NOTES:

NOTES (To be read in conjunction with Drg Nos ***SD/500/12, 13 and 14***.

1.1 All dimensions are shown in millimetres unless otherwise stated.

MATERIALS

1.1 Precast concrete gullies to BS 5911-6.

1.2 Clay gullies to BS 65 and BS EN 295 Parts 1, 2 and 3.

1.3 In situ gullies to be formed in a ribbed high density Polyethylene liner with a current BBA Certificate.

1.4 Class B Engineering bricks to BS EN 771-1 and Drg No ***SD/500/12***.

1.5 Gully frames and covers are to be in accordance with BS EN 124 and Table 5/11 and must show the, EN124 Class, Name of Manufacturer, place of Manufacture and product identification. The frames and covers must show a third party certificate mark. The Independent Certificate bodies approved by Leicestershire County Council include the BSI Kitemark or other equivalent recognised certification body.

TABLE 5/11 : PERMITTED GULLY FRAMES AND COVERS

EN124 GRADE	LCC REF	TYPE	MATERIALS	MIN DEPTH	MINIMUM OPENING SIZE	APPLICATIONS
D400	400/T (AM150)	Non-rock with captive hinge	Ductile Iron uncoated unless otherwise specified	150	450 x 450	To be used on trunk and classified roads where lane widths are less than 3.6m (eg climbing lanes, roundabouts etc) and where road is subject to continuous heavy traffic
D400	400/T (AM100)	Non-rock with captive hinge	Ductile Iron uncoated unless otherwise specified	100	450 x 450	To be used on trunk and classified roads where lane widths are less than 3.6m (eg climbing lanes, roundabouts etc)
D400	400/H	Non-rock with captive hinge	Ductile Iron uncoated unless otherwise specified	100	370 x 425	To be used in all other locations subject to vehicular traffic
B125	125/H	Non-rock with captive hinge	Grey Iron	100	300 x 300	Footways, cycleways and other pedestrian areas
B125	125/H	Non-rock with captive hinge	Ductile Iron	60	300 x 300	Footways, cycleways and other pedestrian areas

CONSTRUCTION

2.1 Gully grates and frames to be laid to the crossfall of the finished surface.

2.2 The concrete surround to gullies shall fill the whole void between the gully pot and the face of the excavation. The concrete should be compacted by vibrating poker to remove all voids.

2.3 For insitu Concrete gullies, the liner must be held by suitable weight to prevent floatation.

2.4 Where the outlet pipe of a gully within the carriageway is behind the kerbline/ channel, the depth from the top of the grating to the top of the gully outlet pipe shall be 375mm to 425mm.

Where the outlet pipe of the gully is on the carriageway side of the kerbline/ channel, the top of the grating to the top of the gully outlet pipe shall be 525mm to 575mm by increasing the number of brick or riser courses.

2.5 Corbelling of brickwork will be no more than 30mm per course, in excess of this, corbelling shall be supported by 12.5mm thick galvanised steel plates.

2.6 On new construction the brickwork shall be completed after the road base layer(s) have been laid. The Contractor must allow for fixing suitable temporary formwork over the gully prior to laying the road base layer(s).

A void for the brickwork should be cut with vertical edges into the road base layer(s) to a minimum size to allow the brickwork to be completed. Any overbreak should be filled with the same mortar used for the bedding of the frame and cover as described in Drg No ***SD/500/12***.

2.7 Where the gully connection pipe is of a different material or system from that of the gully pot, the connection should be made only using the appropriate manufacturer's adaptors.

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Leicestershire County Council
ENVIRONMENT AND TRANSPORT DEPARTMENT

TITLE:
GULLIES
DRAINAGE
NOTES

DRAWING NUMBER	DATE
SD/500/11	APRIL 2024
AUTOCAD REF	SCALE
K:\GENERAL\D9997STDDRG\STD DRGS 2015	NOT TO SCALE

Rev	Date	Notes on Revision
0	01.04.2024	Supersedes Dwg. SD/5/11 - September 2002