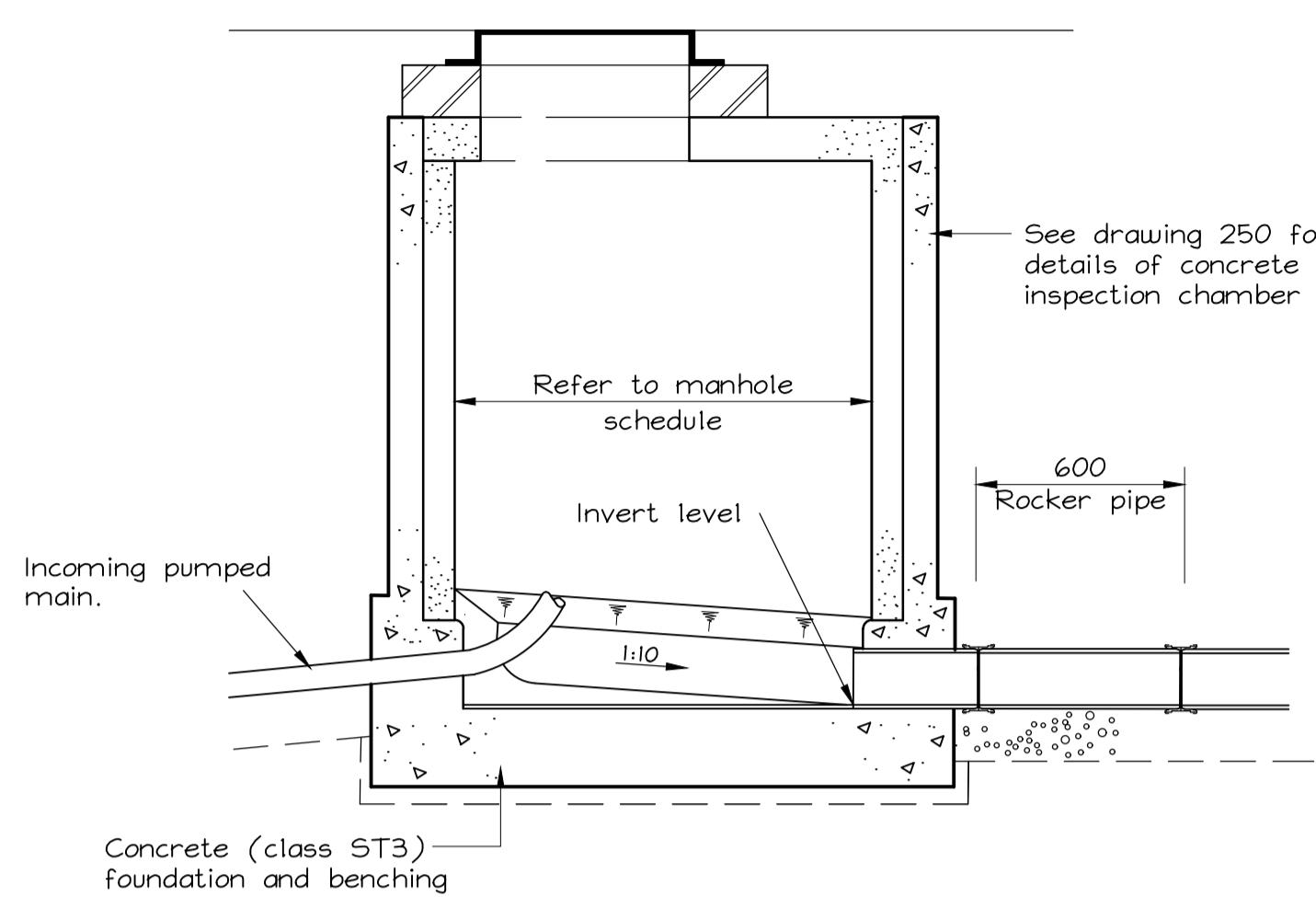


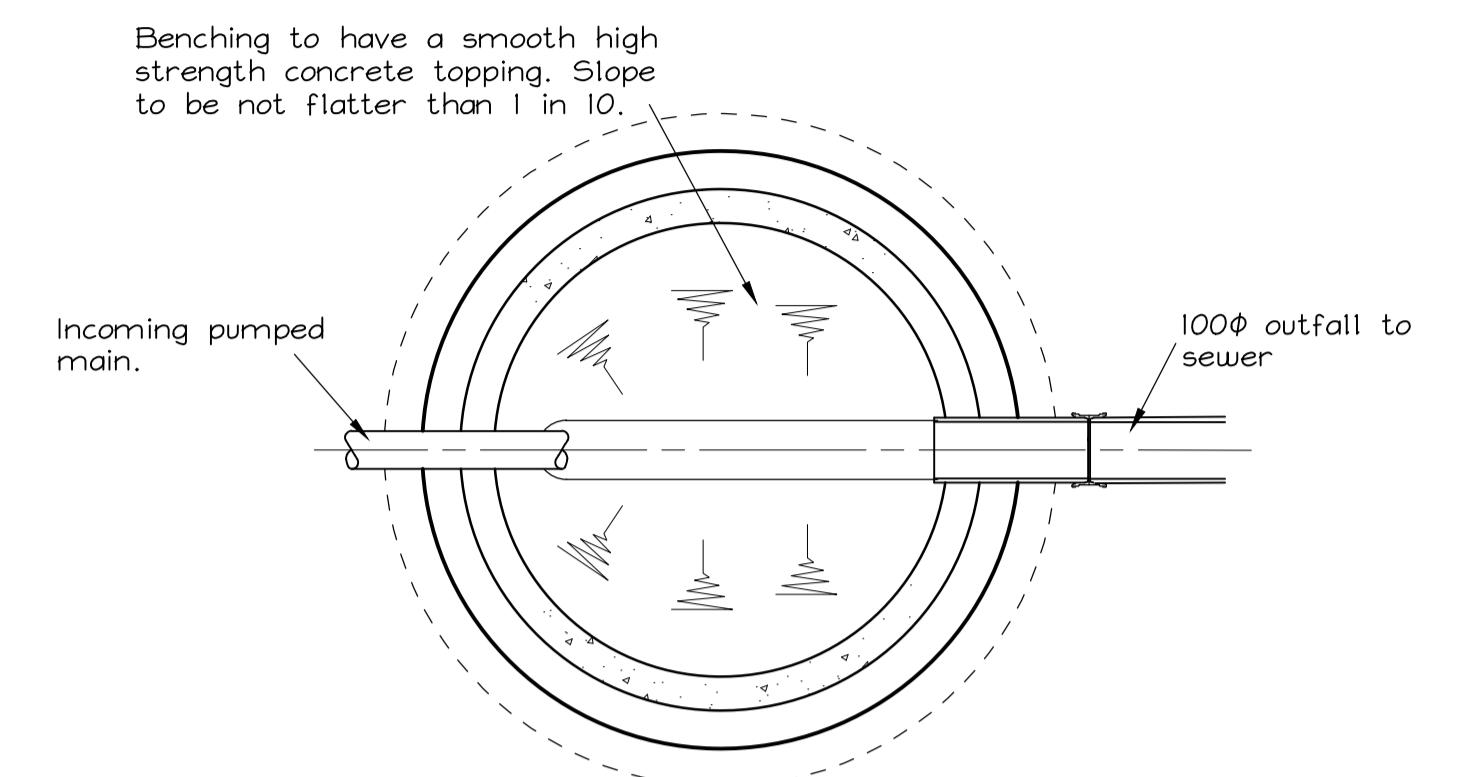
General Notes

- All concrete used in drainage works shall comply with BRE Special Digest SD1 for the following aggressive conditions in the ground:
 - Design sulphate class 1 (ST4 etc) should also be observed. Concrete mixes should meet the most onerous design criteria between strength and resistance to chemical attack.
- Pipes and channels to be either:
 - Concrete to BS EN 1916 & BS 5911 Extra Strength Vitrified Clay to BS EN 295 Unplasticised PVC to BS EN 1482
- All flexible pipes in trafficked areas with less than 900mm cover to have concrete surround.
- All flexible pipes in gardens and planted areas with less than 600mm cover to have concrete surround.
- Backfill material to pipe trenches serving manholes shall be selected and compacted in accordance with the Highway Authorities & Utilities Committee Specification for the Rehabilitation of Openings in Highways-June 1995 Acceptable materials (HAUC Specification Appendix A1)
 - Class A - Graded granular
 - Class C - Cohesive/granular
 - Compaction to be in accordance with HAUC Specification Appendix A8.
- Beneath non-trafficked areas backfill shall be Type B
- Manhole covers and frames are to be in accordance with BS EN124:
 - Class D400 for carriageways
 - Class B125 for footways, pedestrian areas & car parks
 - Class A15 for areas only subject to pedestrians.
- The minimum size of any manhole serving a sewer (i.e any drain serving more than one property) should be 1200mm x 675mm rectangular or 1200mm diameter.
- Where drainage passes within 300mm of the underside of the floor slab, concrete protection is required. Greater than 300mm, granular bed and surround 100mm thick is to be used.

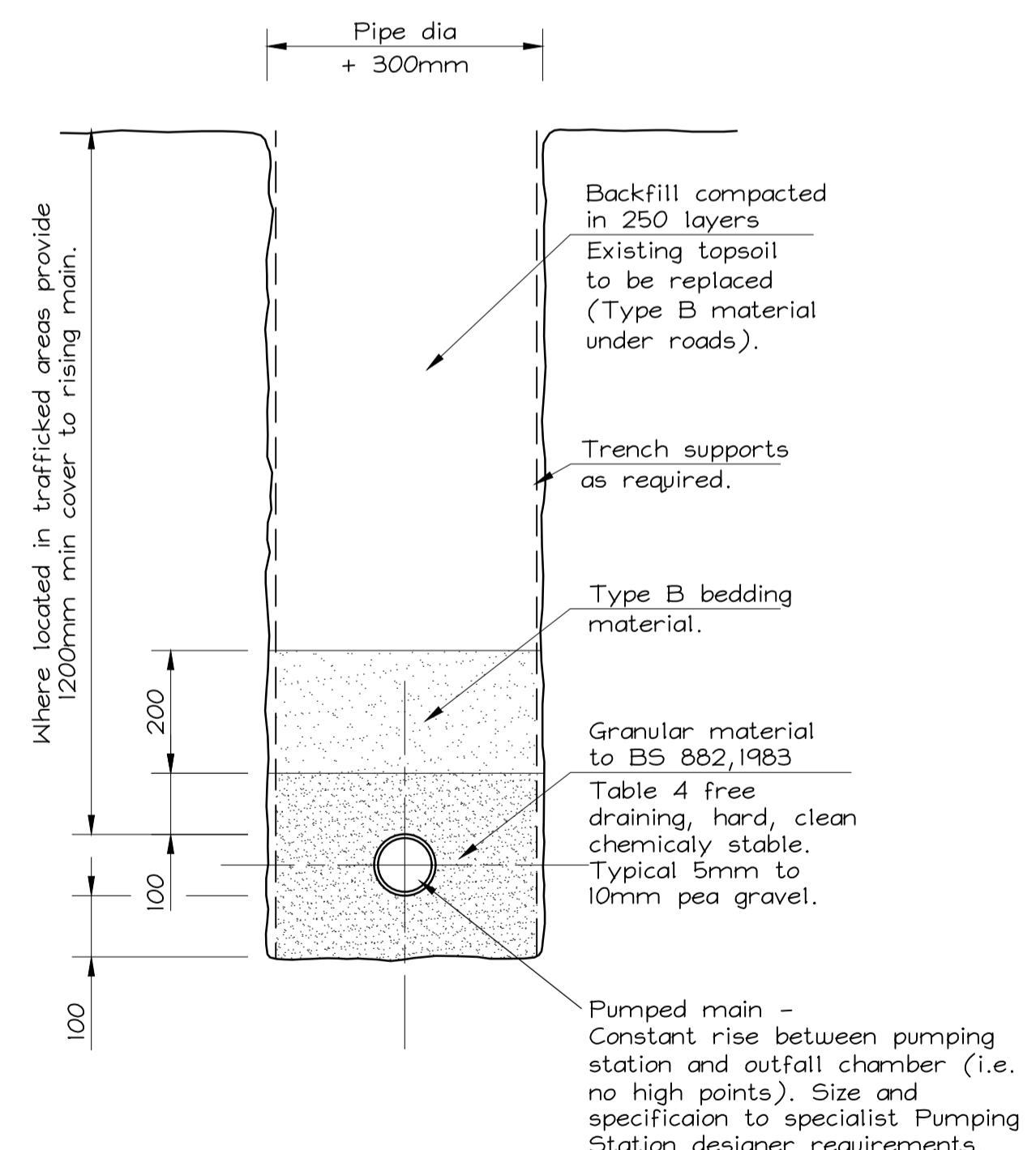


Section

Pumped Main Outfall Chamber



Plan



Pumped Main Typical Section

A	First Issue.	JT 24.04.26
Rev	Description	By Date
KRYSYL ENGINEERING LTD 1 STATION ROAD SOUTH, MERSTHAM, SURREY RH13 3EF 01737 333139		
		
Project		
LAND AT: GREENSLEEVES, TILTWOOD, HOPHURST LANE, CRAWLEY DOWN. RH10 4LL.		
Drawing Title PUMPED MAIN DETAILS		
Drawing No.	Revision	
7684-254	A	
Scale	1:20 @ A1	Date
		SEPT 2025
Drawing Status	PRELIMINARY	
Drawn By	Checked By	
JT	KH	
Client	TILTWOOD HOMES	