

For Construction
These drawings are produced, together with any related data, to inform the setting out and construction of the works. To be read in conjunction with all working drawings.

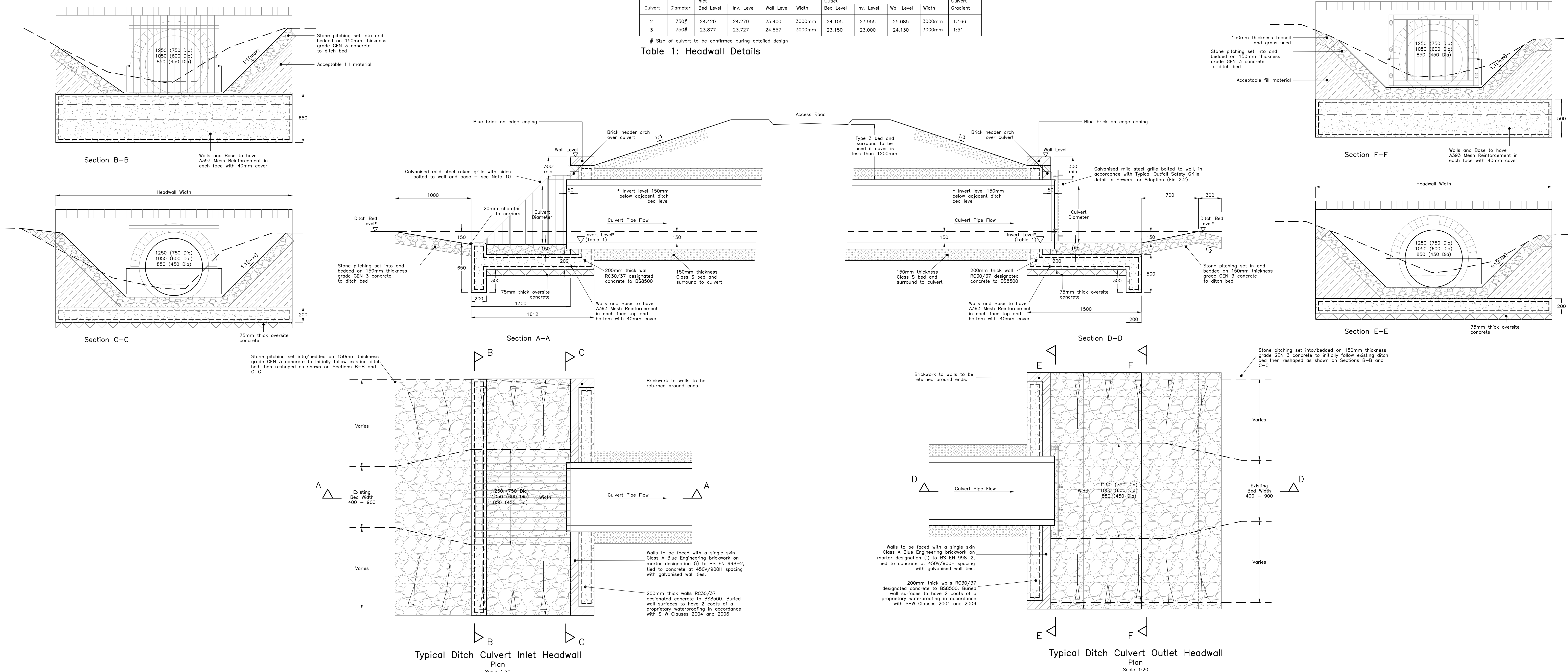
NOTES

1. All adoptable highway works to be constructed in accordance with Hampshire County Council's (HCC) current Highway Standard Details and the Specification for Highway Works (Consolidated Edition) November 2005 (SHW), published by The Stationery Office, as amended.
2. All drainage works shall be constructed in accordance with the document 'Sewers for Adoption - A Design and Construction Guide for Developers' 7th Edition as amended, published by WMC plc. All components to be kile marked. Any conflict between the proposals and Sewers for Adoption then Sewers for Adoption shall override.
3. All in-situ concrete and precast concrete components to be designed to BRE Special Digest 1 Concrete in Aggressive Ground.
4. All buried concrete surfaces to have 2 coats of a proprietary bitumen waterproofing in accordance with SHW clauses 2004 and 2006.
5. Concrete to be RC30/37 designated concrete to BS 8500.
6. Min 300mm thickness class 6N granular material fill to be placed behind walls.
7. All mesh to have minimum lap length of 400mm.
8. Outfall structure details based on the Environment Agency's Fact Sheet FD3 'Summary of Requirements for Outfalls'. Culvert Inlet/Outfall details based on CIRIA Report 168 'Culvert Design Guide'.
9. Grilles to be manufactured by:
Althon Limited
Vulcan Road South,
Norwich
Norfolk
NR6 6AF
Tel: 01603 488700
Fax: 01603 488598
E-mail: sales@althon.co.uk
or similar approved.
10. SUBJECT TO TECHNICAL APPROVAL.

Culvert	Diameter	Inlet				Outlet				Culvert Gradient
		Bed Level	Inv. Level	Wall Level	Width	Bed Level	Inv. Level	Wall Level	Width	
2	750#	24.420	24.270	25.400	3000mm	24.105	23.955	25.085	3000mm	1:166
3	750#	23.877	23.727	24.857	3000mm	23.150	23.000	24.130	3000mm	1:51

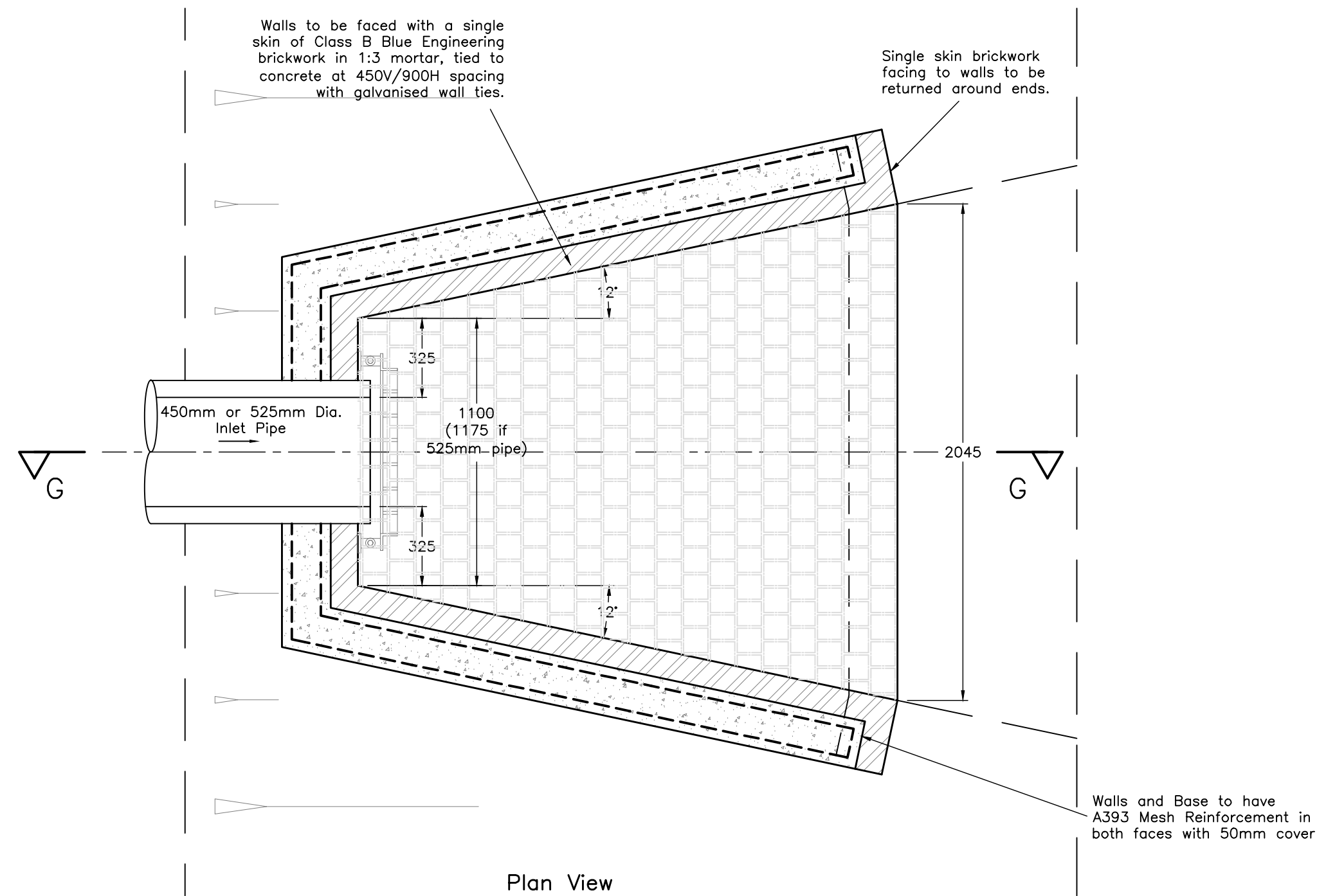
Size of culvert to be confirmed during detailed design

Table 1: Headwall Details

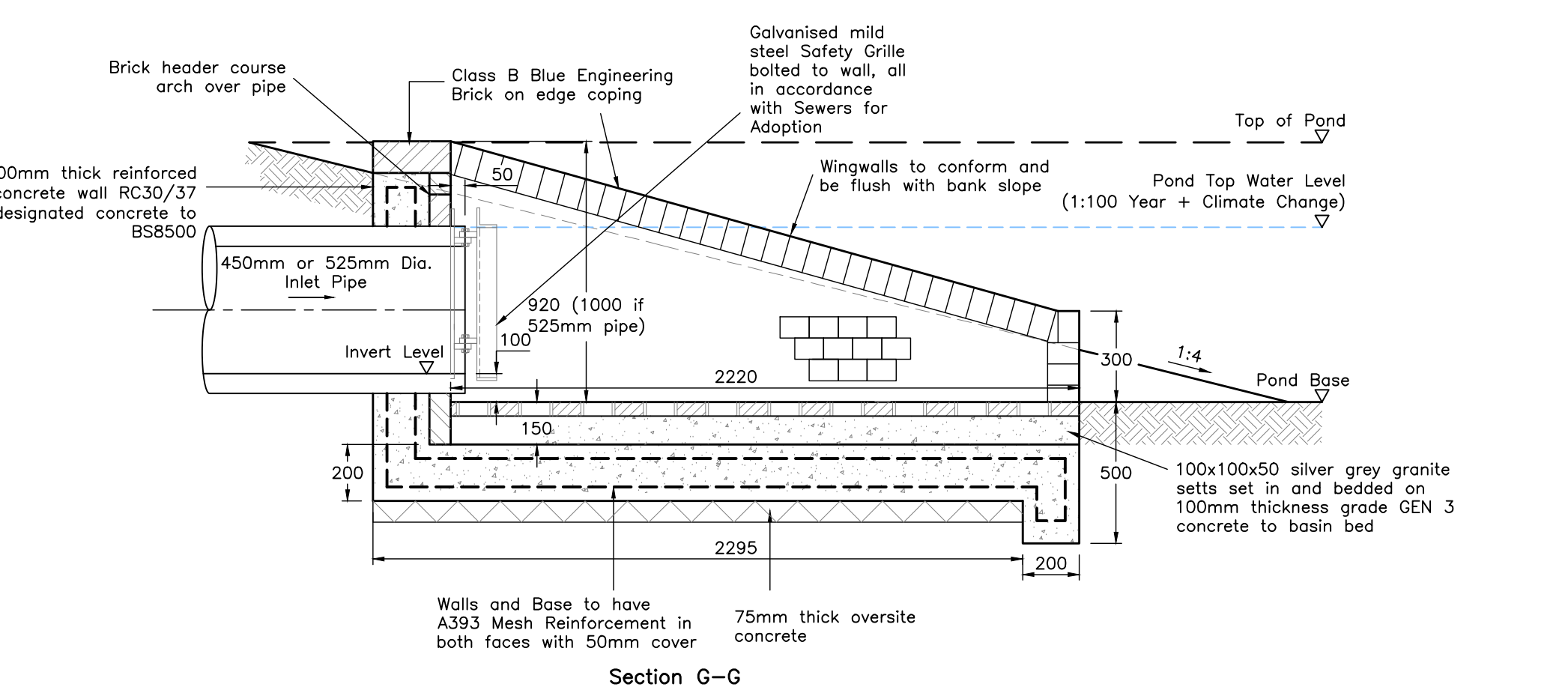


Typical Basin Inlet

Scale 1:20



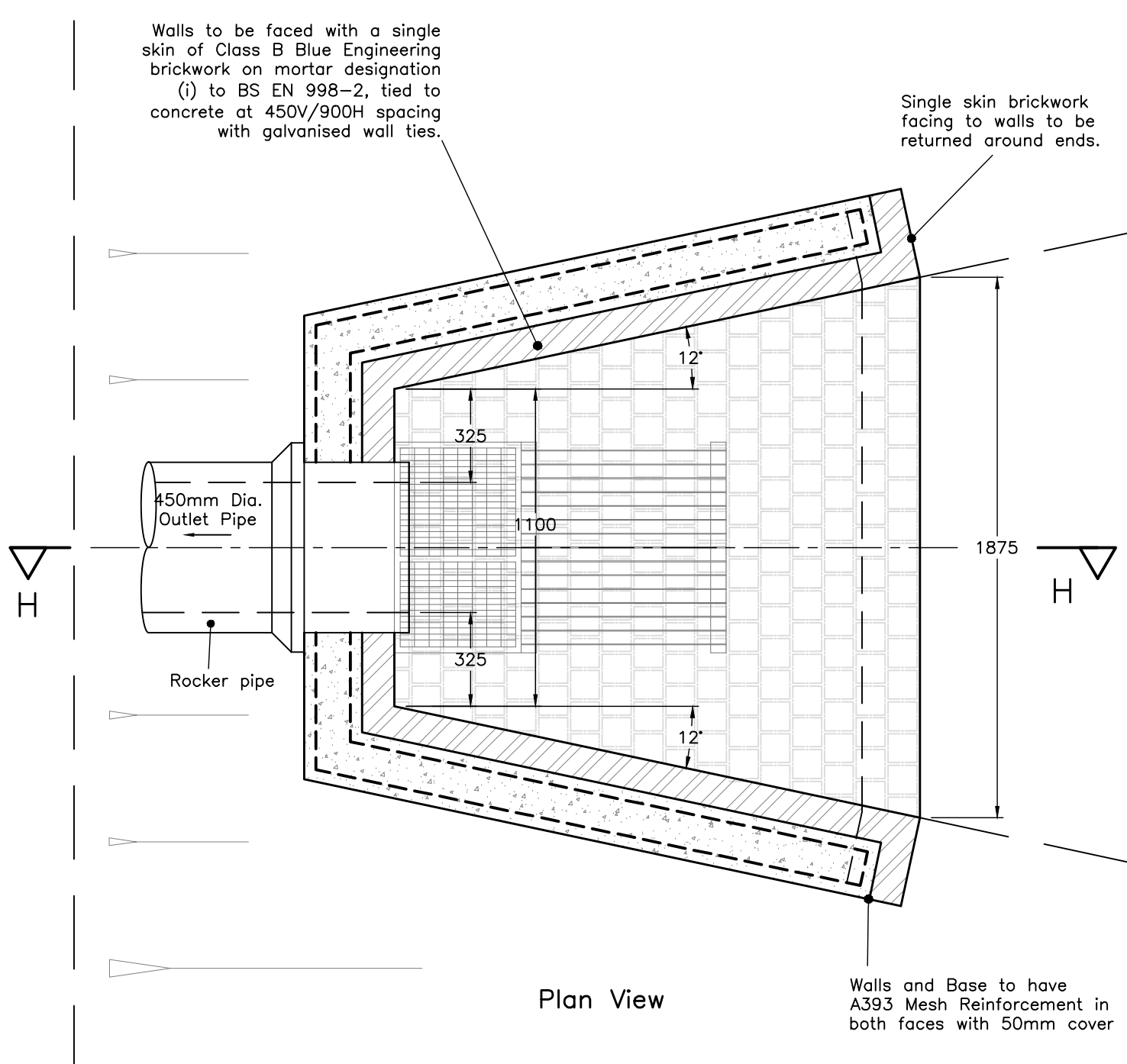
Plan View



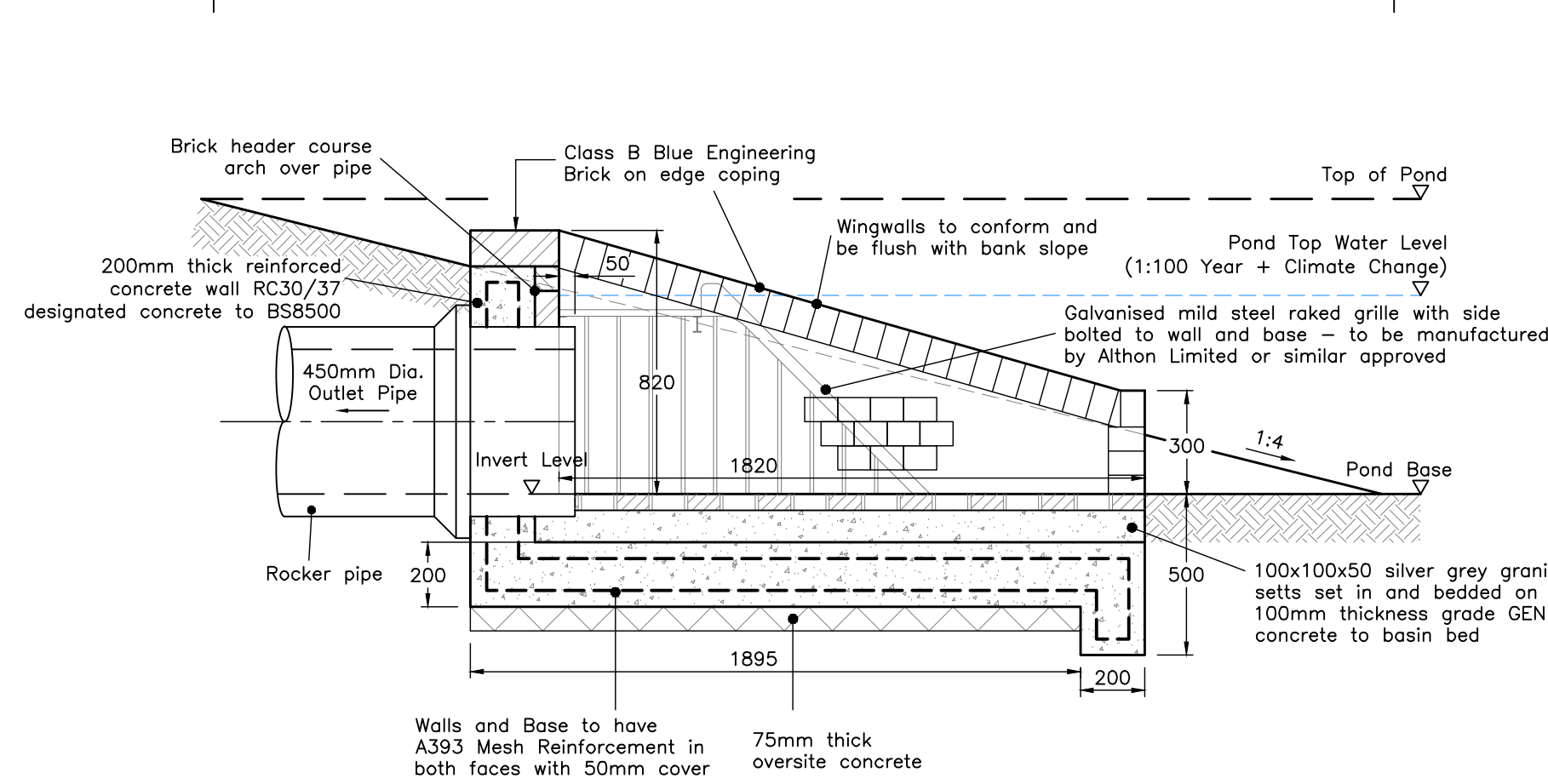
Section G-G

Typical Basin Outlet

Scale 1:20



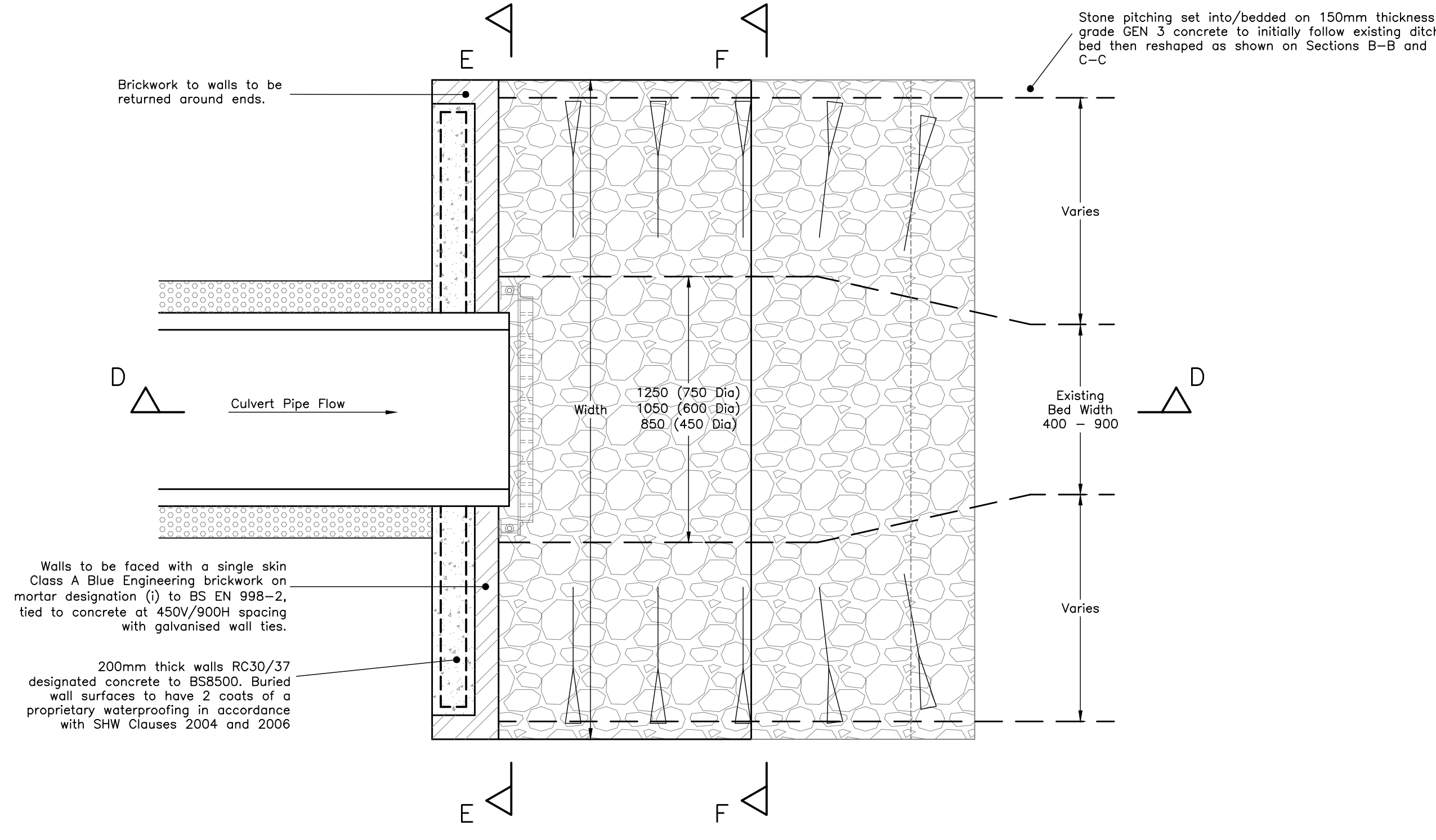
Plan View



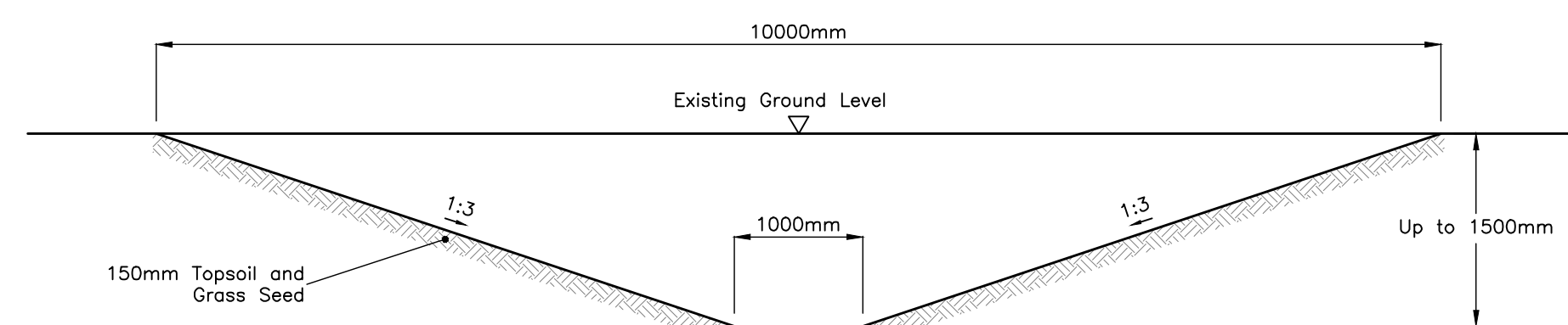
Section H-H

Typical Ditch Culvert Outlet Headwall

Scale 1:20



Plan



Typical Swale Section

Scale 1:50

Rev	Date	Description	Drawn	Check
#	21/02/22	First Issue Drawing revised to For Construction, as instructed by Miller Homes.	JM	CRB

FOR CONSTRUCTION

Client

millerhomes

Project

**Boorley Gardens
Winchester Road
Hedge End
Phase 2**

Drawing Title

Headwall Details

Drawing No.

M434/21

Date: July 2021 Scale: As Shown @ A0
E-Mail: dtrock@pfapl.com