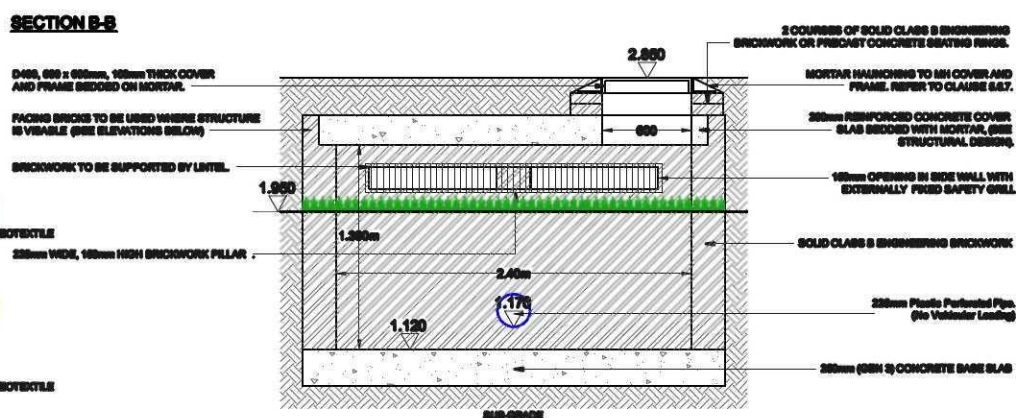
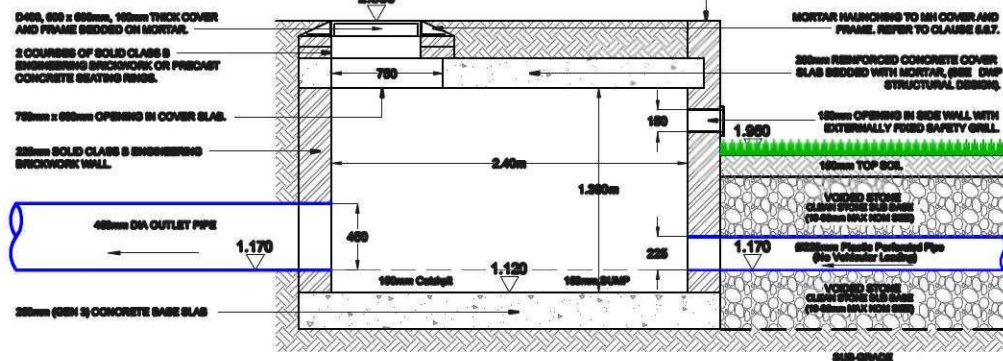


1) ALL BRICKWORK MUST BE CONSTRUCTED WITH CLASS B SOLID ENGINEERING BRICKS LAID IN ENGLISH BOND.
2) ALL CEMENT AND CONCRETE PRODUCTS TO BE SULPHATE RESISTANT.



1. **THE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING AND ARCHITECTS DETAILS.**
2. **ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BRITISH STANDARDS, CODES OF PRACTICE AND BUILDING REGULATIONS.**
3. **THE EXACT POSITION, LEVEL, SIZE AND USE OF EXISTING SEWERS TO BE CONFIRMED ON SITE. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.**
4. **ALL UNCOVERED AND SHALLOW PIPEWORK TO BE PROTECTED AGAINST CONSTRUCTION TRAFFIC AS PART OF THE CONTRACTORS TEMPORARY WORKS REQUIREMENTS.**
5. **EXACT LOCATION LINE AND LEVEL OF EXISTING STUDS TO EXISTING MANHOLES IN THE ROAD TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.**
6. **COVER LEVELS SHOWN ARE APPROXIMATE ONLY, SUBJECT TO THE ARCHITECT'S EXTERNAL WORKS AND LANDSCAPING SCHEME.**
7. **SEE ARCHITECT'S DETAILS FOR ALL SETTING OUT DIMENSIONS TO BUILDINGS AND BOUNDARIES ETC**
8. **PIPES ABOVE 150MM DIA. AND UP TO AND INCLUDING 300MM DIA. TO BE 30KN/M STRENGTH CLAYWARE TO BS EN 285; 1961.**
9. **AS AN ALTERNATIVE TO U-PVC, PIPES ABOVE 150MM DIA. UP TO AND INCLUDING 300MM DIA. MAY BE 30KN/M STRENGTH CLAYWARE TO BS EN 285; 1961.**
10. **PIPES ABOVE 300MM DIA. TO BE CLASS M (8PC) CONCRETE PIPES TO BS 5911 WITH SPIGOT AND SOCKET FLEXIBLE JOINTS.**
11. **HIGH STRENGTH CONCRETE BENCHING TO BE STEEL TROWELLED TO A DENSE SMOOTH FACE NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS AND LAID IN ACCORDANCE WITH THE SPECIFICATION.**
12. **PIPE BENDS TO BE PROVIDED TO SUIT DIRECTION OF FLOW.**
13. **ALL MANHOLE COVERS AND FRAMES TO BE DUCTILE IRON HEAVY DUTY GRADE BS DOUBLE TRIANGULAR TO BS EN 124 UNLESS OTHERWISE NOTED.**
14. **ALL NEW DRAINAGE TO BE CONSTRUCTED ADJACENT NEW AND PROPOSED TIE IN PLANTING TO BE PROTECTED AGAINST ROOT ACTIVITY BY THE TOPSOIL TO BE FIRST BARRIER MATERIAL BY GREEN-TIEK ALL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.**
15. **FIRST FLEXIBLE JOINT IN PIPES ADJACENT TO A MANHOLE SHALL BE 60MM MAX. FROM INSIDE FACE OF MANHOLE, CONNECTING TO HOOKER PIPE. FOR PIPE DIAMETERS 150MM - 225MM THE ROOFR PIPES LENGTH SHALL BE 1.50M - 2.00M AND FOR PIPE DIAMETERS 300MM - 450MM - 600MM THE ROOFR PIPE LENGTH SHALL BE 2.00M - 3.00M.**
16. **MANHOLES WITH OUTGOING PIPES GREATER THAN 60MM DIA. SHALL BE FITTED WITH GUARD BARS, SAFETY CHAINS OR OTHER APPROVED SAFETY DEVICES.**
17. **ALL SOFT SPOTS ENCOUNTERED IN THE TRENCH FOUNDATION TO BE REMOVED AND REPLACED WITH GRADED GRANULAR MATERIAL UNLESS INSTRUCTED OTHERWISE.**
18. **ALL PIPES BELOW ROAD AND CAR PARKING WITH LESS THAN 300MM COVER SHALL BE PROTECTED WITH A 300MM MIN PILES CONCRETE SURROUNDING WITH FLEXIBLE ISOLATION JOINTS @ 3.0M MAX. CENTRES TO COINCIDE WITH PIPE JOINTS.**
19. **ALL BURRED CONCRETE MUST OBTAIN FOR CLASS 3 RESISTIVE CONDITIONS IN ACCORDANCE WITH TABLE 1 OF BRE CONCRETE 304.**
20. **THE DESIGN OF ANY TEMPORARY WORKS REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.**

INSPECTION CHAMBER ACCESS COVER

FACING BRICKS TO BE USED WHERE STRUCTURE IS VISIBLE

OVERFLOW WITH EXTERNALLY FIXED SAFETY GRILL

SWALE BASE

TOP SOIL

VOIDED STONE CLOSED SPONGE DRAIN BARGE (20-40mm SPACED BARGE ONLY)

VOIDED STONE CLOSED SPONGE DRAIN BARGE (20-40mm SPACED BARGE ONLY)

Ø400mm OUTLET PIPE

Ø100mm Plastic Perforated Pipe (No Vehicle Loading)

FINISHED GRADE

