

Notes:

- 1. All dimensions in millimetres unless otherwise stated.
- 2. See Drawing No. SBC/STD/1100/01 for details of kerbs, channels and edgings, haunch bedding and mortar.
- 3. See Drawing No. SBC/STD/700/01 to 07 for details of pavement specification and construction thickness
- 4. See Drawing No. SBC/STD/500/02 for gully construction details outlet options.
- 5. See Drawing No. SBC/STD/500/03 for details of connection to carrier drain and outfall to drainage ditch.
- 6. Plastic gullies are not permitted.
- 7. Grating and frame to be BS EN124 Class D400 and HA 102/00 Type R compliant, with captive hinges, set to close against oncoming traffic. With a 435 x 435 clear opening and 150mm deep frame.
- 8. Grating and frame to be set 5mm-15mm below finished road level at kerb and 5mm below finished road level at front.
- 9. Gully frame to be bedded on, and haunched with epoxy resin mortar as previously described, and positioned centrally over gully pot and abutting with the kerb face.
- 10. Gully grating and frame to be laid to the crossfall of the finished surface.
- 11. 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.
- 12. The minimum depth from the top of the grating to the top of the gully outlet is to be 575 to 525 when the connecting pipe is under a carriageway and 325 to 375 elsewhere.
- 13. Gully grating to have The backfill material shall be placed and compacted in accordance with the requirements of the Manual of Contract Documents for Highways Works Volume 1, Series 600. - Method compactions (Table 6/4).
- 14. The maximum trench width shall be applied up to a depth of 300mm above the crown of the pipe.
- 15. Brickwork to be engineering brickwork Class B to BS EN 771-1:2011 using a gauged Class 1 (3:1) sand / cement mortar to CL 2402 of SHW mortar designation (i)
- 16. The depth of mortar joints in brickwork and under the ironwork shall be between 5mm and 15mm. Any fine adjustment in level should be carried out in special class B bricks of reduced thickness. Where proprietary cementitious materials or epoxy resins are used the mortar bedding depths should be in accordance with the manufacturer's recommendations.
- 17. Subject to the approval of the Transport Development Management team at SBC, as an option to a brickwork or pre-cast concrete gully sealing slab, a concrete cast in-situ seating integral with the pot surround may be used (refer to Alternative Sealing Arrangement detail). The aperture in these seatings shall not be greater than the minimum opening dimensions of the gully frame. All concrete shall have a smooth finish to class F2 or U3 .
- 18. All gully connections to receive concrete surround to its connection with the carrier system.
- 19. All pipe joints require 18mm fibreboard.
- 20. For shared surface roads or gullies unavoidably positioned within the limits of a pedestrian crossing, in addition to the requirements set out in Note 7, the gully grating is to be of a mesh type, or other 'pedestrian friendly' design.
- 21. Granular pipe bed and surround and backfill material to be compacted in accordance with the SHW Series 600, Table 6, in layers not exceeding 150mm before compaction. Compaction shall be undertaken by hand or light mechanical plant.

DRAFT ISSUE

GULLY NOTES

Head of Highways and Transport			
Civic Offices			
Beckhampton Street			
Swindon			
SN1 2JG			
Drawn	ER	Scale	As Shown
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SBC/STD/500/01	B
	03.09.15



TRANSPORT REQUIREMENTS FOR DEVELOPMENT
Local Guidance and Standards for Swindon
STANDARD DRAWING