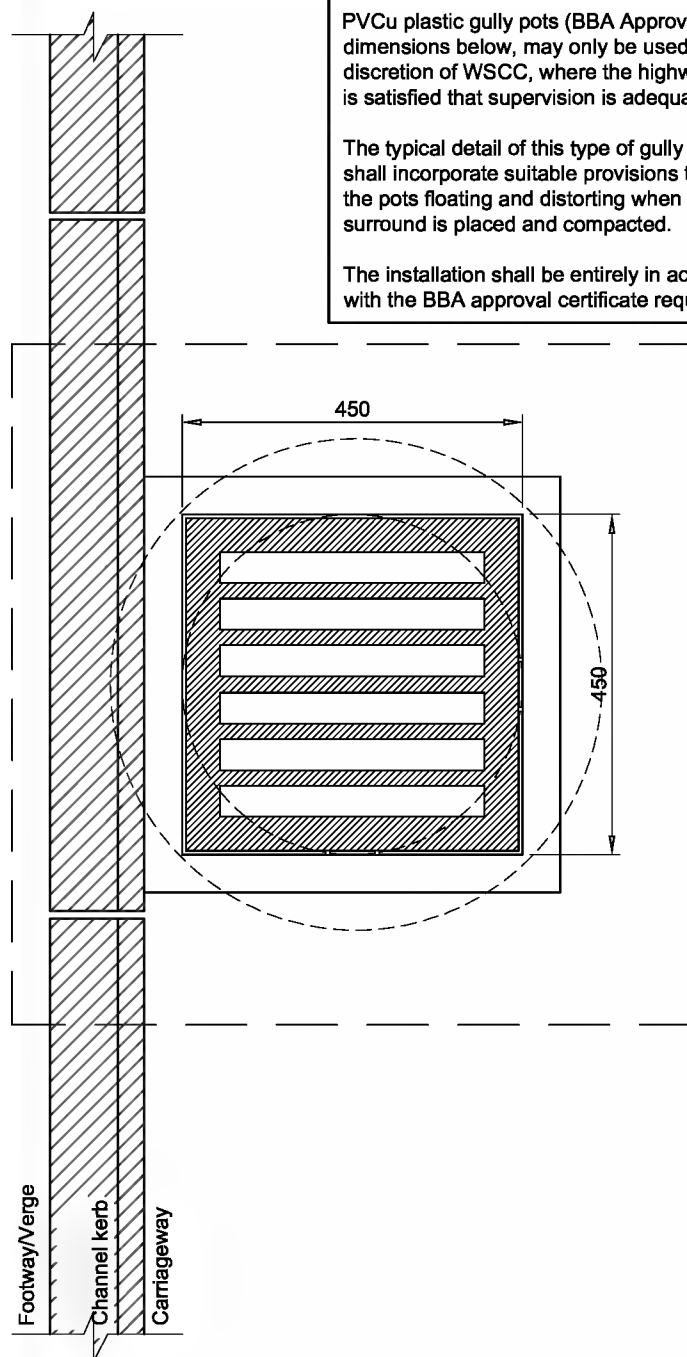


ALTERNATIVE GULLY POT.

PVCu plastic gully pots (BBA Approved) of the dimensions below, may only be used at the discretion of WSCC, where the highway inspector is satisfied that supervision is adequate.

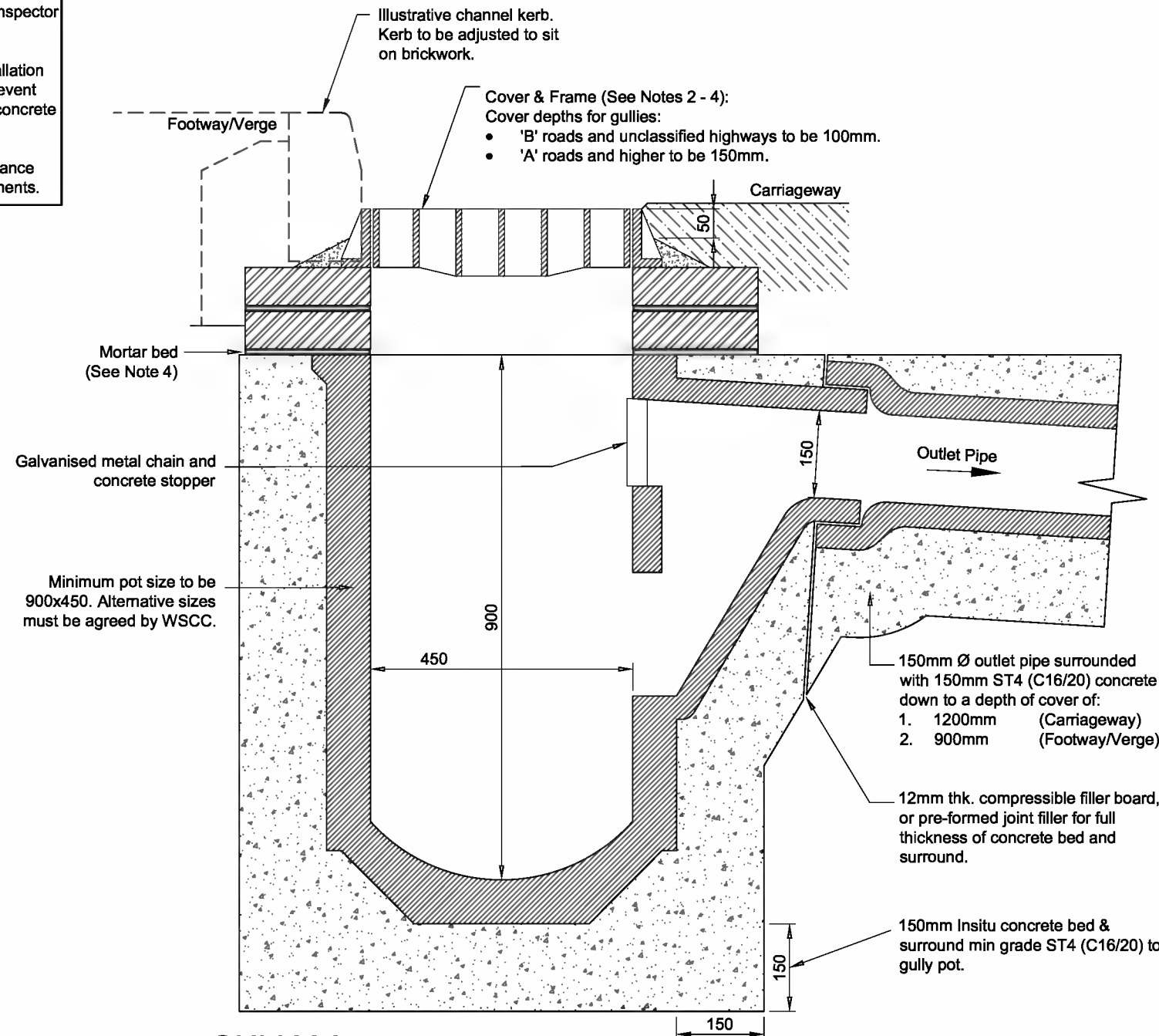
The typical detail of this type of gully installation shall incorporate suitable provisions to prevent the pots floating and distorting when the concrete surround is placed and compacted.

The installation shall be entirely in accordance with the BBA approval certificate requirements.



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 102/00, 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.
- Pipe bedding to highway drainage to be Type Z when located under carriageway, and Type T at all other times, as detailed on Specification of Highway Works HCD no. F1.

SURFACE WATER PIPES

Permitted Types as follows:

CLAY: (1000-1200Ø)
All pipe shall be Vitrefied Clayware to BS EN 295-1:1991.

UPVC: (1000-1100Ø)
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)
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.

A	Notes & drg layout amended	DLS	MJA	28.02.13
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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(01243) 642105



Project Name

Section 278/38 Highway Agreement
Standard Details

Drawing Title

Drainage
Gully A - Pre-Cast Concrete



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