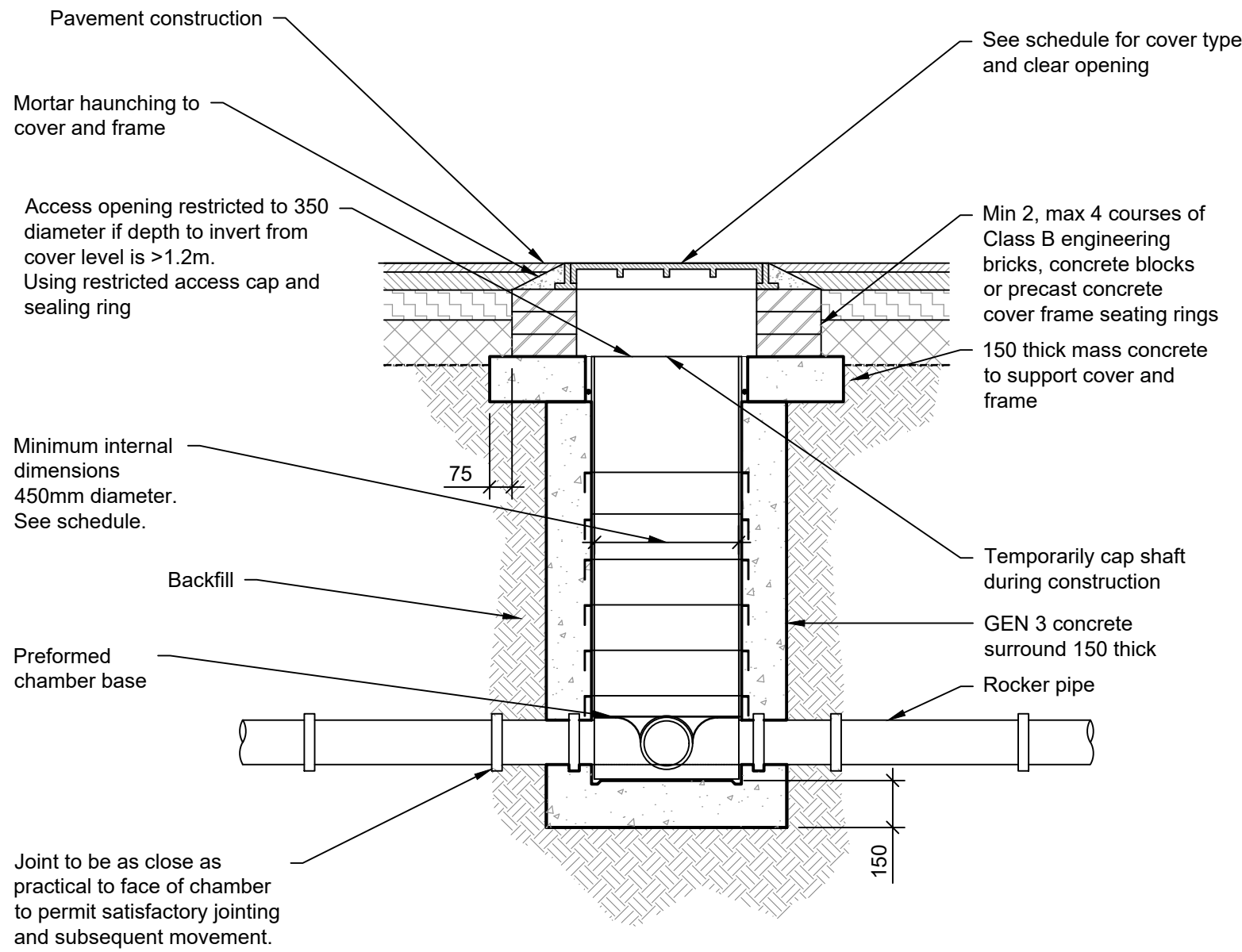
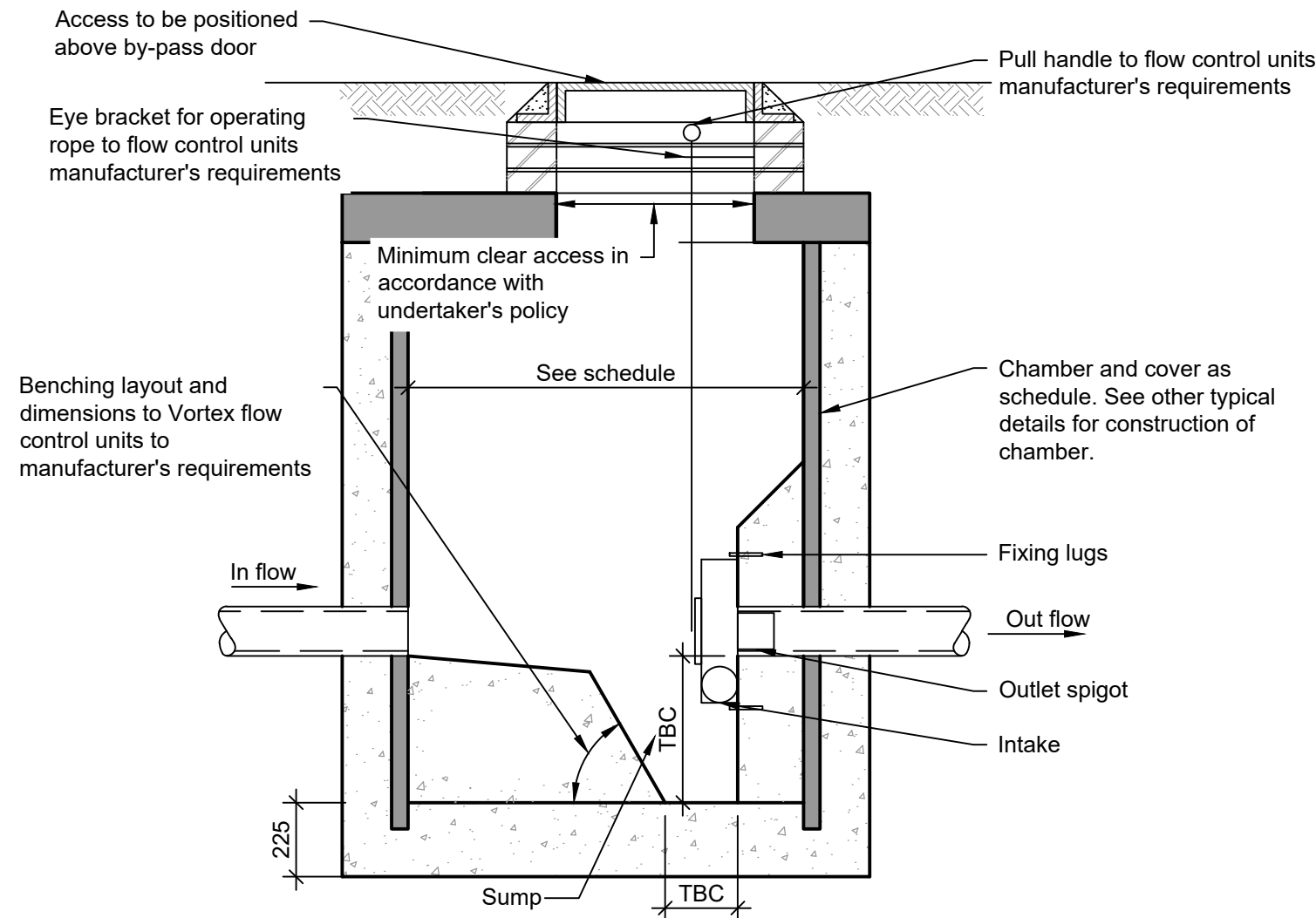


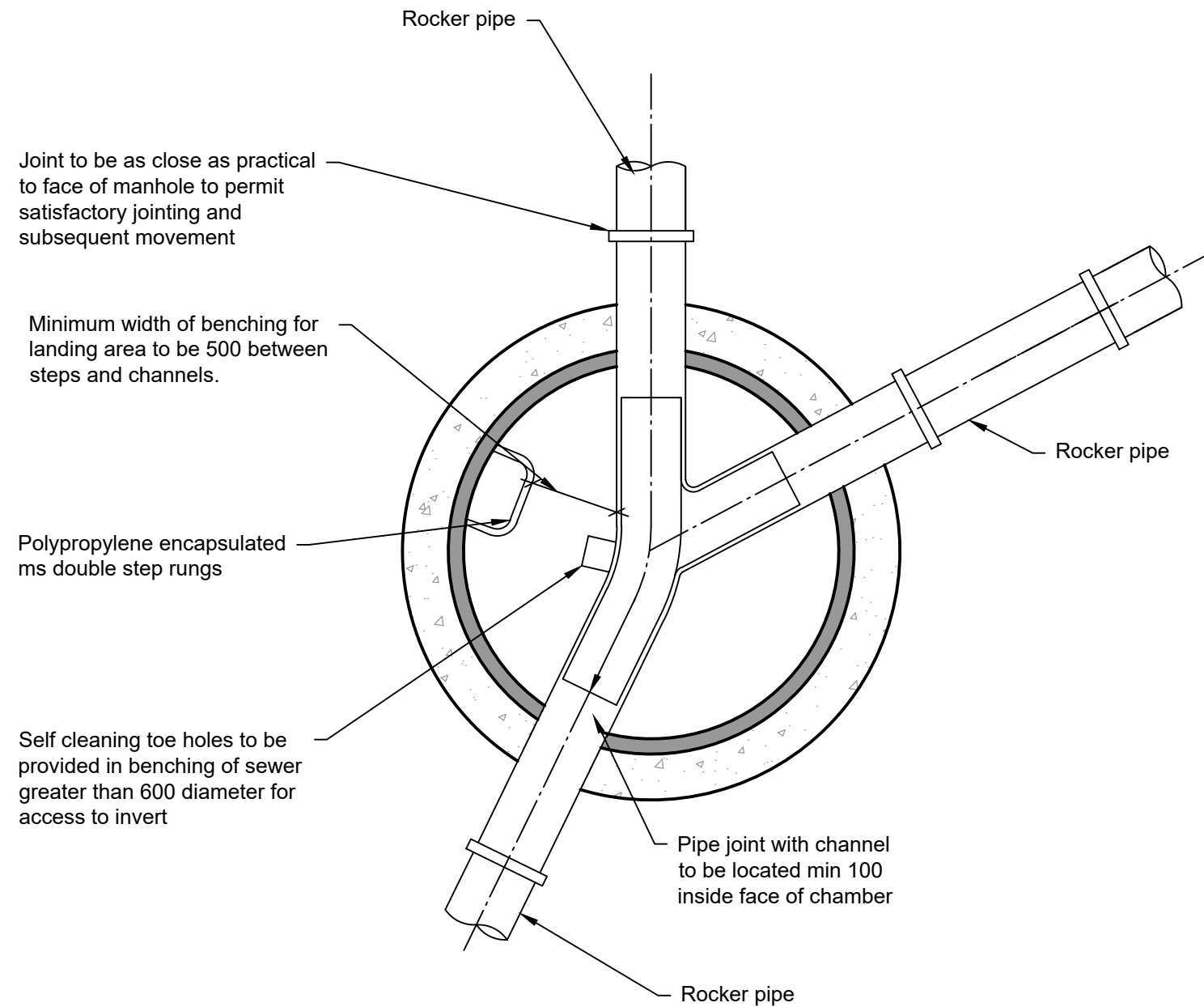
TYPE 2 MANHOLE - SECTION



PLASTIC INSPECTION CHAMBER
FOR 450 DIAMETER CHAMBERS IN
AREAS SUBJECT TO VEHICLE LOADING (D400) UP TO 3.0m DEEP

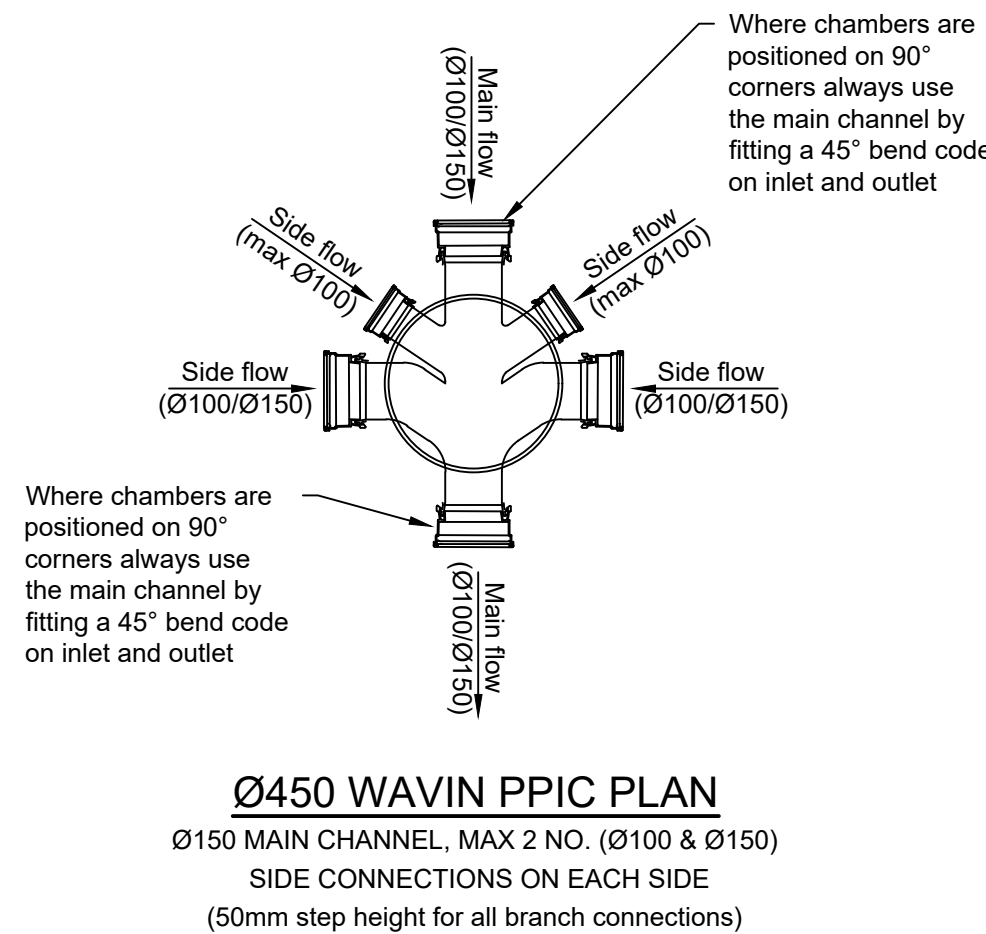


VORTEX FLOW CONTROL CHAMBER -
SECTION A-A
TO manufacturer's requirements

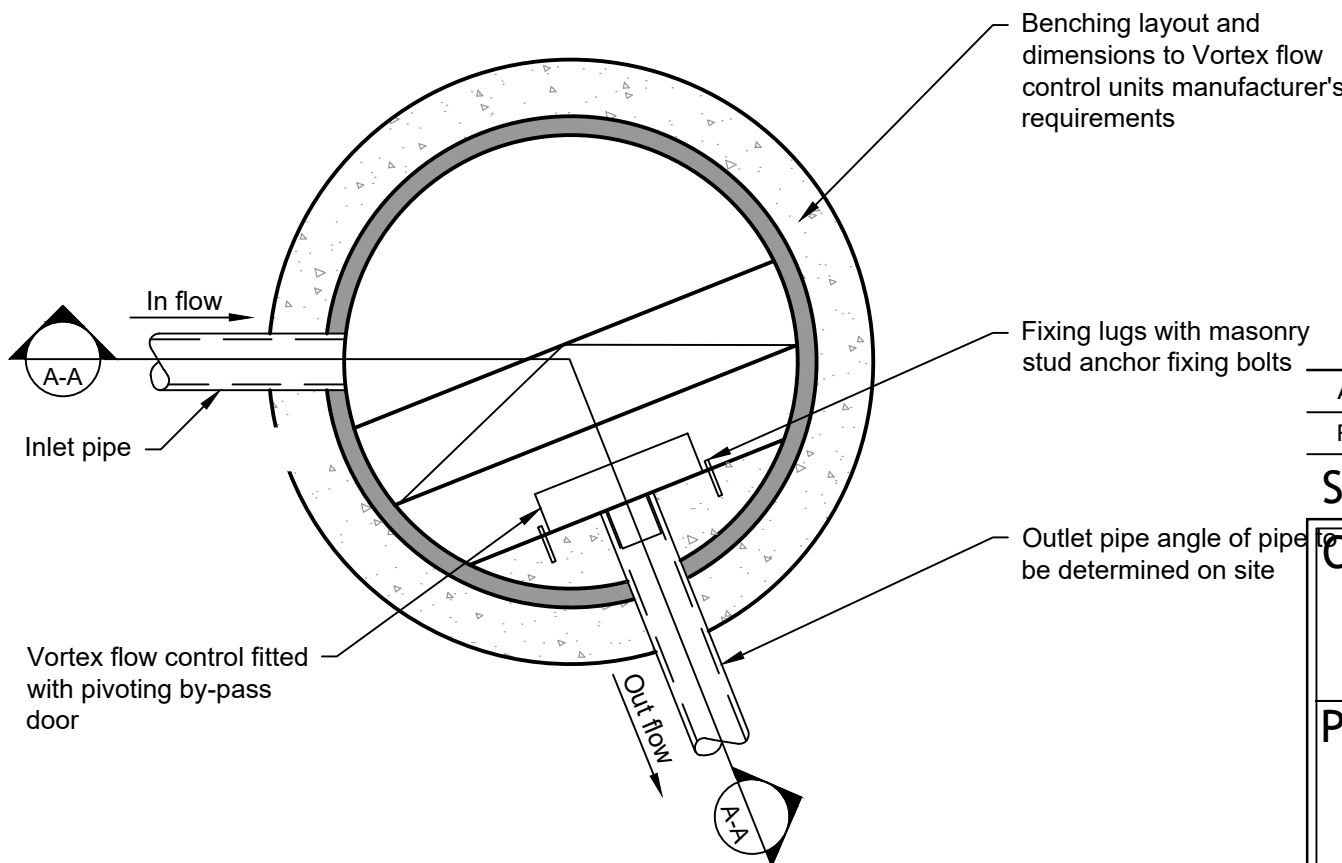


TYPE 2 MANHOLE - PLAN
DEPTH TO SOFFIT: 1.35m to 3.0m

SEE SCHEDULE FOR DIMENSIONS AND GA FOR NUMBER OF CONNECTING PIPES.



Ø450 WAVIN PPIC PLAN
Ø150 MAIN CHANNEL, MAX 2 NO. (Ø100 & Ø150)
SIDE CONNECTIONS ON EACH SIDE
(50mm step height for all branch connections)



VORTEX FLOW CONTROL CHAMBER -
PLAN VIEW

NOTES

1. ALL DRAINAGE TO BE IN ACCORDANCE WITH BUILDING REGULATIONS DOCUMENT H.
2. CONTRACTOR SHALL CHECK THE LEVELS OF ALL EXISTING CONNECTIONS AS EARLY AS POSSIBLE AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
3. WHERE CONNECTIONS TO WATER COURSES ARE REQUIRED WORK SHALL BE IN ACCORDANCE WITH AND INSPECTED BY THE RELEVANT LEAD LOCAL FLOOD AUTHORITY.
4. SHALLOW SEWERS AND SEWERS ADJACENT TO EXISTING AND PROPOSED TREES / DENSE VEGETATION WILL REQUIRE CONCRETE PROTECTION IN ACCORDANCE WITH THE DETAILS. ELSEWHERE PIPEWORK IS TO RECEIVE CLASS S BED AND SURROUND. BEDDING AND SURROUND MATERIAL SHALL MEET THE REQUIREMENTS OF THE PIPE MANUFACTURES RECOMMENDATIONS.
5. ALL UNDER-FLOOR FOUL DRAINS TO BE 100Ø UNLESS SHOWN OTHERWISE.
6. SIZES OF RWP CONNECTIONS SHALL BE CHECKED AGAINST THE SPECIALIST RAINWATER GOODS SUPPLIERS INFORMATION.
7. PIPEWORK CONNECTIONS TO MANHOLES ARE TO BE LAID SOFFIT TO SOFFIT.
8. VITRIFIED CLAY PIPES AND FITTINGS FOR GRAVITY SEWERS SHALL HAVE FLEXIBLE MECHANICAL JOINTS. PIPES SHALL COMPLY WITH THE RELEVANT REQUIREMENTS OF BS EN 295-1 AND BS 65 (SURFACE WATER PIPES ONLY). THERMOPLASTIC STRUCTURED WALL SEWER PIPE SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 13476-1 AND WIS 4-35-01 AND BS EN 13476-2 OR BS EN 13476-3. PIPES SHALL BE BSI KITEMARKED OR HAVE THE EQUIVALENT THIRD PARTY CERTIFICATION EG OSMADRAIN FOR PIPES <160mmØ OR OSMALTRARIB FOR PIPES >160mmØ.
9. ABANDONED SEWERS SHALL BE REMOVED OR GROUTED OVER THE FULL LENGTH AND ABANDONED MANHOLES SHALL BE BROKEN OUT AND BACK FILLED WITH LEAN MIX CONCRETE TO 1.5m BELOW GROUND LEVEL.
10. PIPE TO PIPE CONNECTIONS INCLUDING GULLY CONNECTIONS TO BE PREFORMED T JUNCTIONS.
11. ALL BELOW SLAB RWP's SVP's AND SP's CONNECTED VIA A 'T' SECTION SHALL HAVE AN ACCESSIBLE ABOVE GROUND RODDING ACCESS J.
12. FOR ALL SETTING OUT OF POP UPS, SVP's AND RWPS, REFER TO M&E / ARCHITECTURAL DRAWINGS.
13. ALL BRANCH CONNECTION IN MANHOLES TO BE SWEPT IN THE MAIN FLOW DIRECTION.

A01	16/05/24	AR	GW	PRELIMINARY ISSUE
Rev	Date	By	Chkd	Description

Status: INFORMATION

Client: BERRITE LIMITED

Project: BERRITE WORKS, WEST DRAYTON

Drawing: DRAINAGE DETAILS
SHEET 1

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