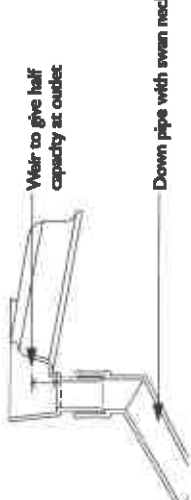
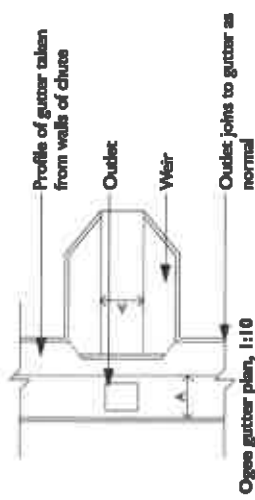
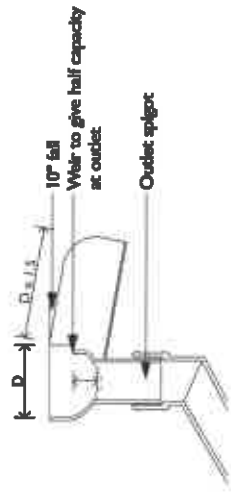
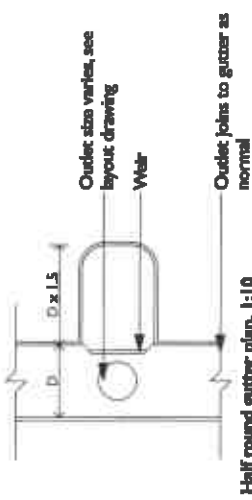


Standard Specification Warns outlets



Half round gutter and chute



Painted Ogee outlet



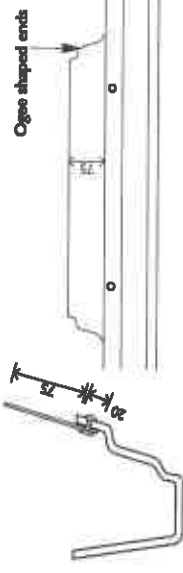
Ogee chute and down pipe

- 1 These outlets are made in the same material as the gutters and downpipes and match the profile of the gutter. They allow rainwater to overflow clear of the building wall if there is a restriction or blockage in the outlet or down pipe. If there is a blockage the water flows out of the chute giving warning that the gutter and down pipe need clearing. They are intended to be used with the gully and surround described on another drawing in this specification.
- 2 The design and concept is protected by UK Patent GB2351092 and USA Patent 09/739,244. The use of this design outside the project this specification refers to is strictly forbidden without the prior consent of the Patent holder (Nicholas Warns).
- 3 Gutters and outlets are normally to be cast iron and only Hargreaves Foundry of Halifax, West Yorkshire, telephone: 01422 330607, are allowed to make these outlets.
- 4 Overflow spouts shall be used at each down pipe position unless stated otherwise on the drawings and in the schedule of work.



Ogee chute and down pipe

Standard Specification Gutter splash guards



125 Ogee section, 1:5

125 Ogee elevation, 1:5



100 Deep flow section, 1:5

125 Half Round section, 1:5

Note: It will be stated on the drawings and in the schedule of work if splash guards are needed

Splashguards made from 3mm thick grade 316 stainless steel to project 75 mm above the gutter lip at max 17.5° from vertical (bend plate to achieve this with 1/4 sections), and be min 500 mm long on sites and tile roofs. On lead roofs the length of the splashguards to be baywidth + 2 x 100 mm. Splashguards to be fixed to gutter with 2 No stainless steel gutter bolts and painted as described for gutters generally.



Splashguard seen from the ground

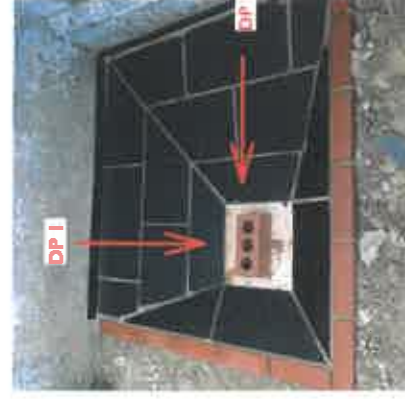


Date:	Key to Symbols used (above)
Date:	This drawing is copyright ©
Date:	© Nicholas Warns Architect Ltd.
Grid Ref.:	64 Blisphoggea Norwich, NRI 4AA
Job Number:	Tel.: 01603 622056
Drawing Number:	Fax: 01603 627 393
Original Drawing A3	Info@nicholaswarns.com

Revision:	Notes:	North Point:	Drawn Scale:	Checked:
Revision:	Notes:	Standard Specification Details	Warns outlet chutes - APPENDIX E	
Drawn:	Location	Plan	Detail	Section
Location:	Elevation			

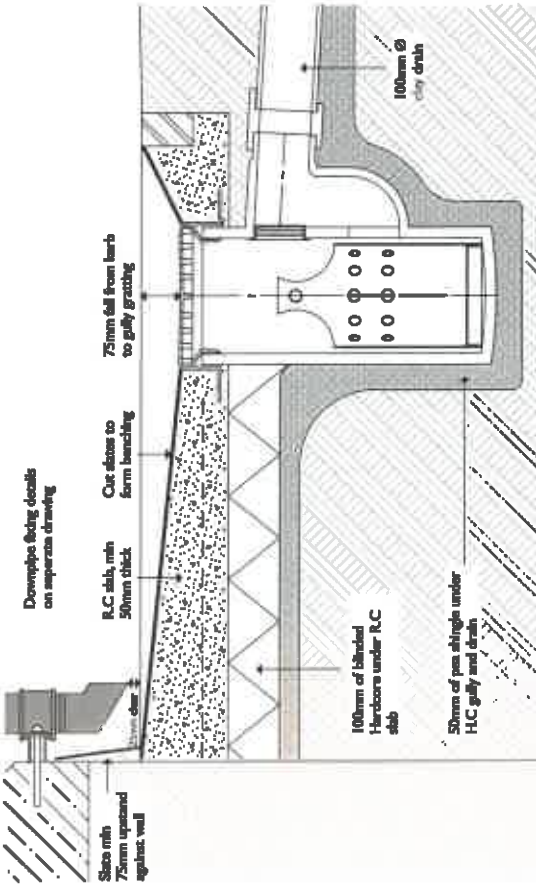


Standard Specification Gully



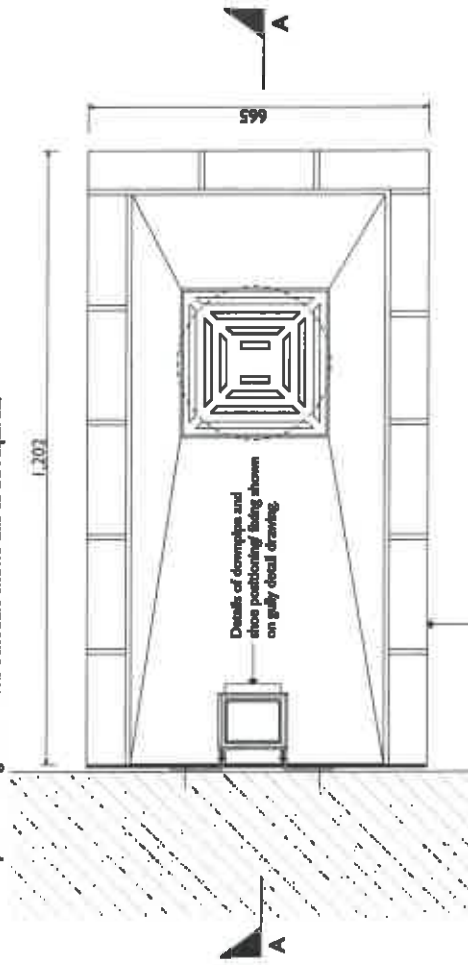
Slate up stand against wall to be one piece of slate.

Corner gully for two downpipes, e.g. Nave and Porch
This will be stated on the drawings or in Work Schedule



Section A-A through Gully drain

Hepworth 225mm x 400mm outlet with medium duty grating: Code RGP6 + Silt bucket IBP3. Remove fixing screws on grating. These gullies are available with a back inlet if the layout drawings and Works Schedule shows this to be required.



Gully kerb finished flush with ground level. Semi-engineering bricks (open valley roads or similar) laid on edge, 100g side to gully. Grate adjoining ground to fall to the gully narrowed.

Note:
All gullies and drains to be tested on completion, and inspected by the architect before backfilling.
Drains backfilled before inspection may need to be dug up for checking without extra costs.

1 : 10

0.0 0.1 0.2 0.5 1.0 M

Revision:	None:	North Point	Checked:	Key to Symbols used (above)
Revision: A	None: Corner gully added	Drawn Scale:	Date:	Date: 23/01/2013
Drawn:	North Point	Drawn Scale:	Date:	Date:
Location:	Standard Specification Details	Drawn Scale:	Date:	Date:
Project:	Gully - APPENDIX C	Drawn Scale:	Date:	Date:
Drawing:	Gully - APPENDIX C	Drawn Scale:	Date:	Date:
Scale:	1:10	Location:	Plan	Section
		Location:	Detail	Elevation
		Location:	Section	Original Drawing A3

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