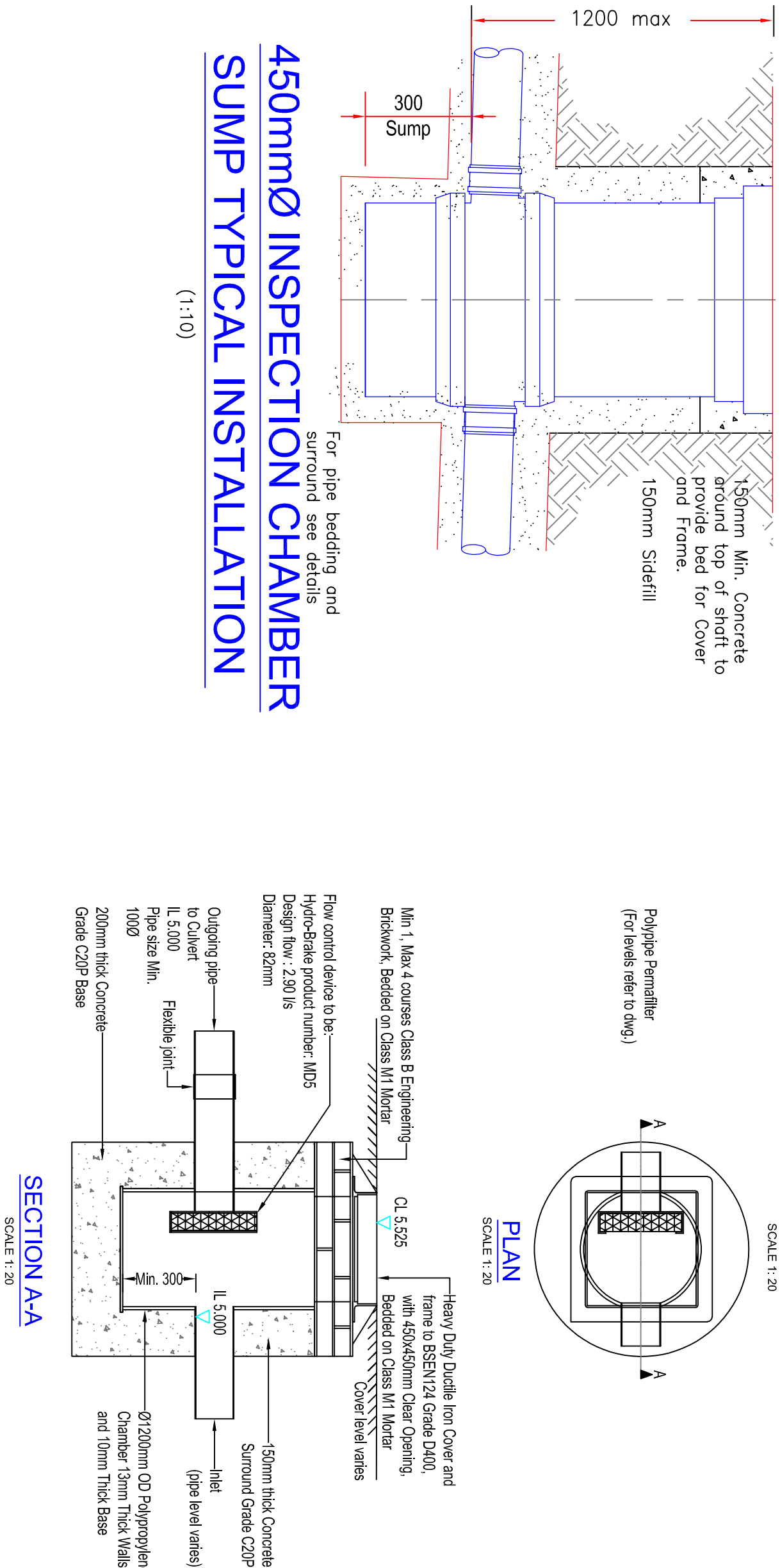
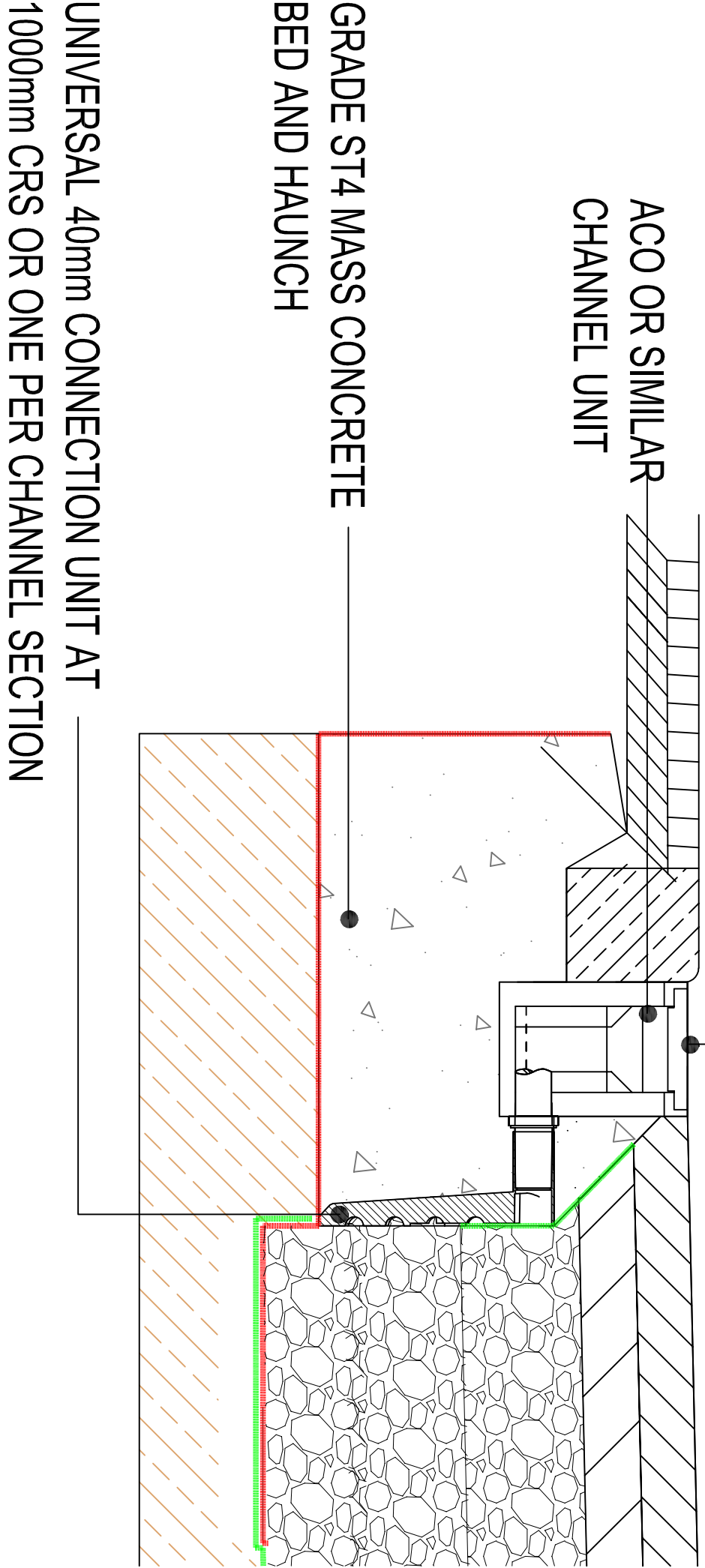


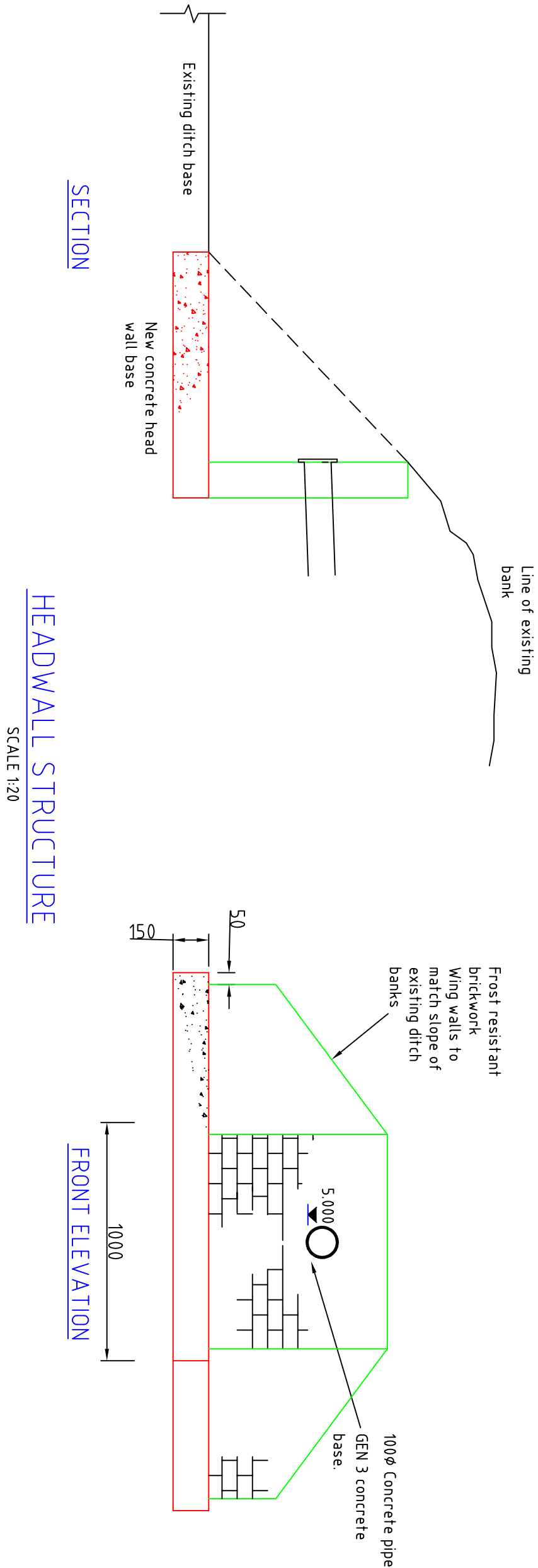
CATCHPIT INSPECTION CHAMBER
INCORPORATING FLOW CONTROL AND DEBRIS DEVICE



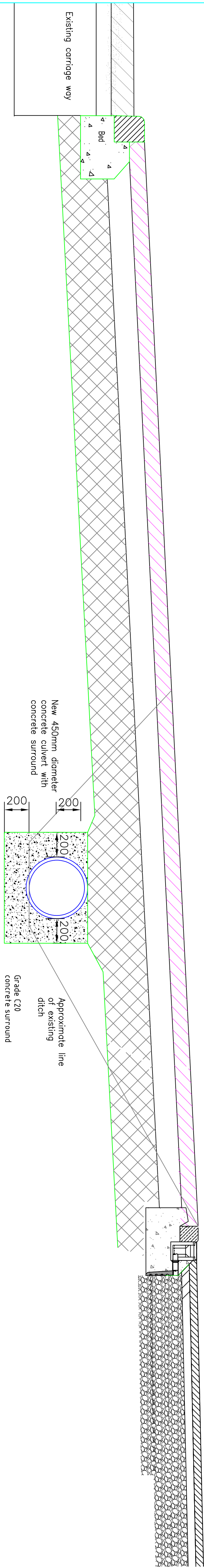
CLASS D400 HEAVY DUTY DUCTILE
IRON SELF LOCKING CHANNEL GRATE



TYPICAL SECTION THROUGH CHANNEL DRAIN
Scale (1:10)



DETAIL 1: TYPICAL SECTION SHOWING NEW ENTRANCE AND
EXISTING HIGHWAY WITH NEW CULVERT
SCALE 1: 20



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 sed 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.
17. Where connections are being made to pipelines rather than direct to manholes all connections to be made using oblique 45 degree junctions.

APPROVAL			
Date	By	Revision	QAD Chk'd Ref
Status			
Cowan Consultancy			
STRUCTURAL, CIVIL AND BUILDING CONSULTANTS			
3 Turnberry House			
4400 Parkway			
Whiteley			
Barnham			
Horseshill			
PO15 7FL			
Client: HERRINGGATE UK LTD			
Project: Land at Soy'd, Littlehampton			
Title: DRAINAGE DETAILS (2 of 2)			
Date	Scale	AS SHOWN	Dwg. No.
Dec 2020	Chk'd	EG	424955-12P1
Drawn	CMW	QAD	EG

DO NOT SCALE THIS DRAWING