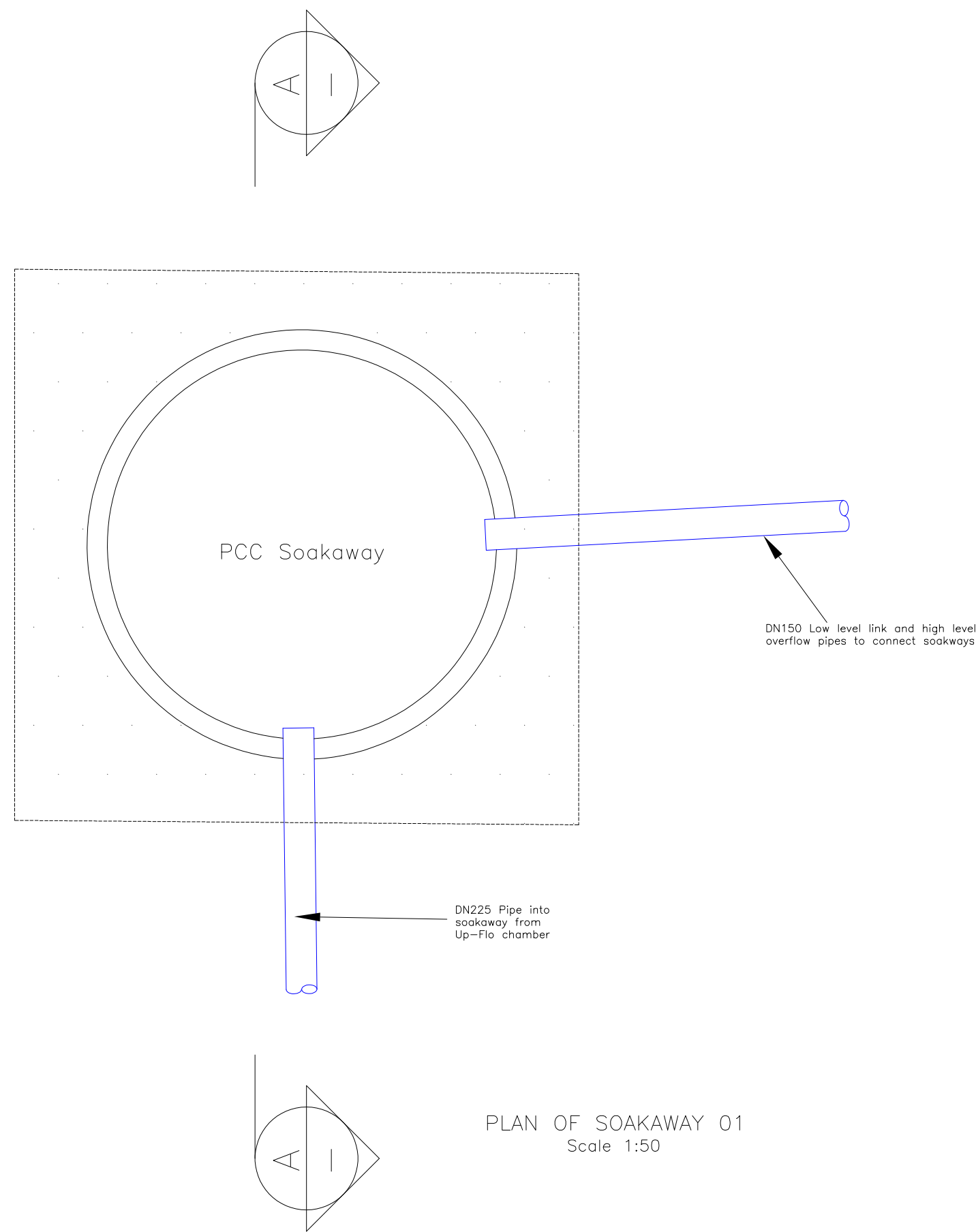
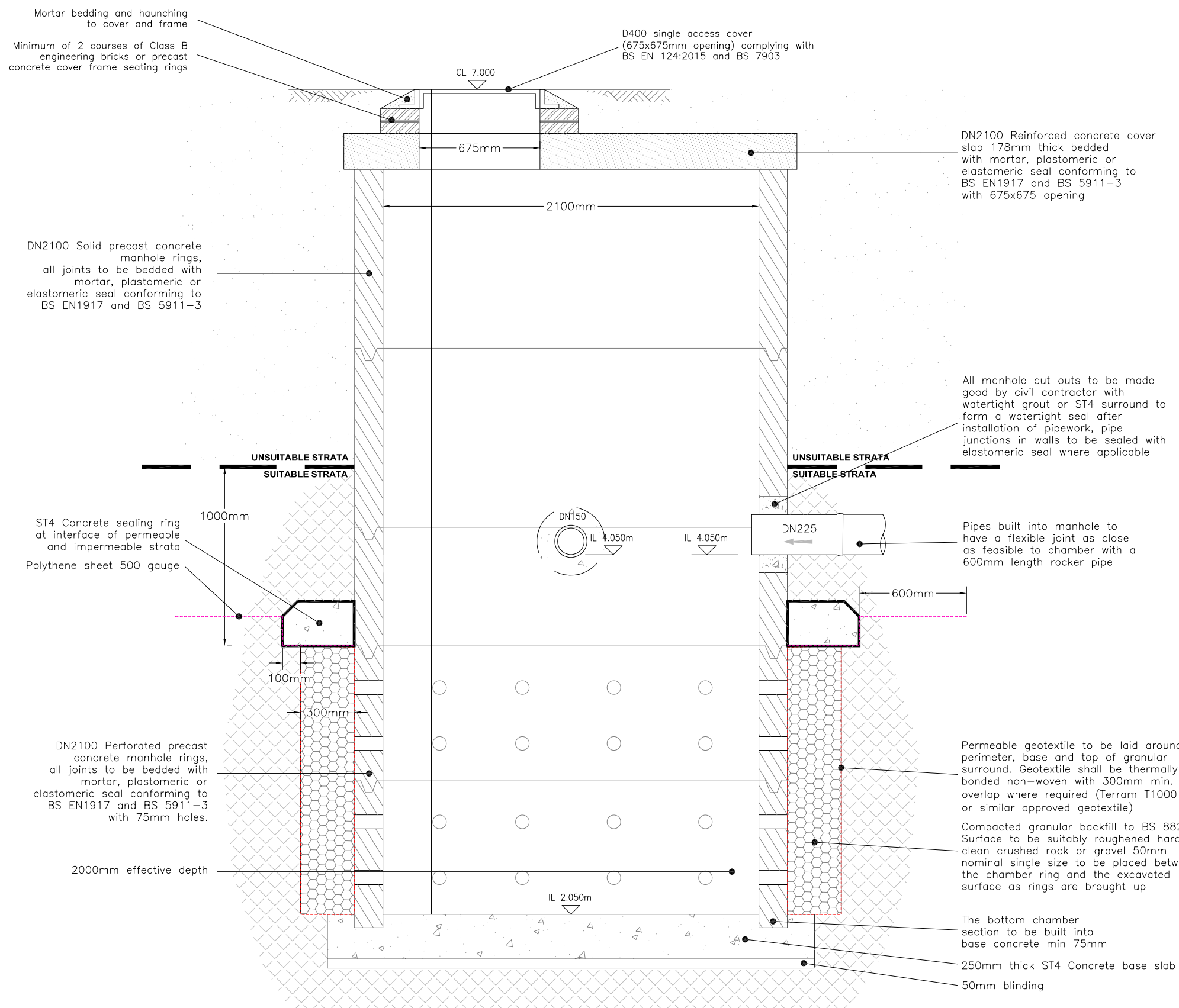




PLAN OF SOAKAWAY 01
Scale 1:50



CONVENTIONAL
SOAKAWAY 01 CHAMBER
SECTION A-A
Scale 1:50

General Notes:

- 1- To be read in conjunction with manufacturer's specifications and instructions;
- 2- All precast units shall be in accordance with BS 5911. The size and depth of the installation is dependent on the existing ground conditions which are to be confirmed prior to commencement of works;
- 3- Pipeline connections to the chamber shall be in accordance with Clause 507 of the Department of Transport's "Specification for Highway Works";
- 4- The soakaway rings shall be supported on a concrete base not less than 250mm thick with a diameter of not less than 150mm the external diameter of the rings themselves;
- 5- The perforated rings shall not commence less than 1m below the interface between the overlying unsuitable strata and the suitable strata, the depth of the unsuitable and suitable strata is to be confirmed prior to commencement of works and reported to the engineer;
- 6- The granular backfill of the perforated chamber shall be 50mm nominal single sized hard, clean, crushed rock or gravel complying to BS 882 and compacted in accordance with the 600 series clauses of the department of Transport's "Specification for highway works";
- 5- The granular backfill shall be sealed at the level of the highest perforated ring by a layer of 500 gauge polythene. This shall be abutted and extended 600mm up the sides of the chamber and excavation;
- 6- The polythene shall be capped with class ST4 concrete to a nominal thickness of 0.15mm;
- 7- The remaining excavation shall be backfilled according to the 600 series clauses of the department of Transport's "Specification for Highway Works";
- 8- All joints, soakaway holes and lifting eyes in the precast concrete rings that are located in unsuitable strata and extending 1 metre into the suitable strata below the interface with the unsuitable strata shall be sealed with mortar or other sealing material approved by the engineer;
- 9- A safety sign shall be anchored below the manhole cover comprising a 675mm long by 10mm thick safety chain with a 250mm by 125mm by 2mm thick plate attached to the chain with 20x 6mm thick links. The writing stamped onto the plate in 25mm letters shall be "SOAKAWAY X METERS DEEP"

CONSTRUCTION

C	28.09.21	Incoming pipe changed from DN150 to DN225	KTG
B	27.08.21	Incoming and outgoing invert levels amended	KTG
A	04.08.21	Drawing amended, updated to construction	KTG
REV. No.	DATE	DESCRIPTION	INITIALS
Client		 BARGATE MJA CONSULTING CIVIL AND STRUCTURAL ENGINEERS Monarch House, Barton Lane, Abingdon, Oxon, OX14 3NB Tel: 01235 555173 Fax: 01235 523226 	
Project	Manor Farm Bedhampton		
Title	Section through soakaway chamber	Scale	Date
		As shown@A1 Checked	Mar'20 Drawn KTG
Drawing No.		5992:22	Rev C