

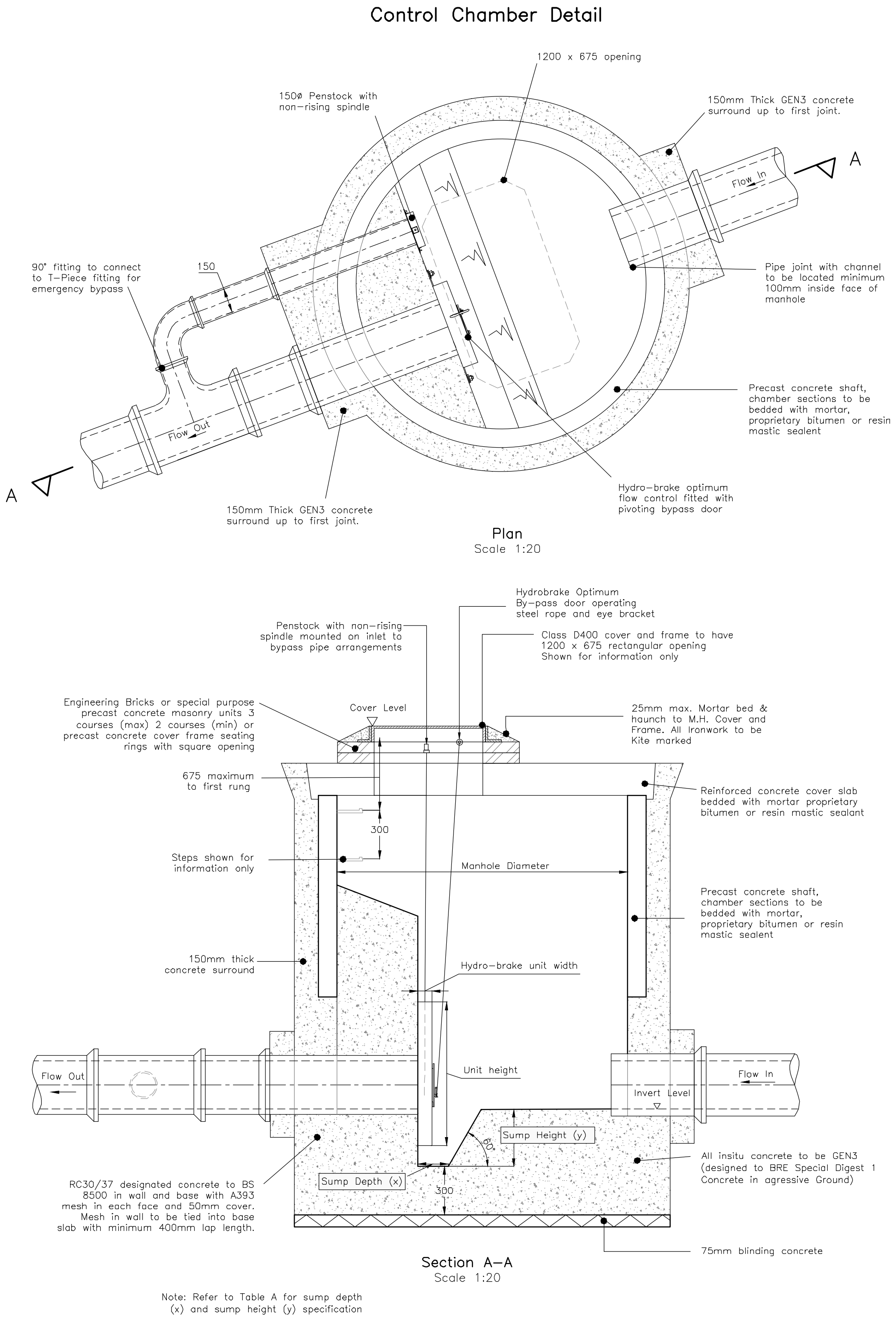
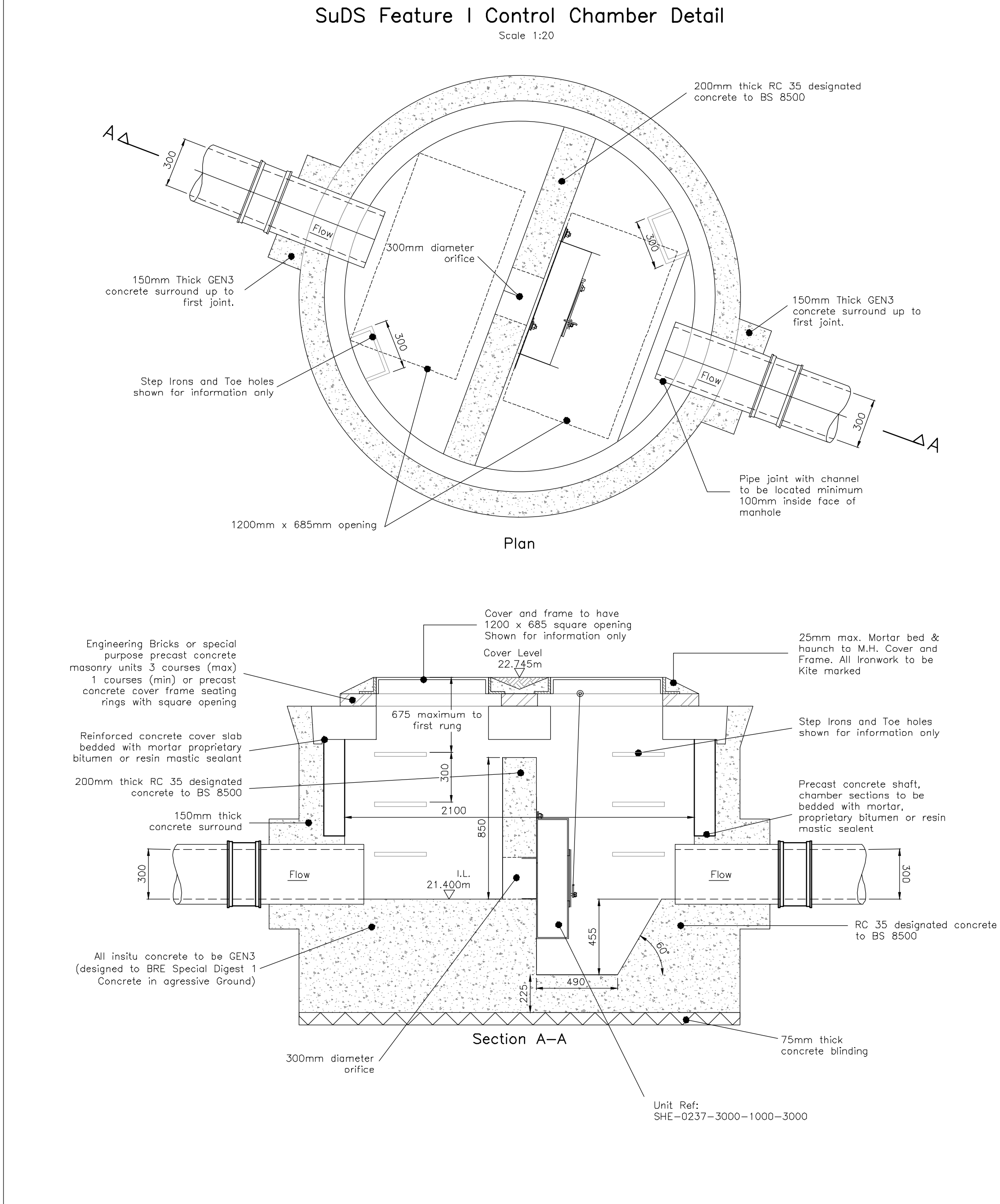


Table A: Hydrobrake Details						
SuDS Feature	Hydrobrake model	Approximate Cover Level	Incoming Invert Level	Manhole Diameter & Type	Sump depth (x)	Sump Height (y)
A	SFF-0190-1840-1000-1780	16.50	15.30	1800 Type C	390	400
E	SHE-0244-3230-1000-3230	16.30	15.10	1800 Type C	500	445
Northern Bio-retention Swale	SHE-0077-2300-0650-2300	17.45	16.45	1500 Type C	170	285
Southern Bio-retention Swale	SHE-0069-2000-0900-2000	17.60	15.77	1500 Type B	150	305
Highways Basin	SHE-0112-5700-1000-5700	16.30	15.35	1800 Type C	240	350
L1	SFF-0241-3960-2000-3250	20.90	17.80	1800 Type B	500	485
J	SFF-0224-2960-1760-2870	19.64	21.30	1800 Type B	460	505
K	SHE-0160-1350-1450-1350	19.90	18.15	1500 Type B	340	435



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For Construction
This drawing is produced, together with any related data, to inform the setting out and construction of the works, subject to the grant of Technical Approval(s) and Consent(s). To be read in conjunction with all working drawings.

DRAINAGE NOTES

- All drainage works shall be constructed in accordance with the Design and Construction Guidance (DCG) published by Water UK. Any conflict between the proposals and the DCG then the DCG shall override.
- Sewers and drains of different diameters should be laid soffit to soffit unless specified otherwise.
- All sewers in adoptable highways with less than 1.2m cover, or 0.9m cover in verges, to have 150mm Type 2/Class 2 concrete surround. Concrete to be GEN3 to BS8500, 20mm max size aggregate, Class S2 consistence.
- The Contractor shall verify the invert levels of any existing inspection chamber/manhole or pipe, where drainage connections are to be made, prior to commencement of drainage works. Any discrepancies with levels and gradients shown on the construction issue drawings must be reported to PFA Consulting and the Contractor shall seek clarification regarding any construction issue prior to continuing the drainage works.
- All dimensions shown in millimetres (mm) unless otherwise stated, and all levels relate to Ordnance Datum.
- The backfilling of drainage trenches which are in close proximity to foundations must be in accordance with any special requirements set out by the Structural Engineer.
- All in-situ concrete and precast concrete components shall be designed to BRE Special Digest 1 Concrete in aggressive ground. Concrete shall be to BS8500.
- Pipes built into manholes should have a flexible joint as close as feasible to the external face of the structure and the length of the next rocker pipe should be:

Nominal Diameter (mm)	Rocker Pipe Length (M)
150 - 600	0.60
601 - 750	1.00
Over 750	1.25

Rev	Date	Description	Drawn	Check
#	24/06/22	First Issue.	DAB	SAM
A	16/03/23	Drawing status updated	DAB	SAM
B	18/04/23	Control chamber details updated	DAB	
C	28/04/23	Manhole type added	DAB	SAM
D	14/08/23	SuDS Feature I, J & K added	DAB	
E	11/10/23	Table A updated	DAB	

Status

FOR CONSTRUCTION

Client

Eastleigh Borough Council

Project

One Horton Heath

Drawing Title

Typical Control Chamber Details

Drawing No. **G277/90**

Rev E

Date: June 2022 Scale: As Shown @ A1
E-Mail: DBuciak@pfaplc.com