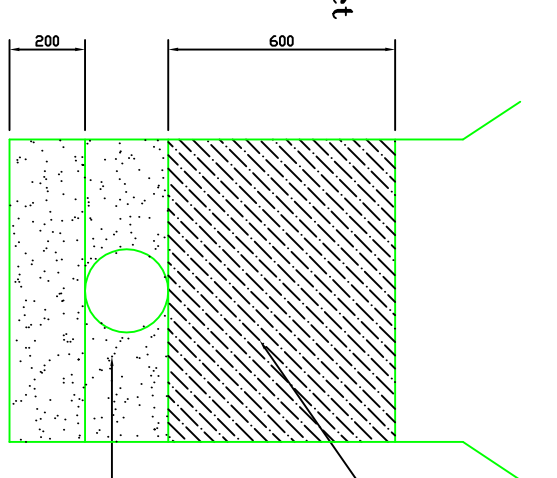
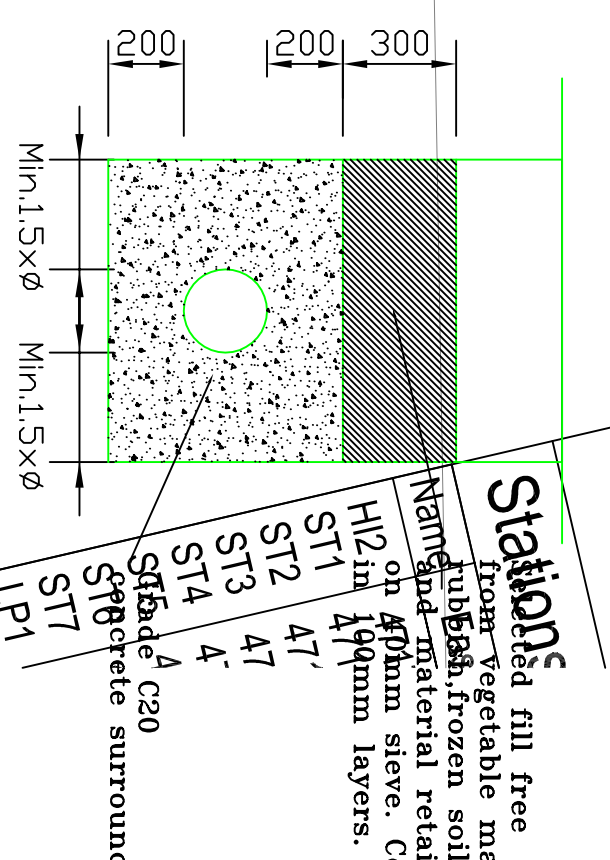
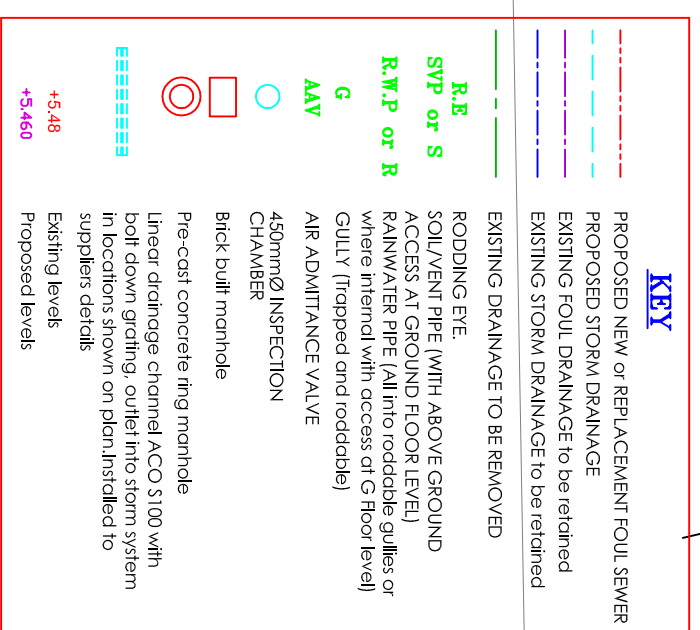


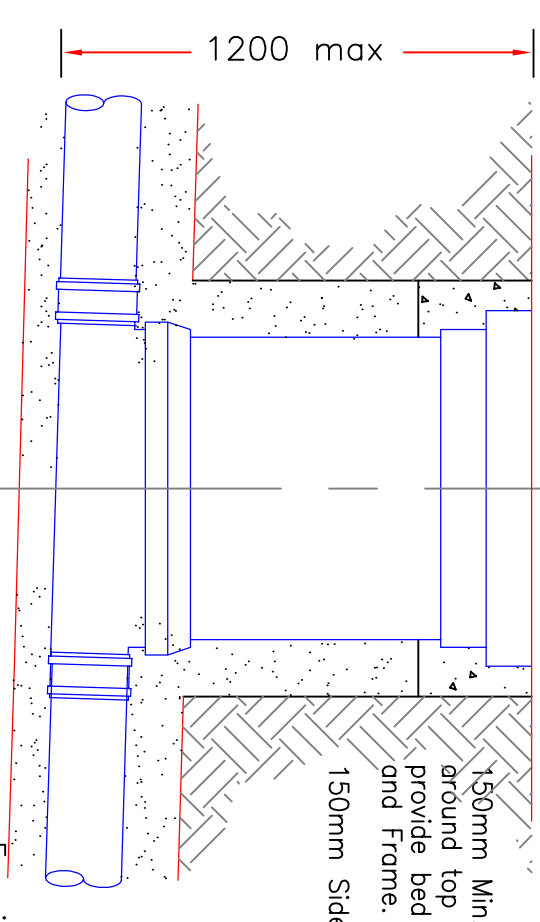


Station	from vegetable matter, tubed, frozen soil
Name	and material retained on 475mm sieve. Compacted in 490mm layers.
H12	
CT1	

Selected fill free from vegetable matter, rubbish, frozen soil and material retained on 40mm sieve. Compact in 100mm layers.

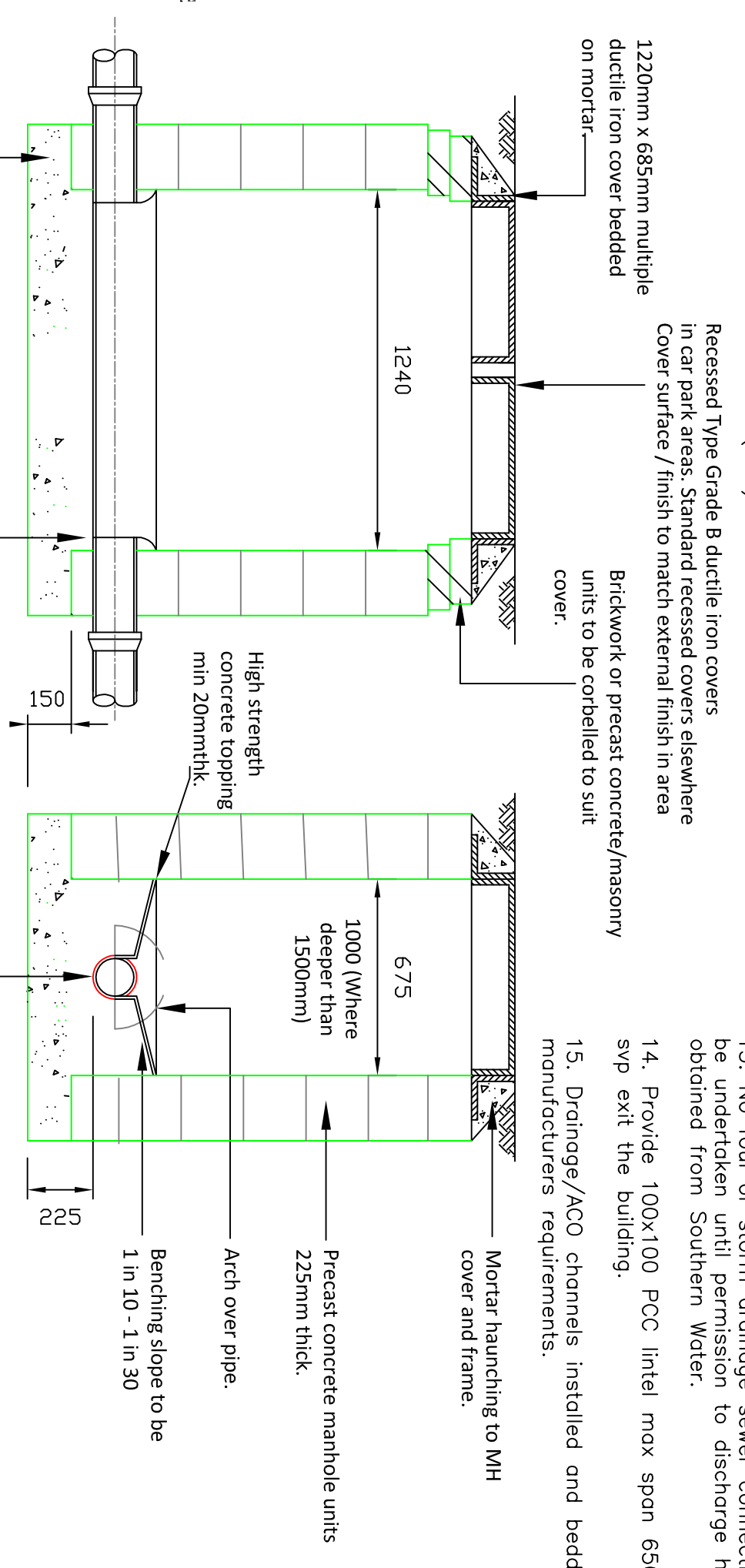
NOTES

1. This drawing is to be read in conjunction with all relevant Engineers and Architects drawings and the Specification.
2. All dimensions are in millimetres unless noted otherwise. All levels are in Metres above an arbitrary datum and not to Ordnance Datum.
3. In accordance with CDM 2015 the Contractor is to:
 - Notify HSE of works.
 - Comply with the requirements of Health and Safety Plan (if applicable)
 - Provide risk assessments and method statements for all potential hazards relevant to this project.
4. The main contractor shall be responsible for the setting out and accuracy of all dimensions. He shall satisfy himself that the information given is correct and any discrepancies should be noted to the Engineer immediately.
5. Do NOT SCALE. If discrepancy or query arises on dimensions consult Engineer.
6. The Contractor is responsible for specifying product and codes and ordering of drainage materials.
7. All drainage to be installed to BS3955 Pt6 and in strict accordance with the manufacturers instructions.
8. All PVCu drainage products to conform to BS EN1401 & Kite mark certified in accordance with specification.
9. All drainage pipes on this drawing to be 100mmØ unless shown otherwise. Min. falls 1/80 for foul and 1/100 for storm drainage.
10. Cover grates and gully gratings are in accordance with BS497 Pt 1. All drains, D400 – carriageways, B125 – verges, D400 – footpaths for slow traffic, A15 – inaccessible to vehicles
11. Sewer runs and manholes to be adopted are to be in accordance with Sewers for Adoption, 6th Edition.
12. Any drainage laid less than 600mm below FGL to be covered with minimum 150mm Gen 3 grade concrete to half diameter.
13. No foul or storm drainage sewer connection works to be undertaken until permission to discharge has been obtained from Southern Water.
14. Provide 100/100 FCC inlet max span 650mm where s/wp exit the building.
15. Drainage/ACO channels installed and bedded to manufacturers requirements.



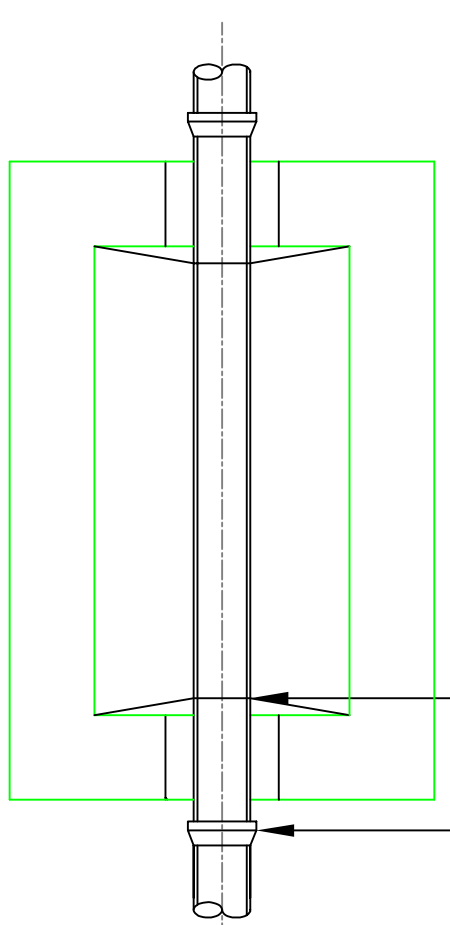
450mmØ INSPECTION CHAMBER

TYPICAL INSTALLATION

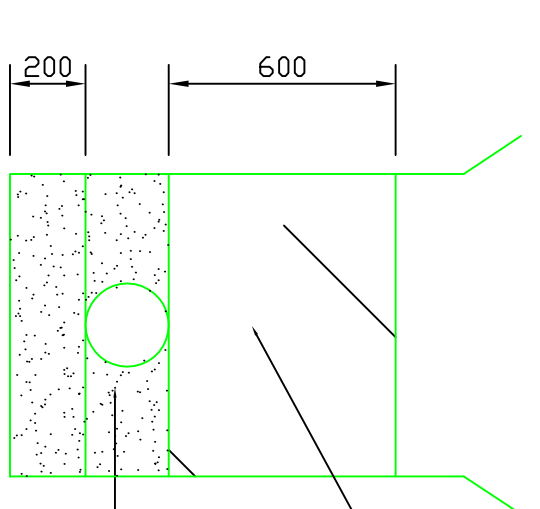


TYPICAL MANHOLE DETAIL - Pre-cast units

MANHOLE CHAMBERS CAN BE MASONRY BUILT OR PRECAST CONCRETE UNITS WITH 150mm C20 CONCRETE SURROUND.

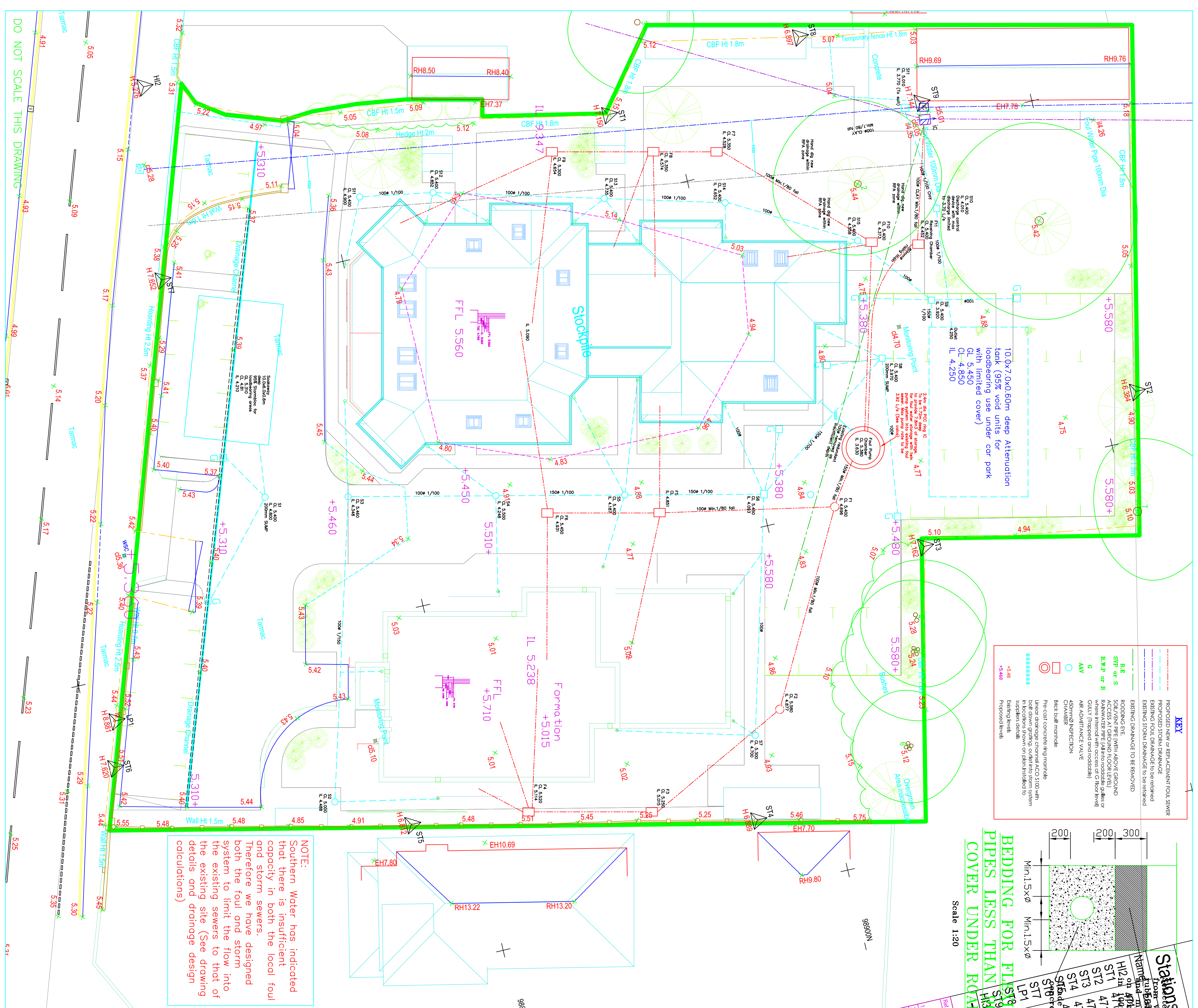


NOTE:
Southern Water has indicated that there is insufficient capacity in both the local foul and storm sewers. Therefore we have designed both the foul and storm system to limit the flow into the existing sewers to that of the existing site (See drawing details and drainage design calculations)



Selected fill free from vegetable matter, rubbish, frozen soil and material retained on 4mm sieve. Compact in 100mm layers.

Class 'P' Full depth granular support, single size material 100 to 150 ϕ pipes and 100 to 150 ϕ pipes for 225 & 300 pipes but not permitted for 100 & 150 ϕ



			Also at: Langford Manor Sturton Isle of Wight PO39 7JG		
STRUCTURAL, CIVIL AND BUILDING CONSULTANTS 3 Tumberby House 4400 Parkway Whiteley Worsley Horwath Horden R015 7JU			Tel: 01489 577493 Fax: 01489 576573 consultants@cowmanconsult.co.uk www.cowmanconsult.co.uk		
Client			Apine Homes		
Project			188-190 Seafront, Hoyling Island		
Title			Drainage General Arrangement		
Date	Mar 18	Scale	1/150	Dwg. No.	
Drawn	EG	Chk'd	QAW		403820-100P9