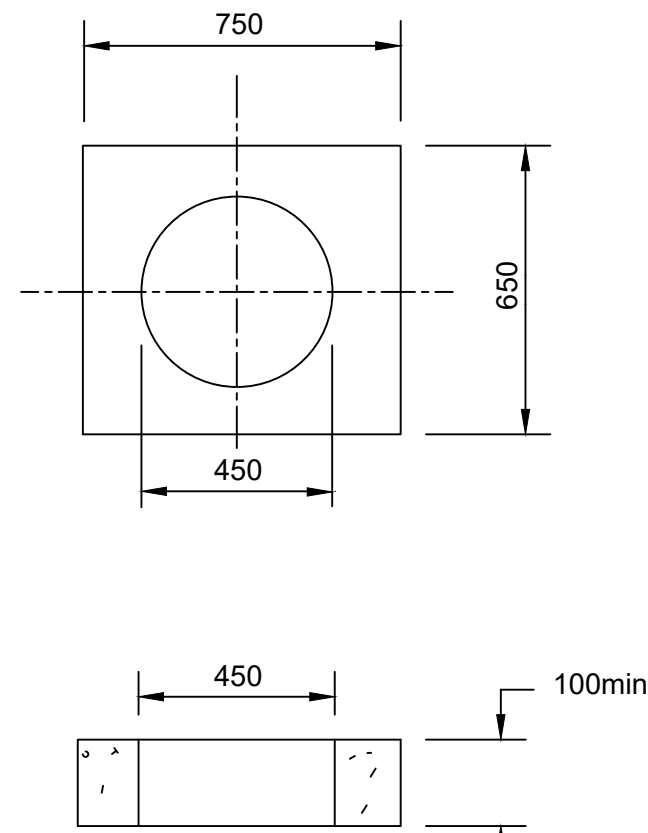
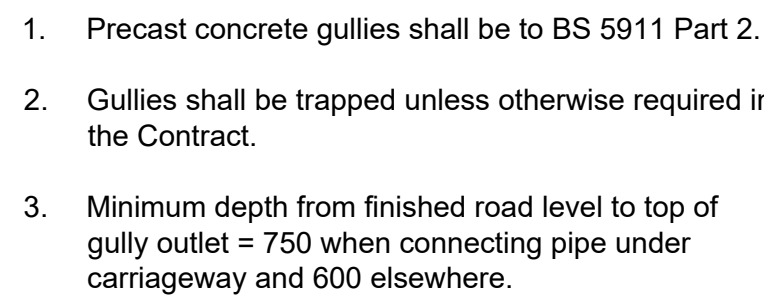
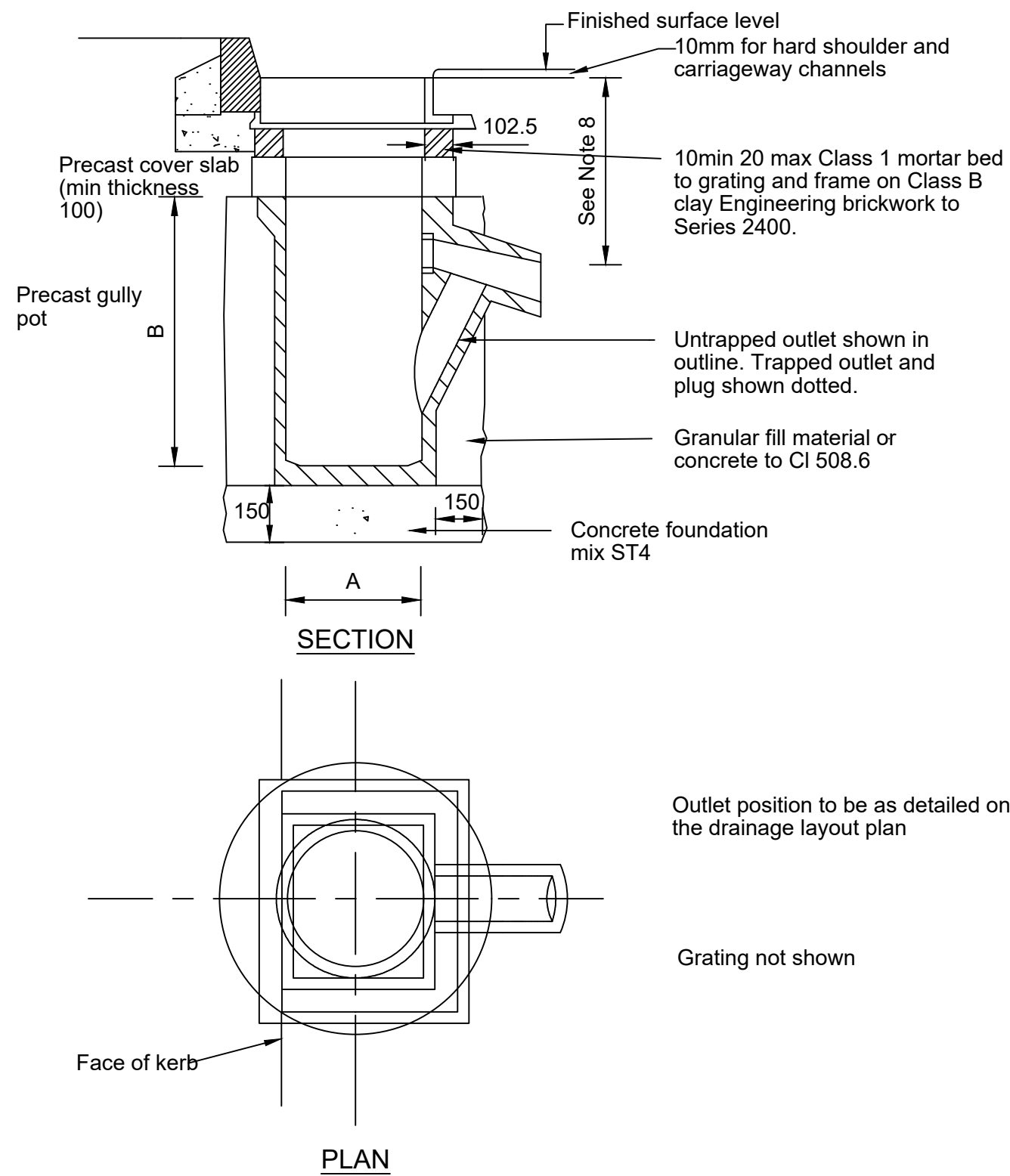


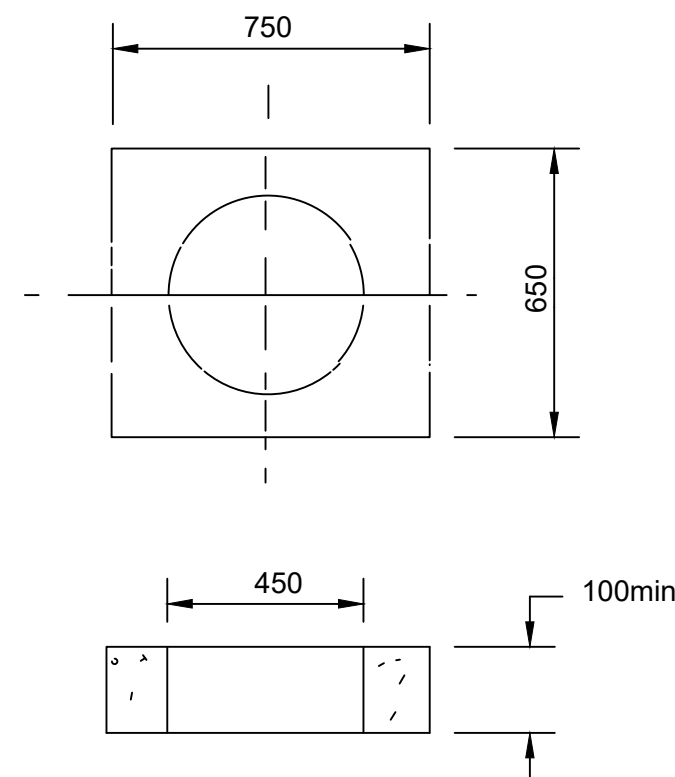
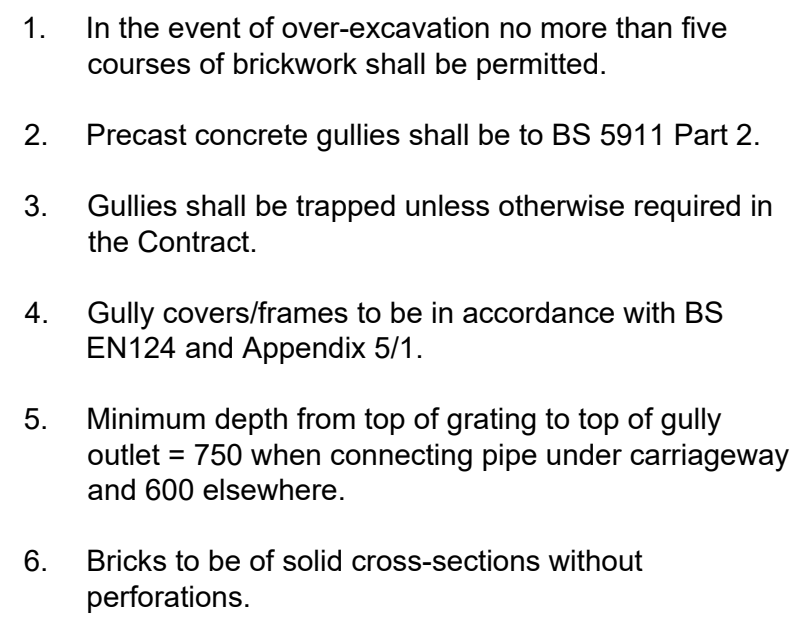
GULLY TYPE GA2



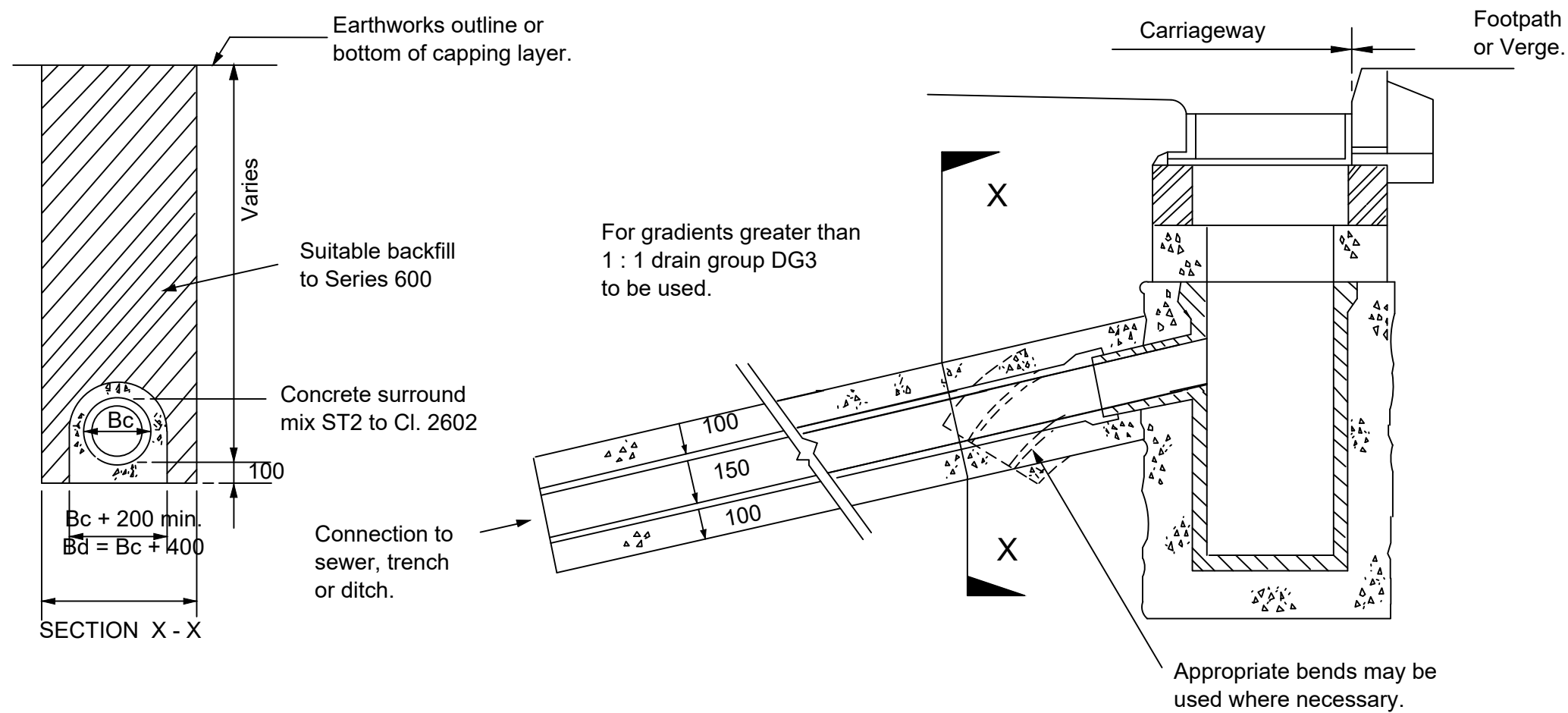
GULLY COVER SLAB



GULLY GROUP	DIMENSION		GRATING AND FRAME			GENERAL USE
	A	B	SIZE	TYPE	CLASS	
GA1	450	900	450	Double Triangular	D400	Motorways and Trunk Roads
GA2	450	900	450	Hinged	D400	County Roads
GB	325	750	325	Hinged	C250	Cul-De-Sac's
GC1	325	750	325	Double Triangular	D400	Motorways and Trunk Roads
GC2	325	750	325	Hinged	D400	(Where Channel grading required County Roads)

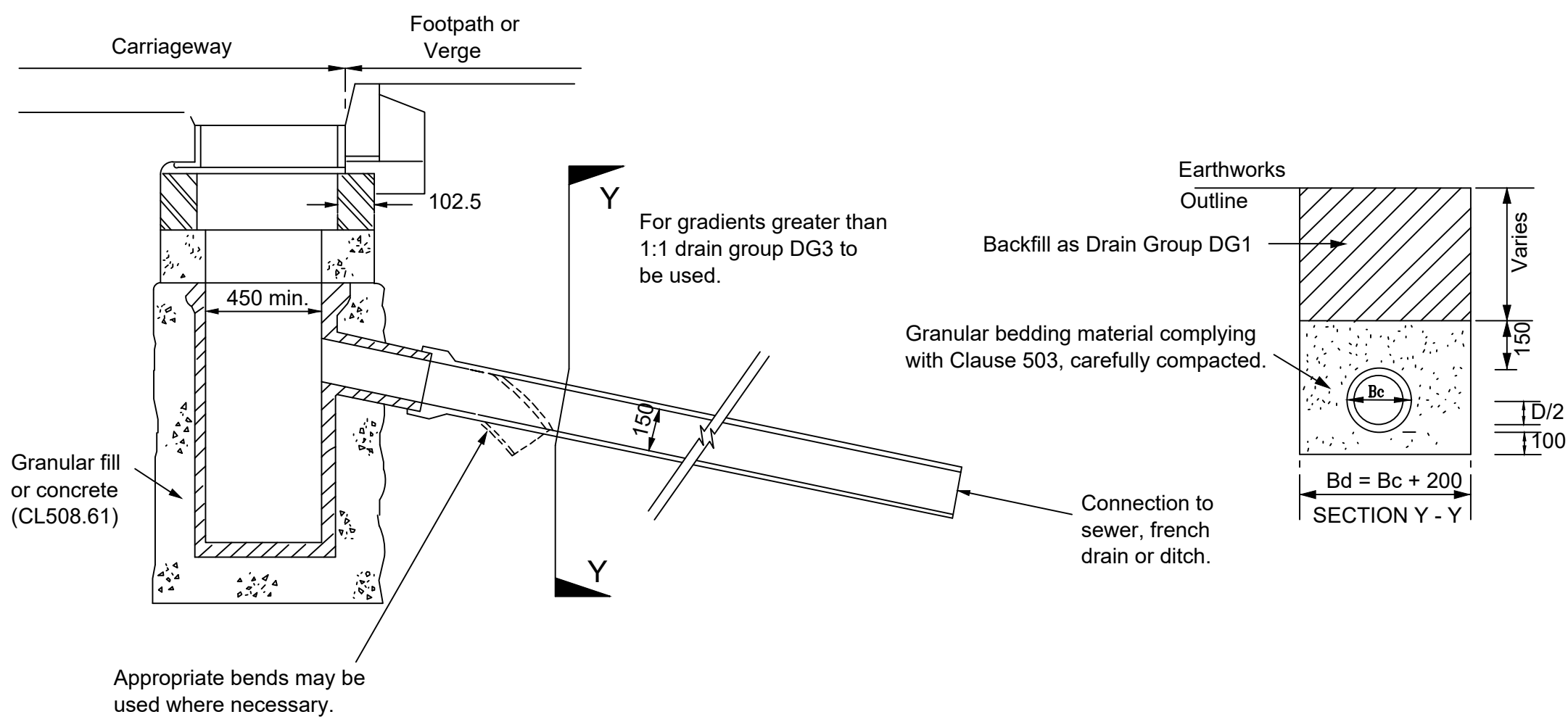


GULLY COVER SLAB



GULLY CONNECTING DRAIN GROUP DG1

1. Pipes for gully connecting drains to be 150mm dia. flexibly jointed pipes to Clause 501 shall be STD. (standard) concrete pipes to BS 5911 or alternatively Extra Strength clay pipes or UPVC twinwall pipes with an SDR of 41 or less or similar approved.
2. Unless otherwise stated Group DG1 drains to be used under carriageways and hardshoulders.
3. Gully connecting drains to be constructed in accordance with Clause 503.
4. Backfill up to earthworks outline or bottom of capping layer to be Class 1 or 2 material in accordance with Series 600.
5. Reinstatement of trenches in existing highways shall be done in accordance with Clause 706 and Appendix 7/2.



GULLY CONNECTING DRAIN GROUP DG2

NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. All levels are quoted in metres above Ordnance Datum.
3. For Drainage notes refer to dwg no D30168/D0502. Drainage notes are to be read in conjunction with all the drainage series drawings.
4. For drainage details refer to Highway Construction Details:
 - F1 - Surface Water Drains - Trench and Bedding Details
 - F3 - Type 1 Chamber (Brick or In-situ concrete manhole)
 - F10 - Chamber fittings - ladder handhold and safety chain
 - F28 - Chamber fittings - guardrail

Rev	Details	Dr	Ch	Ap	Date
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Client



ENGINEERING AND TRANSPORT

NICOLA PEARCE
DIRECTOR OF ENVIRONMENT AND REGENERATION
THE QUAYS, BRUNEL WAY
BAGLAN ENERGY PARK
NEATH SA11 2GG

Job Title

**C2014B HARBOURSIDE STRATEGIC
EMPLOYMENT SITE**

DRAINAGE - GULLY TYPES AND GULLY CONNECTIONS

File No.	Financial Code No. 26.007500.B054.300916
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Drawn		Checked	MCB	Approved	HIH
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Date	JAN '20	Date	JAN '20	Date	JAN '20
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Scales	1:500	Status	PLANNING
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Drawing No. C2014B / DR / 0507