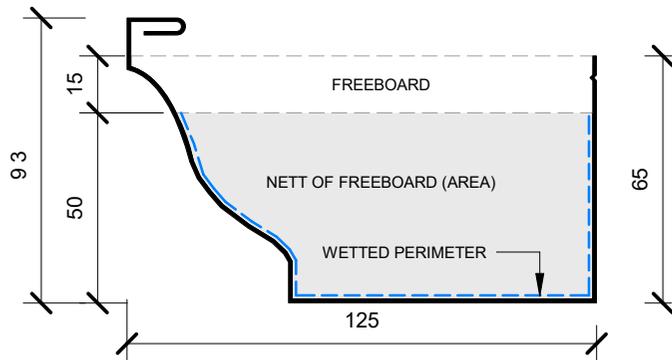
BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.

NOTES:

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TOTAL CROSS SECTIONAL AREA	6393mm ²
NETT OF FREEBOARD	4648mm ²
WETTED PERIMETER	184mm

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

MANUFACTURED IN AUCKLAND

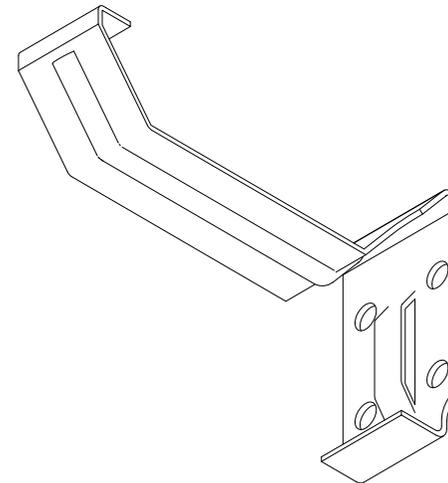
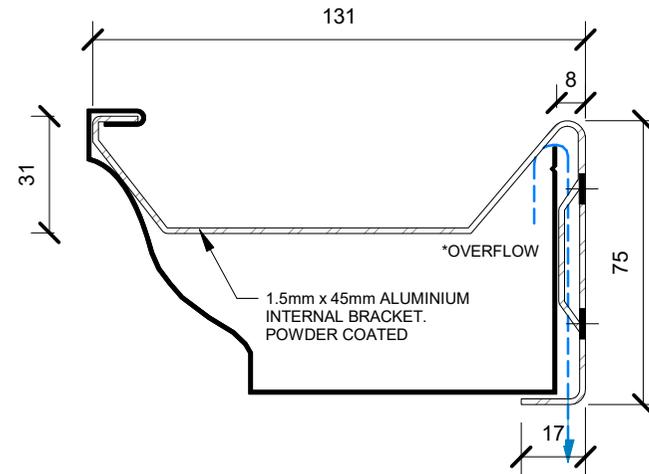
OVERFLOW WITH SOFFIT =

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 =

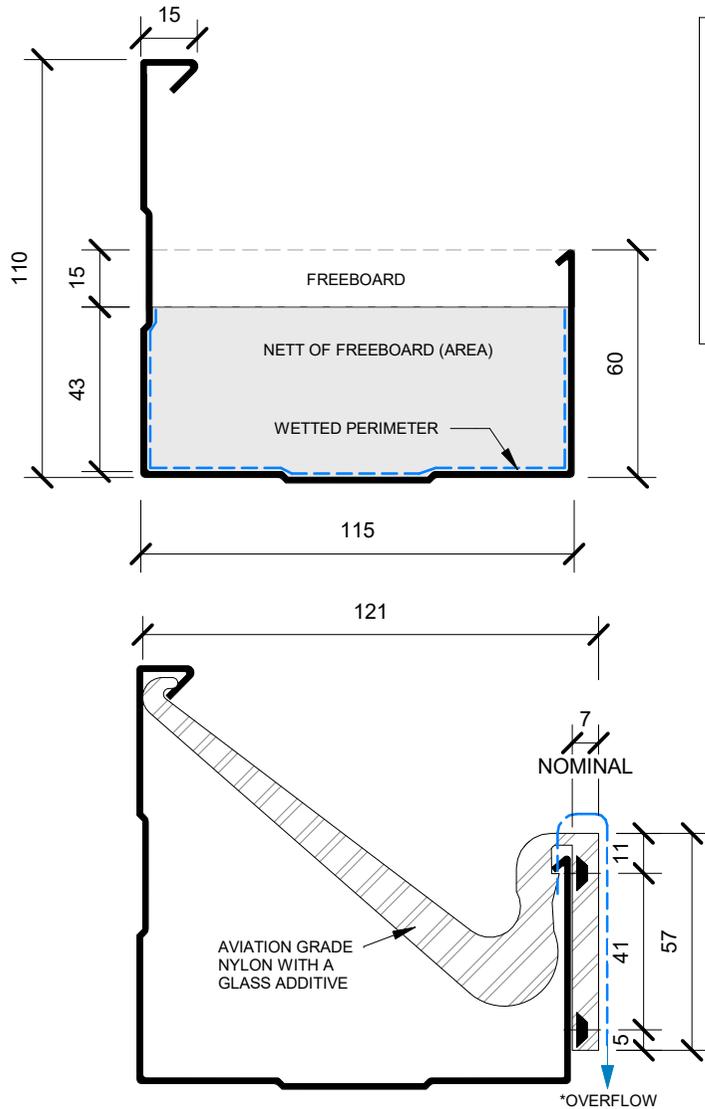
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

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.



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 =

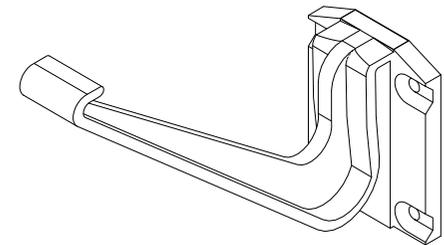
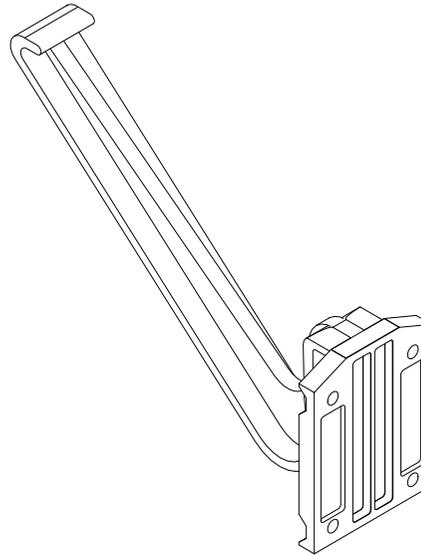
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

MANUFACTURED IN WELLINGTON

TOTAL CROSS SECTIONAL AREA	6090mm ²
NETT OF FREEBOARD	4906mm ²
WETTED PERIMETER	195mm

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

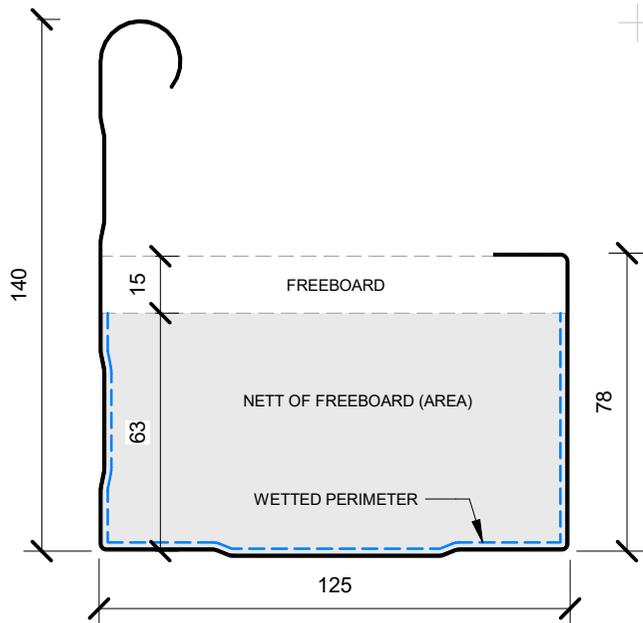


3D GUTTER BRACKET

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

NOTES:

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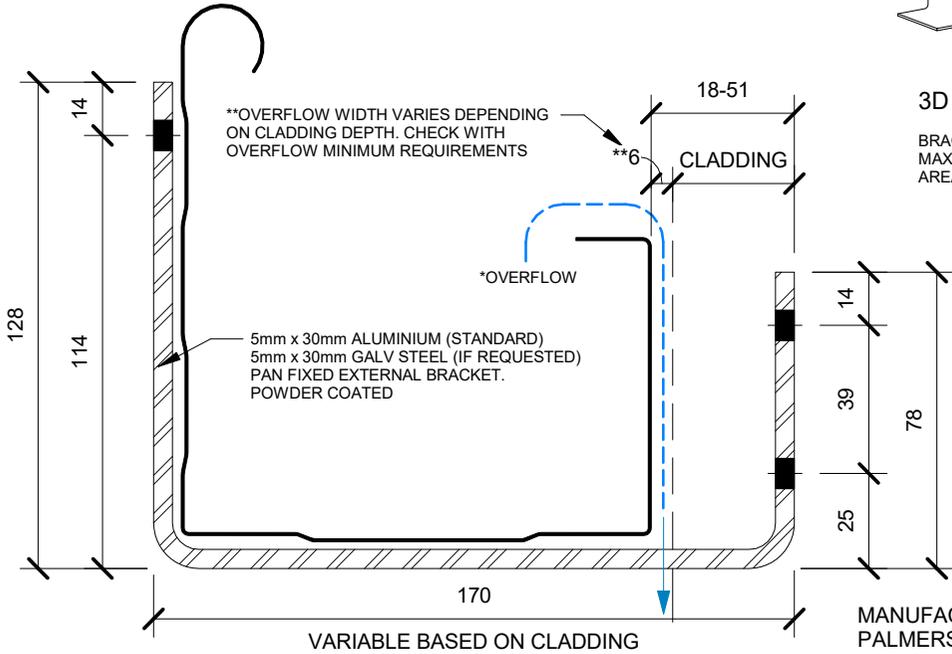
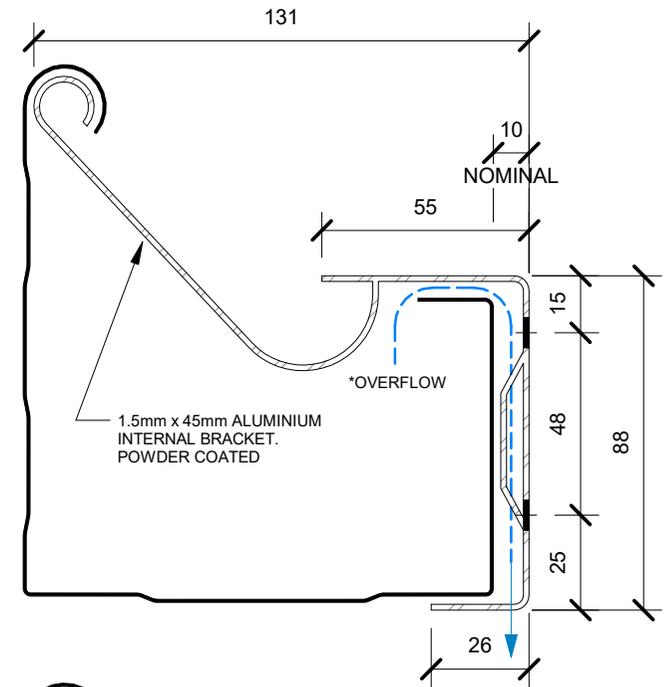
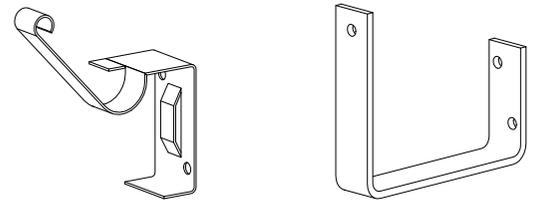


OVERFLOW WITH SOFFIT =
 BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

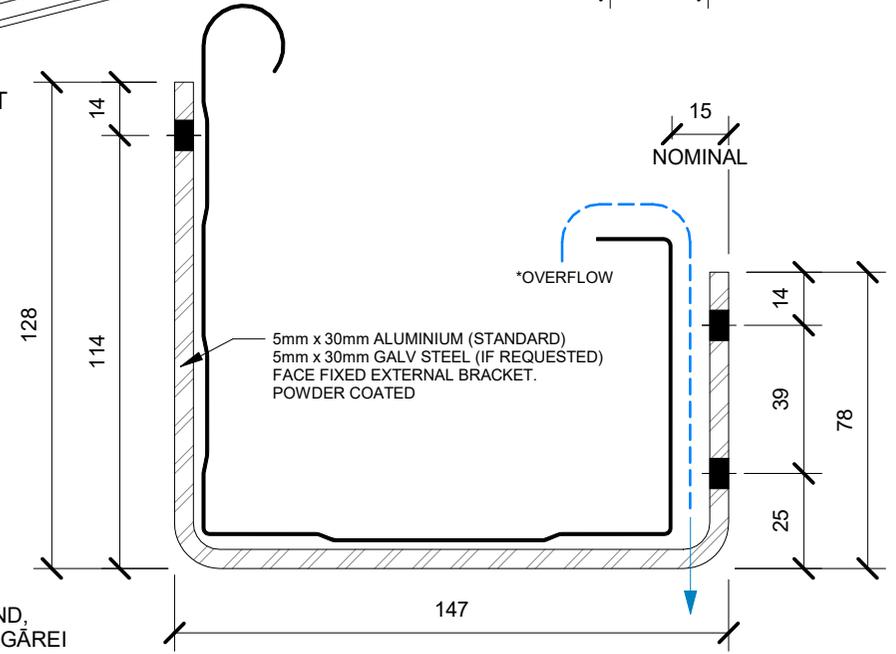
OVERFLOW WITH NO SOFFIT OVERHANG =
 BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.

AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

TOTAL CROSS SECTIONAL AREA	9750mm ²	TOTAL CROSS SECTIONAL AREA OF GUTTER ONLY TO BE USED WHEN INSTALLED WITH OVERFLOW (SEE TABLE)
NETT OF FREEBOARD	7875mm ²	
WETTED PERIMETER	251mm	

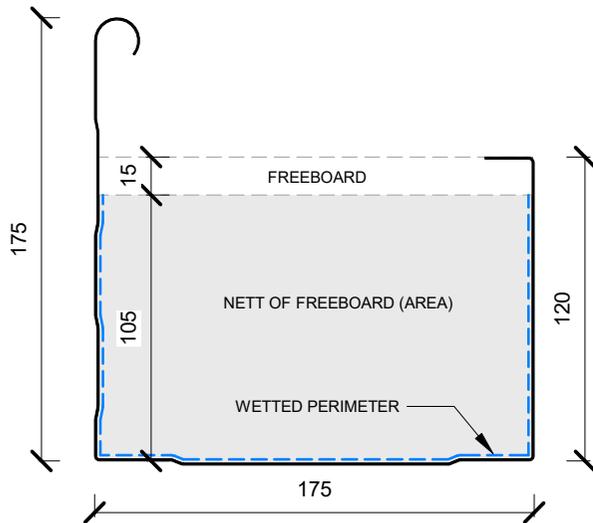


3D GUTTER BRACKET
 BRACKET SPACINGS 750MM MAX EXCEPT FOR SNOW LOAD AREAS = 600MM MAX.



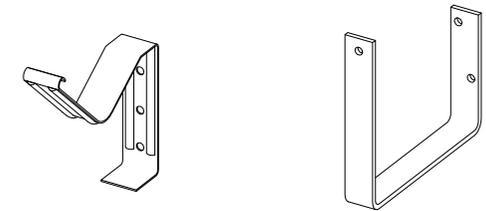
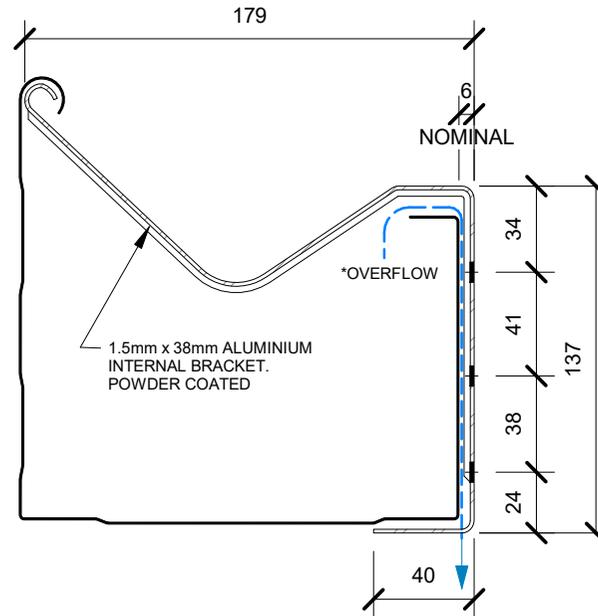
MANUFACTURED IN AUCKLAND, PALMERSTON NORTH, WHANGĀREI CHRISTCHURCH

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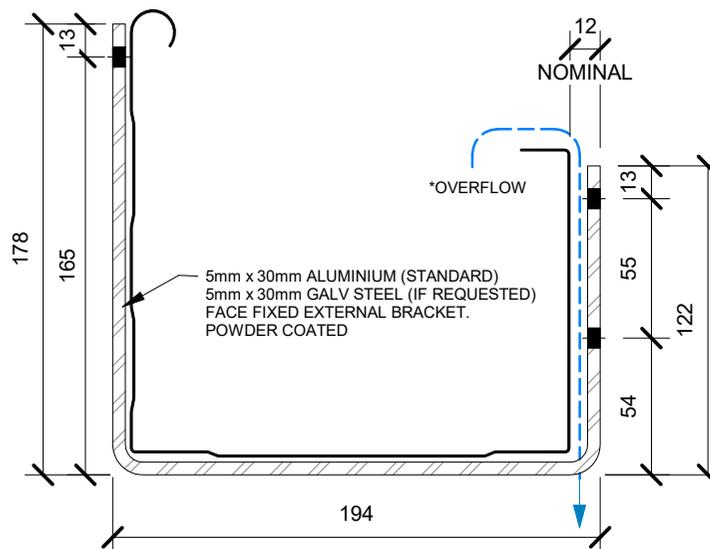
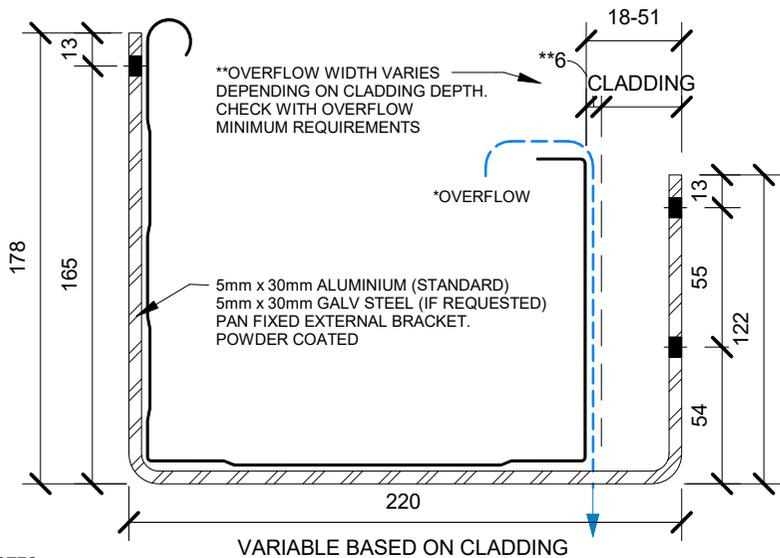
TOTAL CROSS SECTIONAL AREA	21000mm ²
NETT OF FREEBOARD	18375mm ²
WETTED PERIMETER	385mm

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.



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.

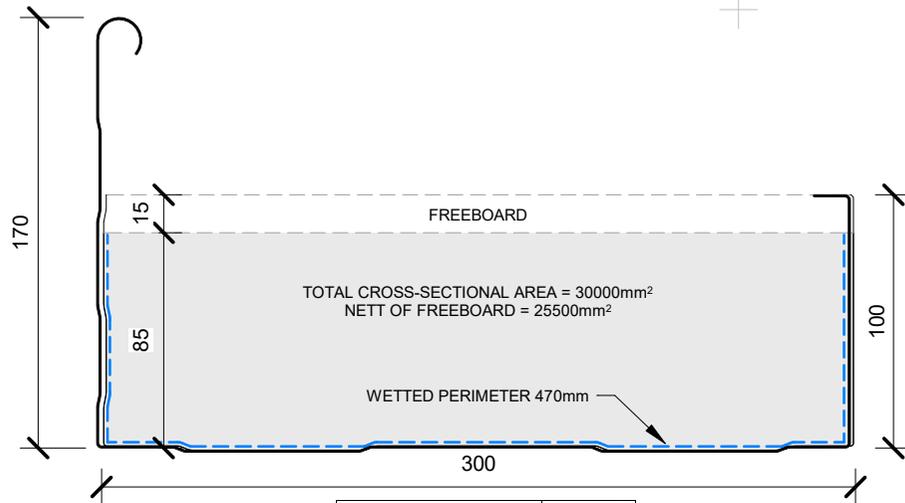
OVERFLOW WITH NO SOFFIT OVERHANG =
 BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 10mm.
 AS PER SECTION 5.3.2.3B OF THE NZ MRM COP.

MANUFACTURED IN AUCKLAND, PALMERSTON NORTH, CHRISTCHURCH

NOTES:

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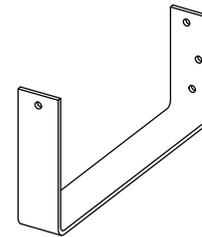


TOTAL CROSS-SECTIONAL AREA = 30000mm²
 NETT OF FREEBOARD = 25500mm²

WETTED PERIMETER 470mm

TOTAL CROSS SECTIONAL AREA	30000mm ²
NETT OF FREEBOARD	25500mm ²
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 =

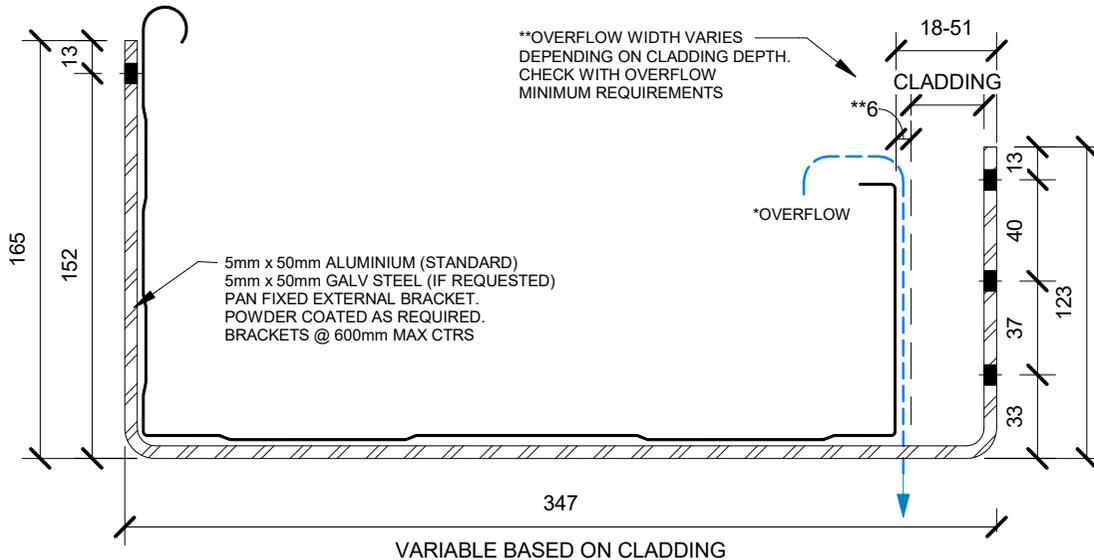
BACK OF EXTERNAL GUTTER NEEDS TO BE POSITIONED 10mm BELOW TOP OF FASCIA HEIGHT AND HAVE A GAP OF AT LEAST 3mm.

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.

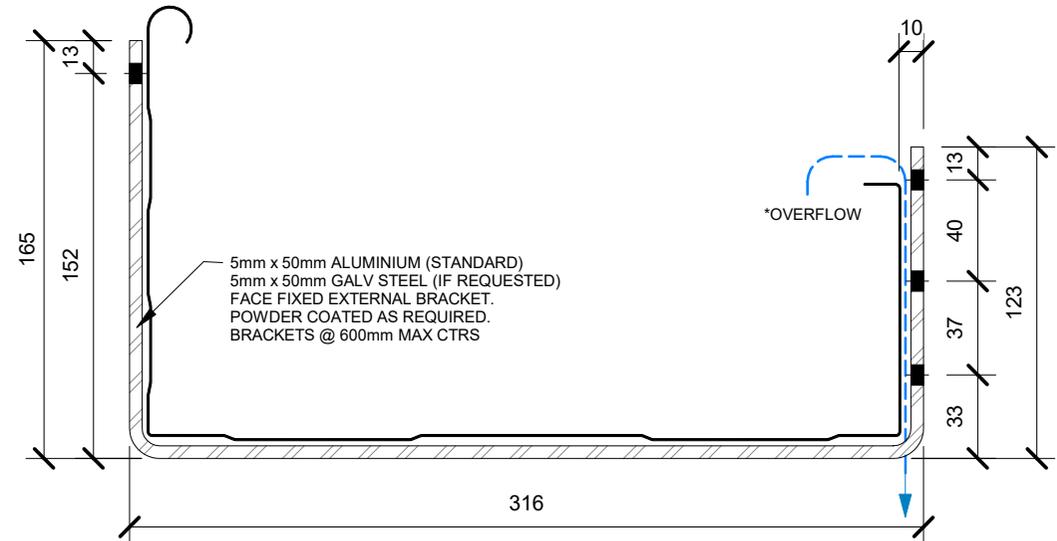
MANUFACTURED IN AUCKLAND, PALMERSTON NORTH, CHRISTCHURCH



**OVERFLOW WIDTH VARIES DEPENDING ON CLADDING DEPTH. CHECK WITH OVERFLOW MINIMUM REQUIREMENTS

5mm x 50mm ALUMINIUM (STANDARD)
 5mm x 50mm GALV STEEL (IF REQUESTED)
 PAN FIXED EXTERNAL BRACKET.
 POWDER COATED AS REQUIRED.
 BRACKETS @ 600mm MAX CTRS

VARIABLE BASED ON CLADDING



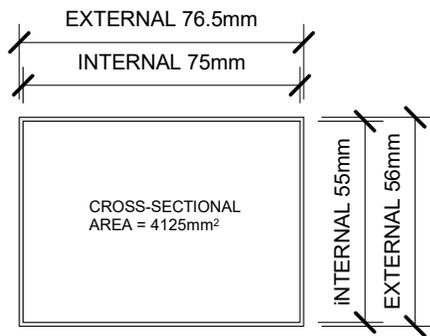
5mm x 50mm ALUMINIUM (STANDARD)
 5mm x 50mm GALV STEEL (IF REQUESTED)
 FACE FIXED EXTERNAL BRACKET.
 POWDER COATED AS REQUIRED.
 BRACKETS @ 600mm MAX CTRS

NOTES:

- ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITH MATERIAL

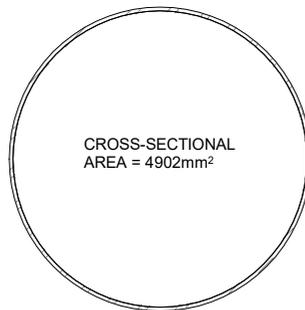
- *THE OVERFLOW SHOULD HAVE ADEQUATE CAPACITY. THE OVERFLOW OF THE GUTTER NEEDS TO BE CONSIDERED WHEN DESIGNING AND INSTALLING THE METALCRAFT ROOFING GUTTER*

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.



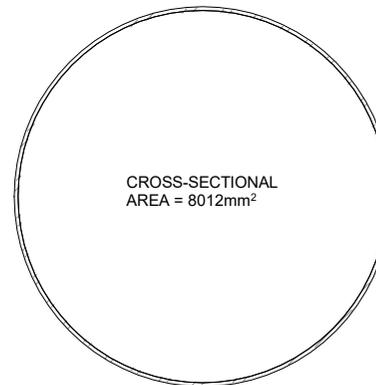
RECTANGULAR DOWNPIPE
INTERNAL - 75mmx55mm
EXTERNAL 76.5mmx56mm

RECTANGULAR DOWNPIPE
MANUFACTURED IN CHRISTCHURCH



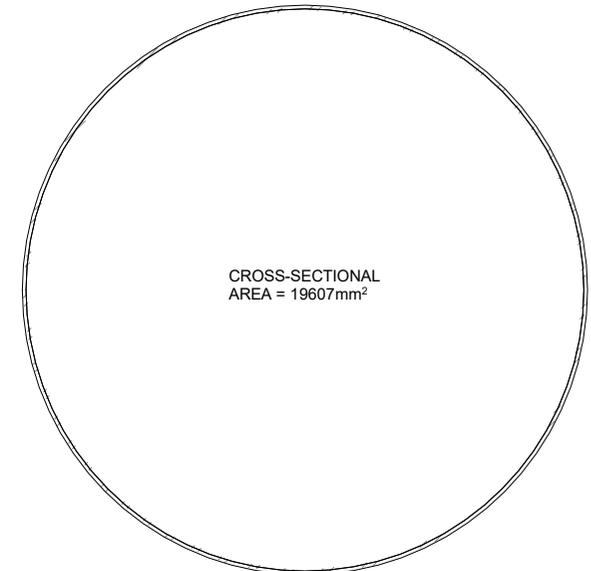
80mm
INTERNAL - 79mm
EXTERNAL - 81.5mm

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

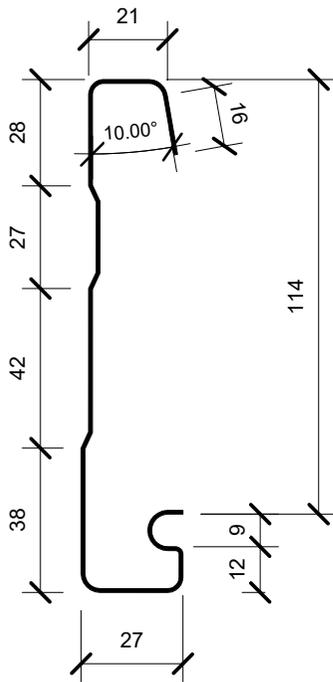
NOTES:

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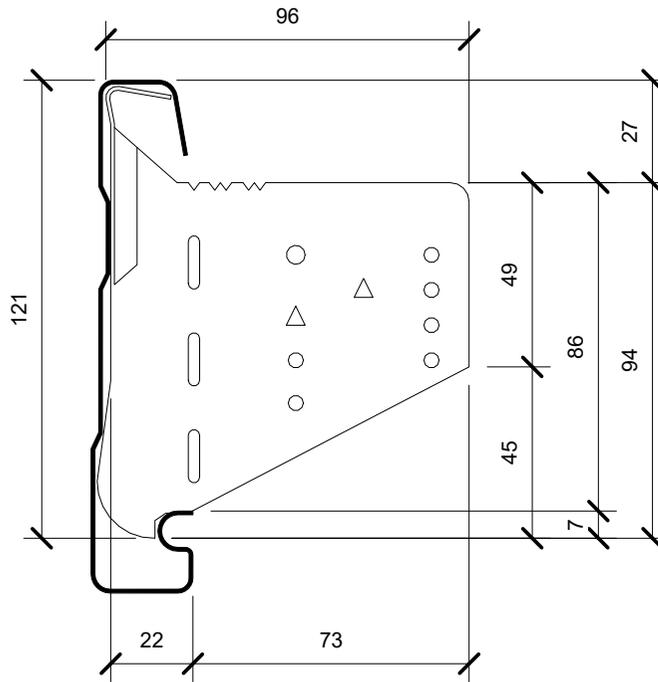
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DISCLAIMER:

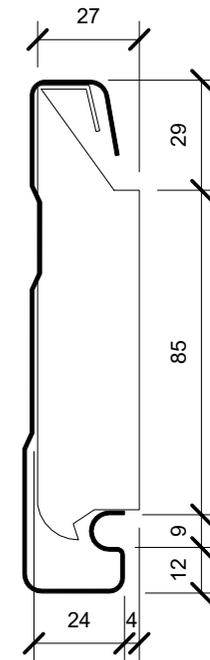
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PROFILED DIMENTIONS

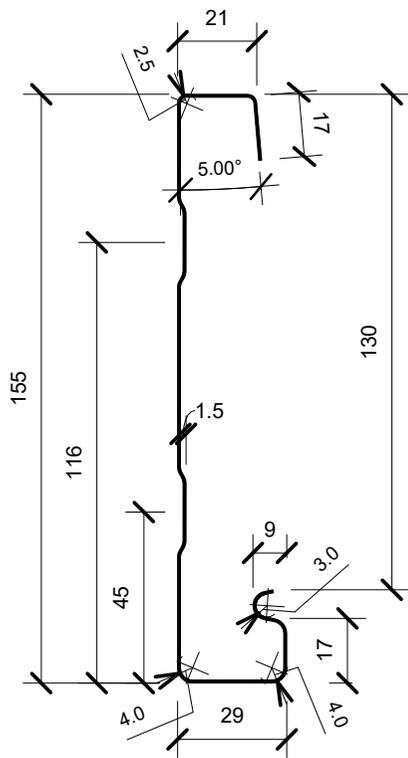


RAFTER BRACKET

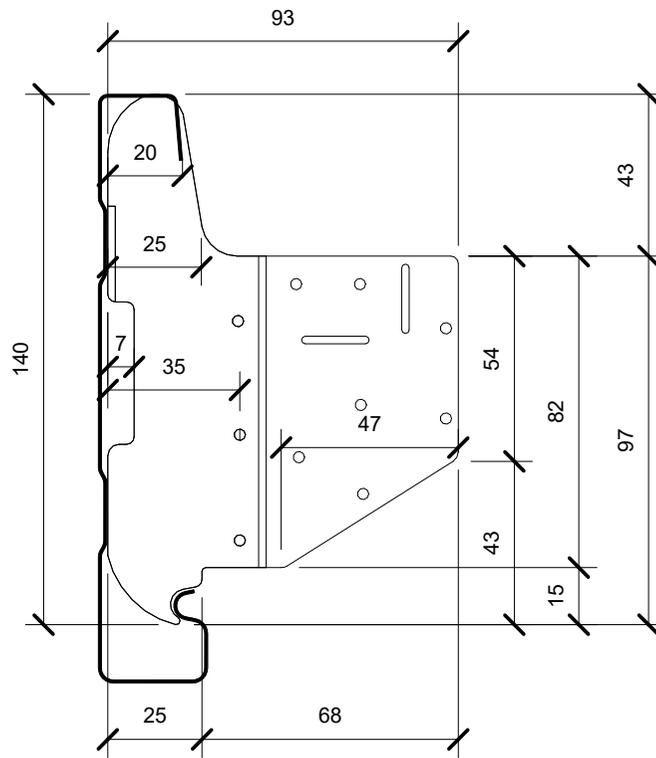


GABLE END BRACKET

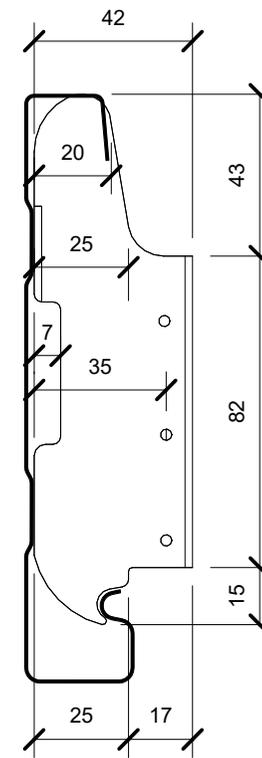
MANUFACTURED IN AUCKLAND



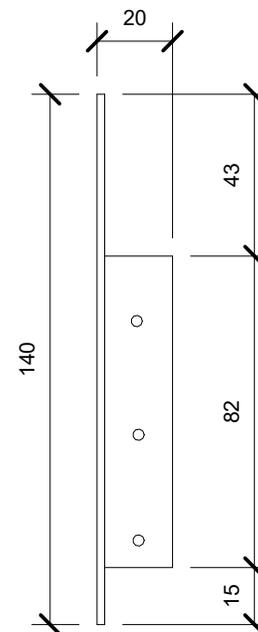
PROFILED DIMENTIONS



RAFTER BRACKET



GABLE END BRACKET



MANUFACTURED IN WELLINGTON, WHANGĀREI, TAURANGA

