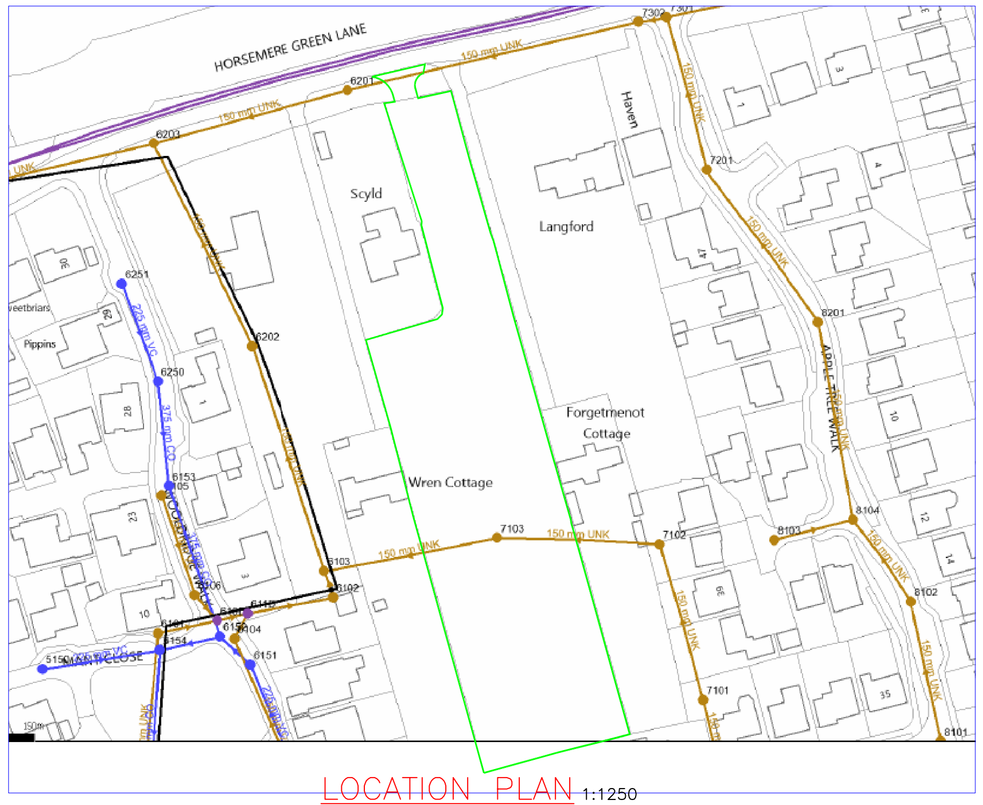


SITE LAYOUT PLAN
1:200



LOCATION PLAN 1:1250

MANHOLE	COVER LEVEL	INVERT LEVEL	CHAMBER DEPTH	CHAMBER TYPE
EX. IC Ⓐ	6.150	3.850	2.300	EXISTING SW7103
NEW IC Ⓑ	6.100	3.789	2.311	TYPE B
NEW IC Ⓒ	5.950	3.661	2.289	TYPE B

FOUL SEWER MANHOLE SCHEDULE

NOTES

1. This drawing has been prepared using a Topographical survey drawing supplied by the client in AutoCAD format.

2. All dimensions are in millimetres unless specifically noted otherwise.

3. Levels are based on an assumed datum of 10.000m. Levels of SWA apparatus shown are based on this site datum and do not relate to OS levels.

4. All pipe connections to manholes shall be provided with a 'rocker pipe' of 600mm effective length in accordance with Cl. 4.6.6. of Sewers for Adoption 6th Edition.

5. Manholes to be constructed without step irons or ladders as required by Southern Water Authority.

6. All drainage and associated works are to comply with Part 5 – Civil Engineering Specification of Sewers for Adoption – Edition 6.

7. The contractor shall be responsible for setting out and the accuracy of all dimensions. He shall satisfy himself that the information given is correct, and any discrepancies shall be notified to the Engineer immediately.

8. In accordance with CDM2015 the contractor is to :–
– Notify H.S.E. of works.
– Comply with the requirements of the Health & Safety Plan (if applicable)
– Provide risk assessments and method statements for all potential hazardous works indicated on this drawing.

9. Any abandoned pipes or manholes are to be grubbed out. Contractor to undertake a CCTV survey to ensure that there are no connections to any apparatus to be abandoned that may be affected by these works. Any laterals found in survey to be connected to diverted sewer.

10. All changes of direction to be greater than 90°.

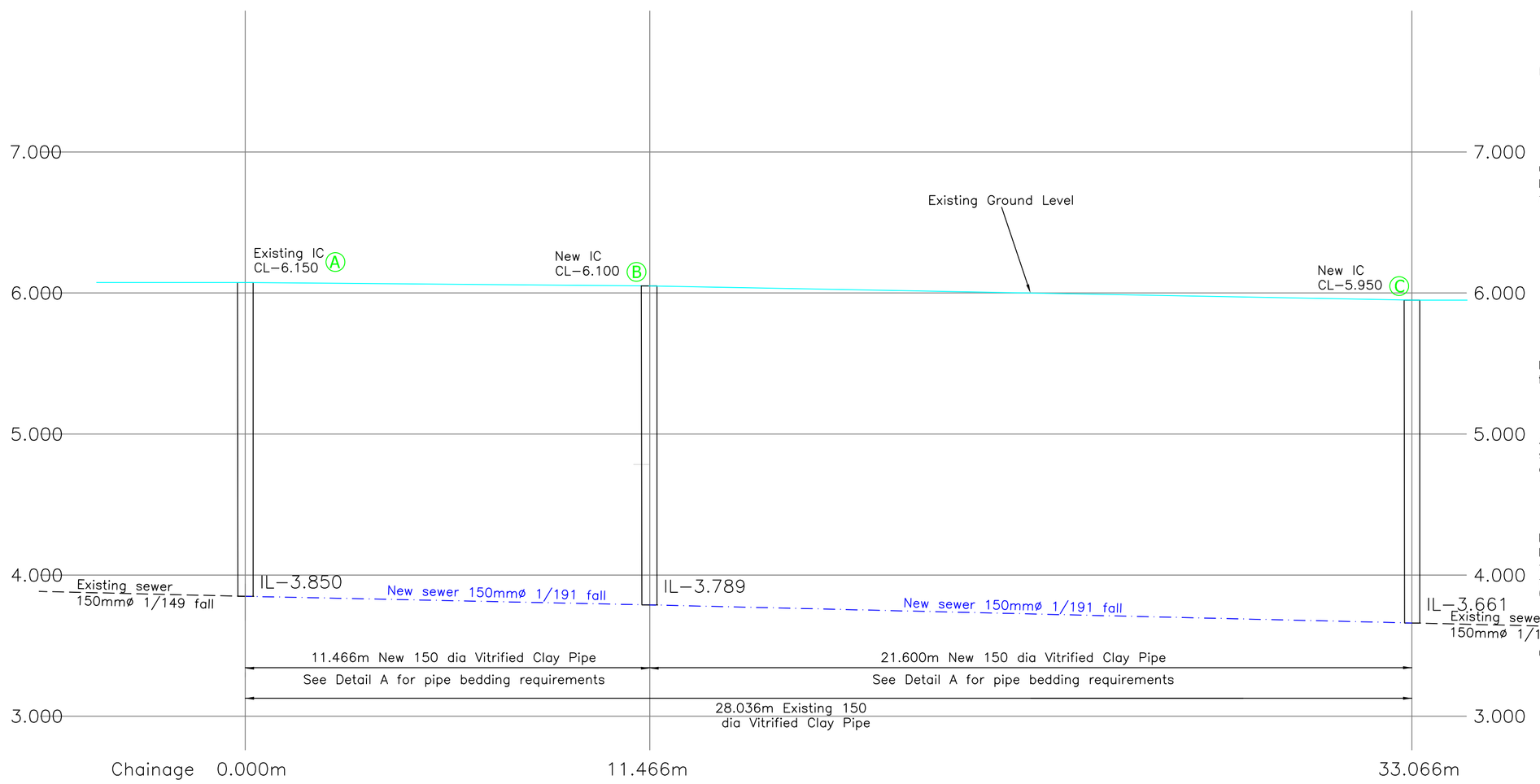
11. Contractor to ensure that existing sewer remains in service until diversion works are completed.

12. All domestic connections from the new development to be directed to new IC A.

13. Highway Authority approval may be required for installation of IC E which is located close to the public highway. Contractor to seek the proper approvals/permissions in due course.

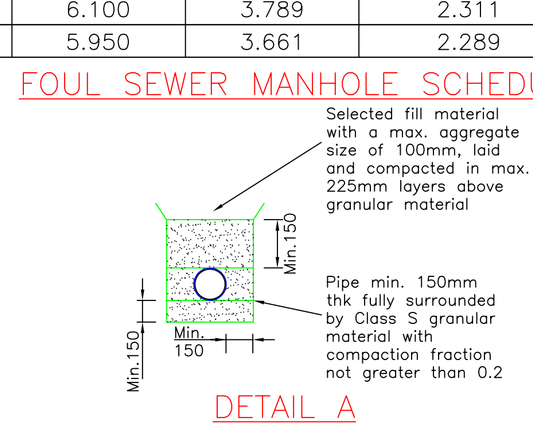
15. New pipework to be vitrified clay type and to be constructed to the following specifications. Systems that are resistant to a jetting pressure of 4000psi. Systems that minimise the number of joints in the system, by using 3 metre pipe length. Systems that do not have lip seal joints, hence preventing root ingress.

16. The diameter of the sewer to be diverted is 150mm. The new 150mm diameter diversion pipe shown will be considered to be a minimum diameter.

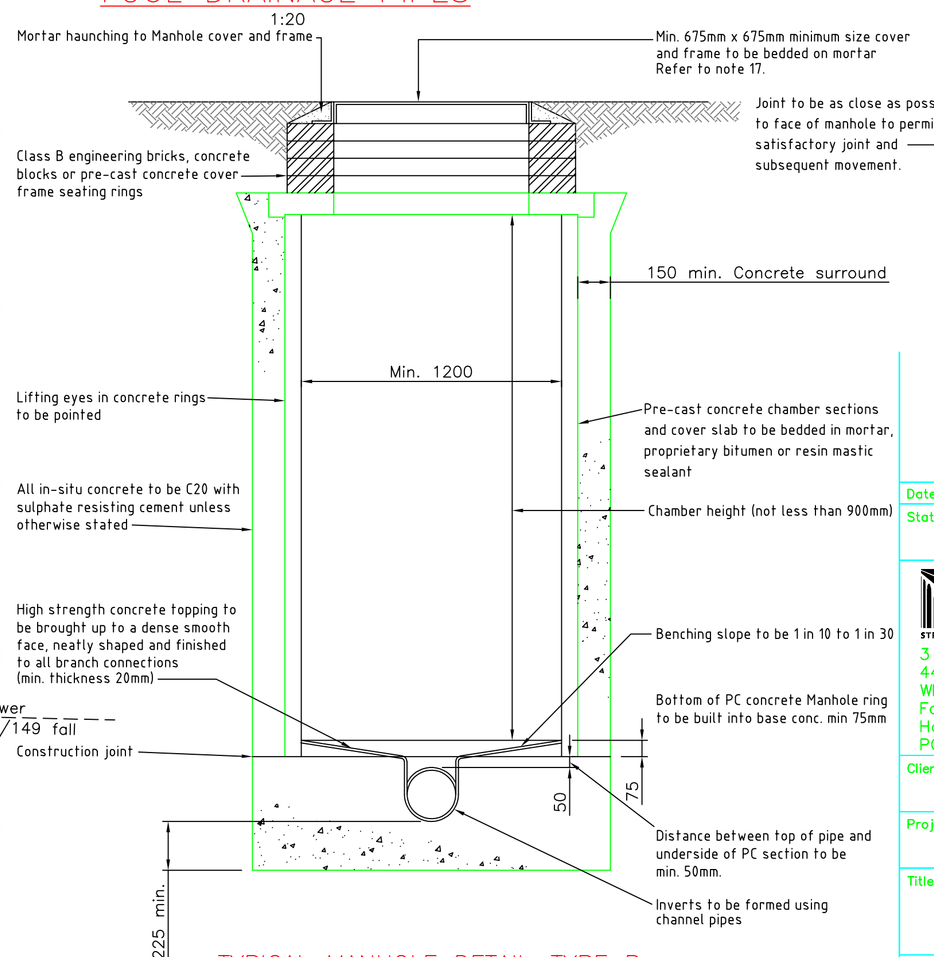


LONGITUDINAL SECTION
1:200 HORIZONTAL
1:25 VERTICAL

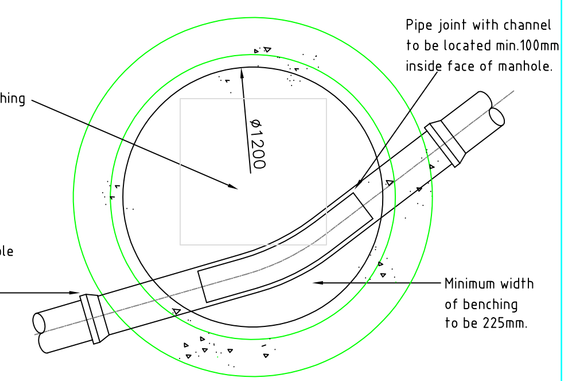
DO NOT SCALE THIS DRAWING



DETAIL A
BEDDING FOR VITRIFIED CLAY FOUL DRAINAGE PIPES
1:20



TYPICAL MANHOLE DETAIL–TYPE B
(MAX DEPTH FROM COVER LEVEL TO PIPE SOFFIT 3000MM)
1:20



PLAN DETAIL AT MANHOLE B
1:20

Date	By	Revision	QA'D	Chk'd	Ref

Status: APPROVAL

Cowan Consultancy
STRUCTURAL, CIVIL AND BUILDING CONSULTANTS
3 Turnberry House
4400 Parkway
Whiteley
Fareham
Hampshire
PO15 7FJ
Tel: 01489 577488
Fax: 01489 579873
consultants@cowanconsult.co.uk
www.cowanconsult.co.uk
Also at:
Landguard Manor
Landguard Manor Road
Shanklin
Isle of Wight
PO37 7JB

Client: HERRINGATE UK LTD

Project: Land at Scyld, Littlehampton

Title: DETAILS OF SEWER DIVERSION

Date	DEC 2020	Scale	AS SHOWN	Drg. No.
Drawn	CMW	Chk'd	EG	QA'D EG	424955–01P2

ARUN DISTRICT COUNCIL CM2021000C