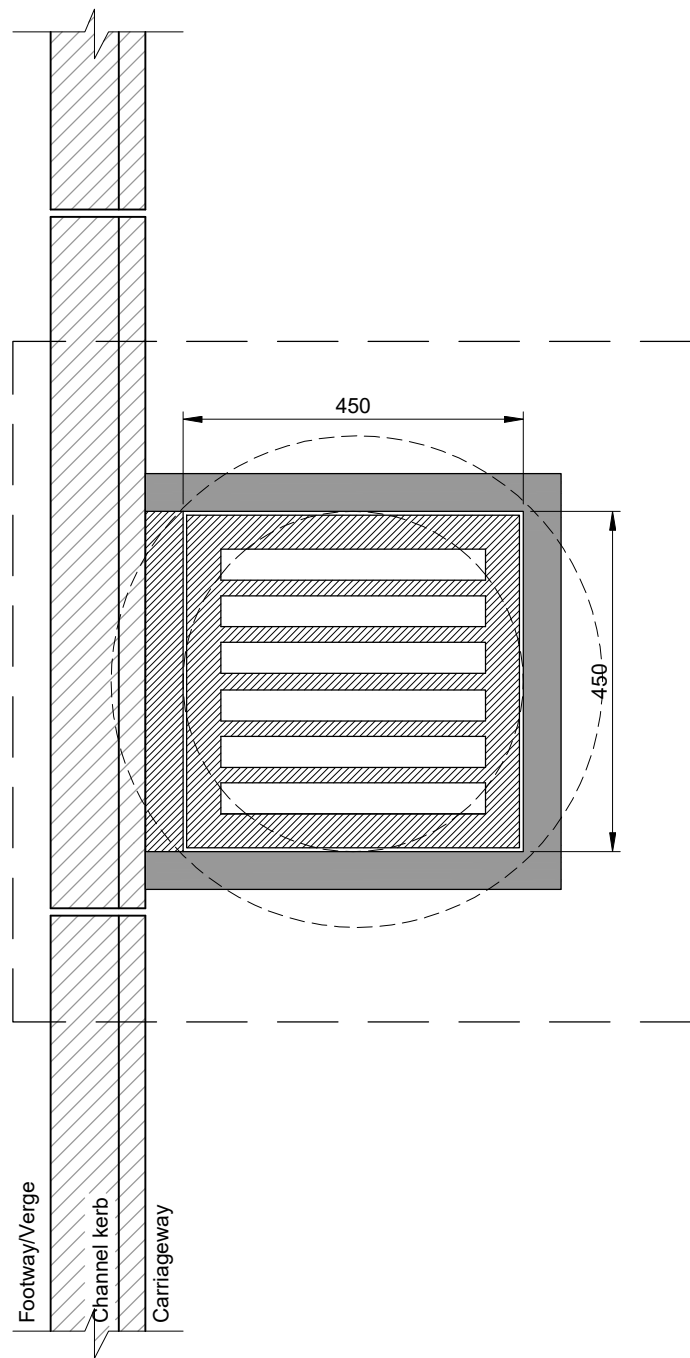
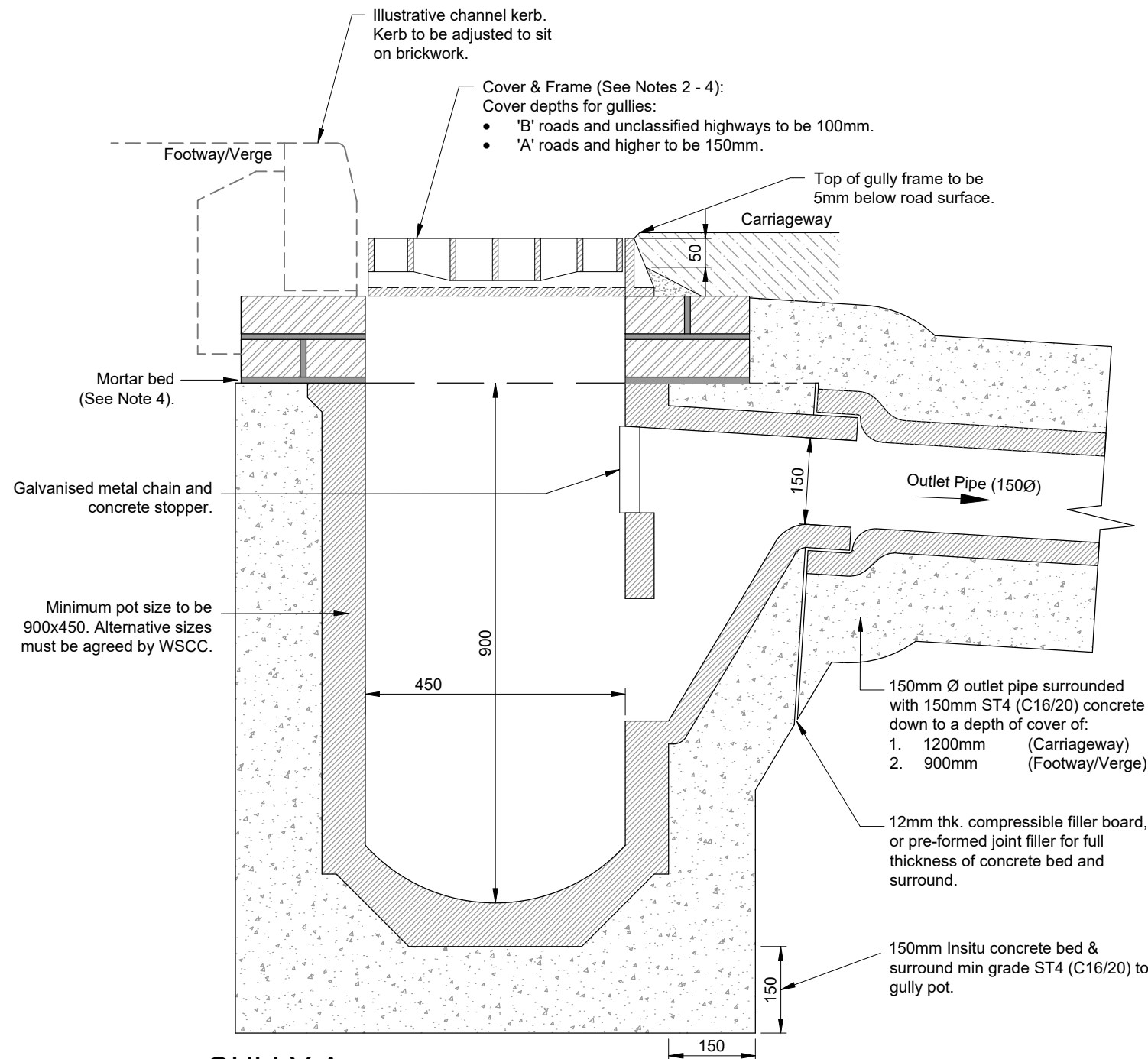




GULLY A
TYPE: PRECAST CONCRETE
PLAN
(1:10)



GULLY A
TYPE: PRECAST CONCRETE
SECTION
(1:10)

- NOTES
- Do not scale from this drawing.
 - All gully grating and frames to be 'hinged' heavy duty ductile iron minimum grade D400 in accordance with BS EN124:1994 & Section 508 of the Specification of Highway Works.
 - All ironwork shall carry a BSI kite mark.
 - Frames shall be bedded on a gauged Class 1 (3:1) sand/cement mortar to Cl.2402 of SHW Mortar Designation (i), and either 2 or 3 courses of Engineering Brickwork Class 'B' to BS EN 771-1:2011.
 - Gully spacing is to be determined from the requirements of HA 102/17, Design Manual for Roads and Bridges, however, maximum area to be drained by one gully: 180 m²
 - Gully pots used for carriageway gullies shall be of precast concrete using Sulphate Resisting Cement (SRC) in accordance with BS 5911, part 230, 2004.
 - All gullies to be trapped. Any variations to this i.e. 'non-trapped', 'gully chute' or 'grip' must be qualified and WSCC shall review each location on an individual basis.
 - Selection of gully grating type shall be to suit the application area i.e carriageway, footway/cycleway and to the satisfaction of the highway inspector.
 - Refer to drawing 33 for pipe bedding selection.

SURFACE WATER PIPES

Permitted Types as follows:

CLAY: (150Ømin-300Ømax)
All pipe shall be Vitrified Clayware to BS EN 295-1:1991.

UPVC: (150Ømin-900Ømax) (*)
All pipes shall be to BS EN 1401-1:1998.
All pipes shall be ribbed 'twin wall' to provide a suitable network (pipes & couplings).

CONCRETE: (300Ømin-900Ømax) (*)
All pipes shall be made with Sulphate resistant Cement to BS 5911-1:2002.

- ALL jointing and installation shall be undertaken to manufacturers specification.
- ALL materials shall be BBA certified.
- ALL materials shall comply with the Specification for Highway Works.

STRUCTURES (*)

Pipes with a diameter of 0.9m or greater are classified as a structure and will be subject to review by the WSCC structures team.

D	General update	MJA	MJA	15.03.19
C	General update	-	-	07.11.17
B	Plastic gully pots removed	DJL	HM	25.04.17
Rev	Revision details	Chkd	Appd	Date
Drawn:	MJA		For comment	
Chkd:			For tender	
Appd:			For construction	
Date:			As constructed	
File ref:				
IWP Ref:				

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Project Name
Section 278/38 Highway Agreement
Standard Details

Drawing Title
Drainage
Gully A - Pre-Cast Concrete



Original Drawing Size :	A3
Scale :	As Shown
Dimensions :	
Drawing No.	S278/38/11
Rev	D