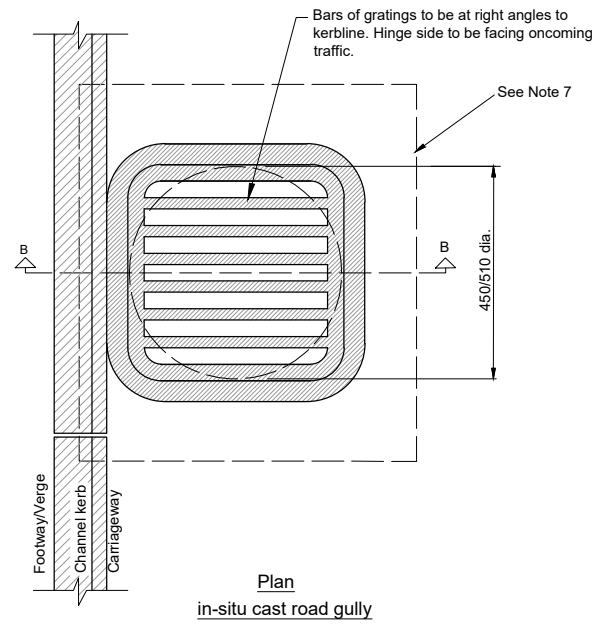
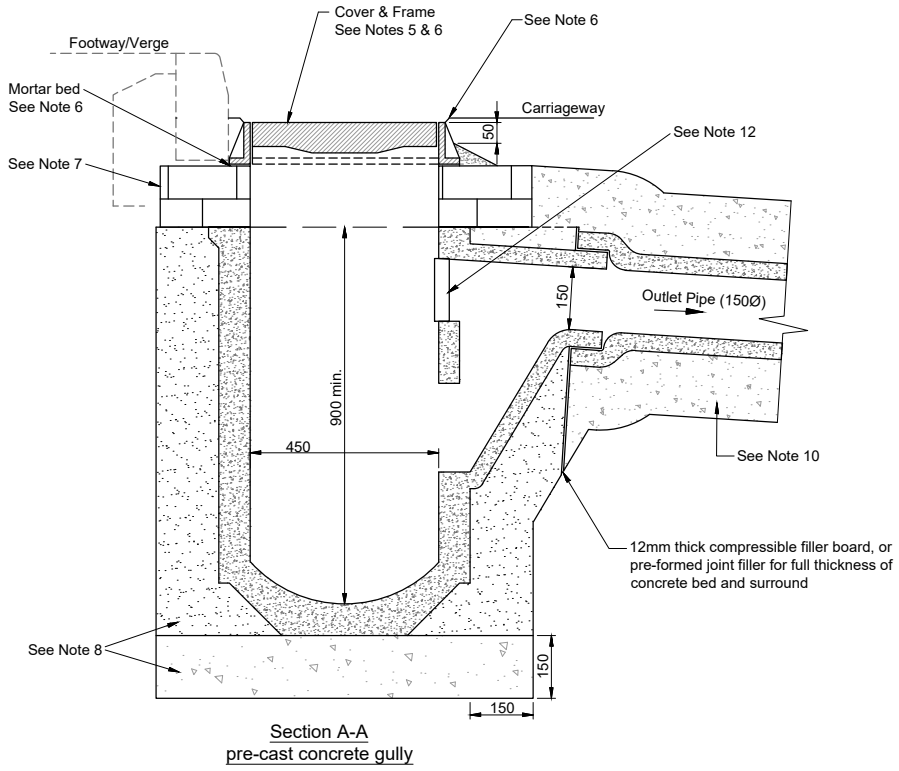


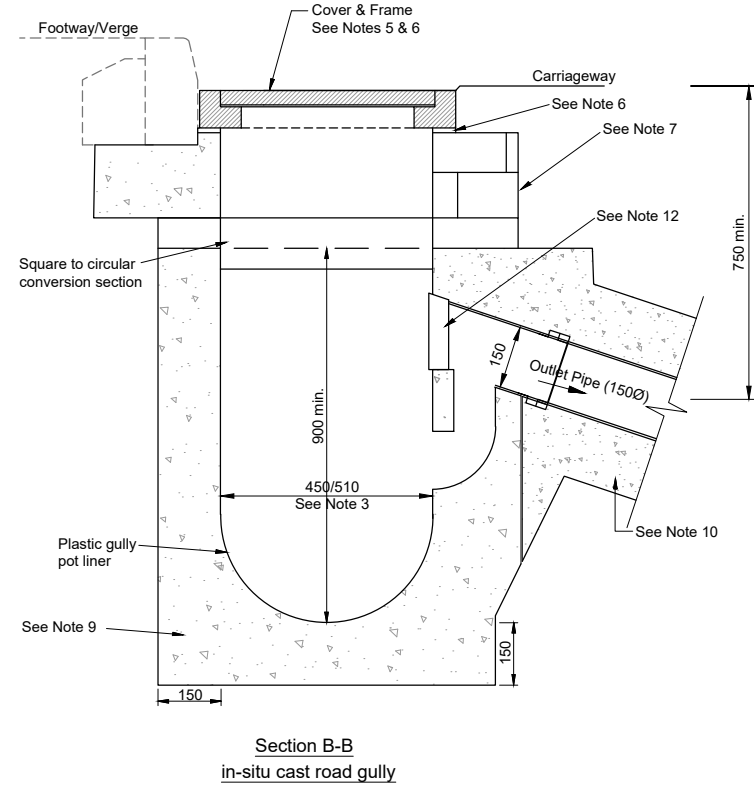
Plan
 pre-cast concrete gully



Plan
 in-situ cast road gully



Section A-A
 pre-cast concrete gully



Section B-B
 in-situ cast road gully

- Notes**
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- All dimensions in millimeters unless otherwise stated.
 - The specification referred to in this drawing is the *Specification for Highway Works (SHW)* published by T.S.O. (The Stationery Office).
 - Road gullies must be constructed in accordance with SHW CI 508. Gully pots should be either 450mm inside diameter precast concrete or 450/510mm I.D. in-situ concrete with plastic former.
 - Pre-cast concrete gullies and cover slabs to BS EN5911-6.
 - Gully gratings and frames to be Class D400 to BS EN124.
 - Gully frame to be 100mm deep and grating to be set 6mm below the road surface. Frames to be bedded with a proprietary quick setting high strength mortar exceeding a compressive strength of 30N/mm² in 3 hours.
 - 2-3 courses of Engineering Brickwork Class 'B' to BS EN 771-1:2011. Brickwork to SHW 2400 Series or precast concrete adjusting unit to BS EN1917 and BS EN5911-3.
 - Pre-cast concrete gully pots to have a 150mm in-situ ST4 concrete bed. Surround up to sub-formation level with SHW Class 1 general fill material and compacted to SHW CI 612. Where mechanical compaction is impracticable, the backfilling shall be in ST2 concrete. The remainder of the backfilling shall be in appropriate capping and road pavement materials except that where mechanical compaction of capping or unbound mixture for subbase is impracticable ST2 concrete shall be used.
 - Plastic gully pots to have a 150mm in-situ ST4 bed and surrounds.
 - Connection to a surface water drain by means of 150mm diameter jointed fire-clay or plastic pipes, Type Z bedding and surround with 150mm of Class ST2 concrete to CI 503.3(iii) where the cover is less than 0.9 metres.
 - Gully spacing to be determined from the requirements of *Design Manual for Roads and Bridges, CD 526: Spacing of road gullies* and Table 5.14 of *THC Road and Transport Guidelines for New Developments*.
 - All gullies to be trapped and have stoppers to BS 5911-4 and BS EN 1917. Any variations to this i.e. 'non-trapped', 'gully chute' or 'grip' must be qualified and THC shall review each location on an individual basis.

Revision Details	Drawn by	Checked by	Check Date	Surf.



Project: Standard details. Series 0500:
 Drainage and service ducts

Title: Pre-cast and in-situ cast road gullies
 Scale (at A4): Not to scale

Drawn	JC	Date	02/2024
Checked	CHK	Date	02/2024
Drawing No:	SD/0500/13	Rev:	1