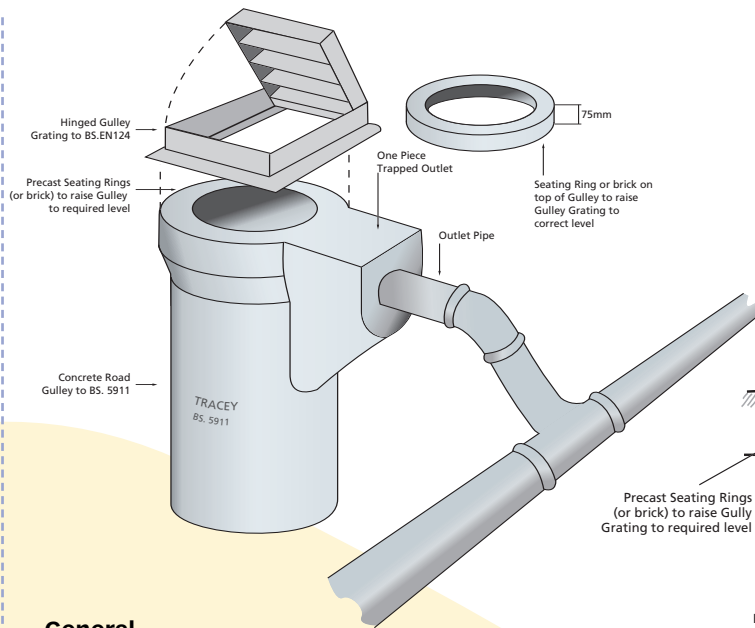


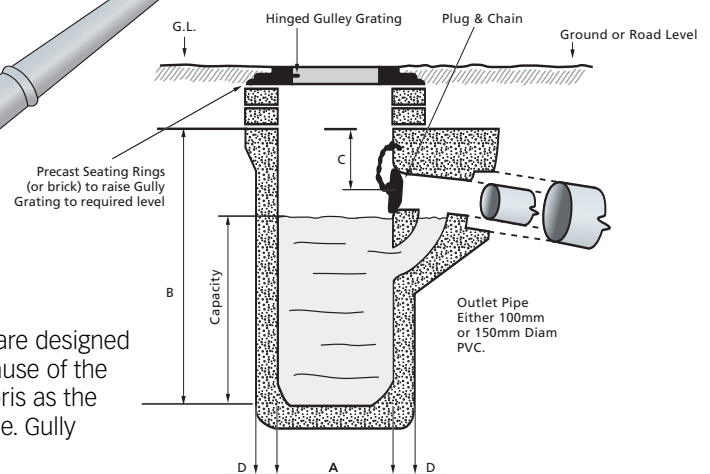
Gullies & Gratings



Concrete Road Gullies to BS 5911 PT 230

Round Road Gullies have an advantage over square or rectangular gullies because the outlet pipe can be pointed in the desired direction, yet allowing the grating to fit parallel to the kerb which can illuminate outlet pipe fittings.

Fig 1. Trapped Gully



General

Road gullies, which require a hinged grating on top are designed to collect surface water from roads, parks, etc. Because of the high outlet position, the gully collects any silt or debris as the water flows via the gully outlet into the drainage pipe. Gully sumps must then be periodically cleaned out.

Gullies can be manufactured in different sizes and depths and there are two main types of gully as shown in FIG1 and 2.

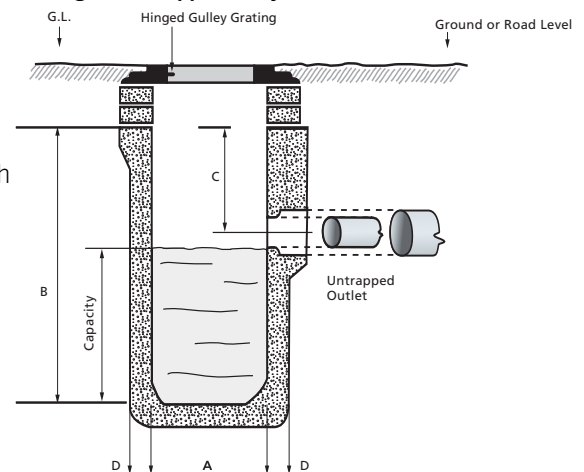
Trapped Gully

Because of the trapped outlet, these gullies are used to prevent odours escaping from the drain pipe, which may be the case if the gully is connected to a combined storm and foul water system. They may also be used where there is a risk of oil, which will float on top of water in gully, preventing it from entering drain pipe.

Untrapped Gully

This gully has a straight outlet and is lighter than the trapped gully. It is used where the above risks do not occur.

Fig 2. Untrapped Gully



Ordering Gullies (List as follows)

No. Required - Internal Size x Depth x Outlet Size - Type
eg: 10 No. - 375 Diam x 750 x 150 - Trapped Gullies

Type	Internal		Outlet Position C	Wall Diam D	Capacity		Approx Weight in Kgs
	Size A	Depth B			Litres	Gall	
Trapped	375 Diam	750	180	45	58	12.8	200
Untrapped Gully	375 Diam	750	280	45	44	9.7	160
Untrapped Gully	450 Diam	750	250	45	70	15	250

Gully Gratings to BS EN 124:1994

Grade A Class 1 Designed for 11.5 Ton loads, with non rocking feature, for use in carriage ways.

Grade A Class 2 Designed for 11.5 Ton loads, with hinged grating for use in carriageways.

Grade B Designed for 5 ton loads, with hinged grating, for use with slow moving commercial vehicles.

There are two min. widths: 325 for 375 diam gully
450 for 450 diam gully

eg: GA2 325 gully grating to BS EN 124:1994

Ref: TC09/1

Date: 1/12/03

TRACEY CONCRETE Limited
Old Rossorry
Sligo Road
Enniskillen
Co.Fermanagh

T: 028 6632 6437 F: 028 6632 4908 From ROI (048) W: traceyconcrete.com E: headoffice@traceyconcrete.com

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