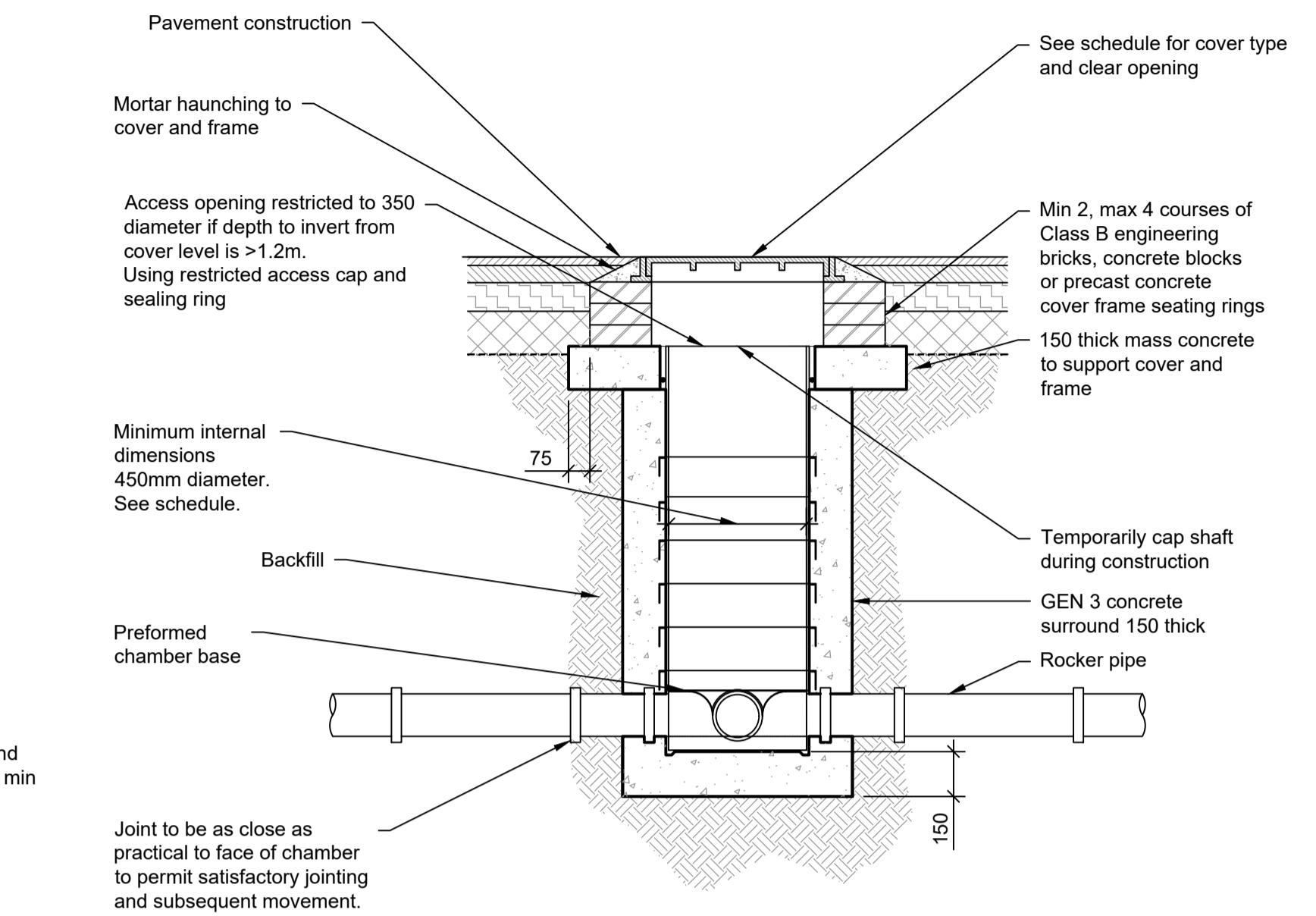
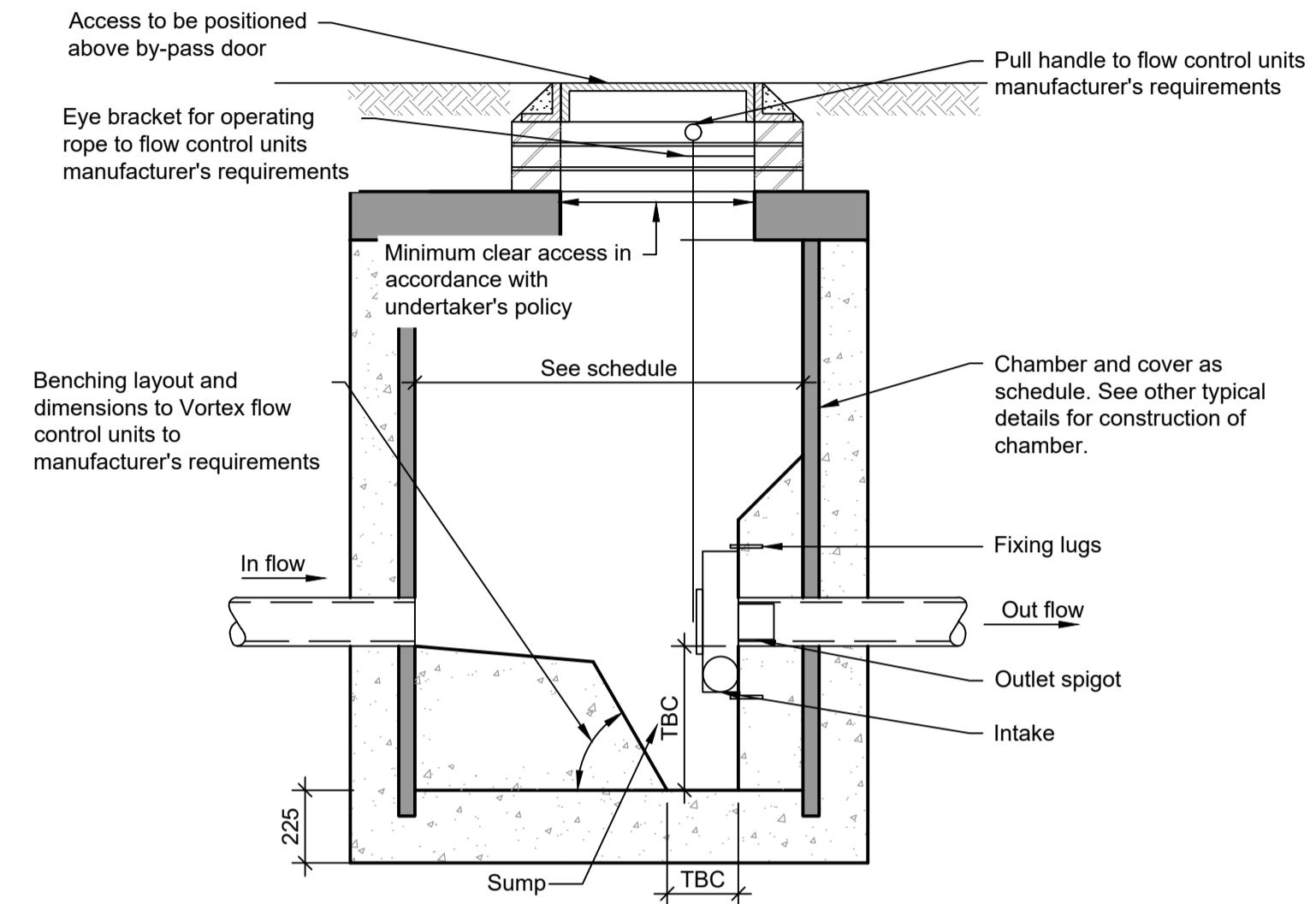


**TYPE 2 MANHOLE - SECTION**



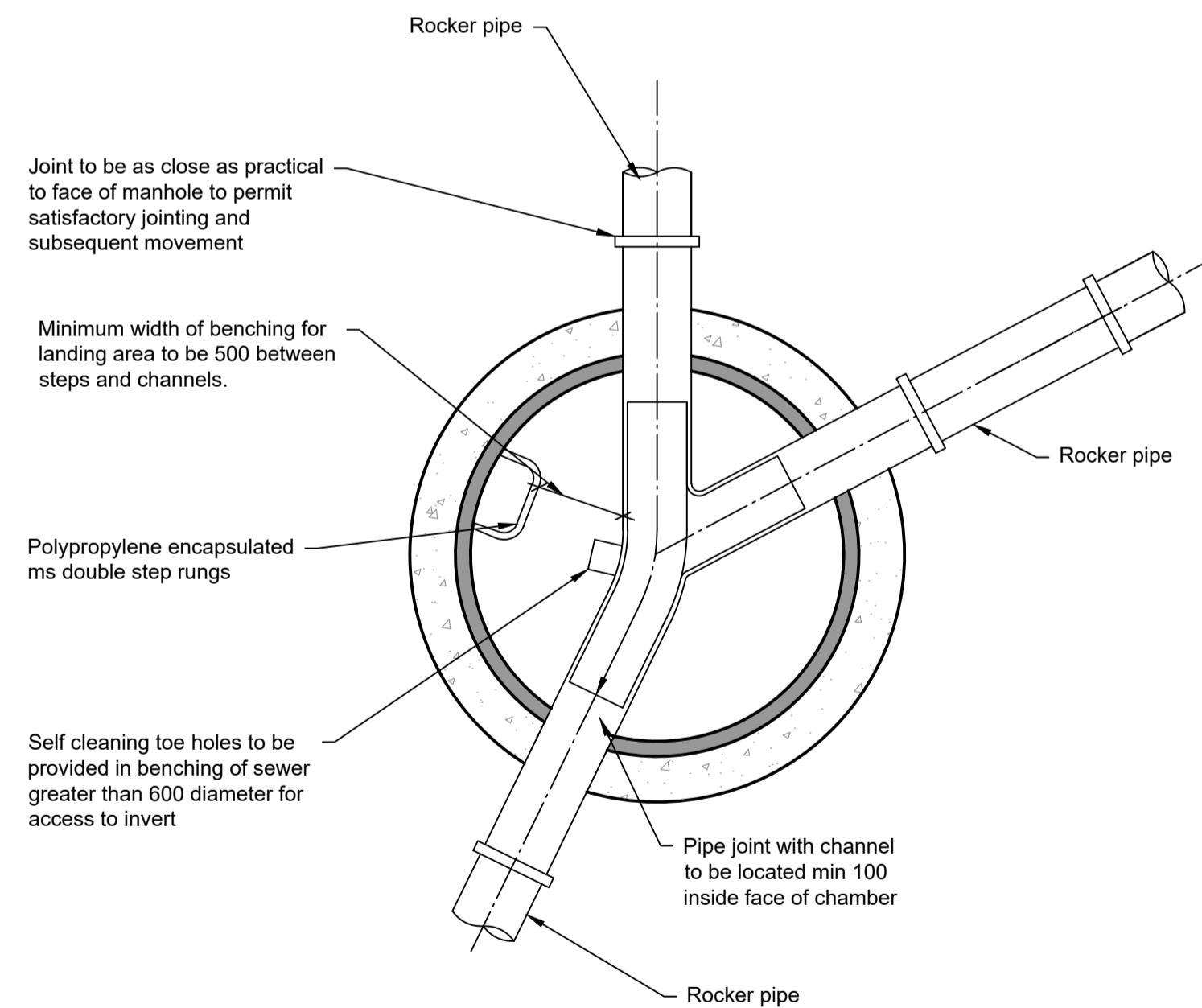
**PLASTIC INSPECTION CHAMBER**

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



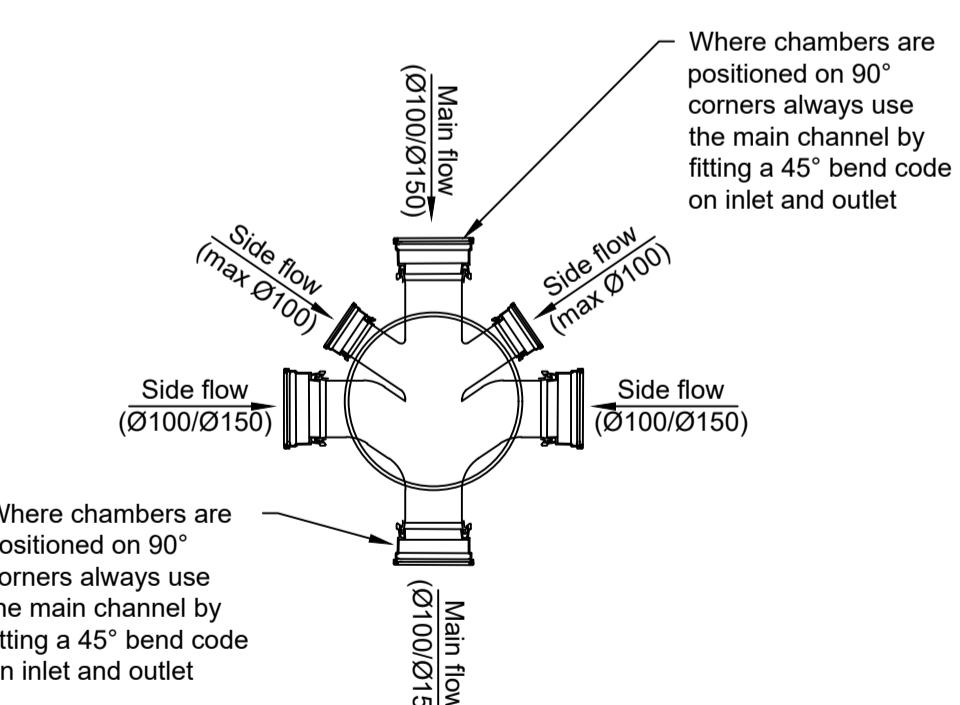
**VORTEX FLOW CONTROL CHAMBER -  
SECTION A-A**

TO manufacturer's requirements



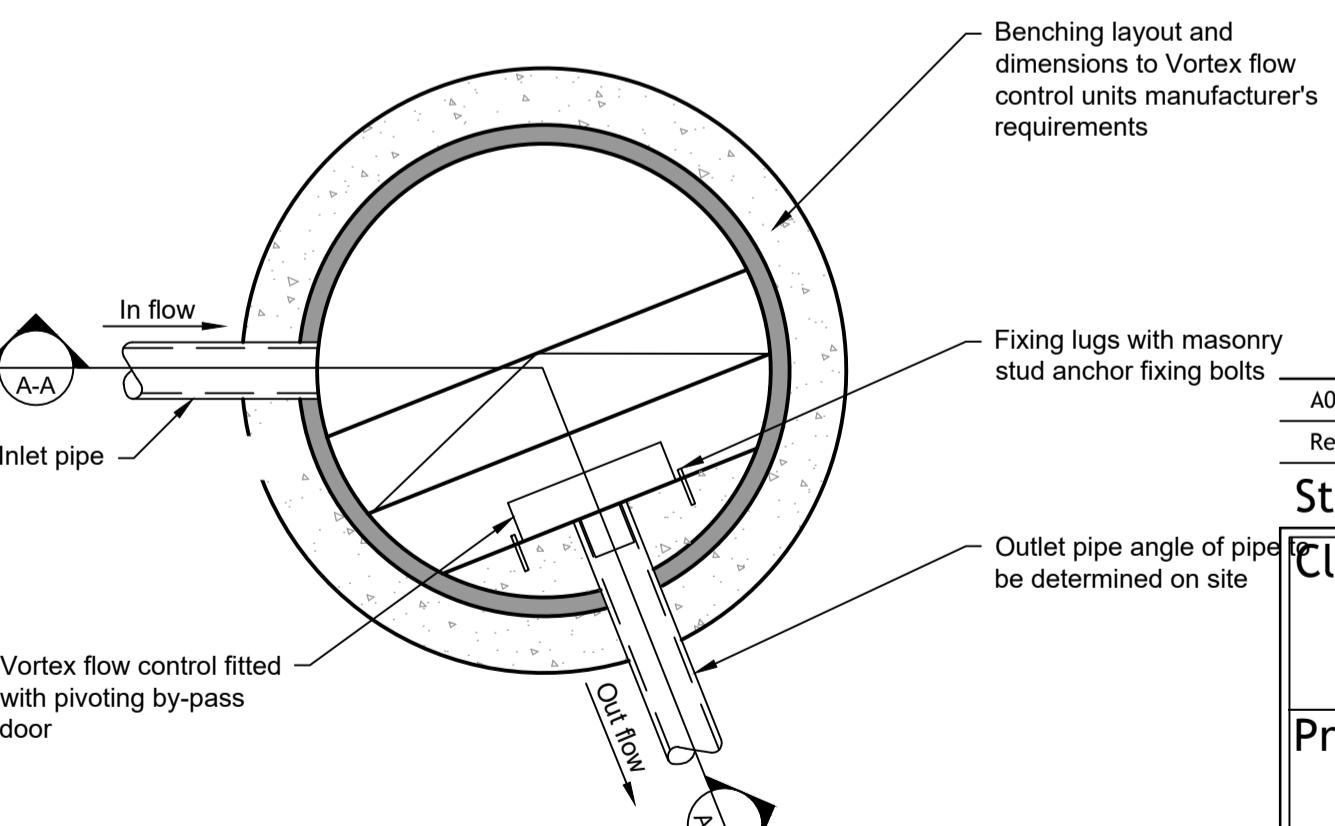
**TYPE 2 MANHOLE - PLAN**  
DEPTH TO SOFFIT: 1.35m to 3.0m

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 MANUFACTURERS 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 OSMA DRAIN FOR PIPES <160mmØ OR OSMA ULTRARIB 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.

**PRELIMINARY ISSUE**

A01 16/05/24 AR GW

Rev Date By Chkd Description

**INFORMATION**

Status: BERRITE LIMITED

Project: BERRITE WORKS, WEST DRAYTON

Drawing: DRAINAGE DETAILS  
SHEET 1

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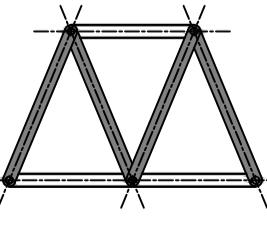
The Old Brewery-Pill-Bristol-B520 ODH

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Scale: NTS Date: 05/24 CAD: AR CAD Chk: GW Suitability: BP

MSL Job No.: 22034

Rev: A01



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