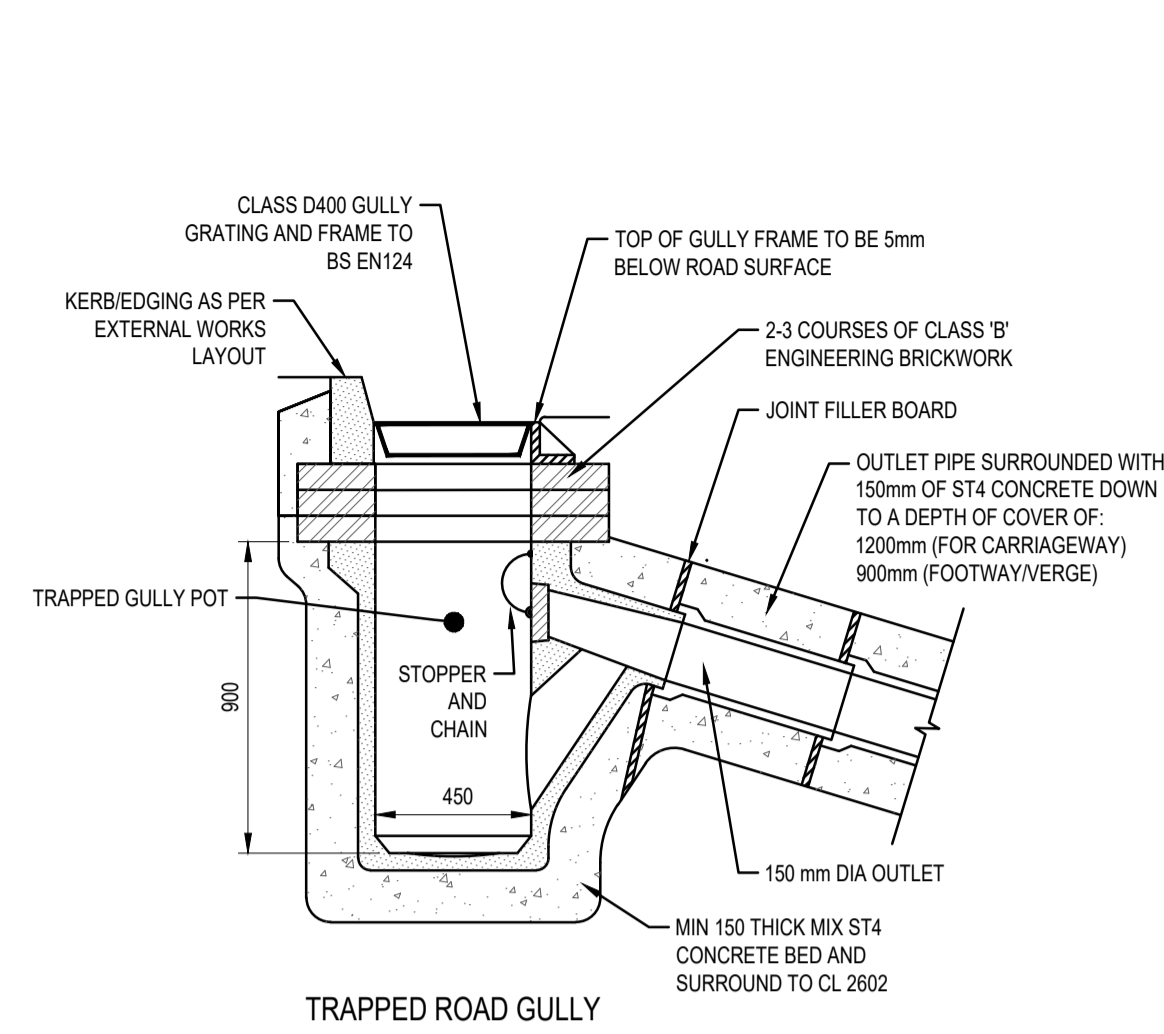
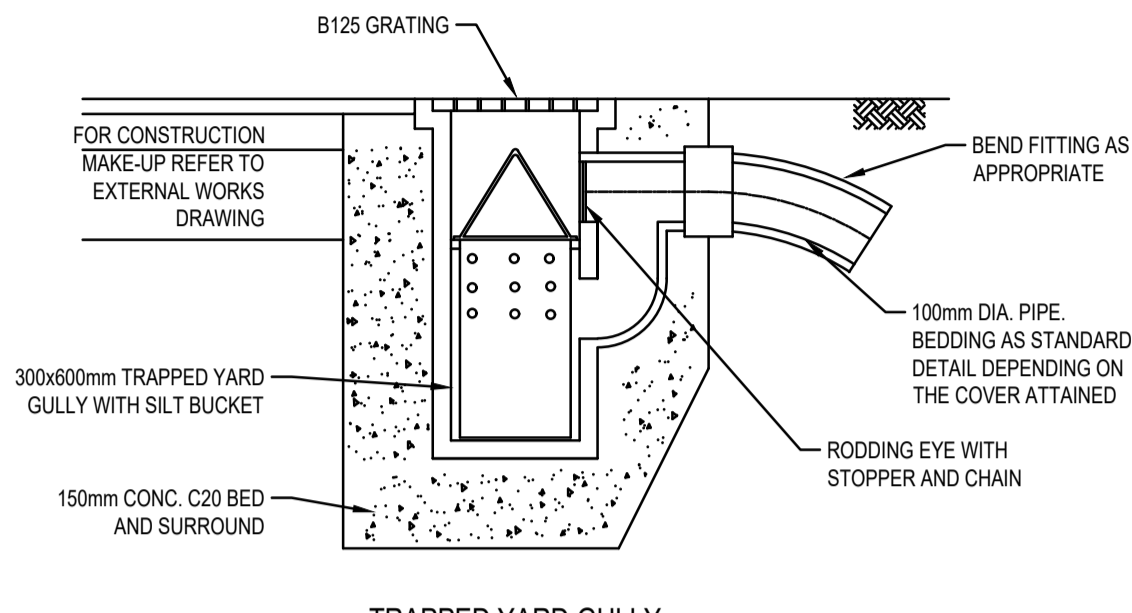


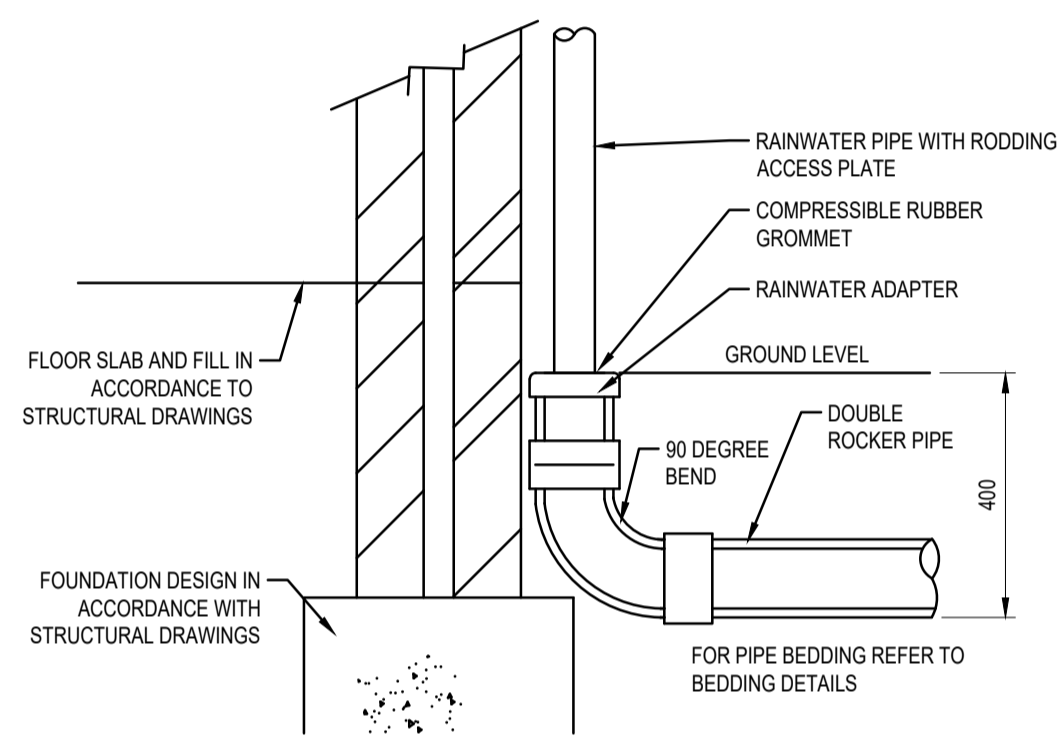
P:\24-217 - Bisham Concept Works, Yapton\Tech\Acad\Drawings\200 Series - Replan\24-217-253-254 Preliminary Drainage Construction Details.dwg



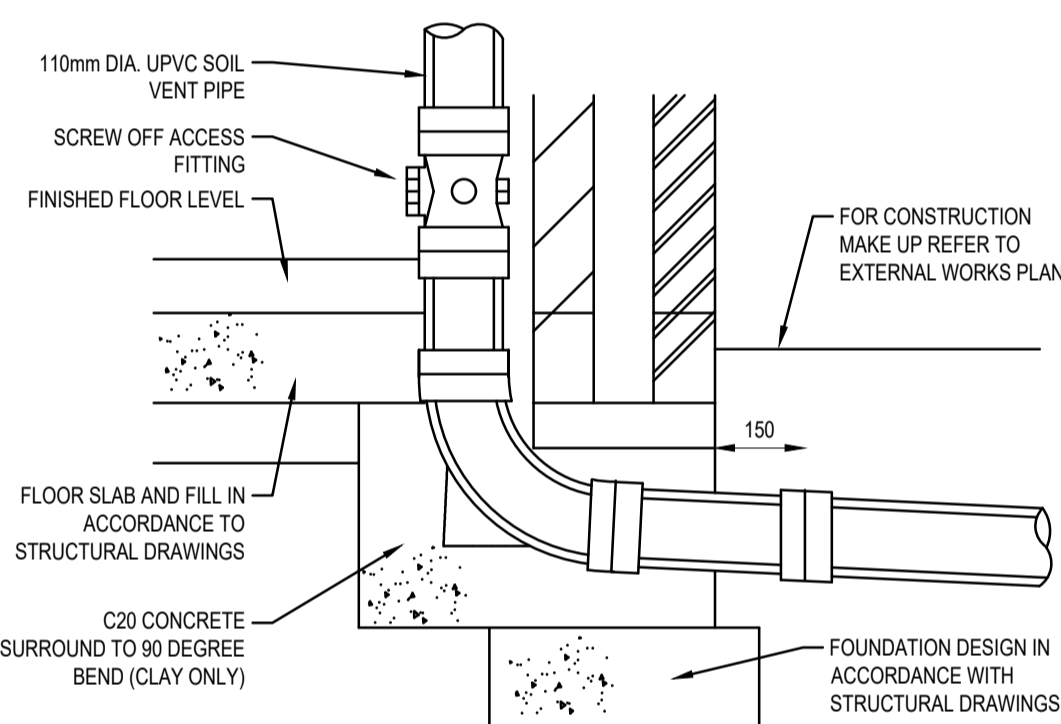
TRAPPED ROAD GULLY



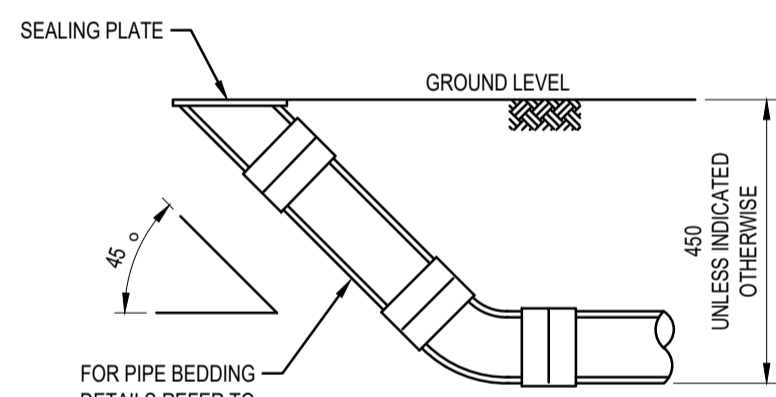
TRAPPED YARD GULLY



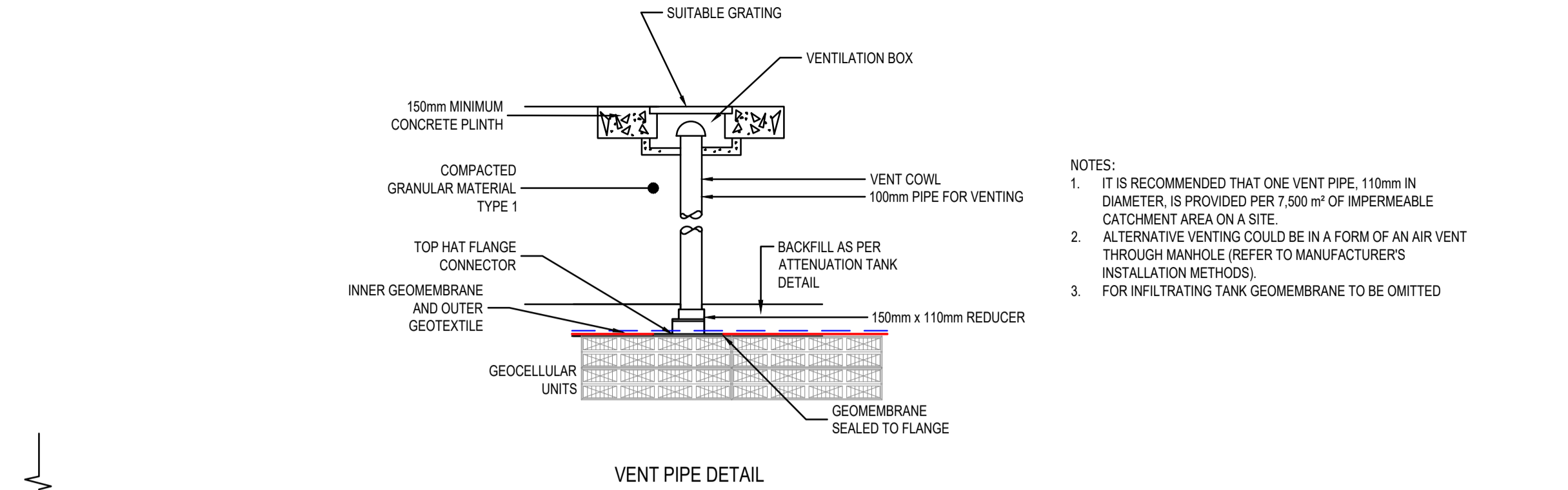
RAINWATER PIPE CONNECTION



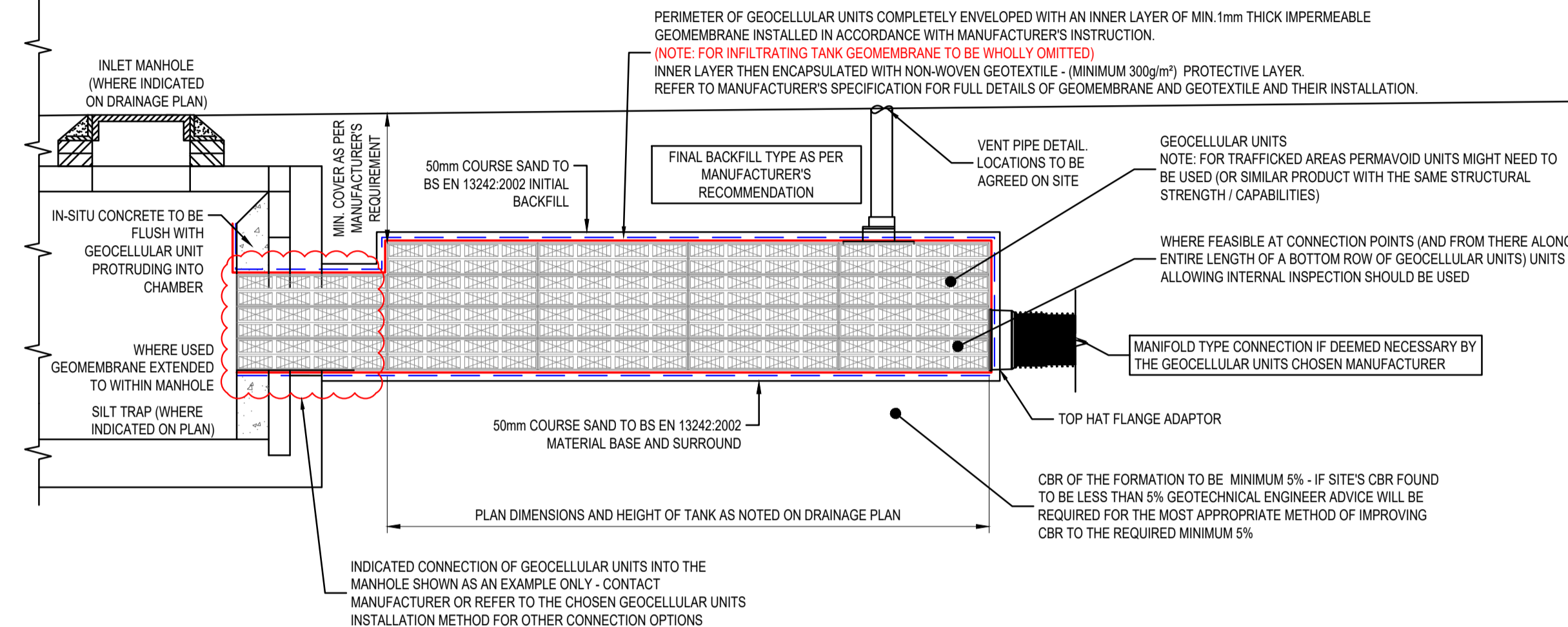
SOIL VENT PIPE CONNECTION



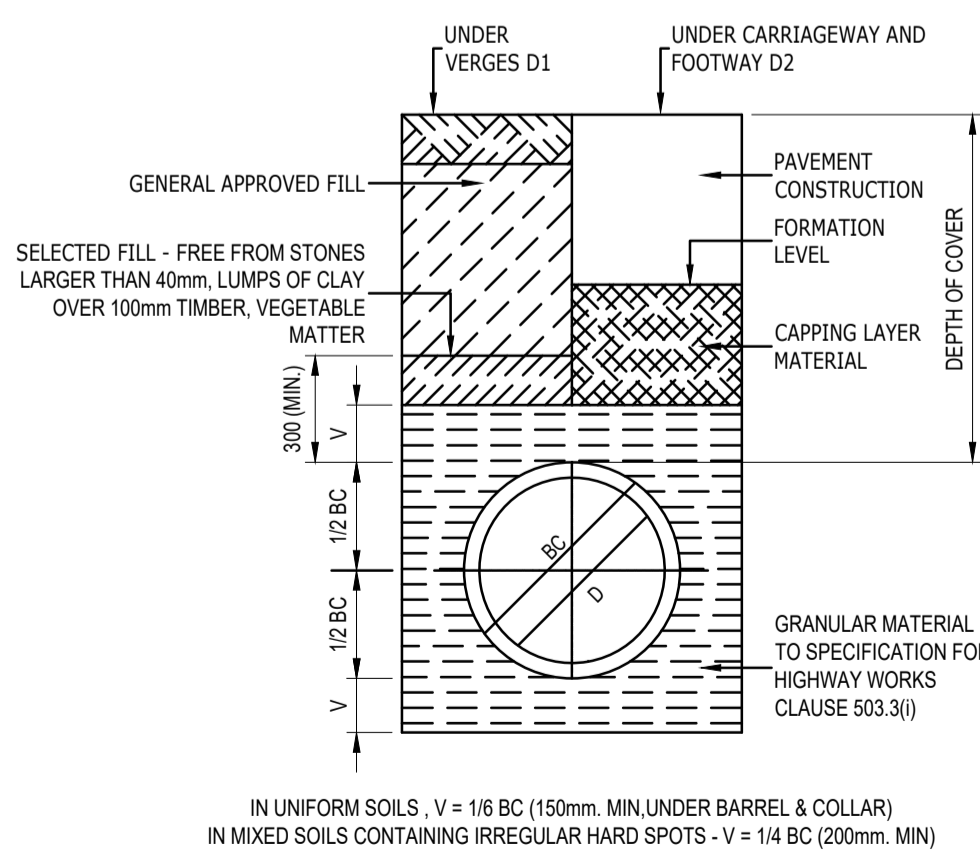
RODDING EYE DETAIL



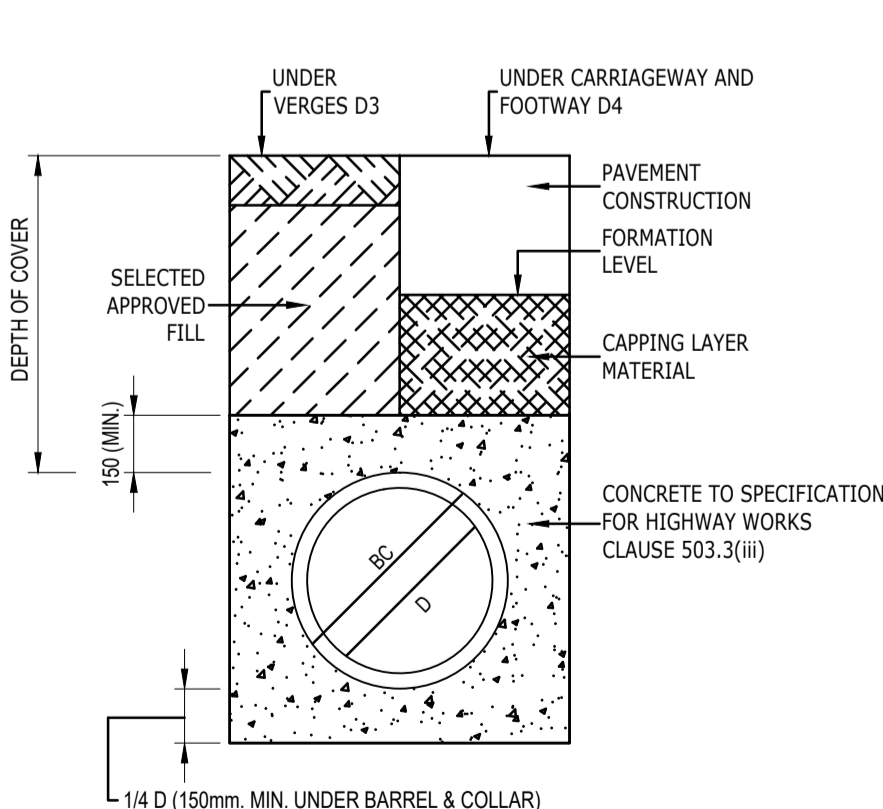
VENT PIPE DETAIL



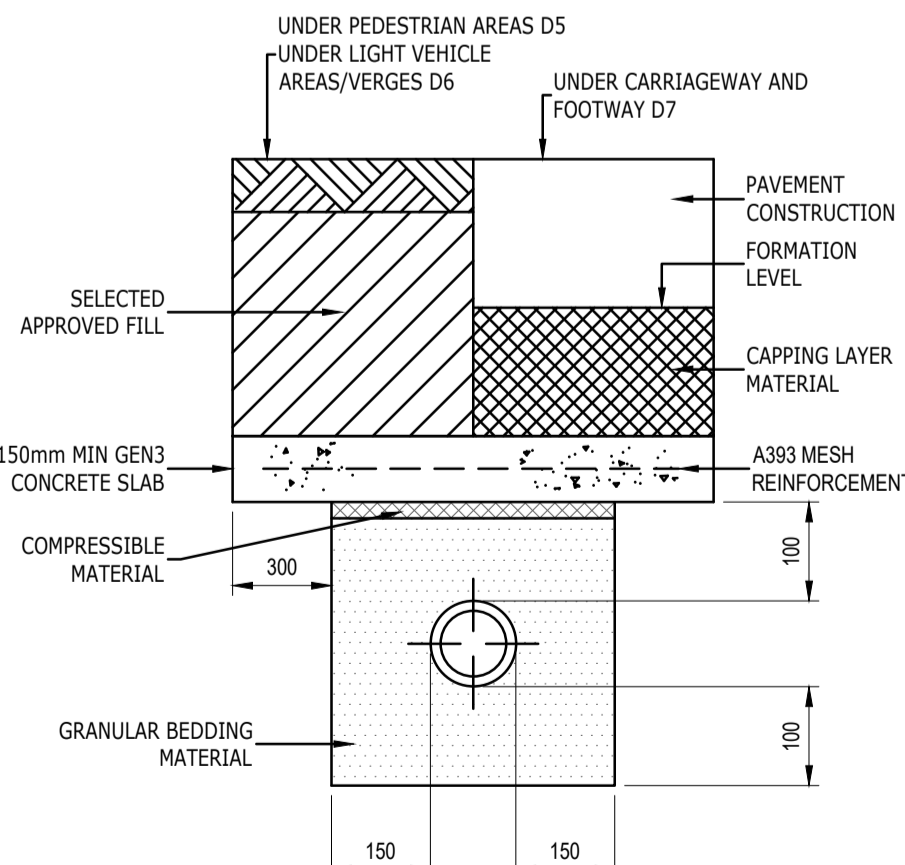
TYPICAL SECTION THROUGH GEOCELLULAR STORAGE / INFILTRATING TANK



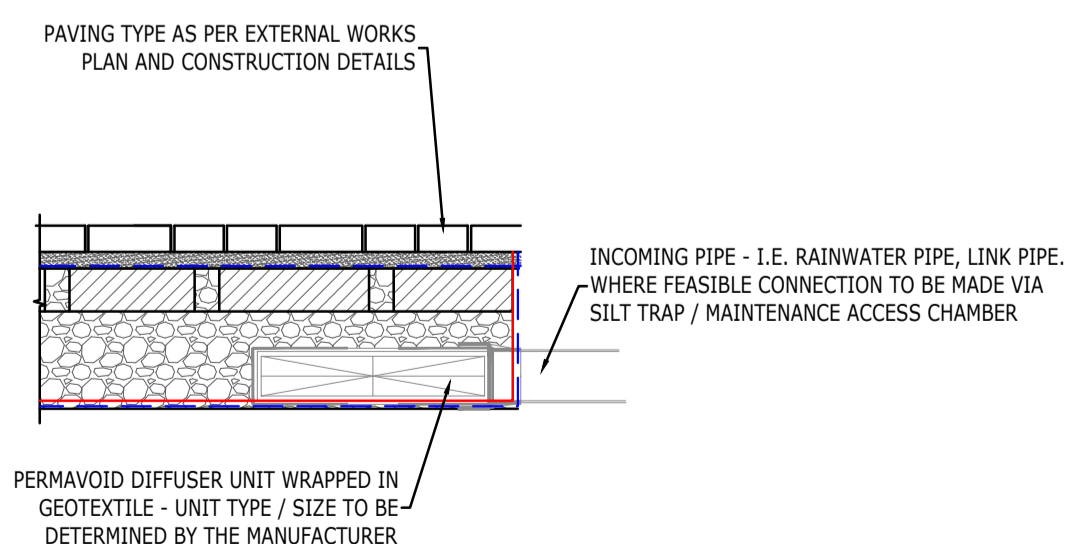
BEDDING DETAIL - CLASS 'S'  
DESIGN D1 (UNDER VERGES >900 COVER OR UNDER PEDESTRIAN AREAS >800 COVER)  
DESIGN D2 (UNDER CARRIAGEWAYS >1200 COVER)



BEDDING DETAIL - CLASS 'Z'  
DESIGN D3 (UNDER VERGES <900 COVER)  
DESIGN D4 (UNDER CARRIAGEWAYS <1200 COVER)



CONCRETE PAD PROTECTION  
DESIGN D5 (UNDER PEDESTRIAN AREAS <600 COVER)  
DESIGN D6 (UNDER VERGES, LIGHT VEHICLE AREAS <900 COVER)  
DESIGN D7 (UNDER CARRIAGEWAYS <1200 COVER)



DIFFUSER UNIT ARRANGEMENT

NOTES

- THIS DRAWING IS FOR PLANNING PURPOSES ONLY AND IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS AND SPECIFICATIONS ISSUED BY THE ARCHITECT, ENGINEER, REDROW SPECIFICATIONS AND NHBC STANDARDS.
- IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS OR ANY OTHER DISCREPANCIES ARE FOUND THESE SHOULD BE REPORTED TO THE ENGINEER AND/OR CLIENT IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
- ANY SOFT SPOTS TO BE REMOVED AND REPLACED WITH TYPE 1 MATERIAL OR ENGINEER APPROVED MATERIAL.
- DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- WHERE GROUND CONDITIONS DICTATE CONCRETE TO BE SULPHATE RESISTANT.
- ALL PIPES ENTERING INSPECTION CHAMBER / MANHOLE OR OTHER STRUCTURE TO INCORPORATE ROCKER PIPES MIN. 600mm LONG AND FLEXIBLE JOINTS.
- PIPE LAYING IN MADE / SOFT GROUND WHERE THE TRENCH FORMATION HAS LITTLE BEARING STRENGTH AND THEREFORE WILL NOT SUPPORT PIPE BEDDING MATERIAL EFFECTIVELY, IT IS NECESSARY TO PROVIDE A STABLE FORMATION BEFORE PIPE LAYING. SUCH CONDITIONS MOST COMMONLY OCCUR IN PEAT, SILTY GROUND, SOFT TO VERY ALLUVIAL CLAYS, RUNNING SAND OR IN ARTIFICIALLY FILLED GROUND. THE TRENCH FORMATIONS AND MANHOLE BASE SHOULD BE OVER-EXCAVATED BY 600-800MM, DEPENDING ON THE BEARING STRENGTH OF THE GROUND. GRAVEL REJECT MATERIAL OR SMALL HARDWARE, LESS THAN 75MM, IS THEN COMPACTED IN LAYERS TO FORM A FIRM TRENCH BOTTOM. A 50MM THICKNESS OF LEAN-MIX CONCRETE IS THEN PLACED AS BINDING. THE PIPE IS THEN LAID ON GRANULAR BEDDING MATERIAL. THE PIPE BEDDING CONSTRUCTION REQUIREMENTS ARE CALCULATED IN THE NORMAL WAY, BUT IT IS IMPORTANT THAT 'WIDE TRENCH' DESIGN CRITERIA ARE USED BECAUSE 'NARROW TRENCH' CONDITIONS CANNOT BE GUARANTEED IN THIS SITUATION.

NOT FOR CONSTRUCTION - SUBJECT TO APPROVAL

Rev	Amendments	Drn	Chk	App	Date

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Job Title: **BILSHAM ROAD YAPTON**

Drawing Title: **PRELIMINARY DRAINAGE CONSTRUCTION DETAILS - SHEET 2**

Client: **REDROW**

Scale: <b>N.T.S. @ A1</b>	Date: <b>APR 25</b>	Designed: <b>AK</b>
Drawn: <b>AK</b>	Checked: <b>LG</b>	Approved: <b>BAC</b>
Job No: <b>24-217</b>	Drawing No: <b>24-217-154</b>	Rev: <b> </b>