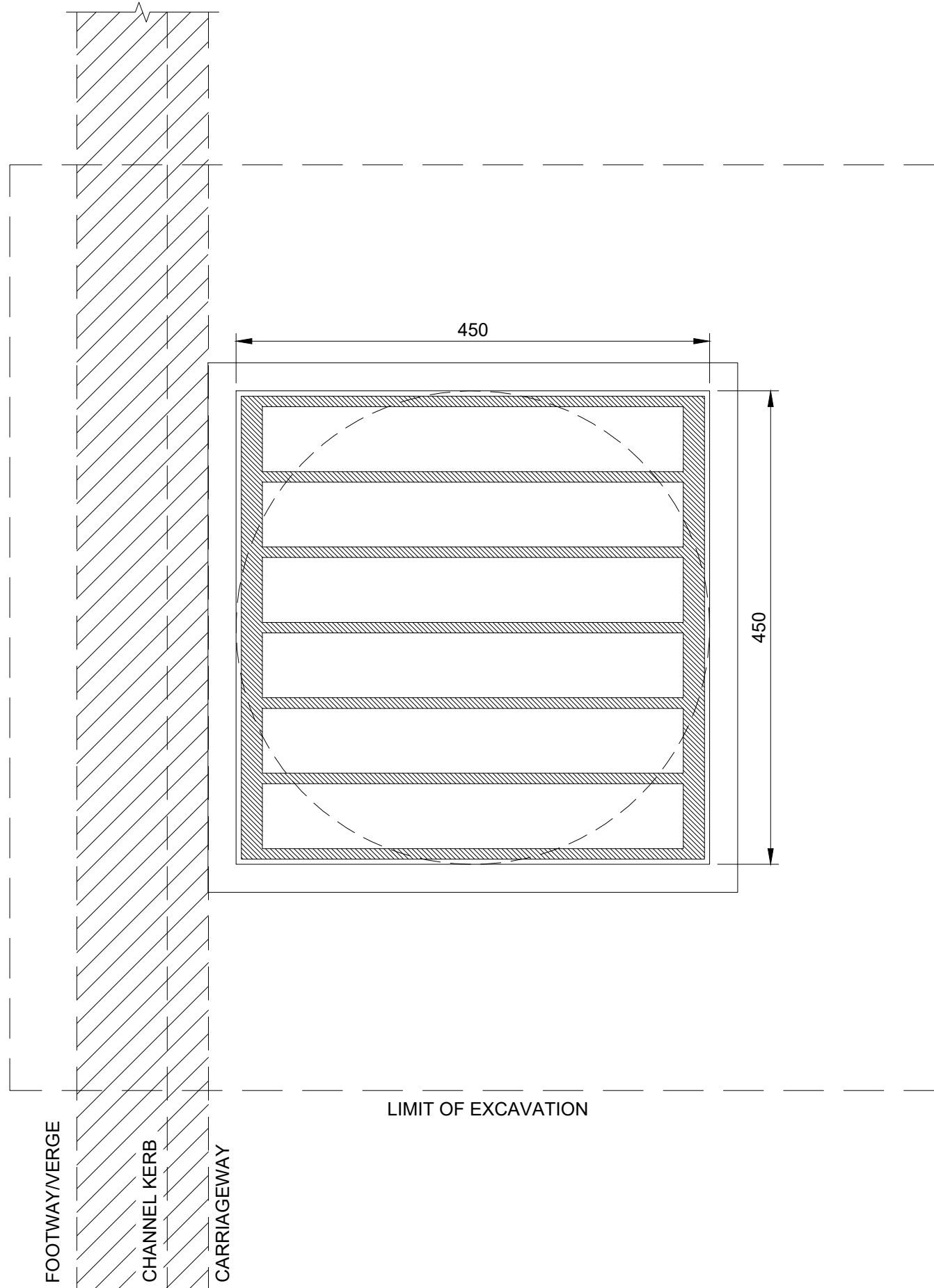
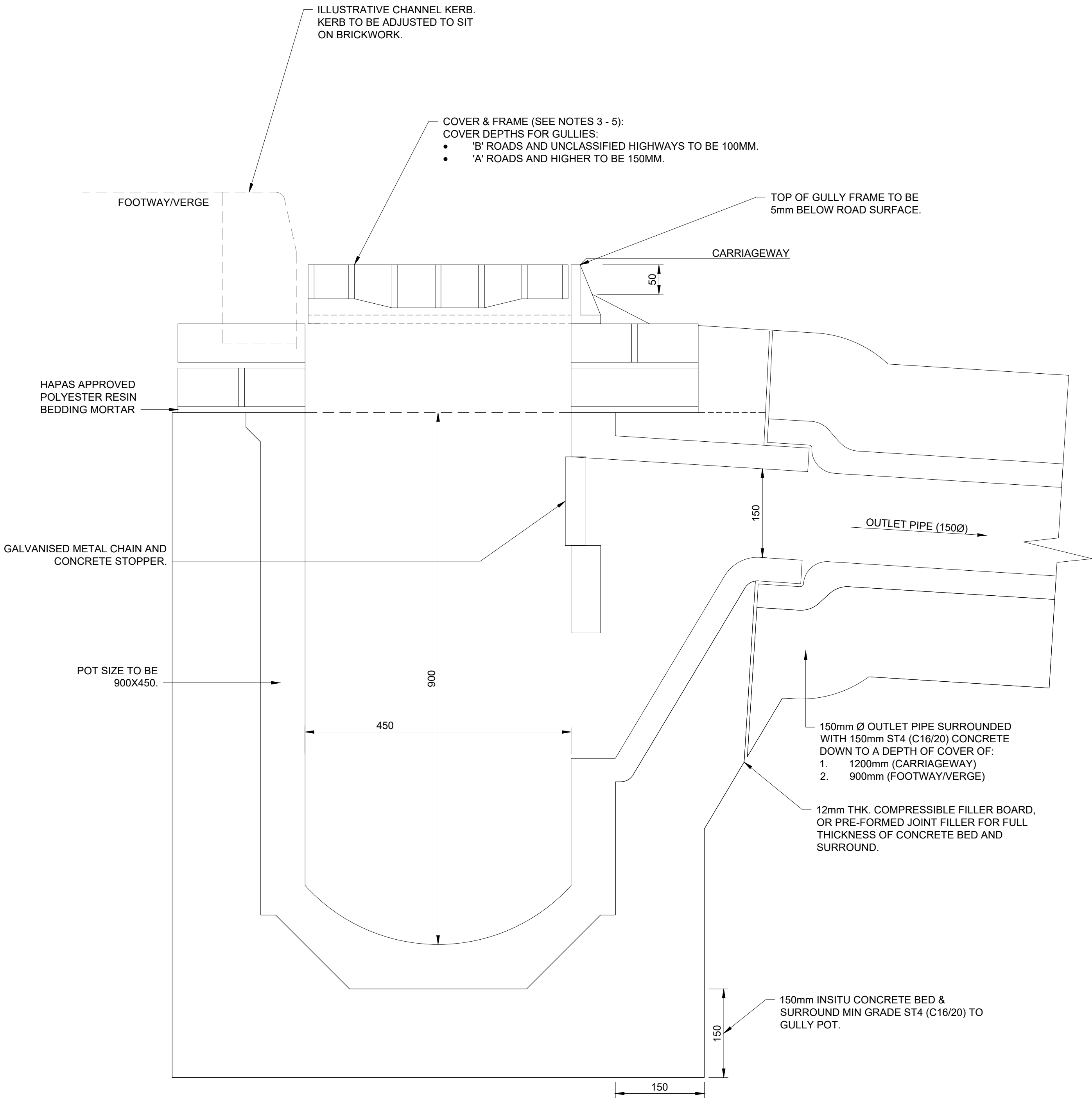




GULLY PLAN
Scale 1:5



GULLY A TYPE: PRECAST CONCRETE SECTION
Scale 1:5

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.

NOTES CONTINUED

- Gully pots used for carriageway gullies shall be of precast concrete using sulphate resisting cement (SRC) in accordance with BS 5911, Part 230, 2004.
- 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 for Highway Works HCD No. F1.
- Min. pipe diameter for gully laterals to be 150mm.



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NOTES

- Do not scale from the drawing.
- All levels shown are in meters Above Ordnance Datum (AOD) unless stated otherwise.
- All gully grating and frames to be 'hinged' heavy duty ductile iron minimum grade d400 in accordance with BS EN 124:1994 & Section 508 of the Specification for Highway Works.
- All ironwork shall carry a BSI kite mark.
- Frames shall be bedded on a HAPAS approved polyester resin bedding mortar 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: 180m².

SUITABILITY

S3 SUITABILITY

ISSUE/REVISION

P01	19.01.2024	FIRST ISSUE
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60610807

SHEET TITLE

STANDARD DETAILS
GULLY DETAIL
SHEET 1 OF 9

SHEET NUMBER

60610807-ACM-XX-XX-DR-DR-702000

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