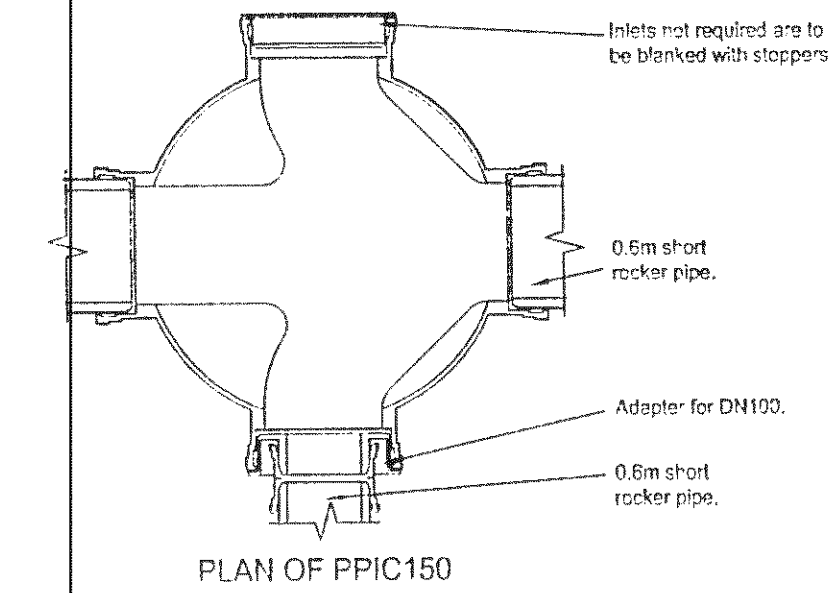
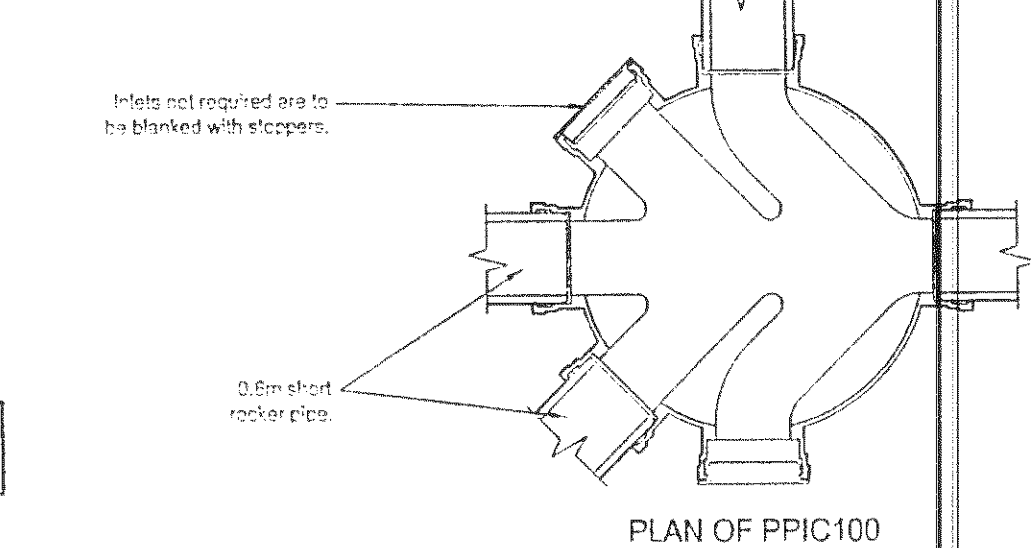
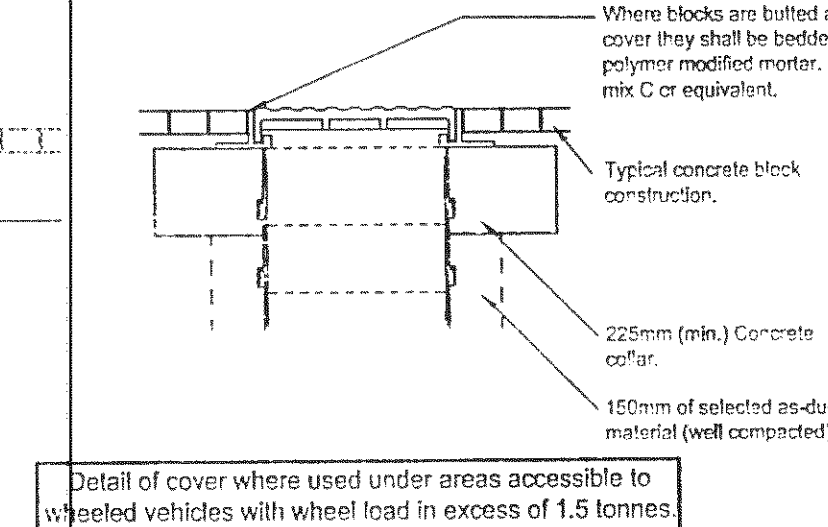
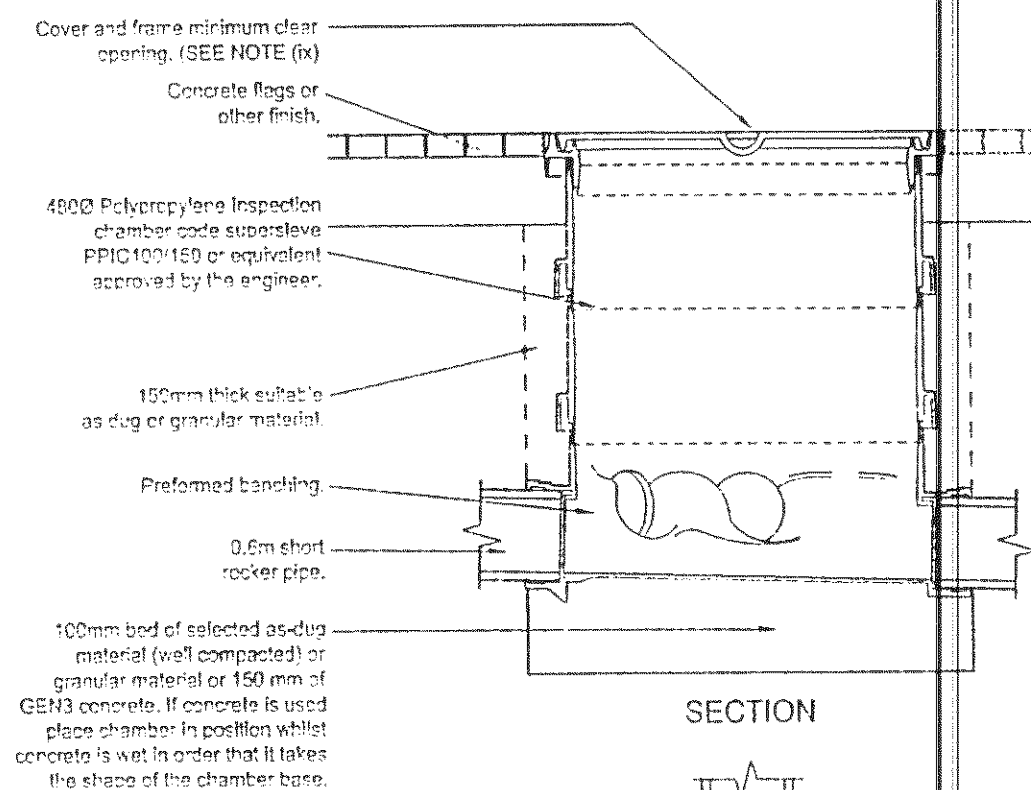
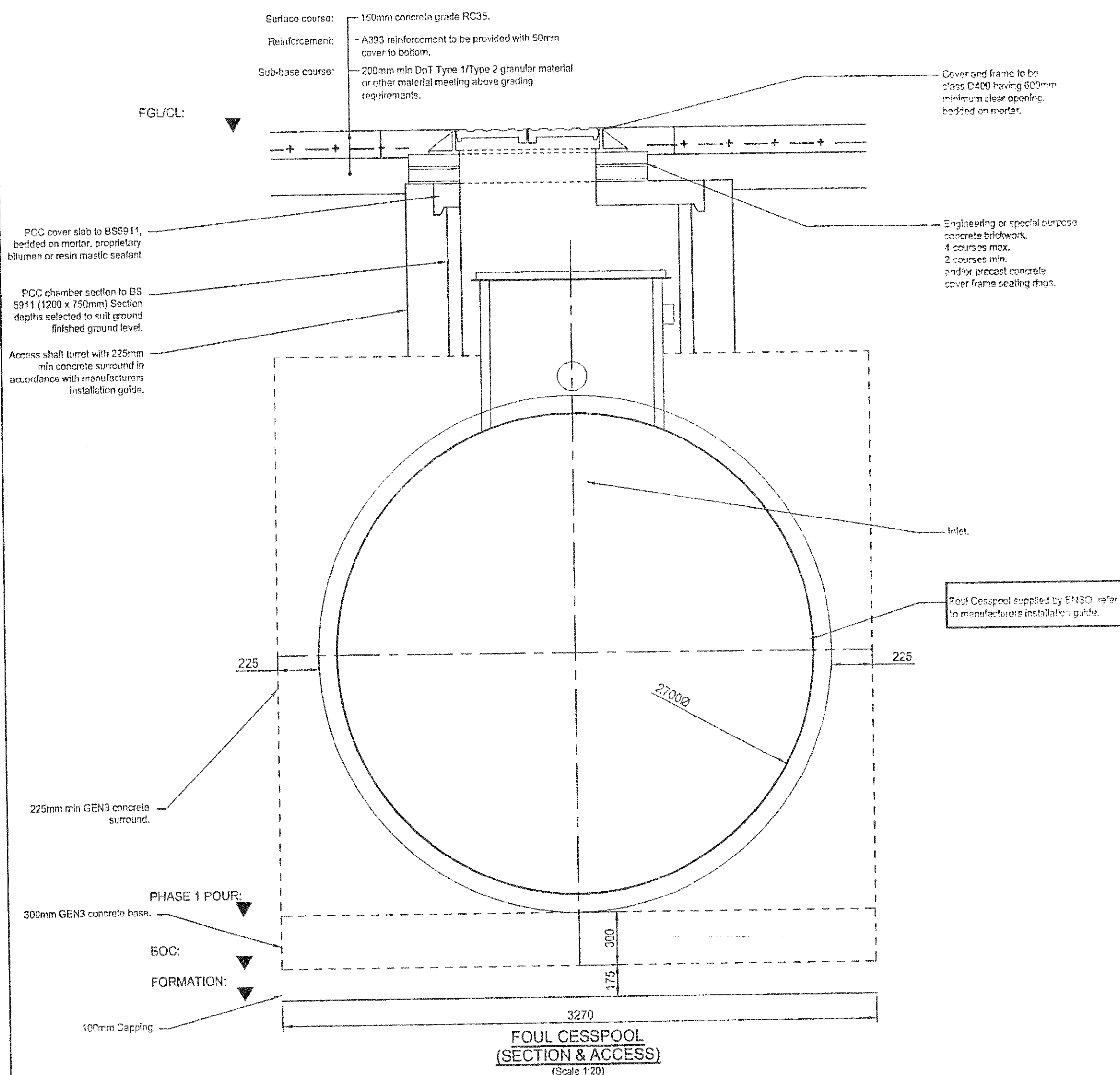
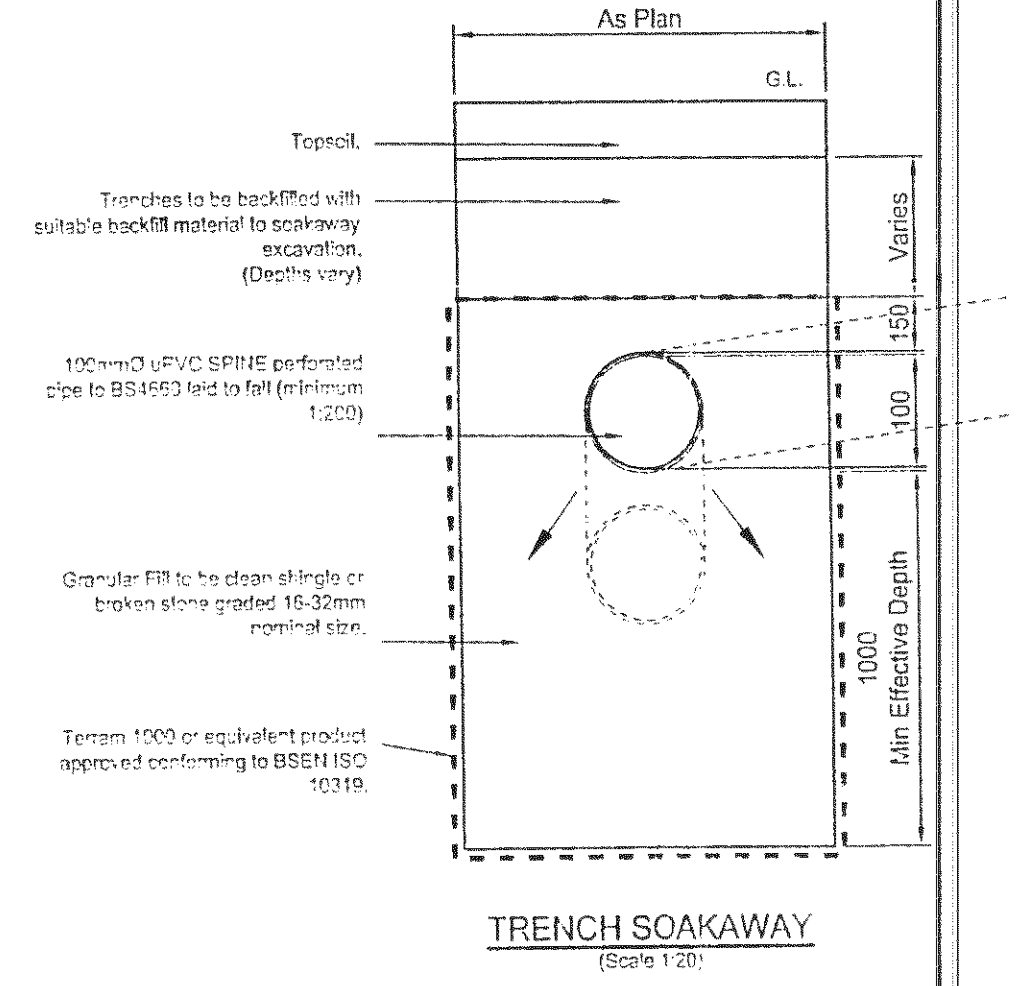




POLYPROPYLENE INSPECTION CHAMBER DETAIL (4800)
(Scale 1:20)

Depth to invert of less than 930mm.
Depth to invert with concrete collar of less than 1.0m.



REFER TO DRAINAGE GA FOR LOCATION & ARRANGEMENT.

PARALLEL TRENCHES TO BE POSITIONED WITH A MIN 1000mm GAP.

STANDARD NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER LISTED DRAWINGS, AND WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATION.
2. NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING, UNLESS NOTED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETERS AND ALL LEVELS ARE IN METRES FROM THE SITE DATUM.
3. ALL DIMENSIONS TO BE CHECKED ON SITE. ALL DETAILS AND DIMENSIONS RELATING TO SUB-CONTRACTORS WORK MUST BE CHECKED AND AGREED BETWEEN THE SUB-CONTRACTOR OR SUBTILER AND THE GENERAL CONTRACTOR.
4. THE ELECTRONIC INFORMATION FROM THIS DRAWING CAN NOT BE GUARANTEED AS DIMENSIONALLY DRAWN EXACT. FIGURED DIMENSIONS MUST BE USED FOR SETTING OUT AND DETAILING.
5. THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL TEMPORARY WORKS, AND IS ALSO RESPONSIBLE FOR THE SAFE MAINTENANCE AND STABILITY OF EXISTING BUILDINGS AT ALL TIMES.
6. THE MAIN CONTRACTOR IS RESPONSIBLE FOR DEALING WITH ALL OCCURRENCES OF GROUND WATER DURING THE CONSTRUCTION PERIOD.
7. THE CONTRACTOR MUST COMPLY WITH ALL CURRENT LEGISLATION RELATING TO HEALTH & SAFETY.

DRAINAGE NOTES:

1. ALL WORKS TO BE CONSTRUCTED IN STRICT ACCORDANCE WITH SPECIFICATION OF THE LOCAL AUTHORITY, BS8301 1995 & BS EN 752-1.
2. ALL PIPE RIGS NEAR BUILDINGS TO COMPLY WITH THE BUILDING REGULATIONS 2002 PART H1, WHERE A PIPE IS WITHIN 1m OF A FOUNDATION THE TRENCH SHALL BE FILLED WITH CLASS GEN3 CONCRETE UP TO THE LOWEST LEVEL OF THE FOUNDATION, WHERE THE TRENCH IS FURTHER THAN 1m FROM THE FOUNDATION, THE TRENCH SHALL BE FILLED WITH CLASS GEN3 CONCRETE TO A LEVEL BELOW THE LOWEST LEVEL FOR THE FOUNDATION EQUAL TO THE DISTANCE FROM THE FOUNDATION LESS 150mm. IN BOTH CASES THE PIPE SHALL BE BEDDED AND SURROUNDED IN 150mm THICK CLASS GEN3 CONCRETE.
3. WHERE PIPES, EXTERNAL TO THE STRUCTURES, HAVE A DEPTH TO SOFFIT FROM GROUND LEVEL OF LESS THAN 450mm THEY SHALL HAVE A CLASS GEN3 CONCRETE ENCASMENT (150mm THICK).
4. IN ANY CIRCUMSTANCES WHERE PIPES ARE BEDDED AND SURROUNDED IN CONCRETE FLEXIBLE JOINTS SHOULD BE PROVIDED. COMPRESSIBLE BOARDS (FIBREBOARD OR POLYSTYRENE) SHALL BE PROVIDED AT A MAXIMUM OF 6m CENTRES (CONCORDING WITH PIPE JOINTS). THE BOARDS SHALL BE PRE-CUT TO PIPE DIAMETER AND TO A HEIGHT AND WIDTH EQUAL TO THE CONCRETE CROSS SECTION. A BOARD THICKNESS OF 18mm FOR PIPES UP TO 450mm NOMINAL DIAMETER AND 25mm FOR PIPES OVER 450mm NOMINAL DIAMETER.
5. ALL PRIVATE BUILDING DRAINAGE SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH BS EN 752-1. UNLESS OTHERWISE SPECIFIED BUILDING DRAINAGE SHALL BE 100mm DIAMETER AND SHALL BE LAID AT A MINIMUM GRADIENT OF 1:100 (USE 1:80 FOR 400mm DIA) OR 1:80 FOR 150mm DIA. DRAINS AND 1:60 FOR SURFACE WATER DRAINS. ALL BUILDING DRAINS SHALL BE LAID IN CONJUNCTION WITH 'NON ADAPTIVE BEDDING DETAILS' (CLASS D, N OR B) UNLESS OTHERWISE SPECIFIED.
6. ALL PIPES, JOINTS AND JOINTION MATERIALS SHALL BE NOTIFIED CLAY, EXTRA STRENGTH OR SUPER STRENGTH TO BS EN 752-1, WITH FLEXIBLE JOINTS AND FITTINGS CERTIFIED. ALTERNATIVELY ALL PIPES AND FITTINGS CAN BE uPVC CONFORMING TO BS4660 AND BS5481:1989 AS APPROPRIATE AND SHALL BE LAID IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION. IF uPVC PIPES ARE TO BE USED THEN THE MANUFACTURER SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
7. ALL CONNECTIONS TO BE SOFFIT TO SOFFIT.
8. TRENCH TEMPORARY FORMWORK IS REQUIRED TO ALL EXCAVATIONS EXCEEDING 1.2m DEPTH TO PROVIDE ADEQUATE SUPPORT AND STABILITY AT ALL TIMES.
9. SEWERS EXCEEDING 1.2m DEPTH TO BE CONSTRUCTED IN SINGLE SECTIONS BETWEEN MANHOLES ONLY. TRENCHES TO BE BACKFILLED PRIOR TO EXCAVATING THE SUCCEEDING SEWER RUN.
10. ALL CONCRETE AND CONCRETE PRODUCTS TO BE IN ACCORDANCE WITH BRE 363 FOR SUBMITTALS.
11. WHERE SEWER OR DRAIN ARE TO BE ABANDONED THEY SHALL BE REMOVED OR FILLED BY CROUING IN ACCORDANCE WITH THE CIVIL ENGINEER SPECIFICATION FOR THE WATER INDUSTRY 6TH EDITION, CLAUSE 5.23.
12. ALL SOAKAWAY AND/OR INFILTRATION PITS TO SATISFY BUILDING CONTROL OFFICER/ENVIRONMENT AGENCY.
13. ALL MATERIALS TO BE AGREED WITH THE LOCAL AUTHORITY PRIOR TO THE COMMENCEMENT OF WORKS.
14. MANHOLE COVERS AND FRAMES SITUATED IN THE CARRIAGEWAY AND VEHICULAR ACCESSES SHALL BE CLASS D400 COVER AND FRAME 675x675mm CLEAR OPENING IN ACCORDANCE WITH EN 124.
15. MANHOLE COVERS AND FRAMES SITUATED IN AREAS OTHER THAN THE CARRIAGEWAY AND VEHICULAR ACCESSES SHALL BE TO EN 125 CLASS B125 COVER AND FRAME 675x675mm CLEAR OPENING.

REFER TO DRAWING 01 FOR ENGINEERING LAYOUT

ISSUED FOR BUILDING REGULATIONS APPROVAL ONLY	220121 DEVELOPMENT AT SHEEPWASH FARM, ALDINGBOURNE		MARK AKMENKALNS Infrastructure Engineer	
	1100 CONSTRUCTION DETAILS			
	CLIENT SHEEPWASH FARM	DATE FEB 2012	REV 03	Email: markakmenkalns@hotmail.com Mob: 07980568081
	AS SHOWN			