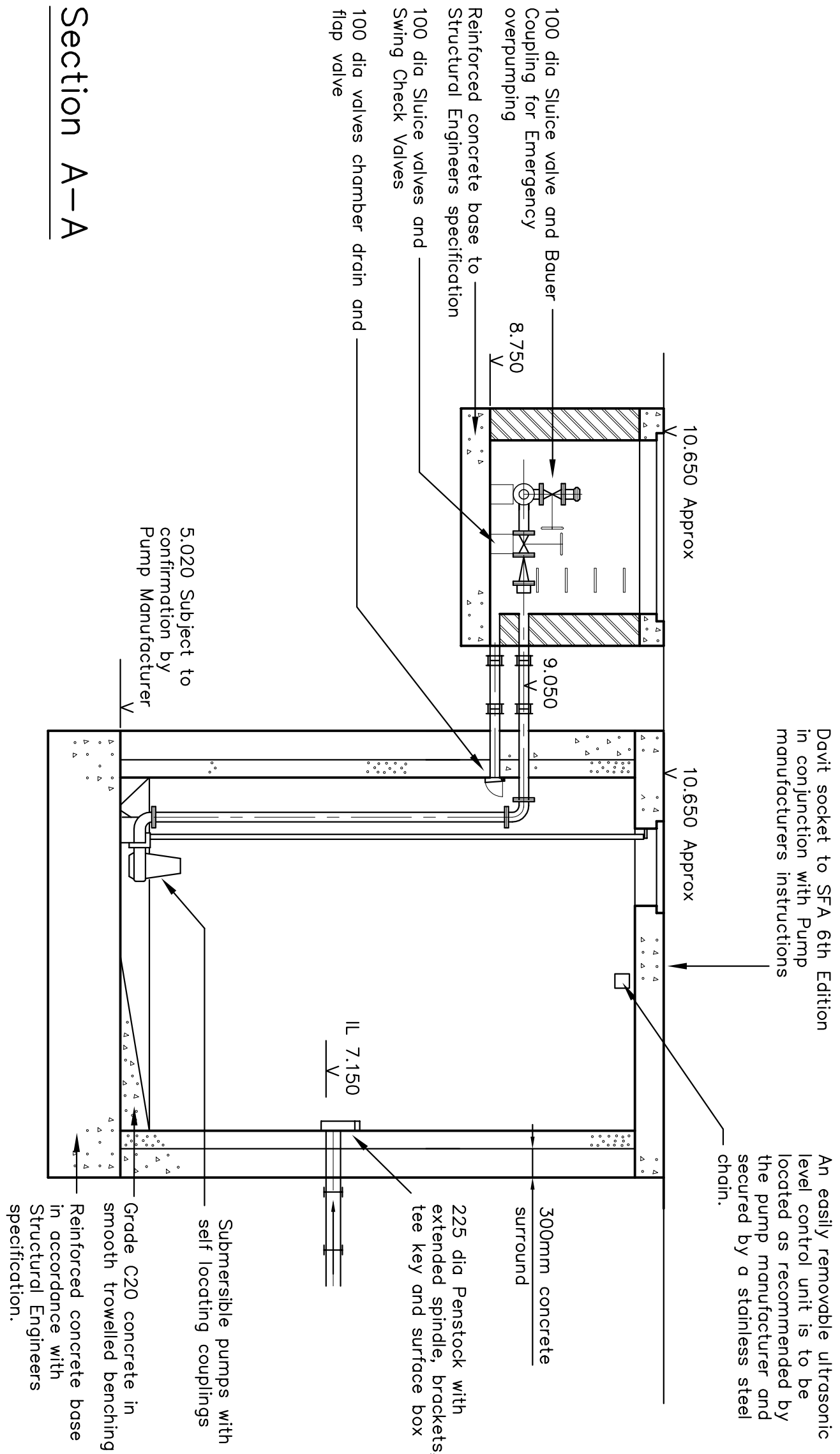


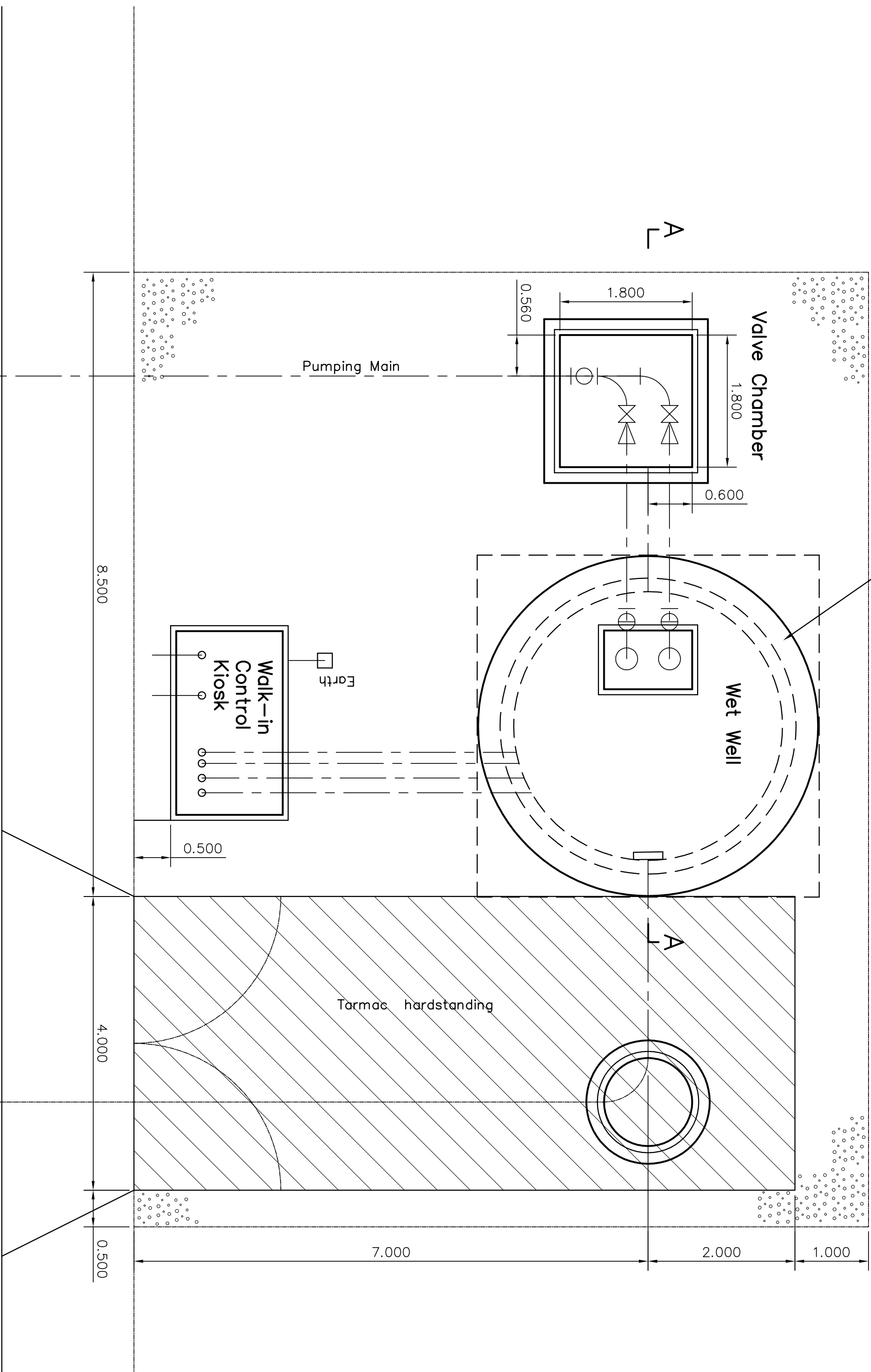


N.B. EMERGENCY STORAGE EQUATING TO 160 LITRES PER DWELLING FOR 96 UNITS HAS BEEN PROVIDED BETWEEN THE HIGH LEVEL ALARM POINT WHICH HAS BEEN ASSUMED TO BE 1.2m DEPTH FROM SUMP LEVEL OF WET WELL TO INVERT OF INCOMING FOUL SEWER.

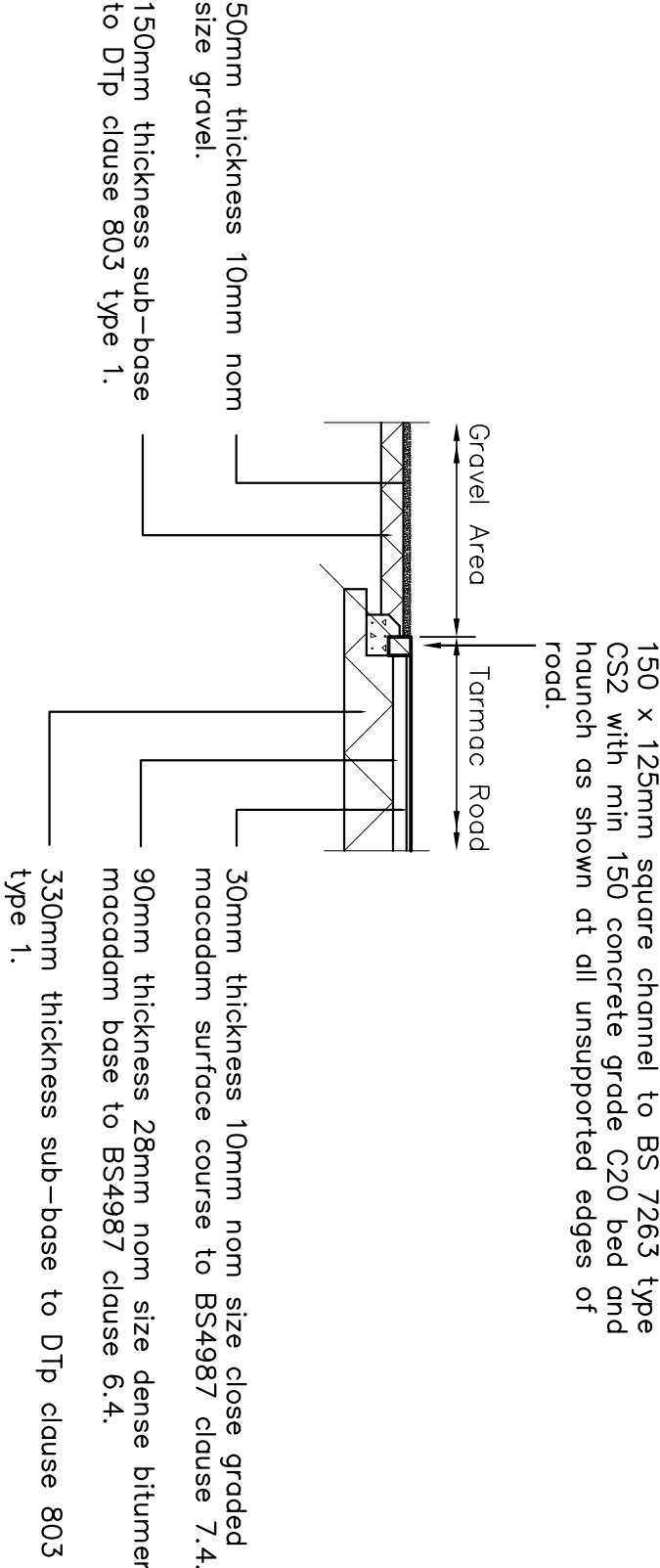
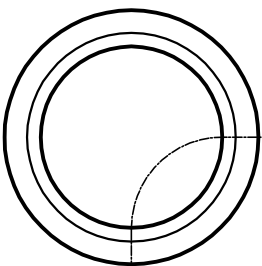
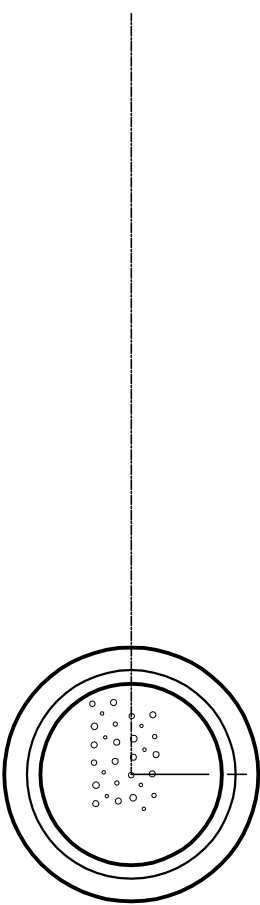
N.B. INDICATED DETAILS MUST BE READ IN CONJUNCTION WITH THE PUMP MANUFACTURERS DRAWINGS AND INSTALLED/ CONSTRUCTED IN ACCORDANCE WITH SOUTHERN WATER SERVICES REQUIREMENTS.

Wet well comprising 3.65m dia precast concrete manhole rings to BS5911 with min 0.300m thickness concrete grade C20 reinforced with 10mm dia concrete base and cover slabs to Structural Engineers specification.

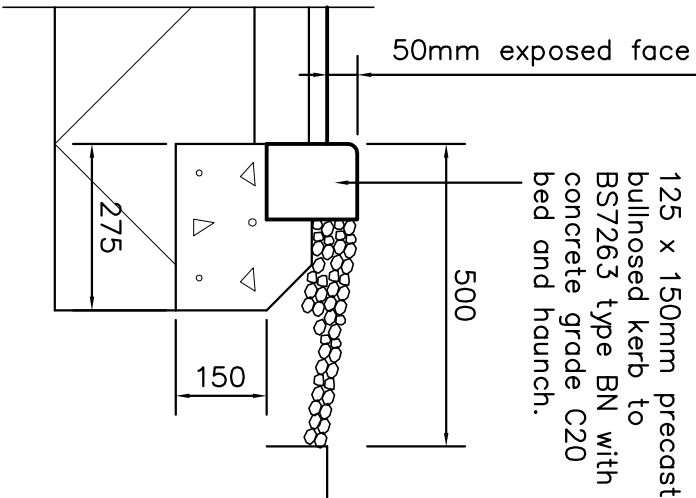
Note: Fencing and gates specification to compound to be confirmed by Southern Water



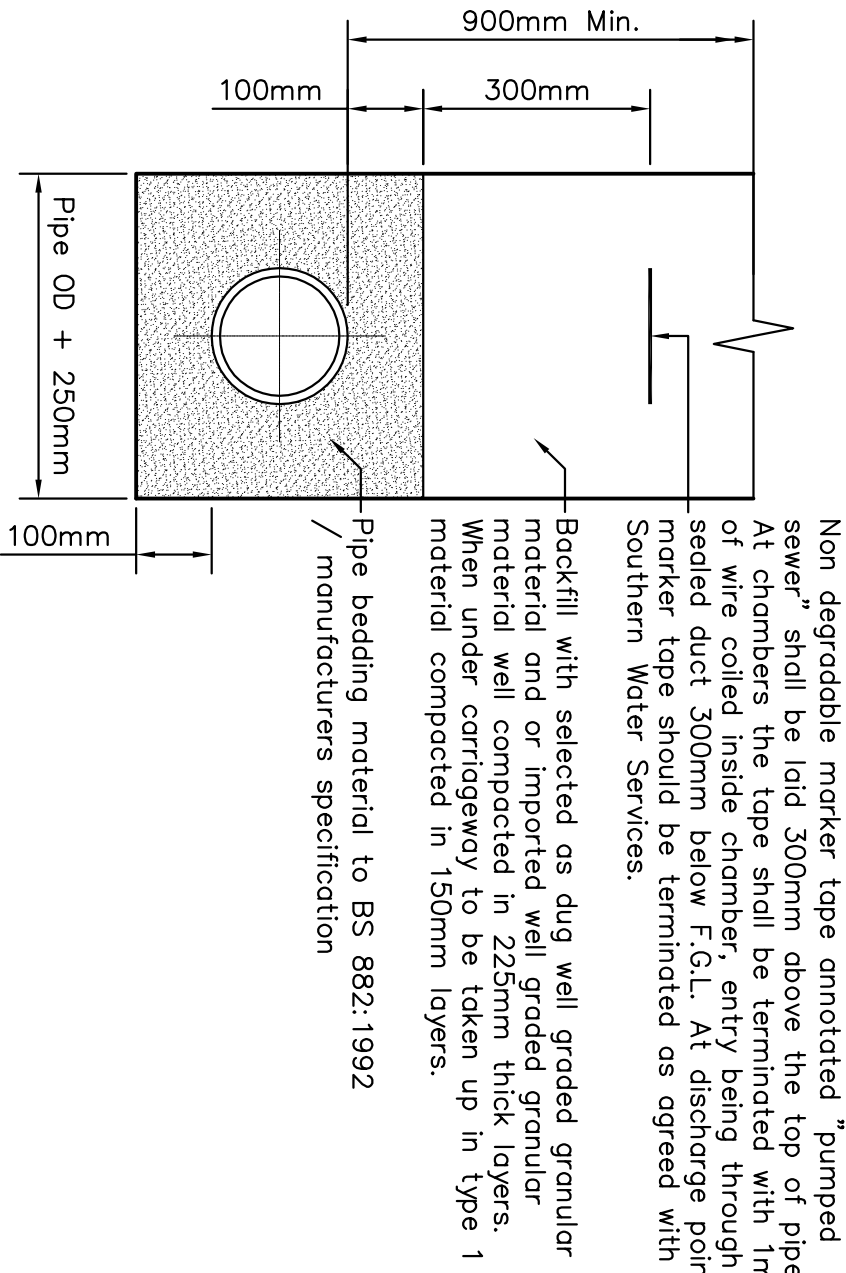
General Arrangement of Foul Pumping Station



Construction of Tarmac and Gravel Areas



Kerb Detail



Pumping Main Bedding Detail

The Contractor is to check and verify in conjunction with the Architects details of setting out, levels, building and site dimensions, levels and sewer invert levels of construction, levels and ensure that the work is carried out in accordance with the relevant British Standards, British Standards specifications, Building Regulations etc., whether or not specifically stated on this drawing.

This drawing is not intended to show details of ground conditions or ground dimensions. Each dimension shown is to be confirmed by the Contractor. The Contractor is to ensure that the work is carried out in accordance with the relevant British Standards, British Standards specifications, Building Regulations etc., whether or not specifically stated on this drawing.

Where existing levels are shown to be related they should be subject to a full Architectural survey from existing and reference from drawings and levels were possible. Verification is to be provided to accommodate the proposed time profile, where applicable.

It is the responsibility of the Contractor to ensure that the work is carried out in accordance with the relevant British Standards, British Standards specifications, Building Regulations etc., whether or not specifically stated on this drawing.

Immediate action must be taken to rectify any errors or omissions. No liability will be accepted for omissions made by other persons.

Notes

1. The pumping station is to be constructed to comply with Sewers for Adoption 6th Edition and the requirements of the Southern Water Services Limited.
2. This drawing is to be read in conjunction with drawings supplied by the pump manufacturer and structural engineer.
3. A devit socket is to be cast into the cover slab of the wet well and lifting devit supplied in accordance with the pump manufacturer's specification and S.F.A. 6th Edition (3.3.15)
4. All cable connections are to be outside the wet well in a purpose built chamber. This chamber should be adjacent to the wet well and protected from water ingress.
5. The wet well is to be suitably protected by temporary barriers when access to the pump is required.
6. Gravel areas within the pumping station compound are to comprise angular gravel.

PRELIMINARY
DRAWING
SUBJECT TO APPROVAL

Rev.	Description	Date	By
Client	Bloor Homes Southern		
Project	Fairfield Road Havant		
Title	Pumping Station Details		
Scale	NTS	Drawn	JB/RGW
Date	JUN 2011	Checked	
File	HAV-320.dwg	Drawing	11010/320

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