

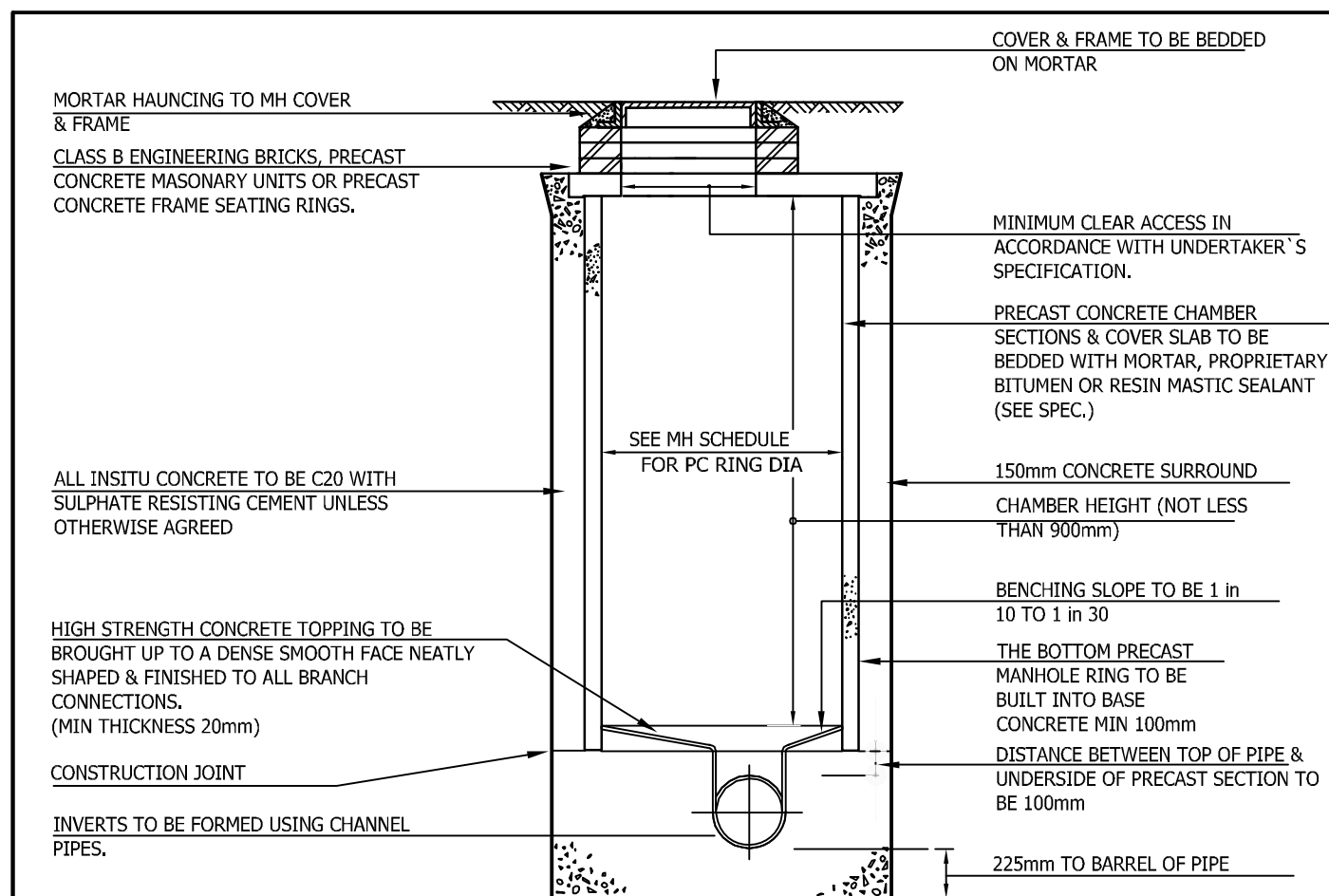
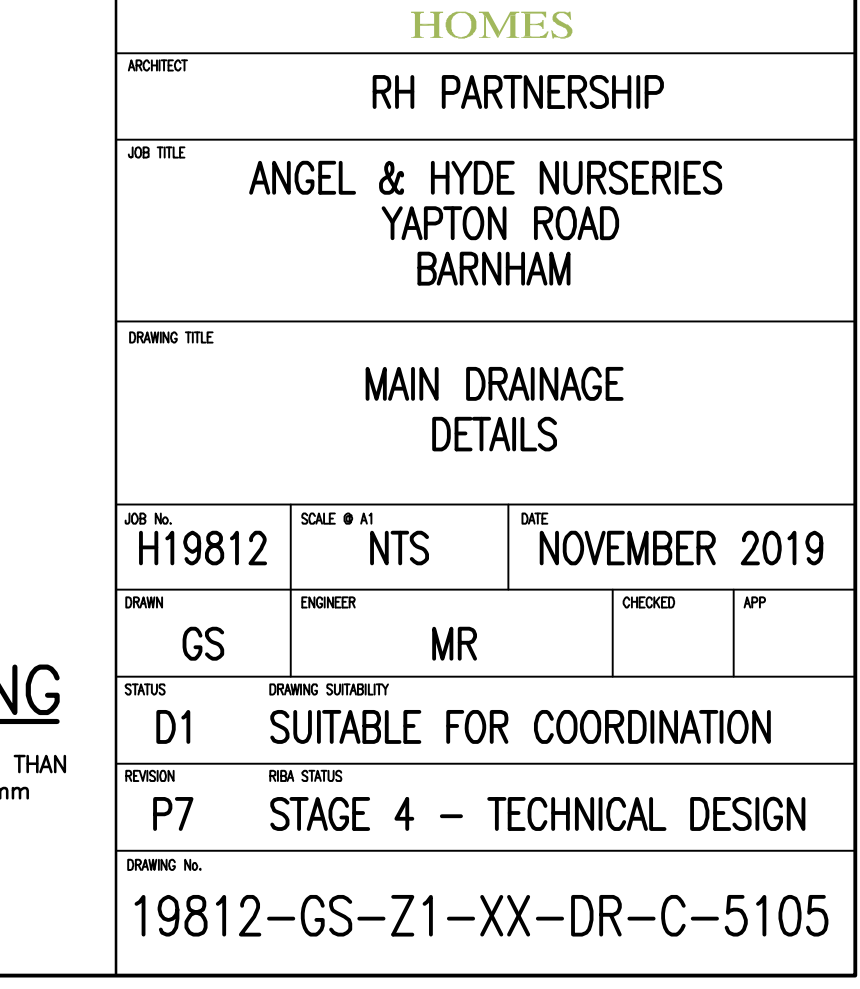
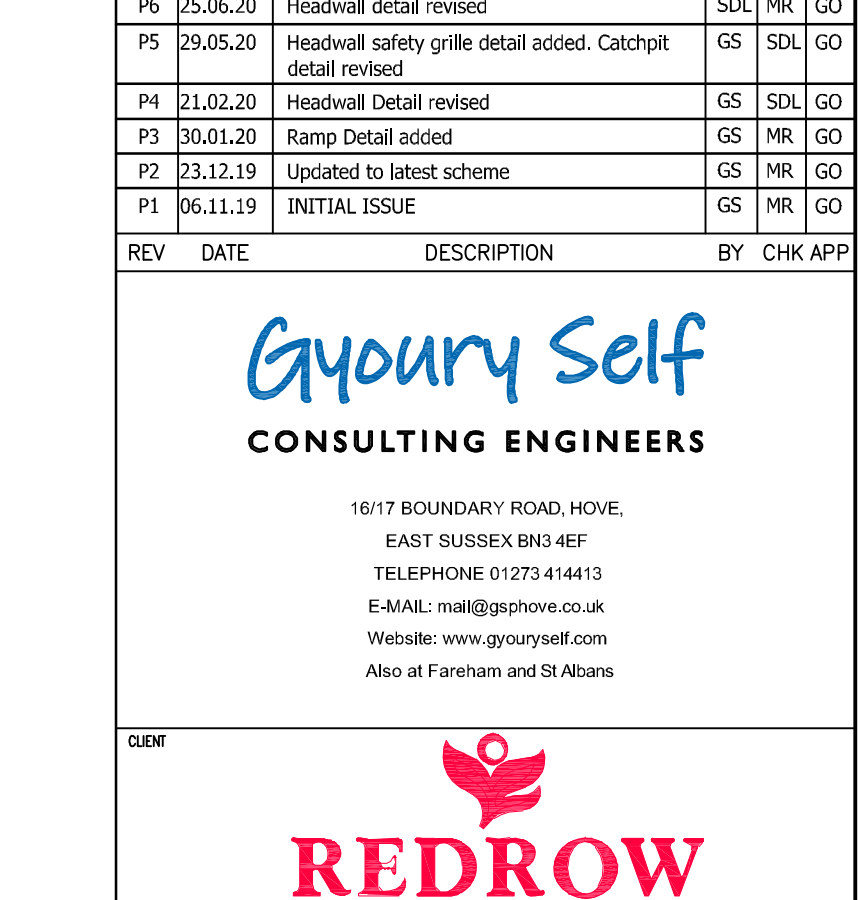
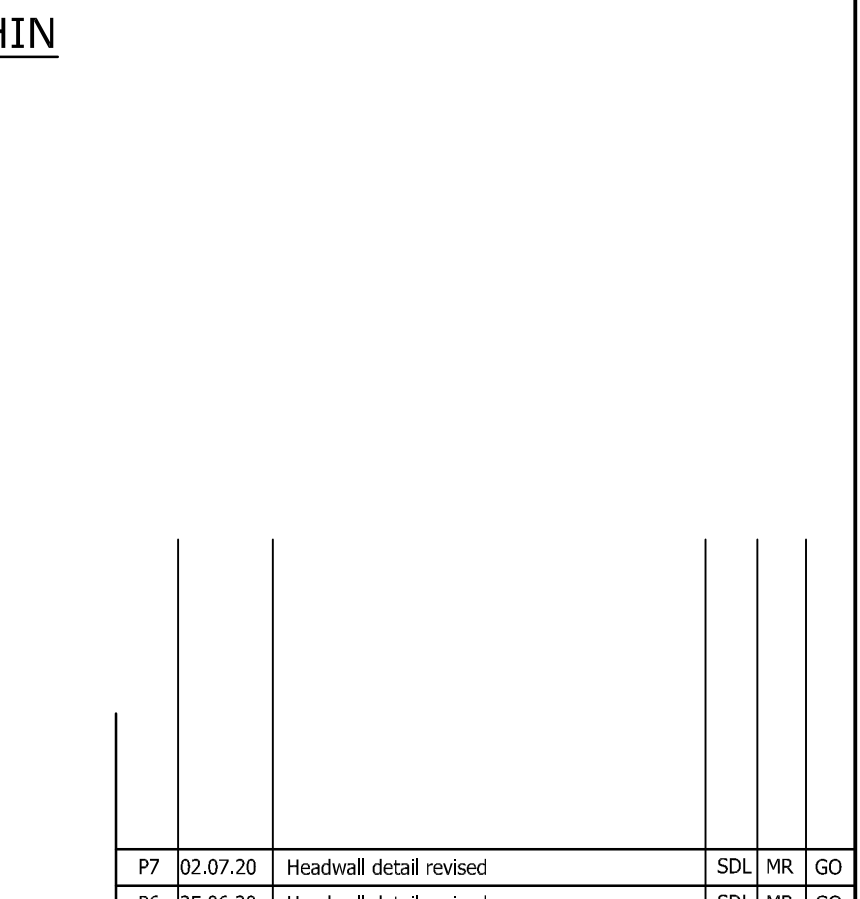
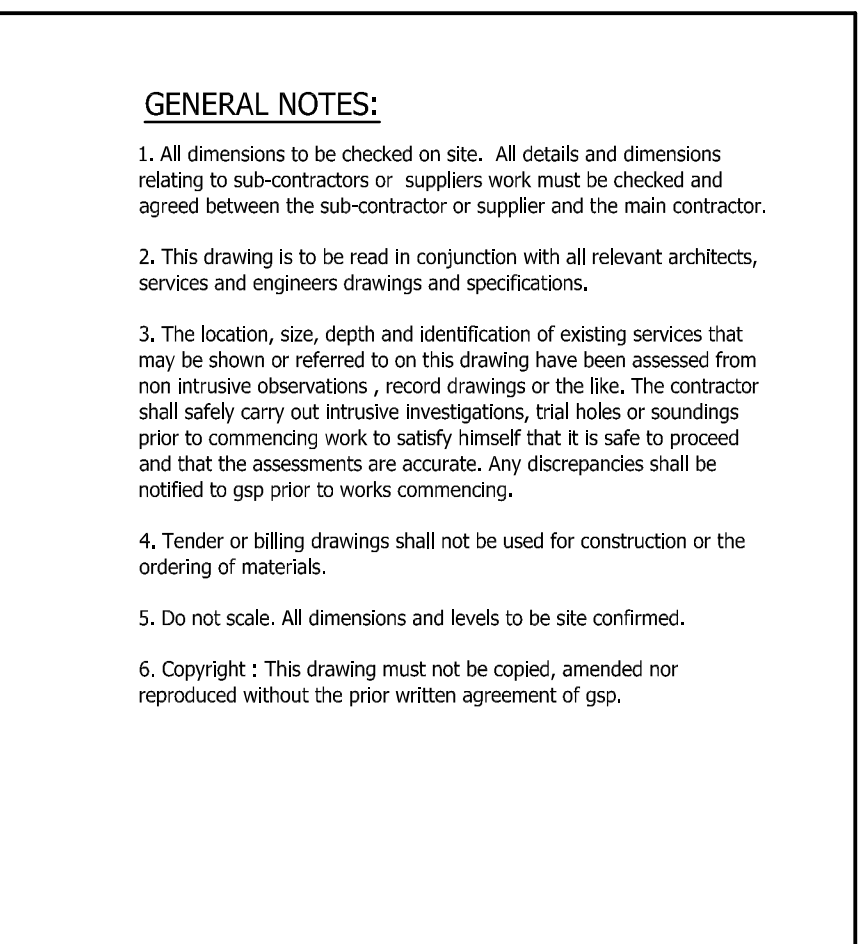
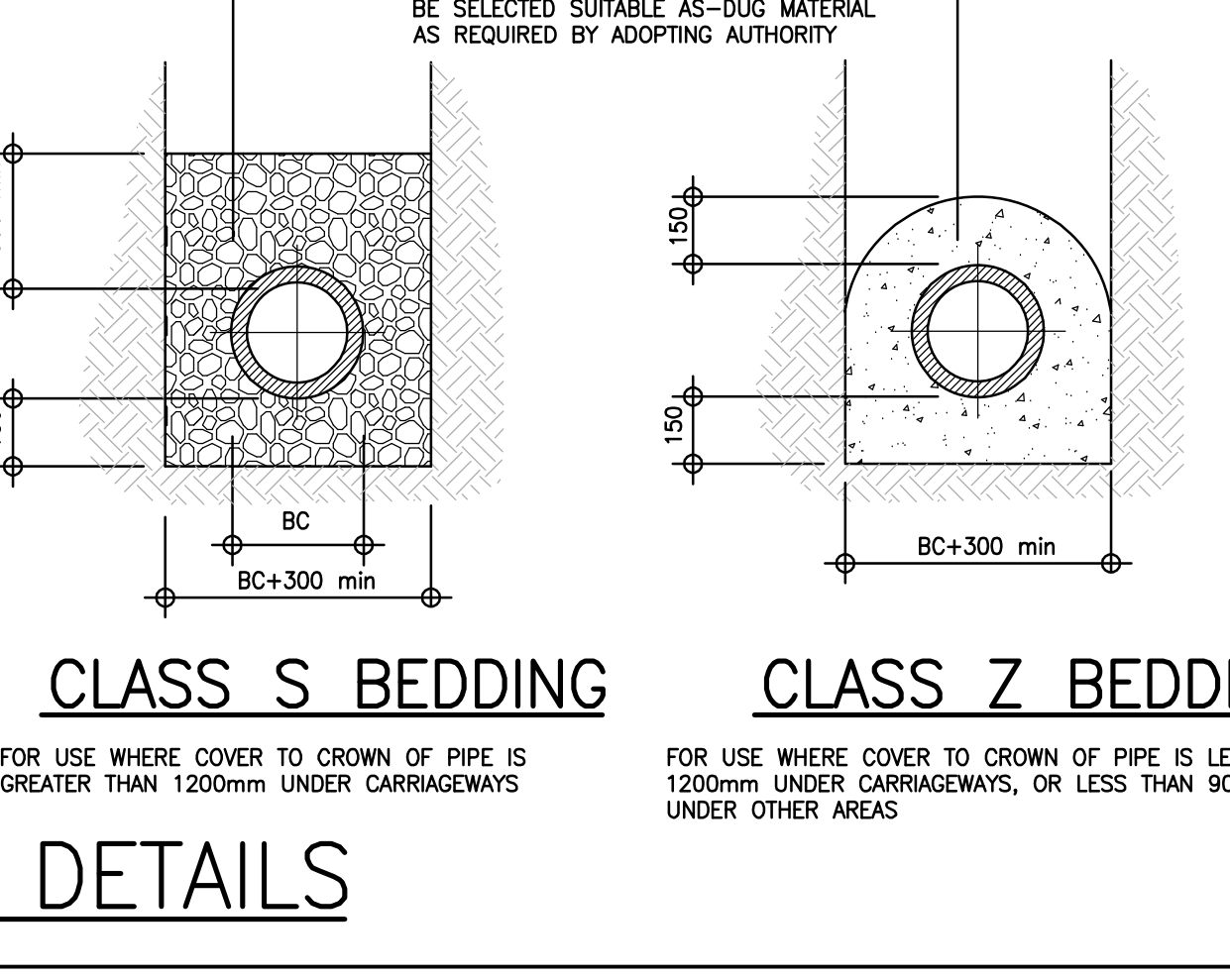
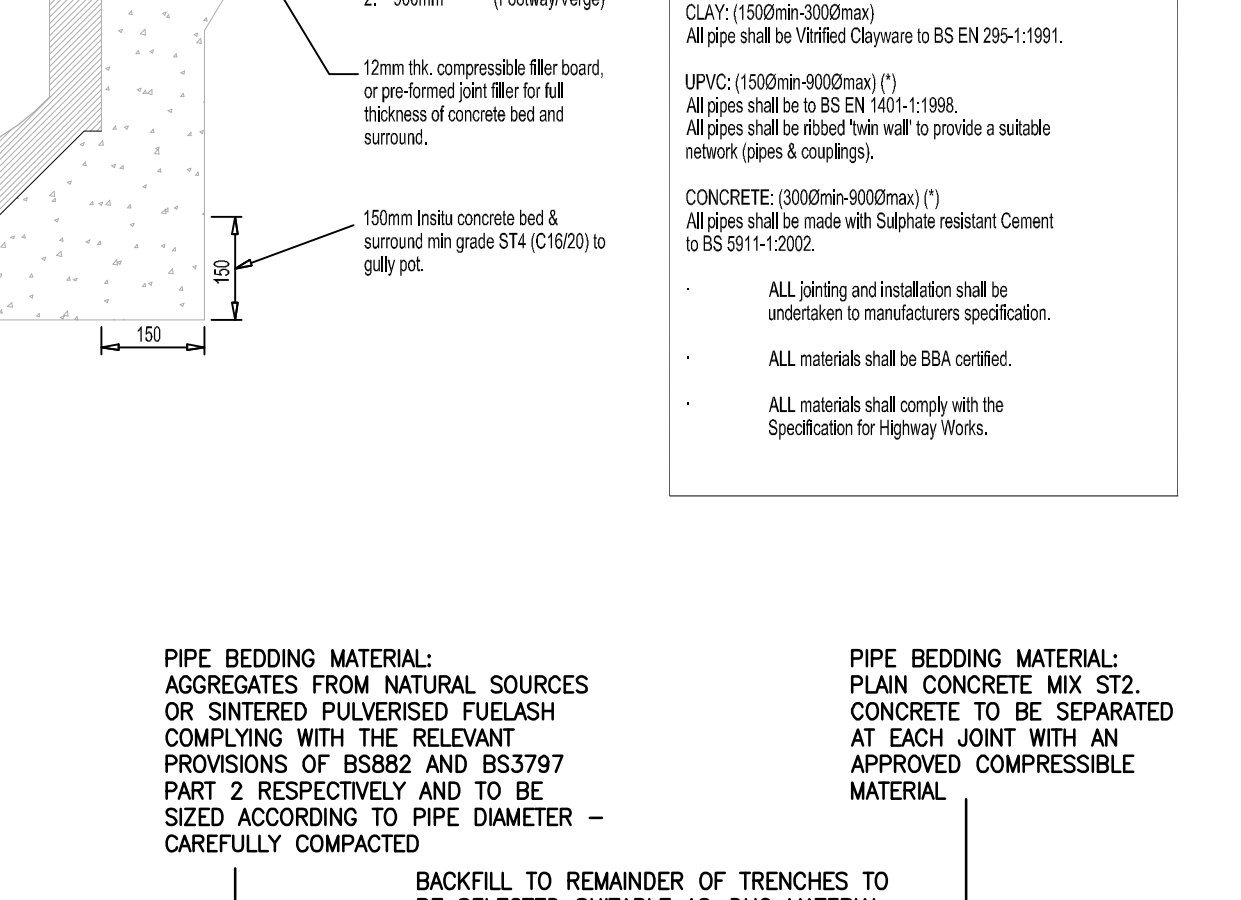
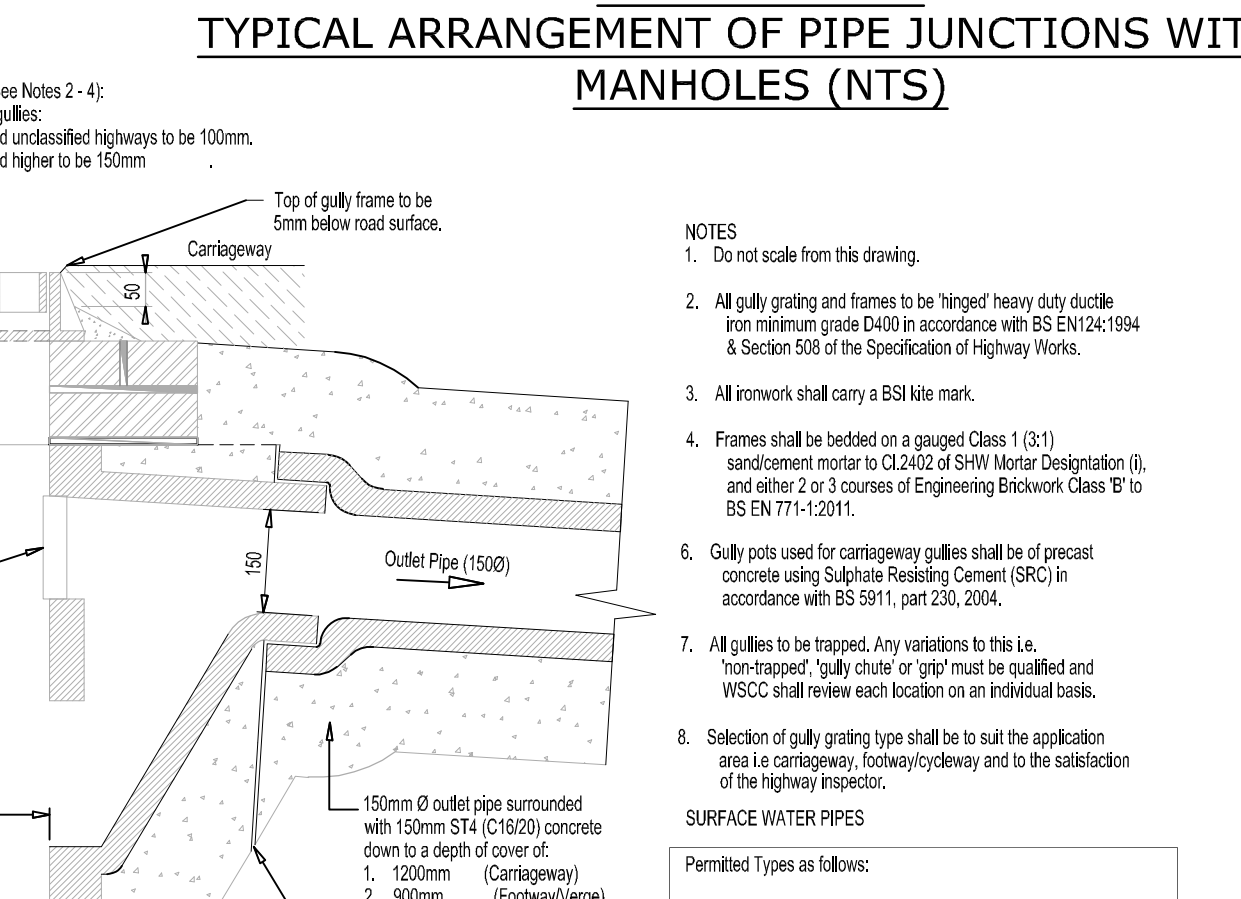
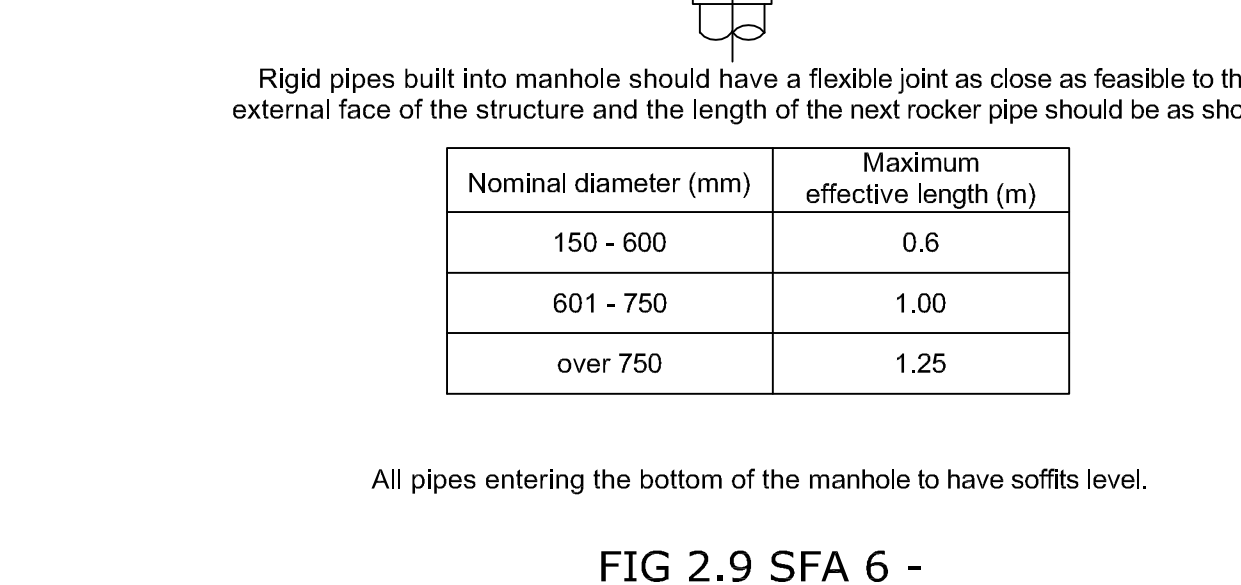
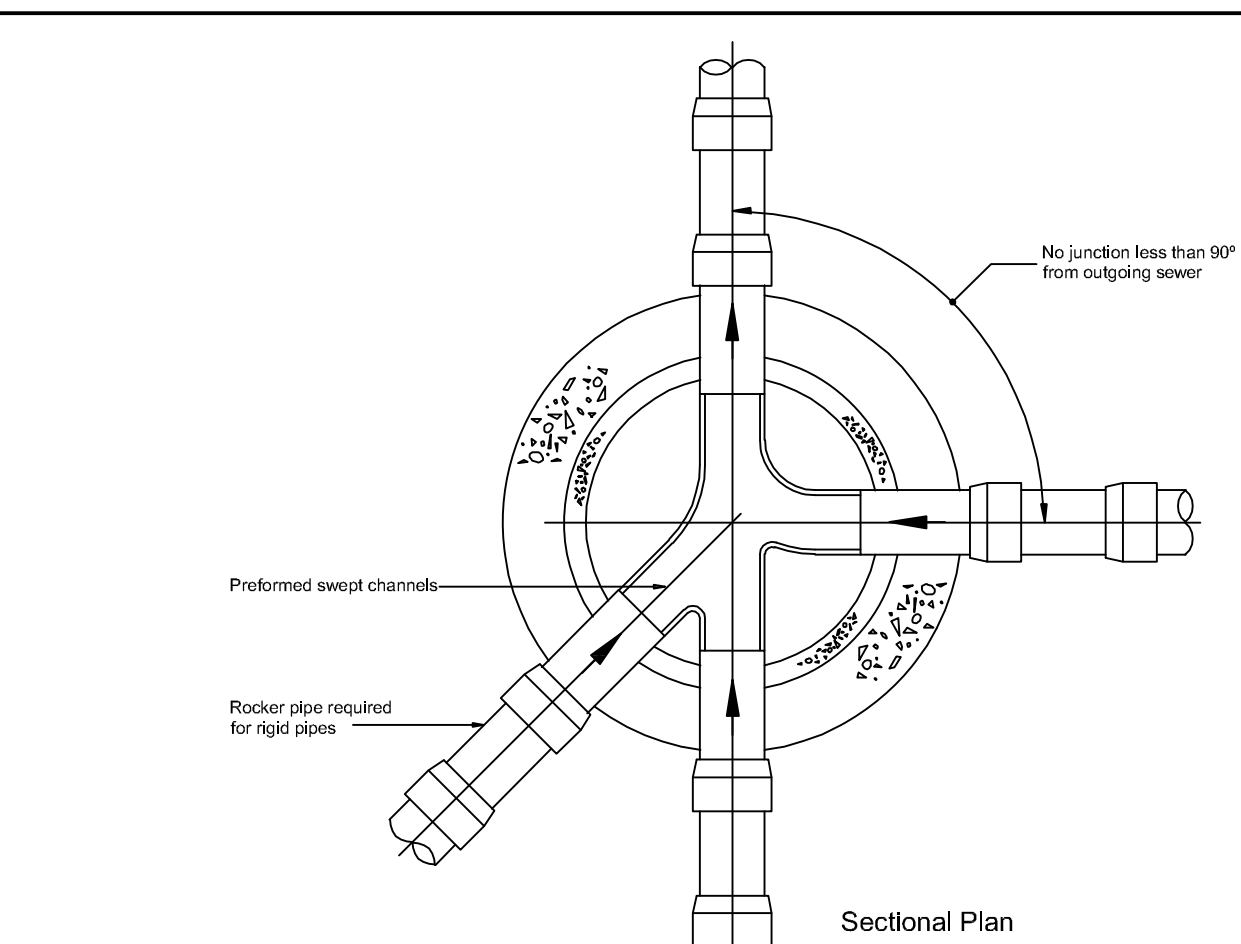
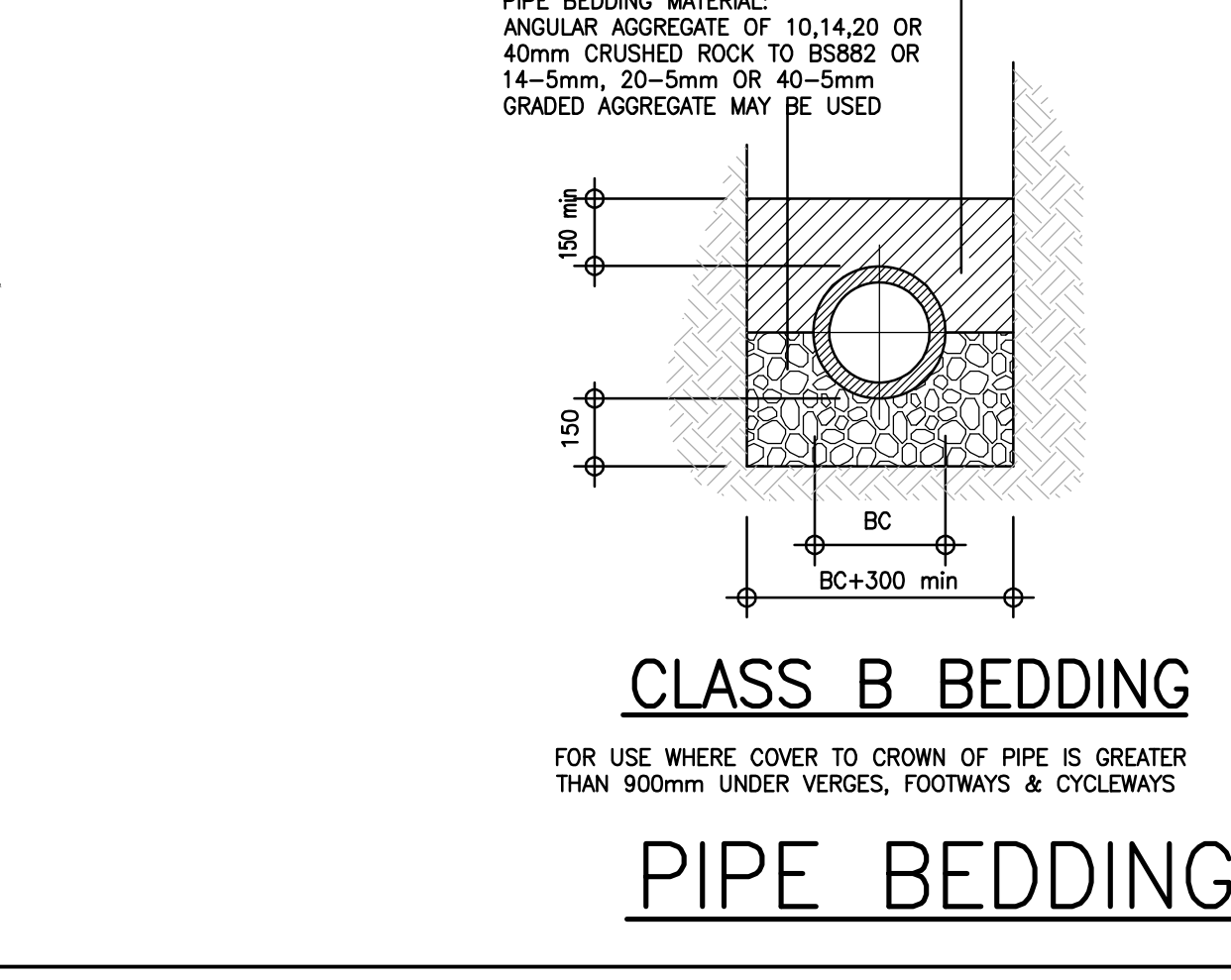
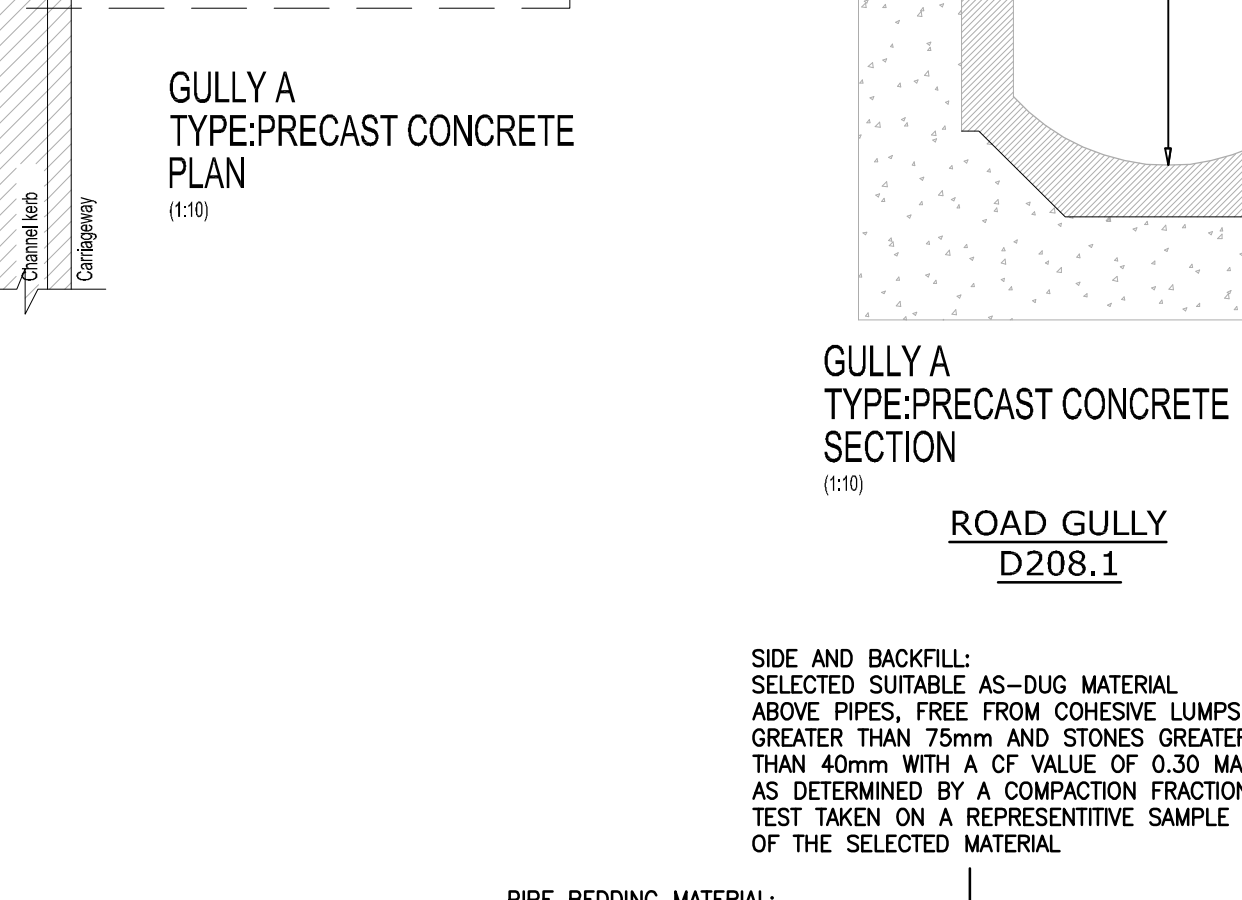
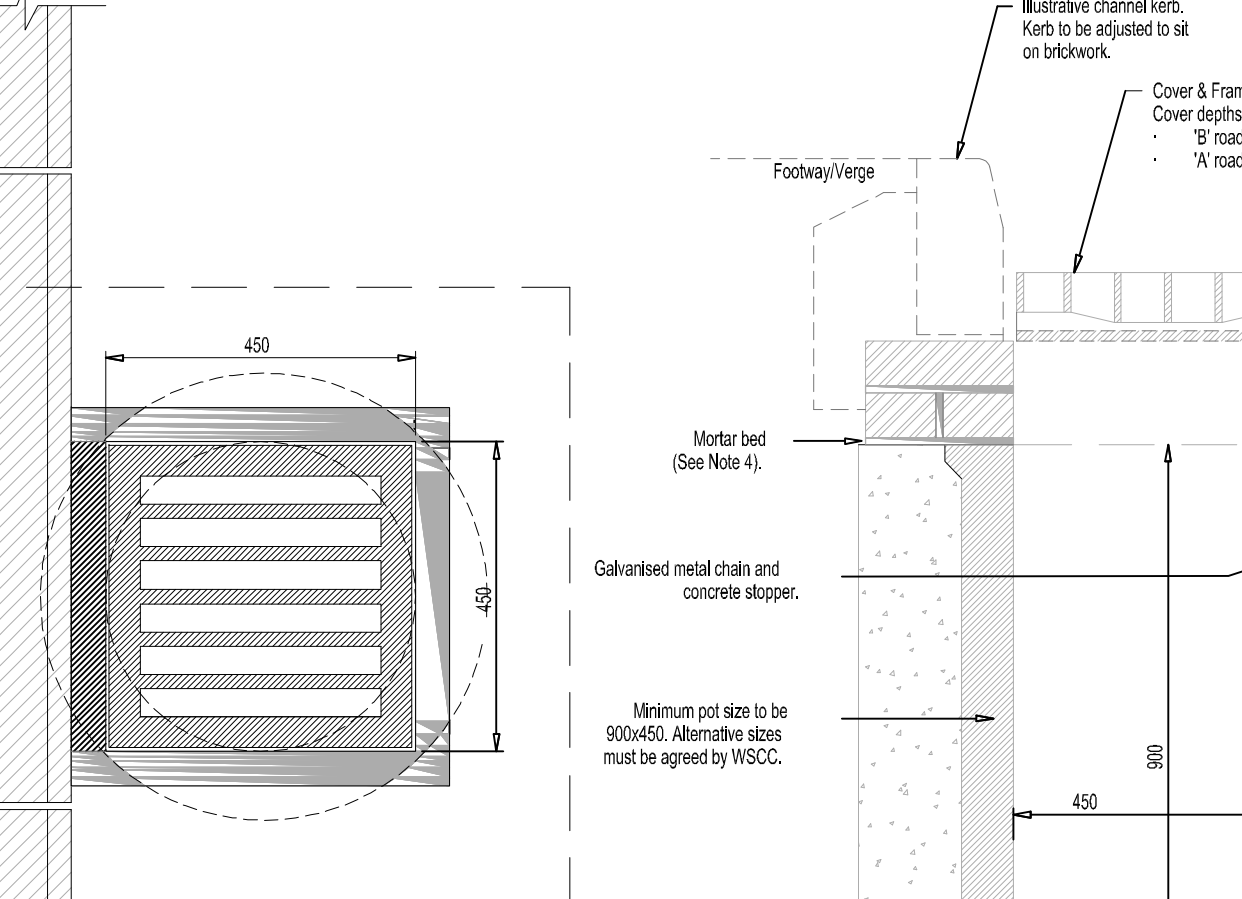
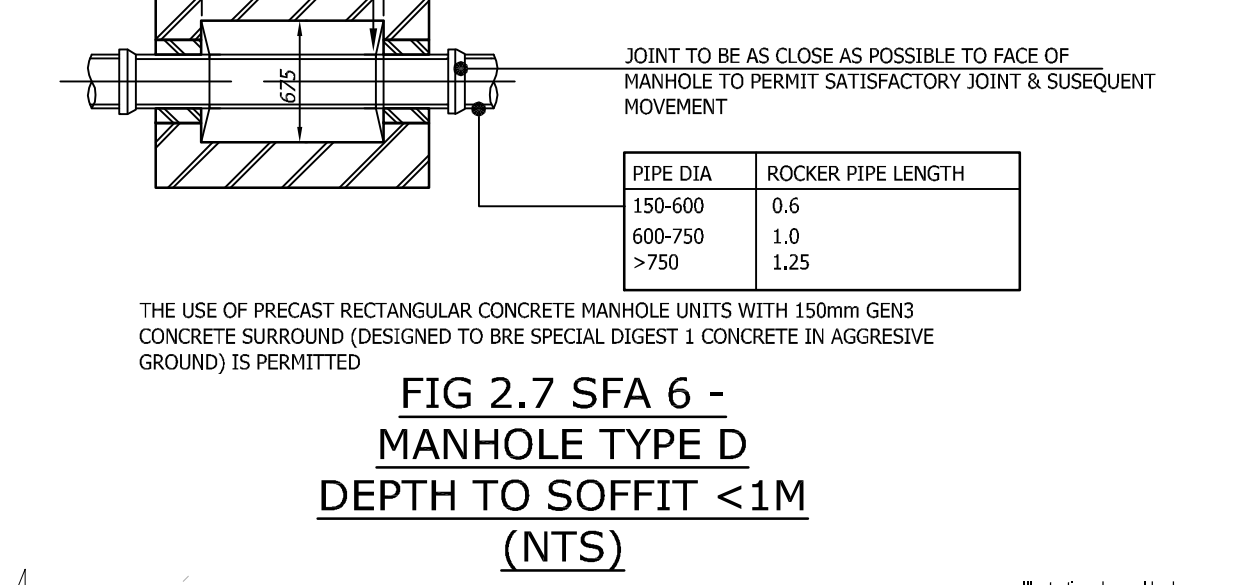
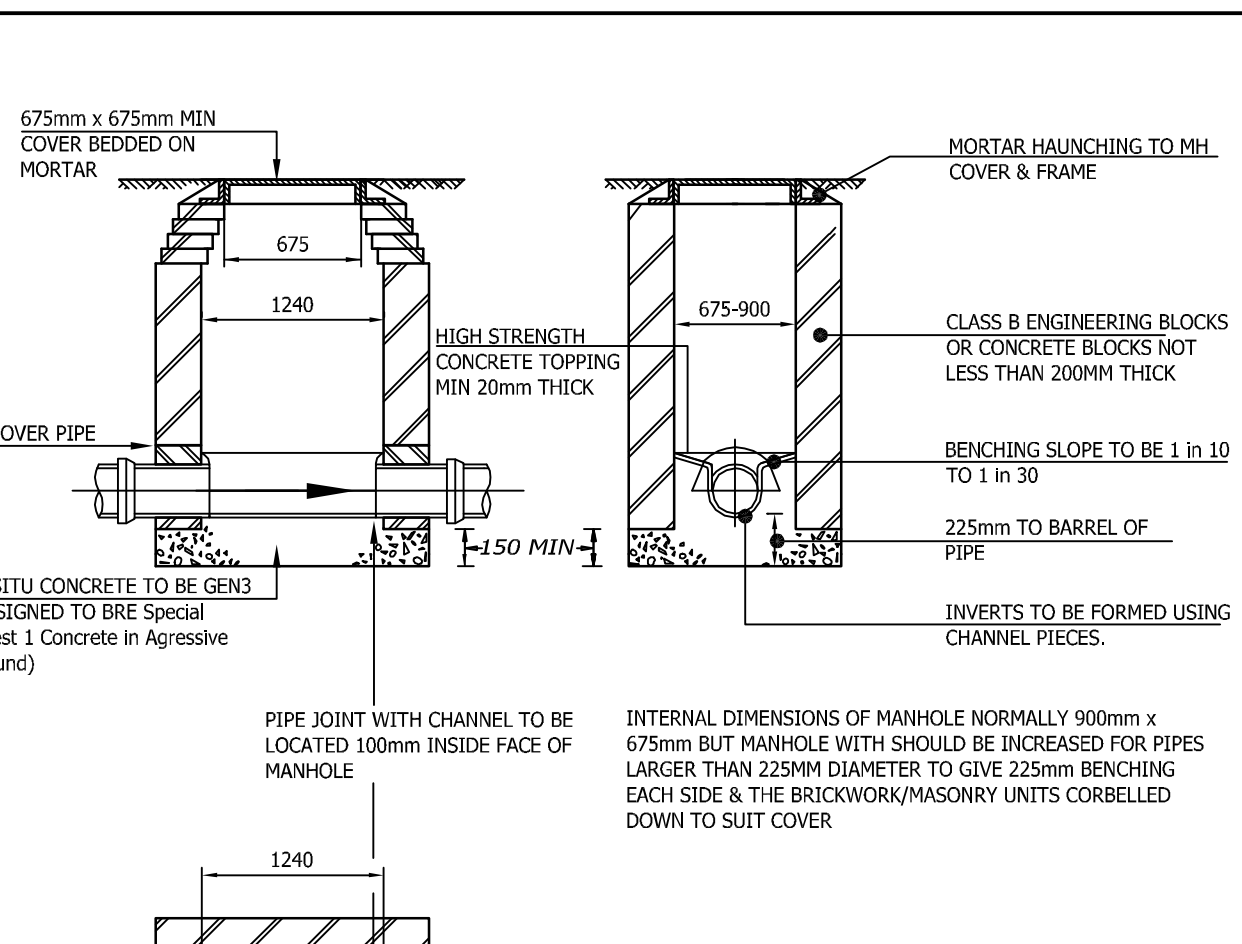
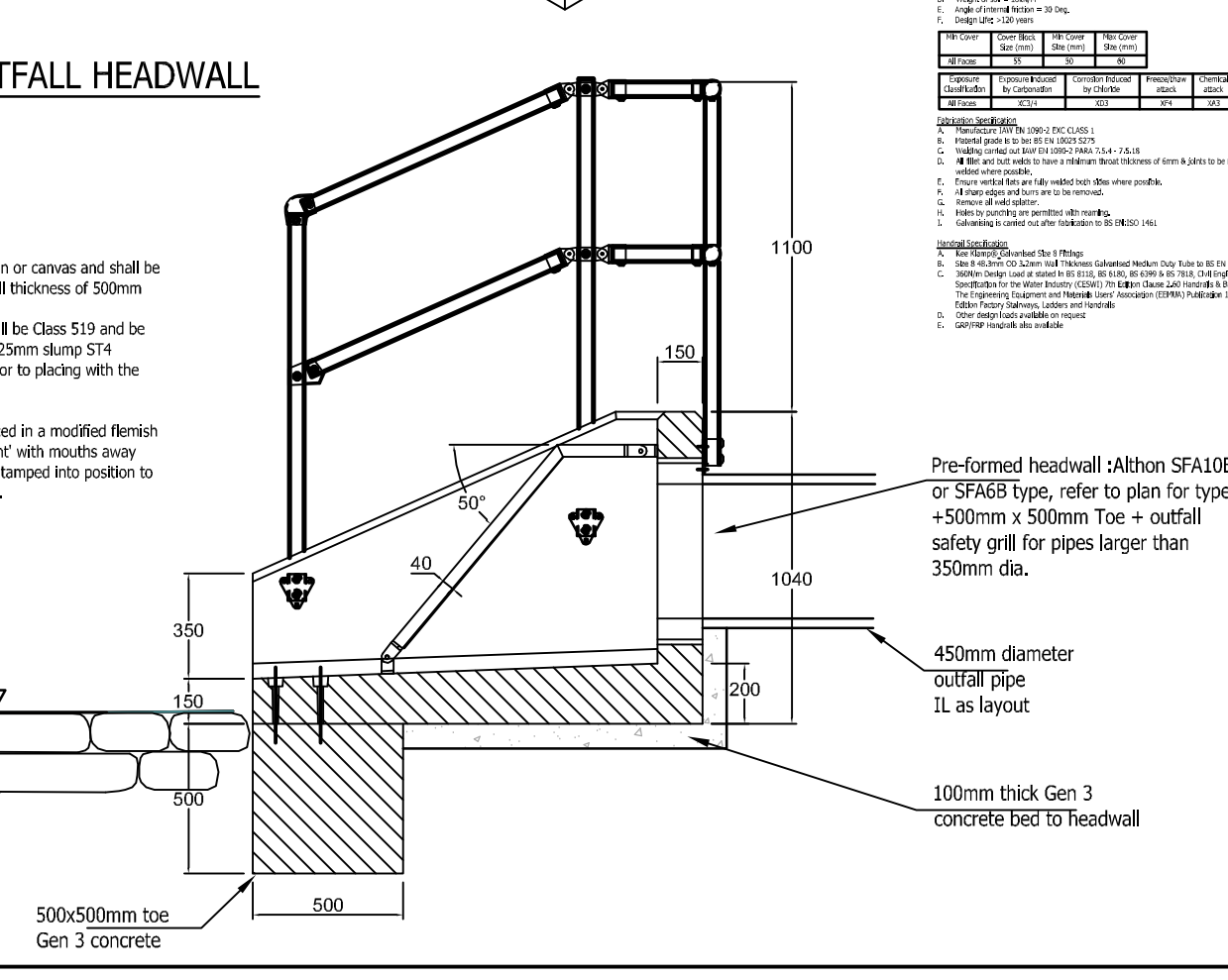
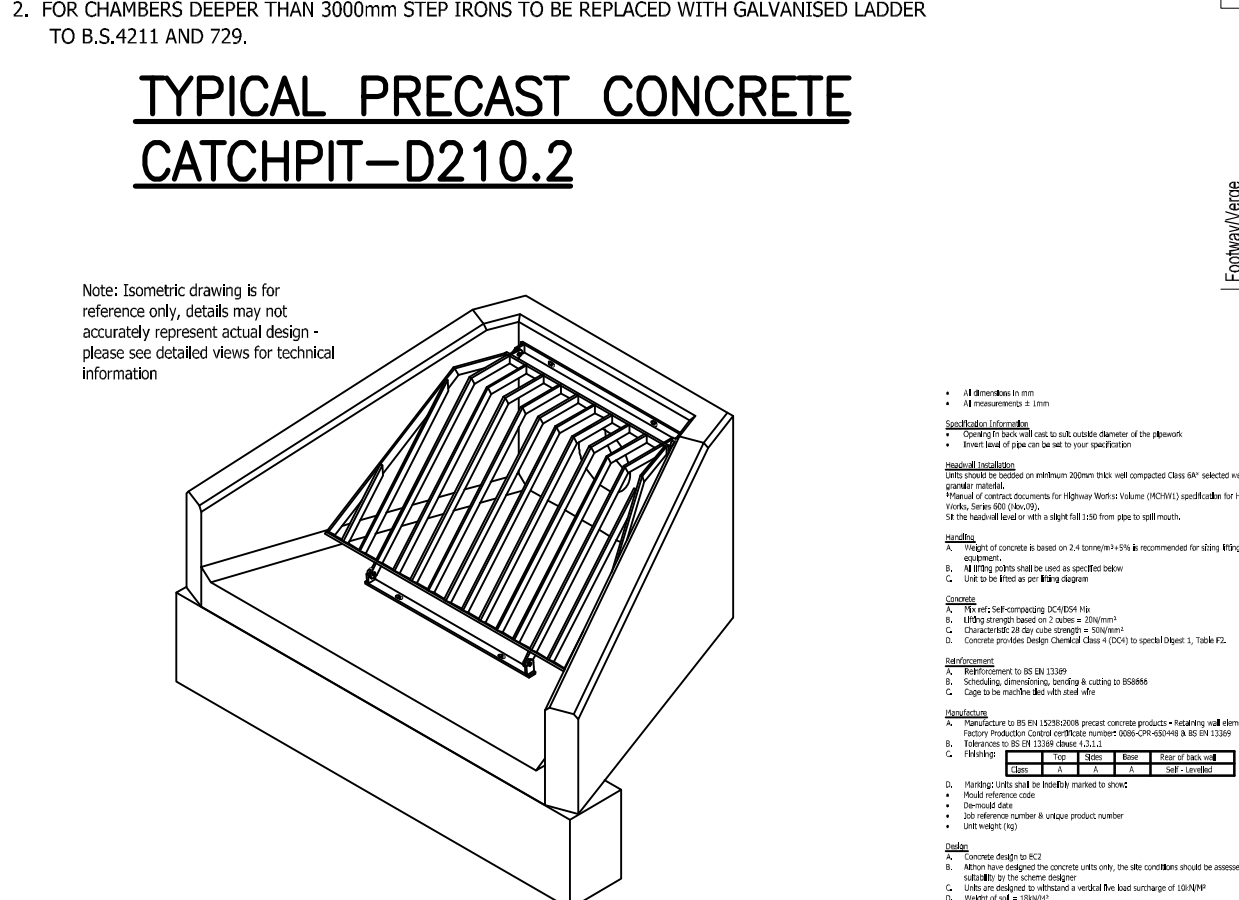
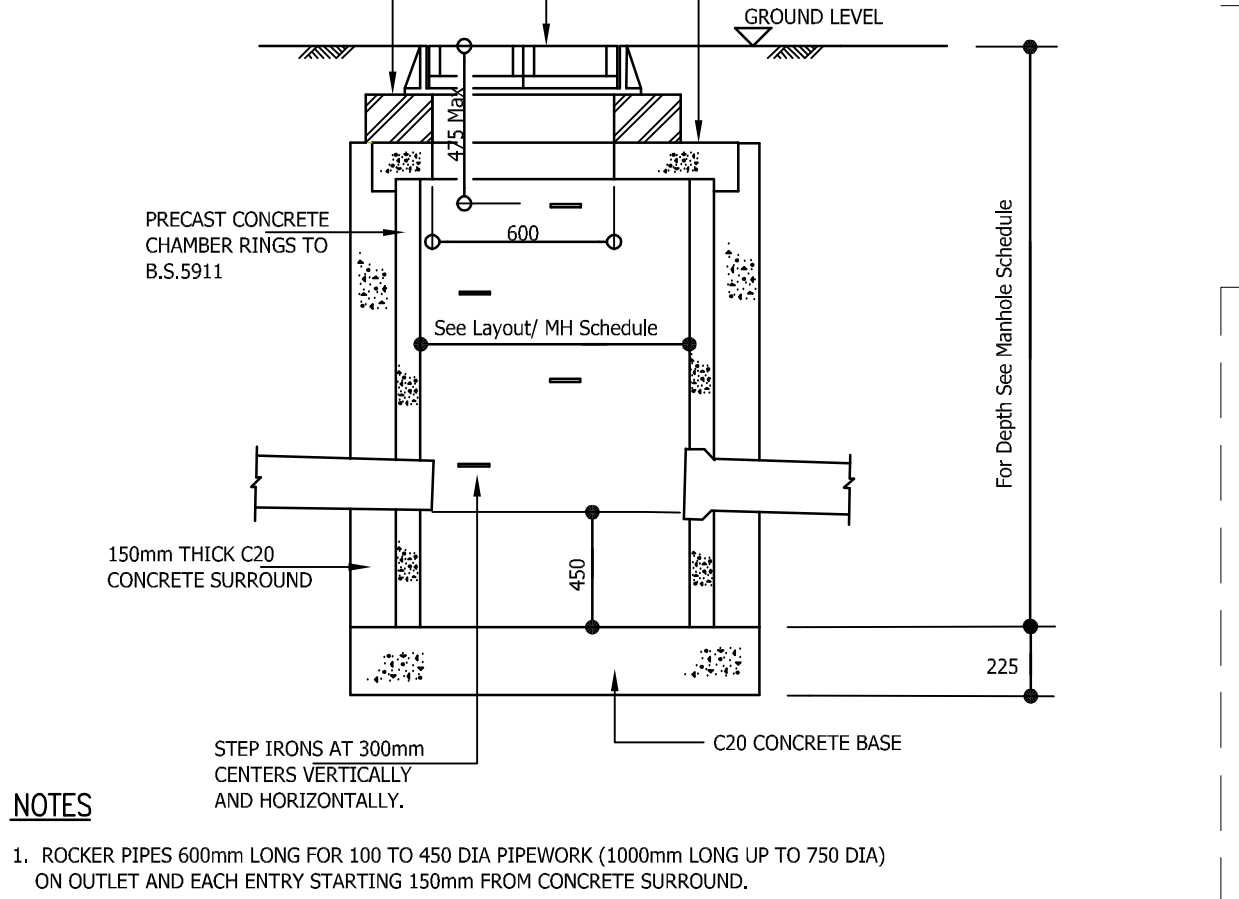
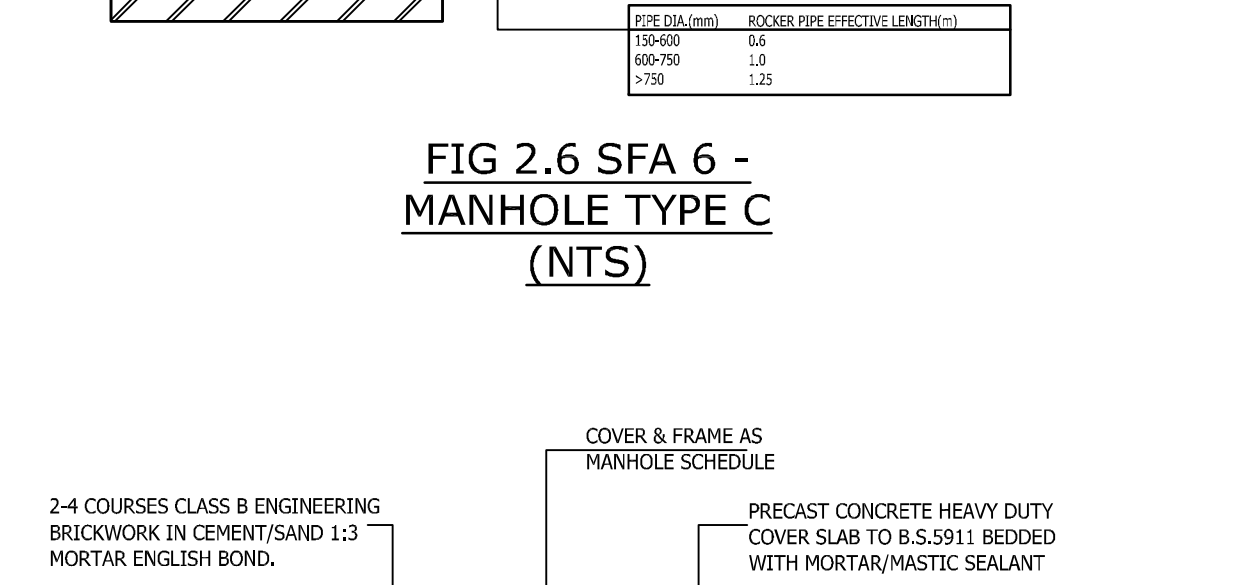
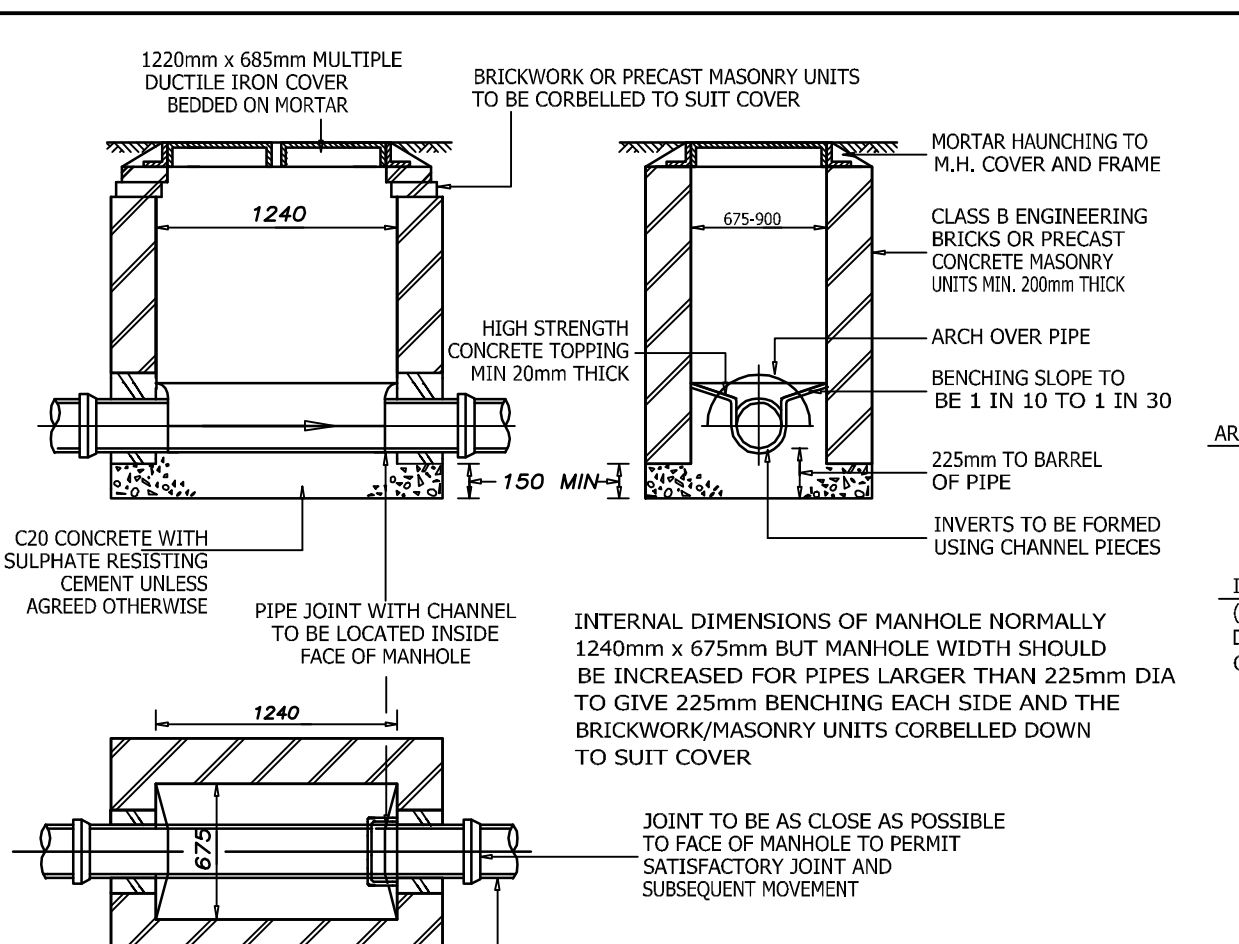
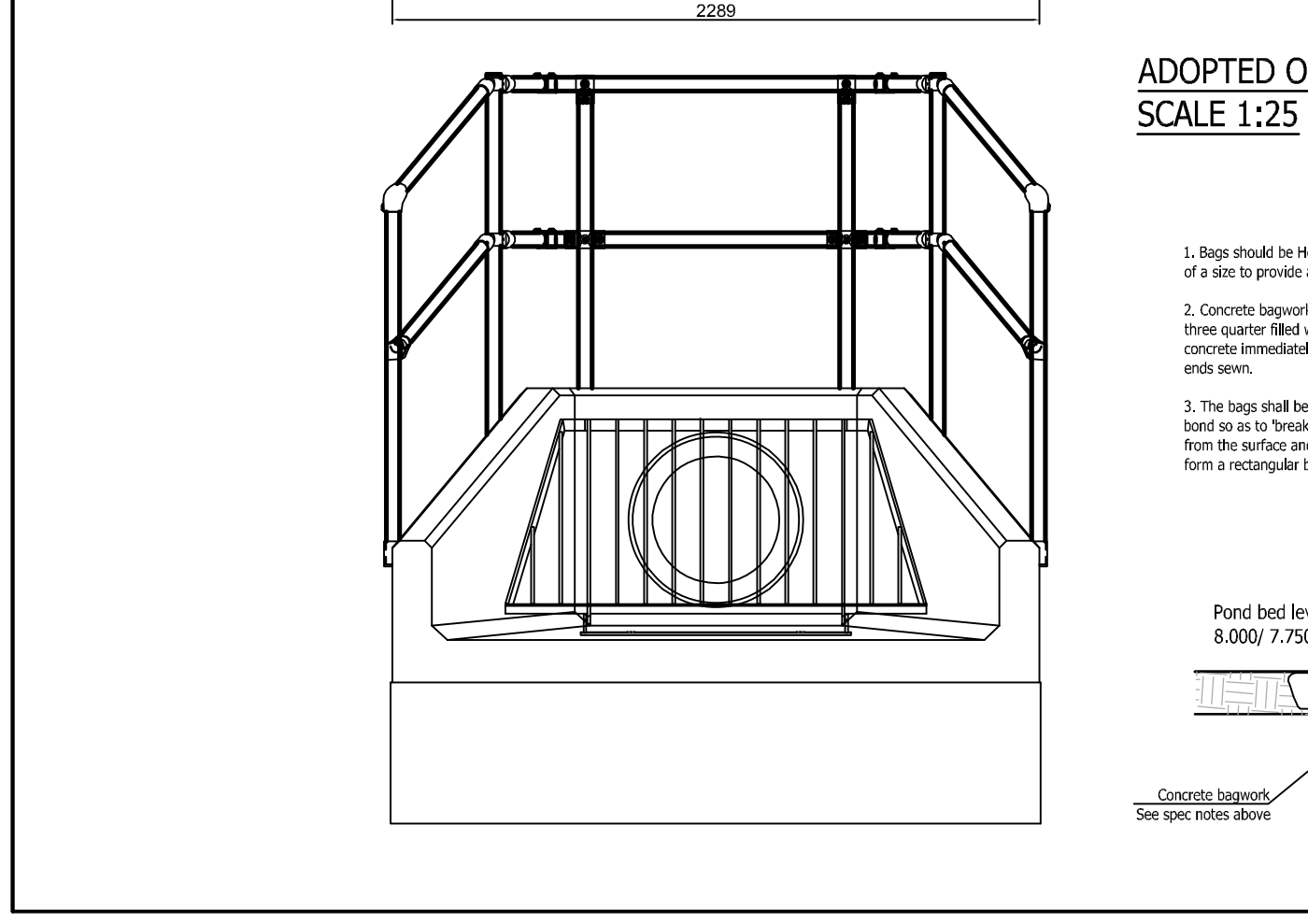
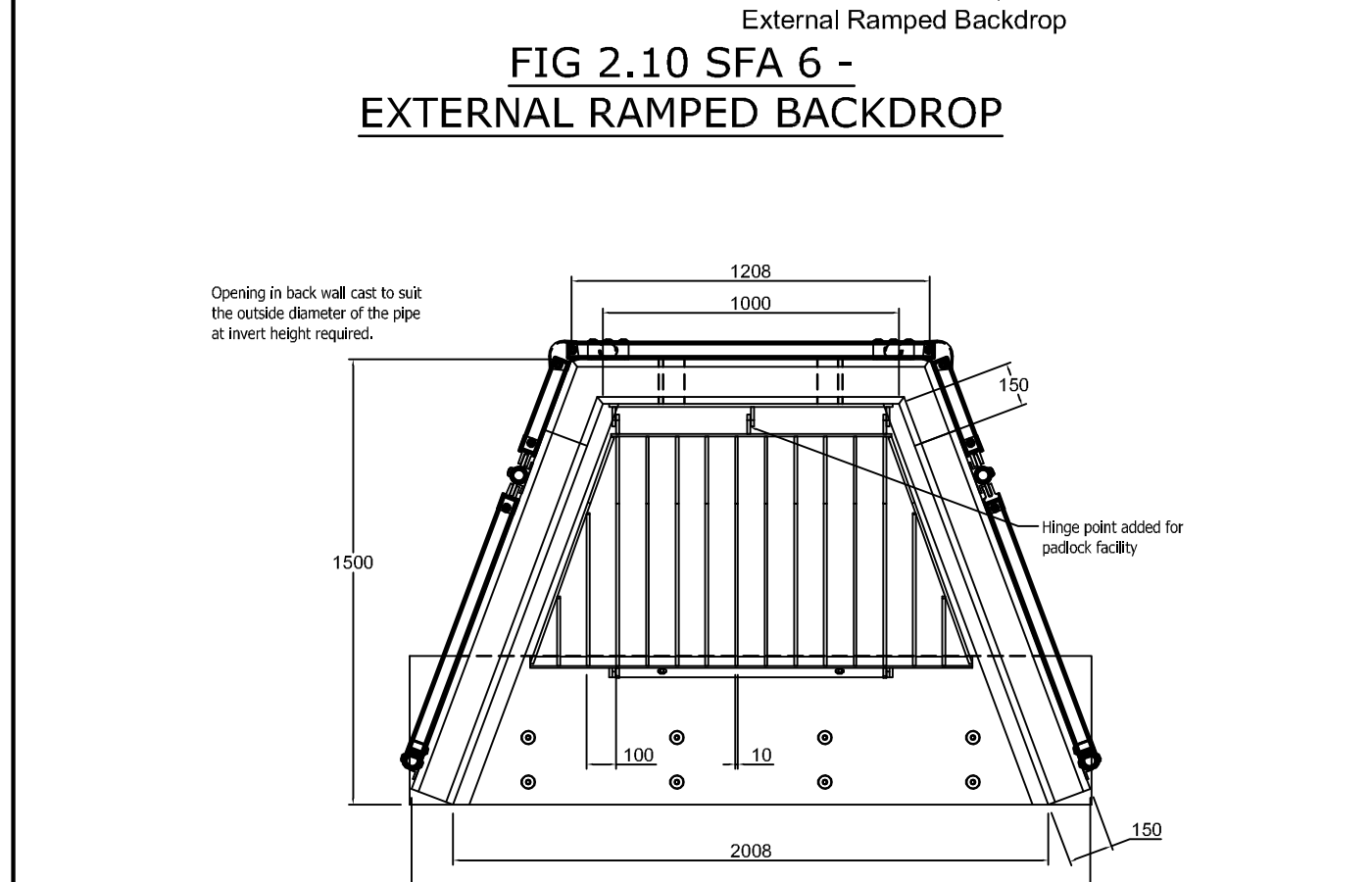
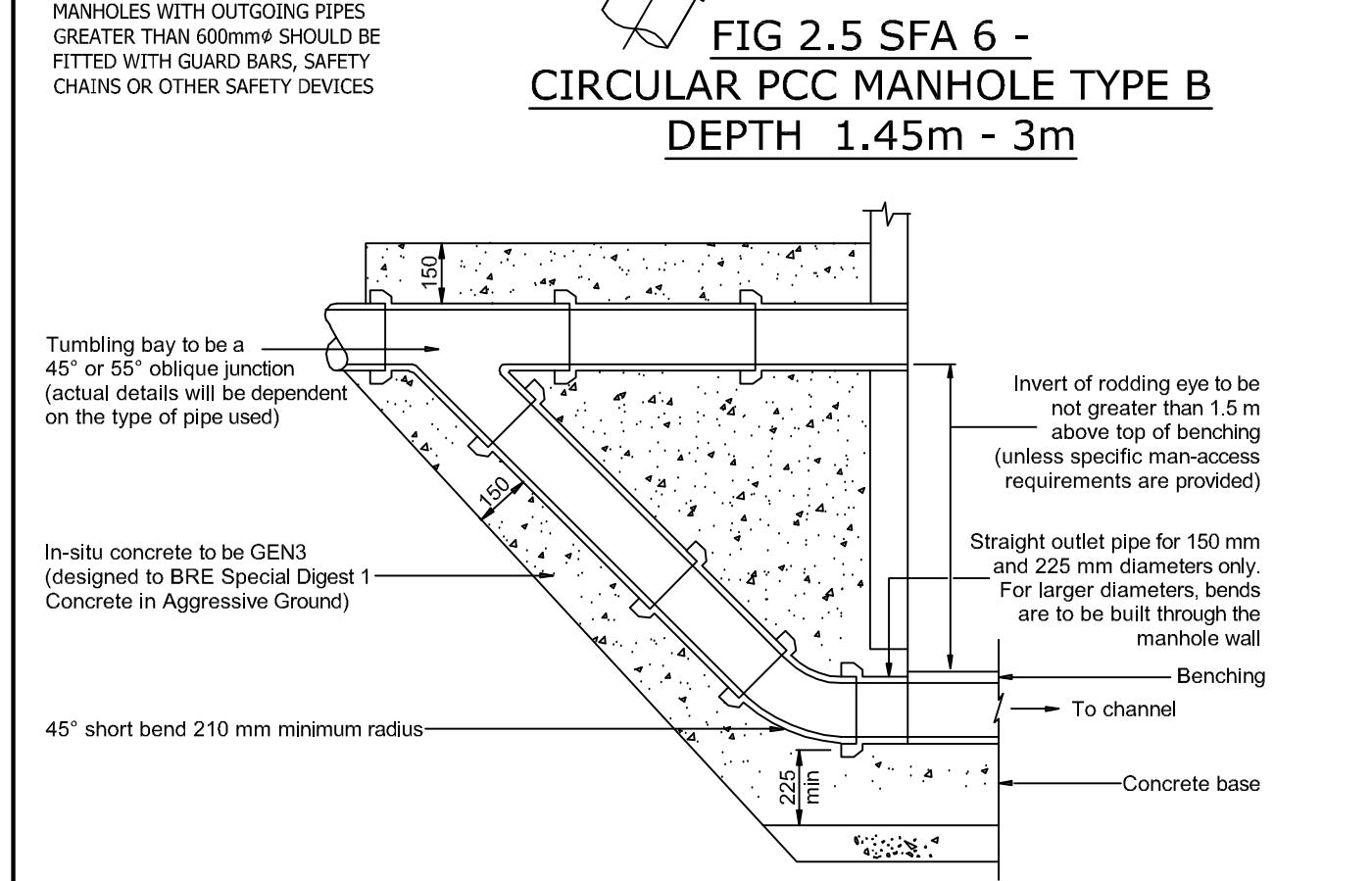
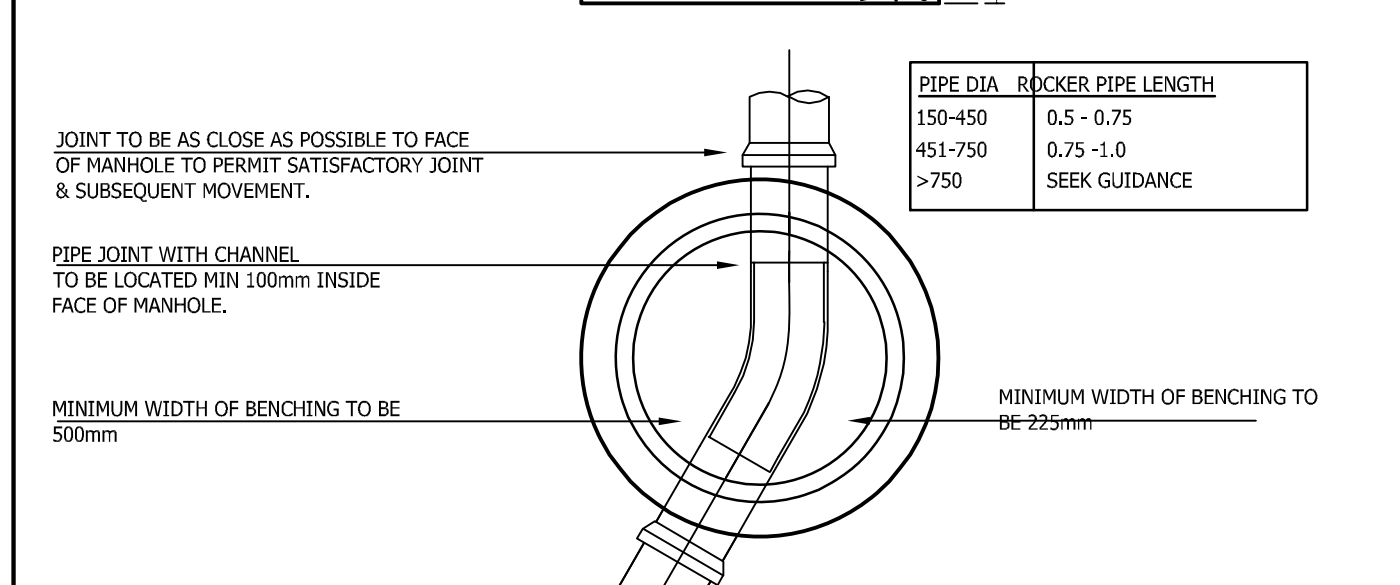


FIG 2.5 SFA 6 -
CIRCULAR PCC MANHOLE TYPE B
DEPTH 1.45m - 3m



GENERAL NOTES:

1. All dimensions to be checked on site. All details and dimensions relating to sub-contractors or suppliers work must be checked and agreed between the sub-contractor or supplier and the main contractor.
2. This drawing is to be read in conjunction with all relevant architects, services and engineers drawings and specifications.
3. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations or record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gap prior to works commencing.
4. Tender or billing drawings shall not be used for construction or the ordering of materials.
5. Do not scale. All dimensions and levels to be site confirmed.
6. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gsp.

Nominal diameter (mm)	Maximum effective length (m)
150 - 600	0.6
601 - 750	1.00
over 750	1.25

All pipes entering the bottom of the manhole to have soffits level.

- NOTES
1. Do not scale from this drawing.
 2. All gully grating and frames to be 'tied' heavy duty ductile iron minimum grade D400 in accordance with BS EN124:1994 & Section 505 of the Specification of Highway Works.
 3. All ironwork shall carry a BS1 kile mark.
 4. Frames shall be bedded on a gauged Class 1 (3:1) sand/cement mortar to CL2402 of SHW Motor Designation (I), and either 2 or 3 courses of Engineering Blockwork Class B' to BS EN711-1:2011.
 5. Gully pots used for carriageway gullies shall be of precast concrete using Sulphate Resisting Cement (SRC) in accordance with BS 5911, part 230, 2004.
 6. All gullies to be trapped. Any variations to this i.e. 'non-trapped', gully chutes or 'grit' must be qualified and NSIC shall review each location on an individual basis.
 7. Selection of gully grating type shall be to suit the application area i.e. carriageway, footway/cycleway and to the satisfaction of the highway inspector.
- SURFACE WATER PIPES
- Permitted Types are as follows:
- CLAY: (1500mm-3000mm)
 - All pipes shall be Vitrified Clayware to BS EN 295-1:1991.
 - UPVC: (1500mm-3000mm)
 - All pipes shall be to BS EN 1401:1-1998.
 - All pipes shall be ribbed 'twirl wall' to provide a suitable network (pipes & couplings).
 - CONCRETE: (3000mm-9000mm)
 - All pipes shall be made with Sulphate resistant Cement to BS 5911-1:2002.
- All joining and installation shall be undertaken to manufacturers specification.
 - ALL materials shall be BBA certified.
 - ALL materials shall comply with the Specification for Highway Works.

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REDROW
HOMES

RH PARTNERSHIP
ANGEL & HYDE NURSERIES
YAPTON ROAD
BARNHAM

MAIN DRAINAGE
DETAILS

JOB NO.	SCALE	DATE	
H19812	NTS	NOVEMBER 2019	
DRAWN	ENGINEER	CHECKED	APP
GS	MR		
STATUS	DRAWING SATISFACTORY		
D1	SUITABLE FOR COORDINATION		
REVISION	REASON		
P7	STAGE 4 - TECHNICAL DESIGN		
DRAWING NO.			
19812-GS-Z1-XX-DR-C-5105			

CLASS B BEDDING

FOR USE WHERE COVER TO CROWN OF PIPE IS GREATER THAN 900mm UNDER VERGES, FOOTWAYS & CYCLEWAYS

CLASS S BEDDING

FOR USE WHERE COVER TO CROWN OF PIPE IS GREATER THAN 1200mm UNDER CARRIAGEWAYS

CLASS Z BEDDING

FOR USE WHERE COVER TO CROWN OF PIPE IS LESS THAN 1200mm UNDER CARRIAGEWAYS, OR LESS THAN 900mm UNDER OTHER AREAS

PIPE BEDDING DETAILS