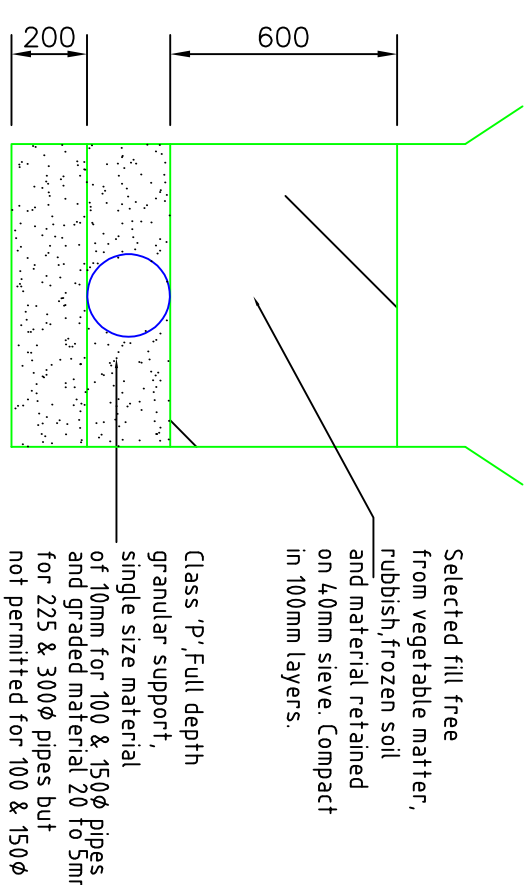


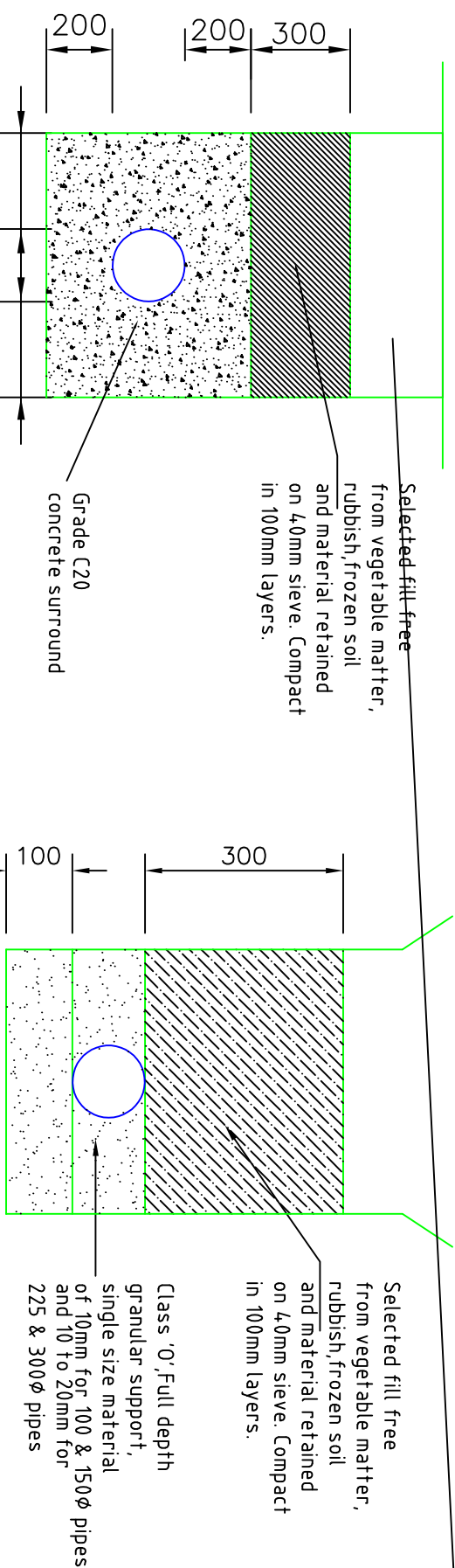
DETAIL 1: TYPICAL SECTION SHOWING NEW ENTRANCE AND EXISTING HIGHWAY WITH NEW CULVERT

SCALE 1: 20



BEDDING FOR OTHER FLEXIBLE PIPES

Scale 1:10

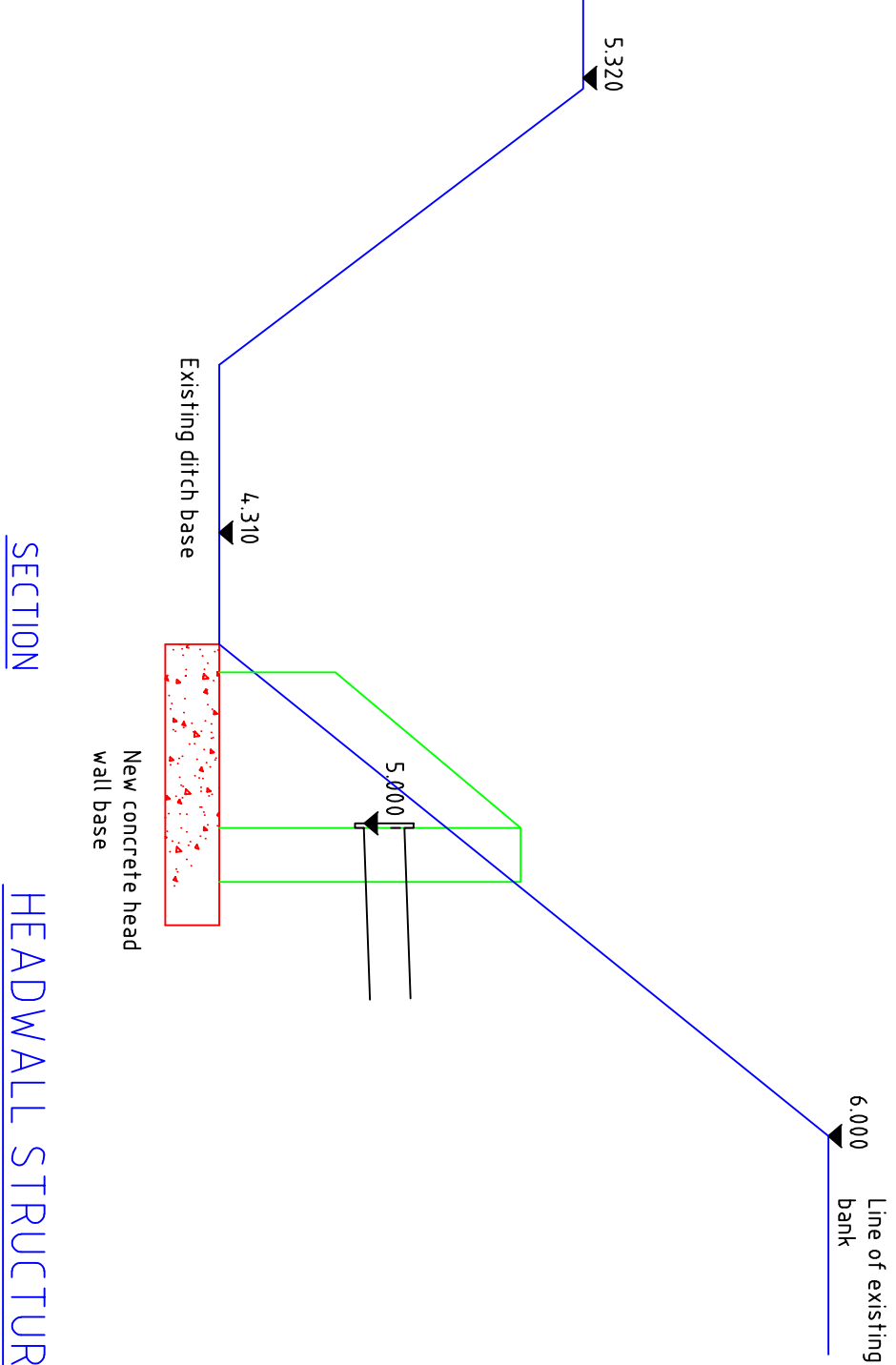


BEDDING FOR FLEXIBLE PIPES LESS THAN 900mm COVER UNDER ROADS

Scale 1:20

BEDDING FOR FLEXIBLE PIPES UNDER ROADS 900 TO 1200mm DEEP

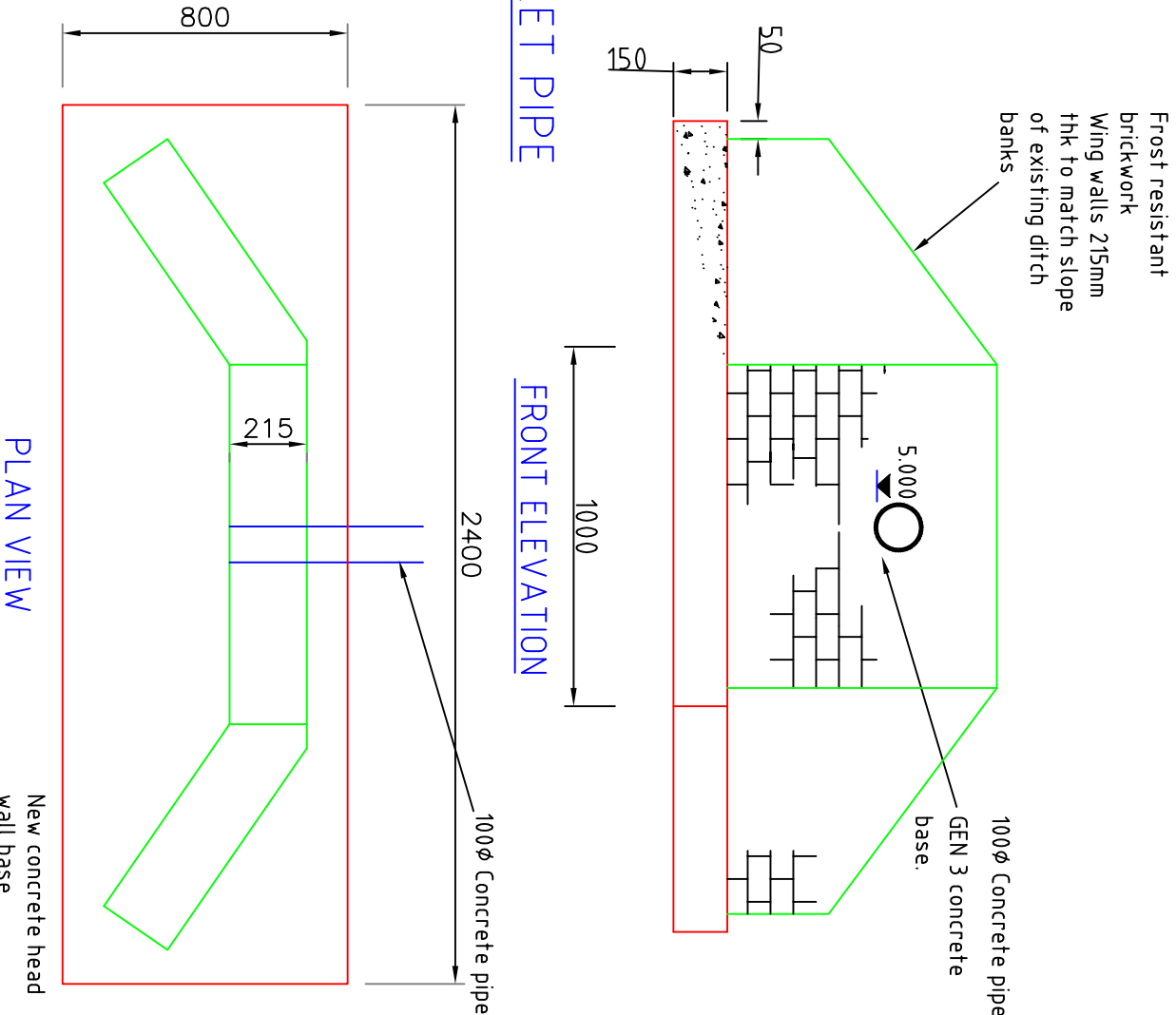
Scale 1:10



SECTION

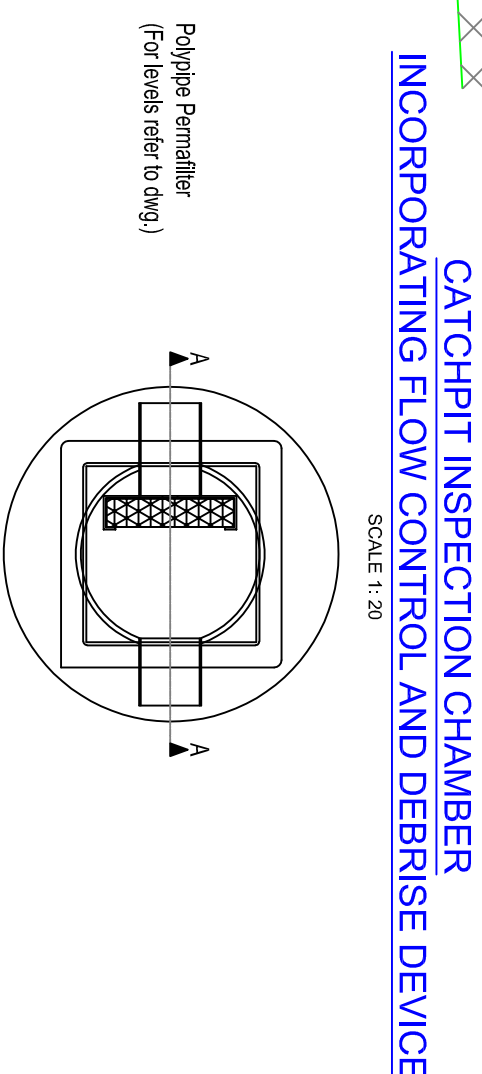
HEADWALL STRUCTURE FOR OUTLET PIPE

SCALE 1:20



PLAN VIEW

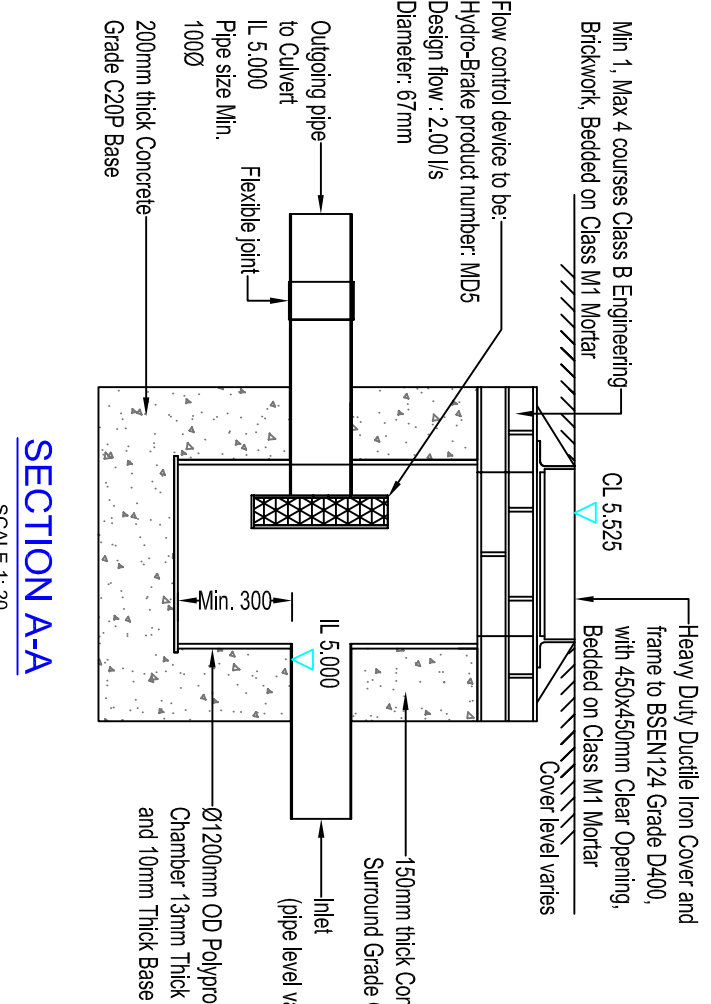
SECTIONAL VIEW



CATCHPIT INSPECTION CHAMBER INCORPORATING FLOW CONTROL AND DEBRIS DEVICE

SCALE 1: 20

SCALE 1: 20



SECTION A-A

SCALE 1: 20

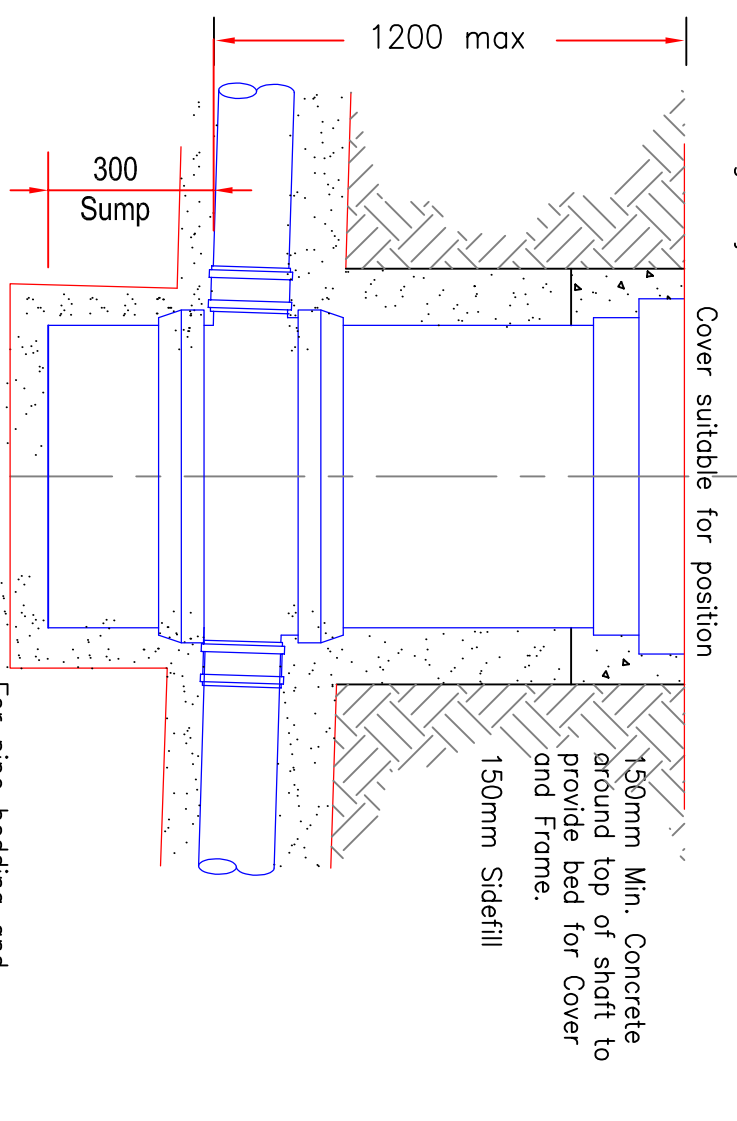
CLASS D400 HEAVY DUTY DUCTILE IRON SELF LOCKING CHANNEL GRATE

GRADE ST4 MASS CONCRETE BED AND HAUNCH

UNIVERSAL 40mm CONNECTION UNIT AT 1000mm CRS OR ONE PER CHANNEL SECTION

TYPICAL SECTION THROUGHCHANNEL DRAIN

Scale (1:10)



450mmØ INSPECTION CHAMBER SUMP TYPICAL INSTALLATION

(1:10)

APPROVAL

Date	By	Revision	QA/QC	CHK'd	Ref
2020	CMW	EG	QAD	EG	424955-12P2

Client: HERRINGGATE UK LTD

Project: Land at Soy/d, Littlehampton

DRAINAGE DETAILS (2 of 2)

DO NOT SCALE THIS DRAWING

NOTES

- This drawing has been prepared using a Topographical survey drawing supplied by the client in AutoCAD format.
- All dimensions are in millimetres unless specifically noted otherwise.
- 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.
- 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.

- Manholes to be constructed without step irons or ladders as required by Southern Water Authority.
- All drainage and associated works are to comply with Part 5 – Civil Engineering Specification of Sewers for Adoption – Edition 6.
- 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.
- 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.
- Any abandoned pipes or manholes are to be grubbed out. Contractor to undertake a CCTV survey to be abandoned 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.

- All changes of direction to be greater than 90°.
- Contractor to ensure that existing sewer remains in service until diversion works are completed.
- All domestic connections from the new development to be directed to new IC A.
- 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.
- New pipework to be verified 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.

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

- Cover suitable for position

- 150mm Min. Concrete around top of shaft to provide bed for Cover and Frame.

- 150mm Sidefill

- For pipe bedding and surround see details

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