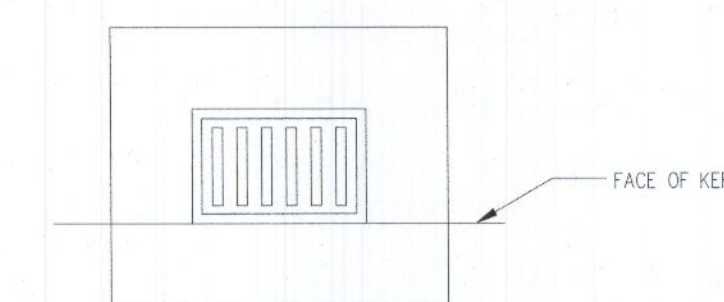
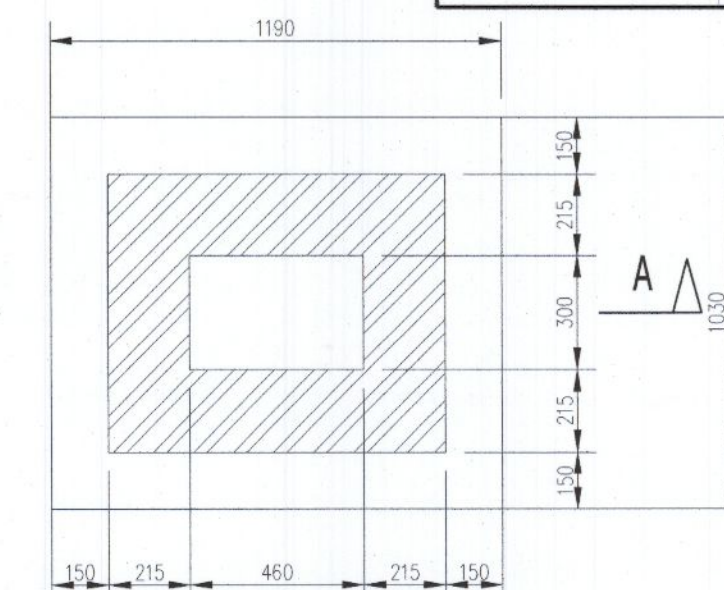
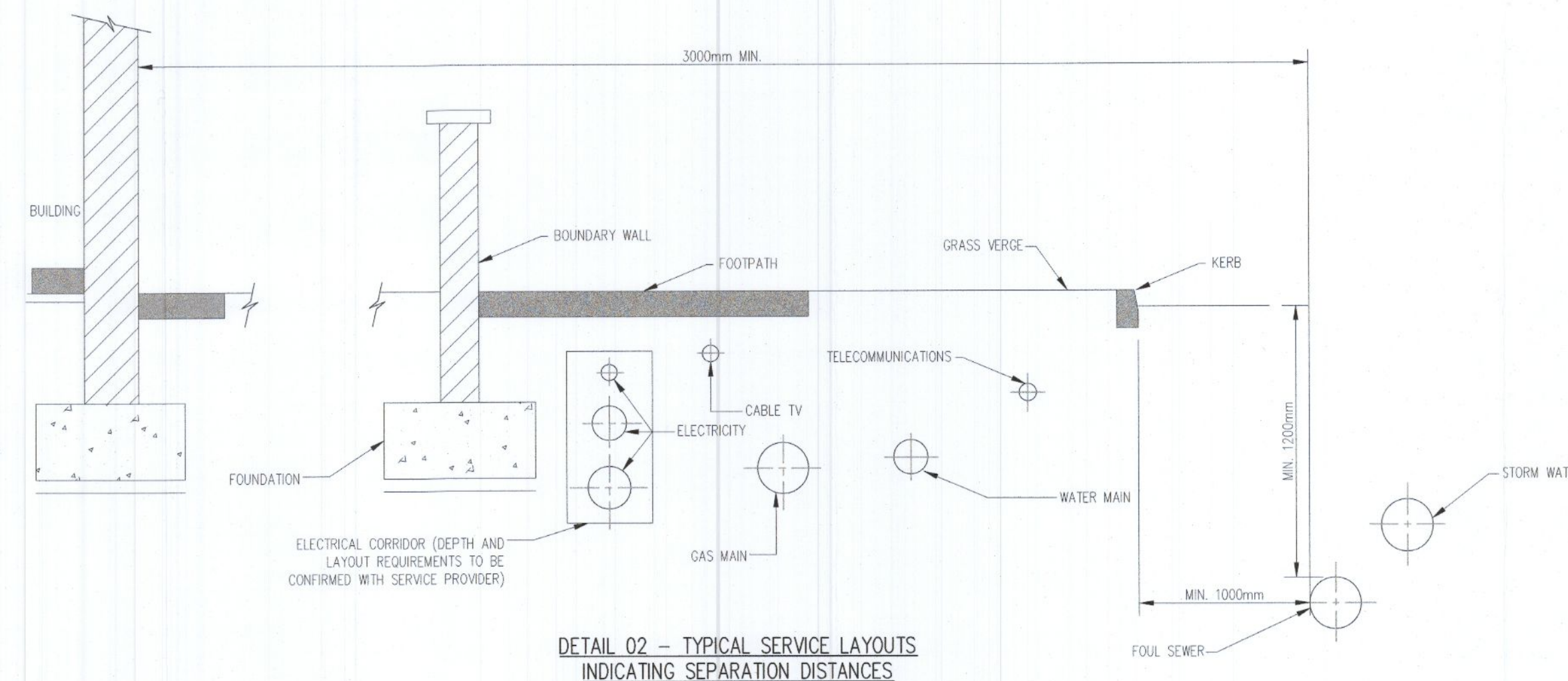
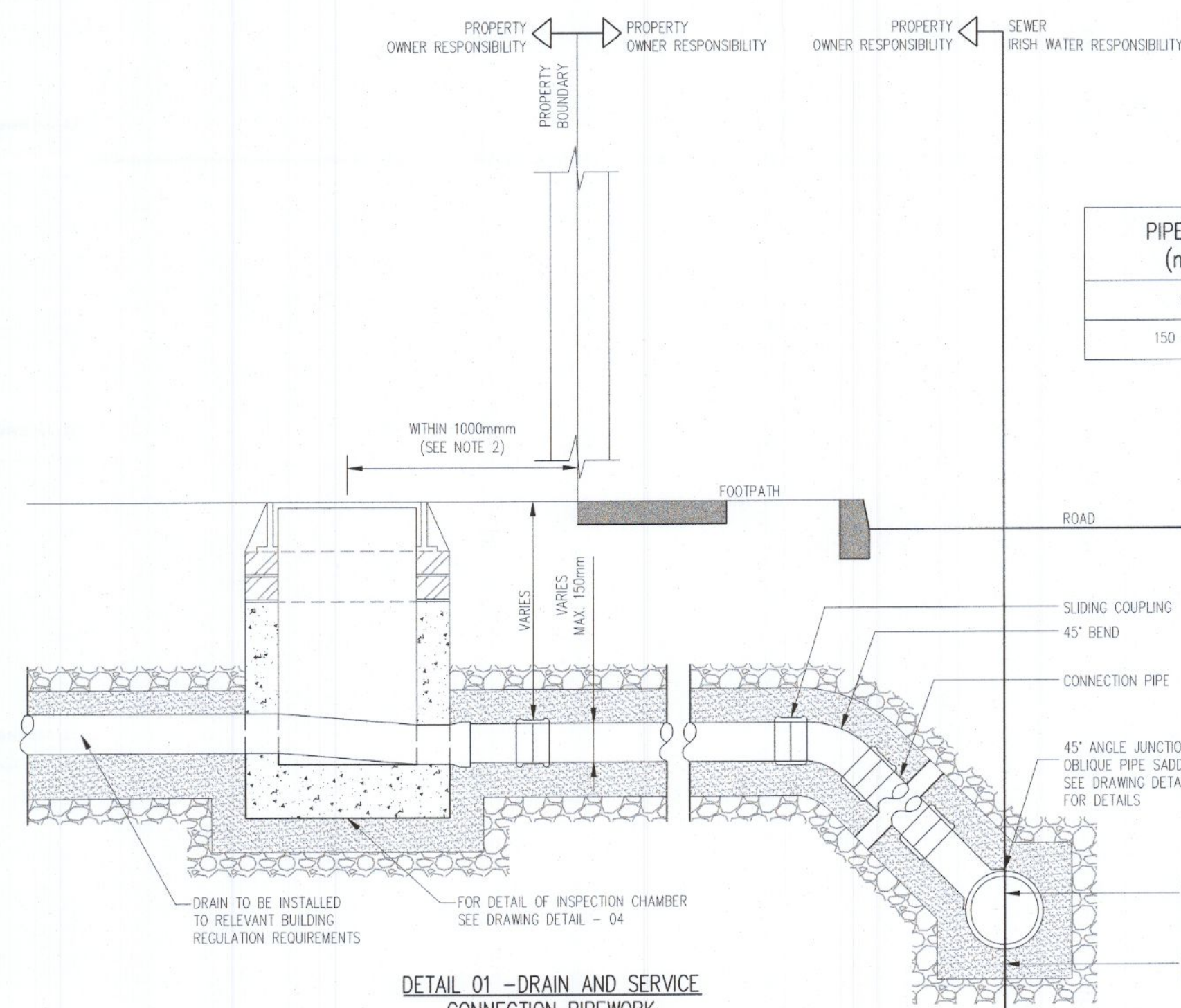


**NOTES**

- GENERAL**
- 1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.
  - 2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
  - 3.) FOUL WATER/WASTE WATER TO CURRENT IRISH WATER SPECIFICATION AND DETAILS (IW-CDS-5030-01).

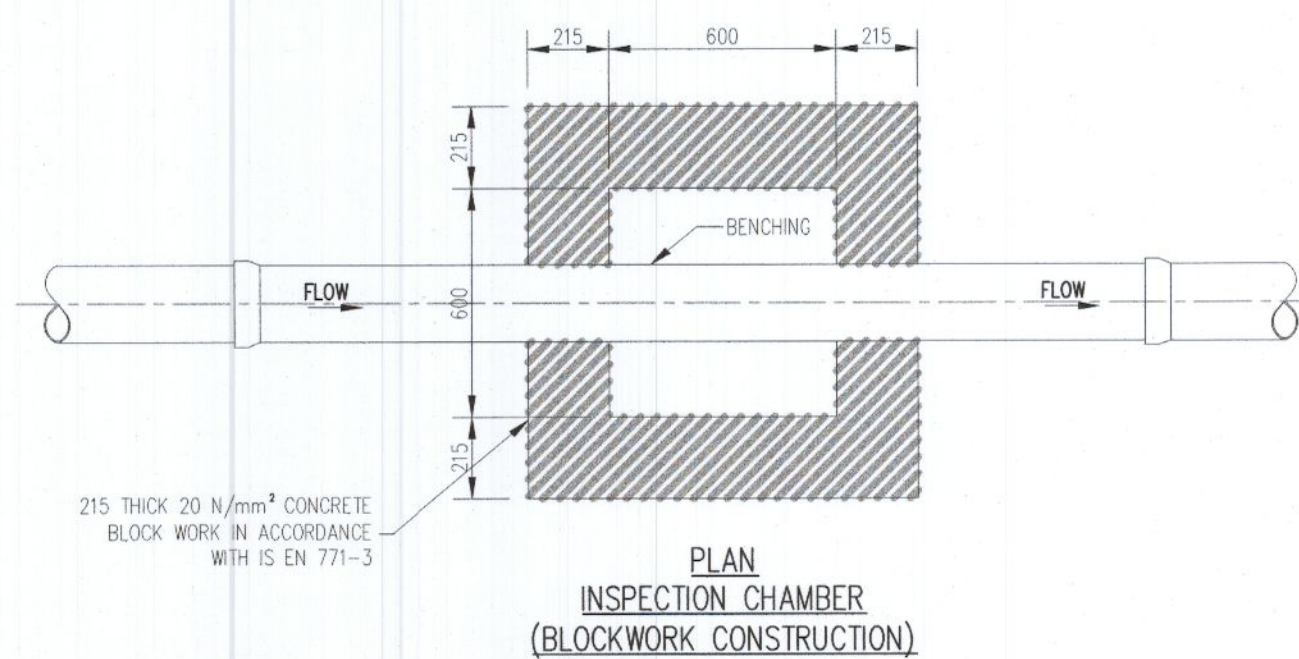
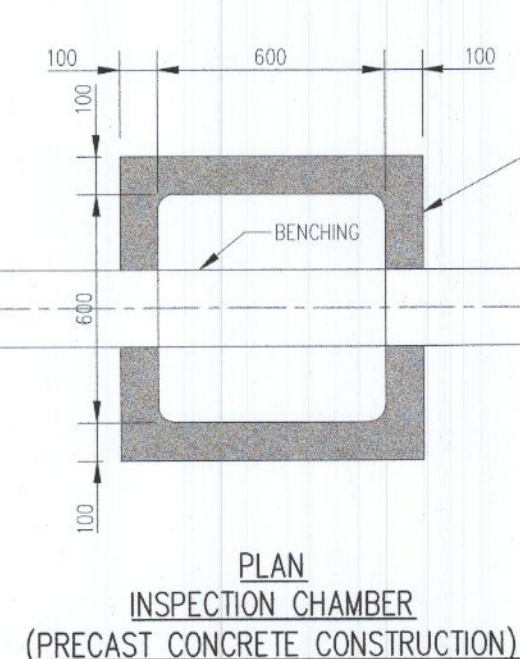
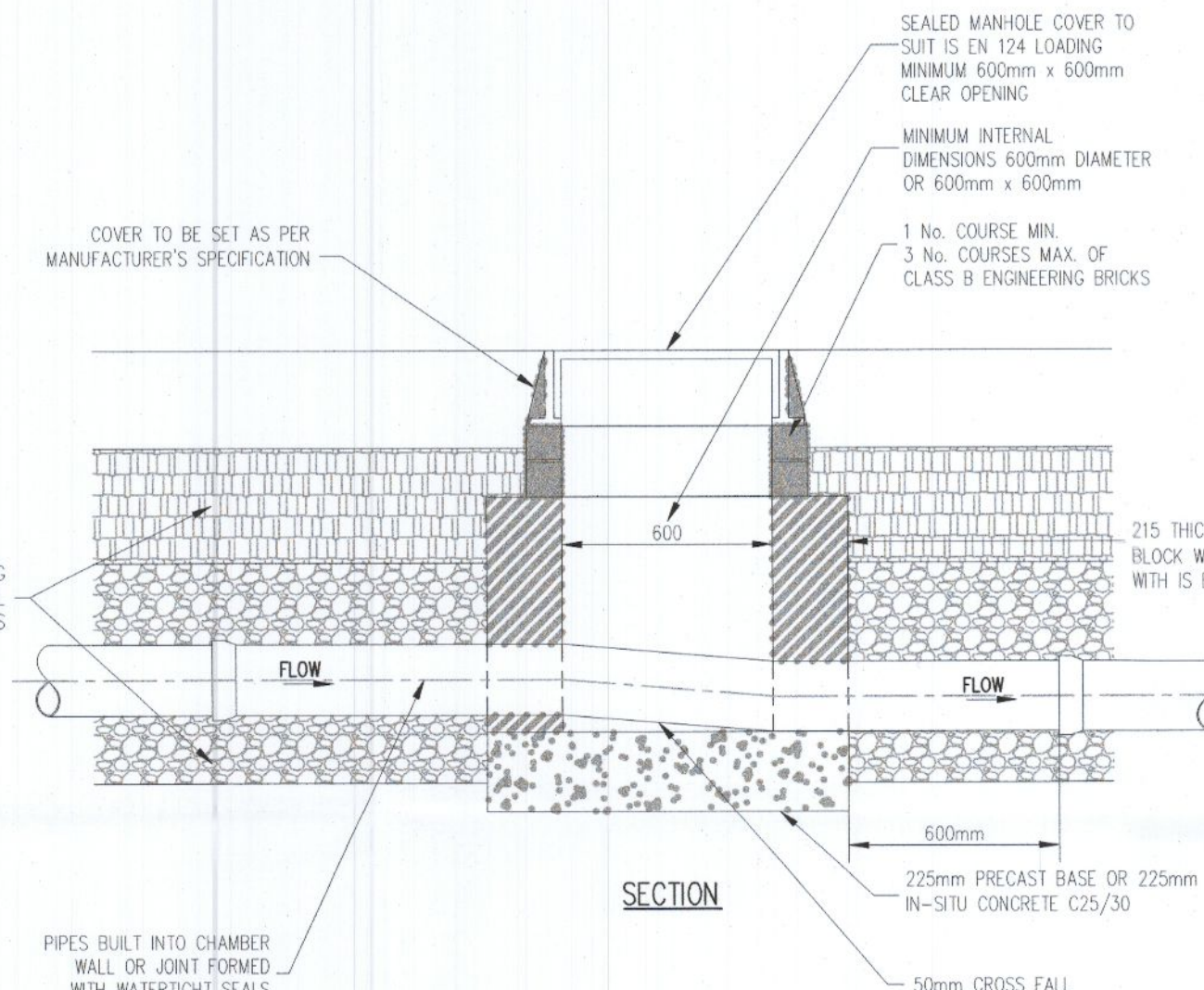
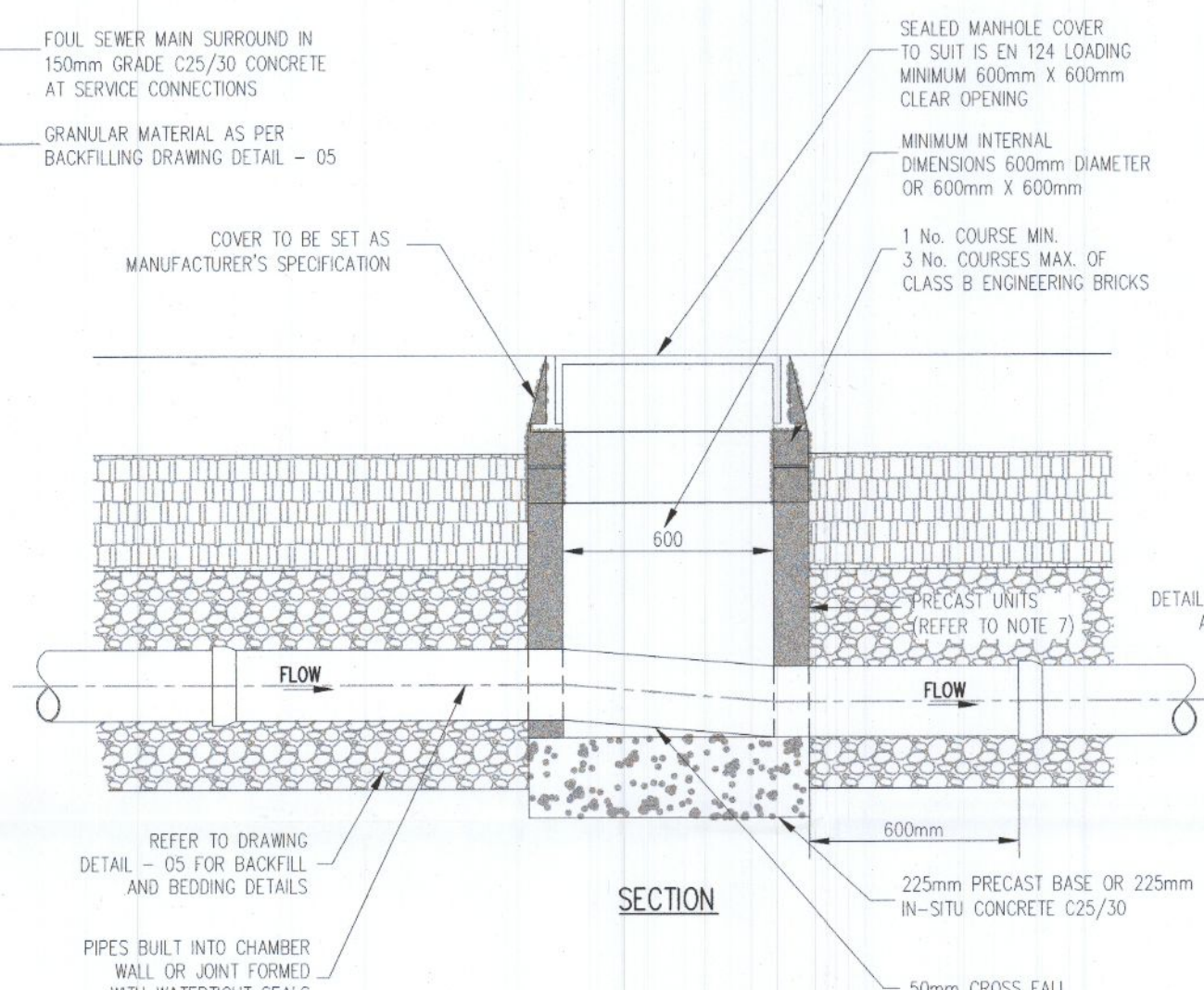
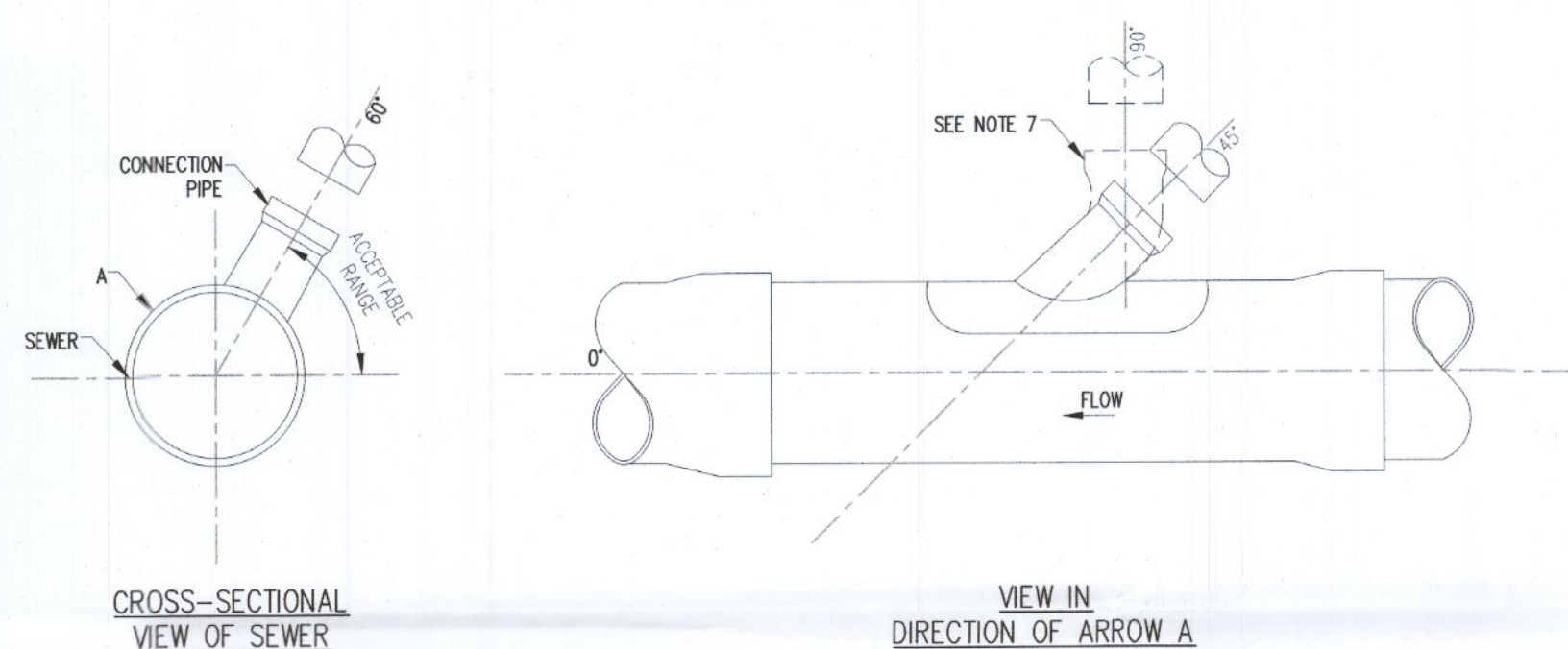


**DETAIL 01 - DRAIN AND SERVICE CONNECTION PIPEWORK**

**DETAIL 02 - TYPICAL SERVICE LAYOUTS INDICATING SEPARATION DISTANCES**

**BASE AND SURFACE PLANS**

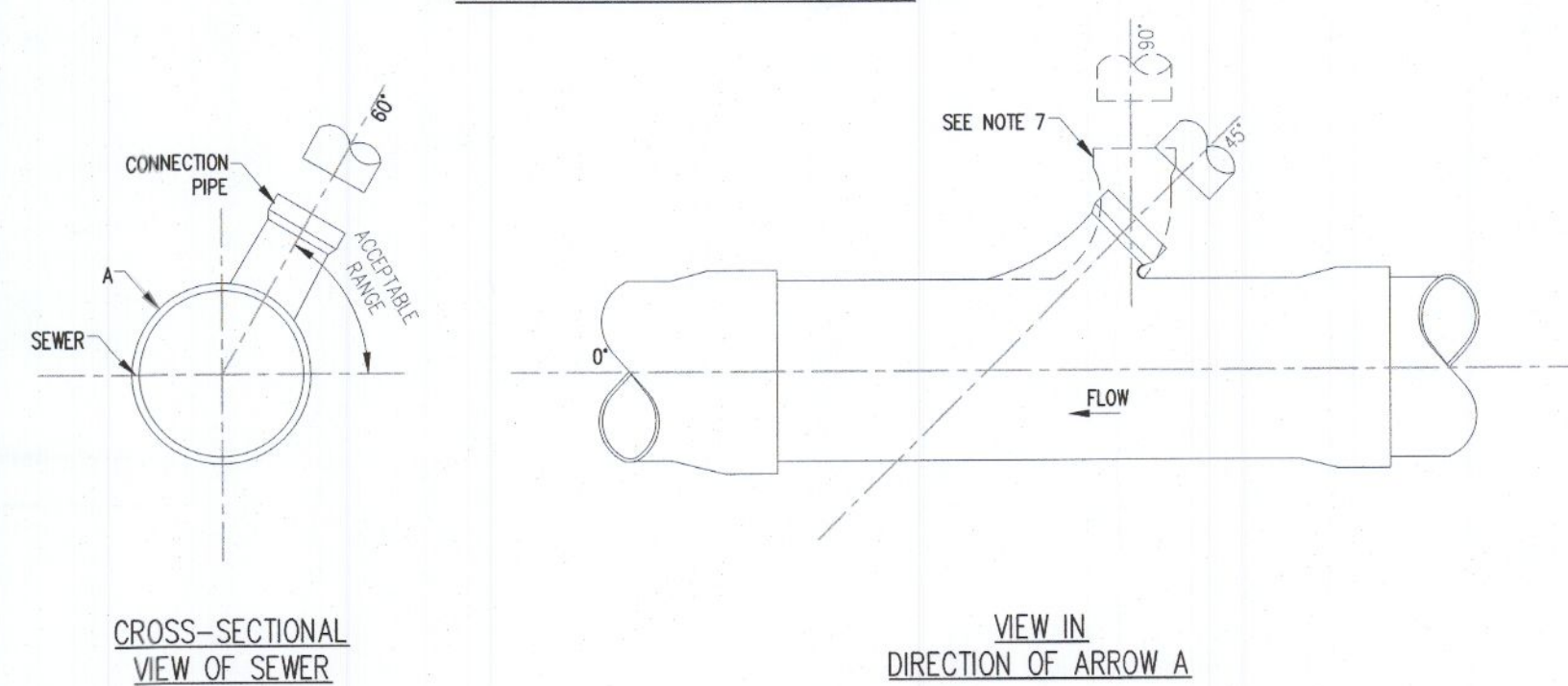
**ROAD GULLY**



**APPROVED 45° SADDLE CONNECTION**

**PLAN INSPECTION CHAMBER (PRECAST CONCRETE CONSTRUCTION)**

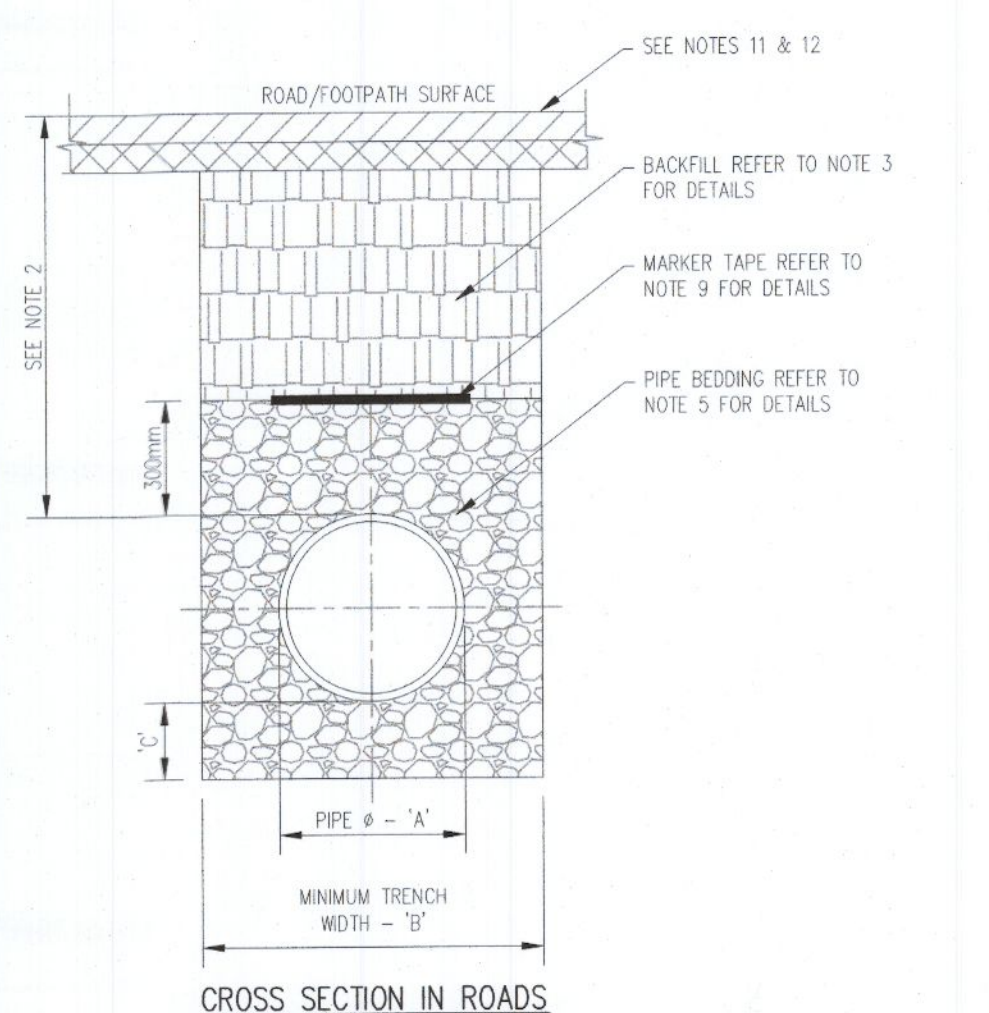
**PLAN INSPECTION CHAMBER (BLOCKWORK CONSTRUCTION)**



**45° JUNCTION**

**DETAIL 03 - TYPICAL SEWER/SERVICE PIPE CONNECTION**

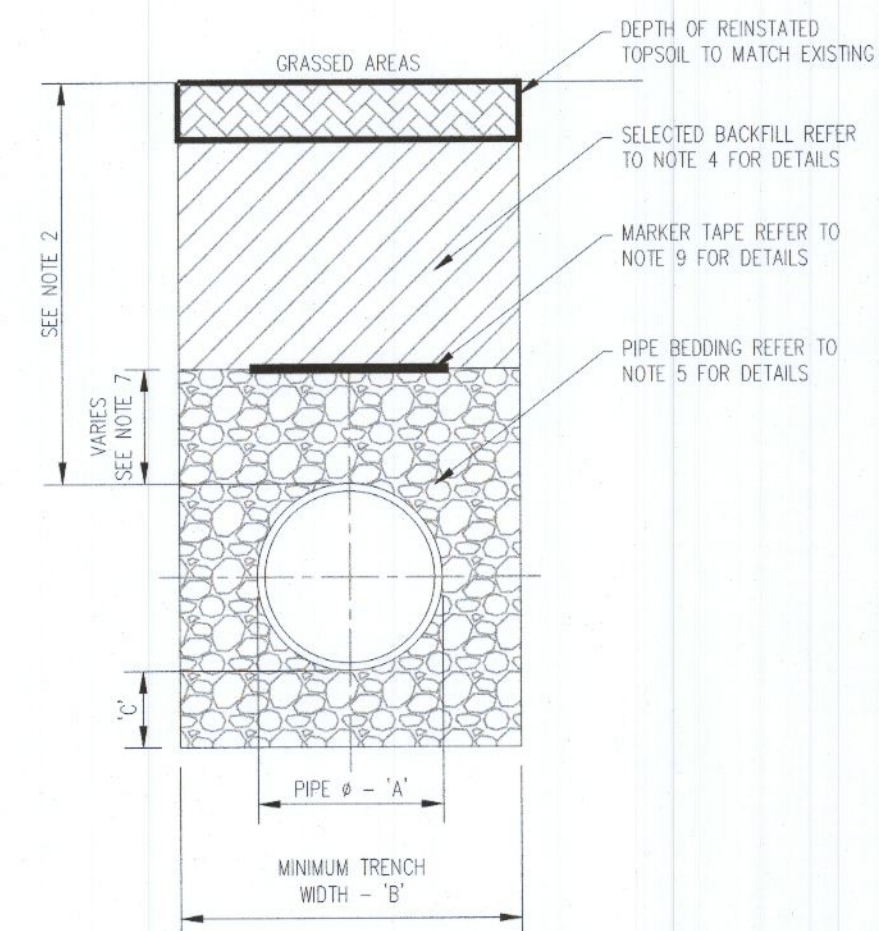
**DETAIL 04 - PRIVATE SIDE INSPECTION CHAMBER**



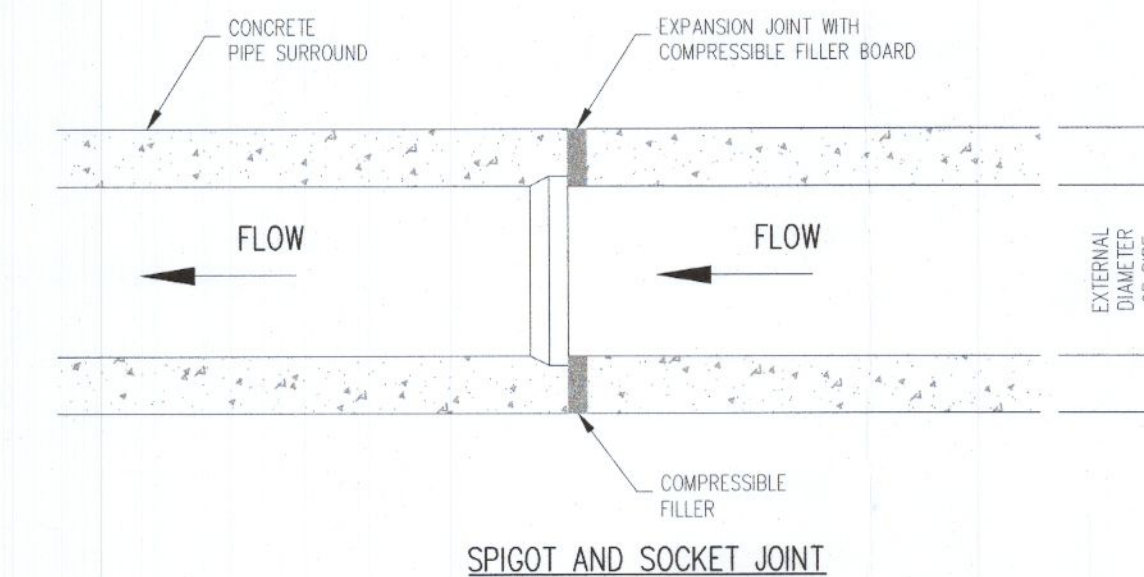
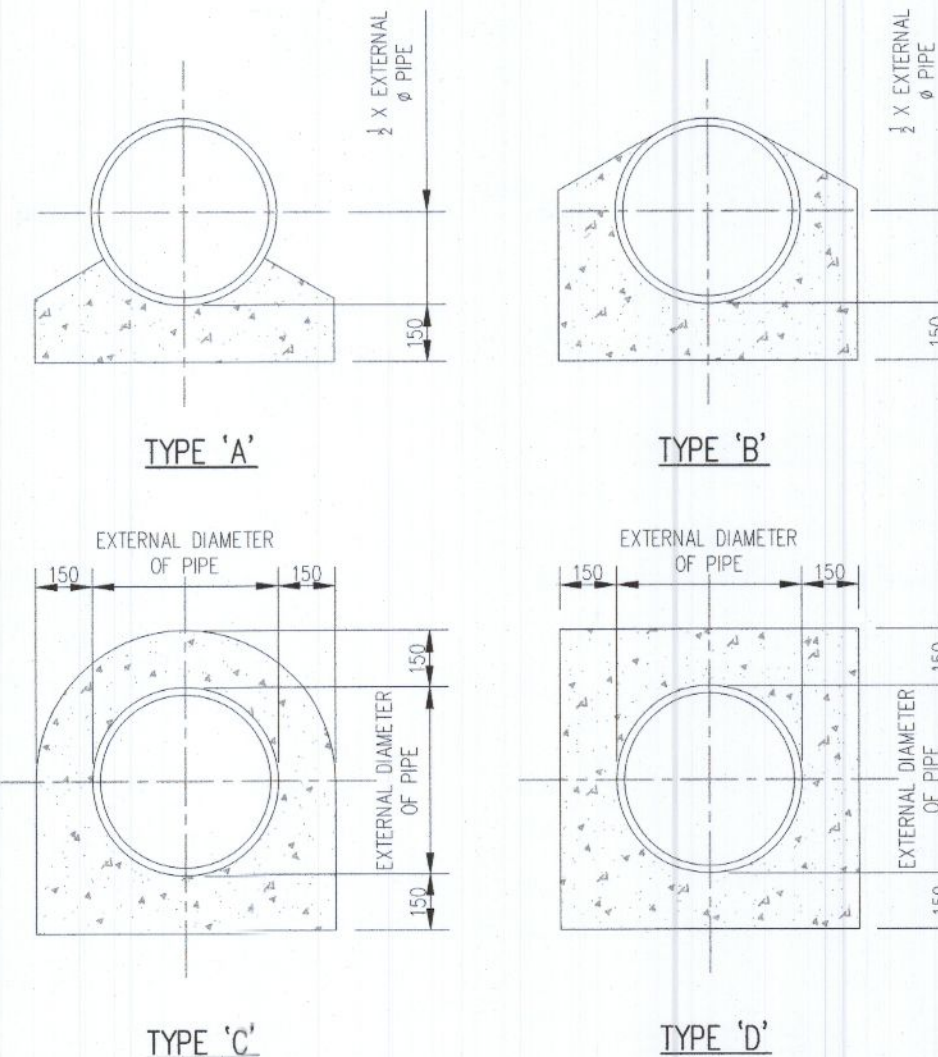
PIPE DIAMETER 'A' (mm)	DEPTH OF BEDDING 'C' (mm)
≤ 100	100
150 - 450	200

PIPE DIAMETER 'A' (mm)	TRENCH WIDTH 'B' (mm)
≤ 80 RISING MAIN	SEE NOTE 10.
100	500
150	600
200	600
250	750
300	750
350	750
400	900
450	900


**DETAIL 05 - TRENCH BACKFILL AND BEDDING**



**CROSS SECTION IN GRASSED AREAS**



**DETAIL 06 - CONCRETE BED, HAUNCH AND SURROUND TO WASTEWATER PIPES SCALE 1:20**

P	23.08.22	ISSUED FOR PLANNING	FS	LM
REV	DATE	DESCRIPTION	DWG BY	APP. BY
ISSUED				
PLANNING				
CLIENT DUBLIN SIMON COMMUNITY				
PROJECT NAME 10 UNITS AT OLD NANGOR ROAD				
DRAWING NAME IRISH WATER FOUL & SURFACE DRAINAGE DETAILS SHEET 1 OF 4				
PROJECT No. 17D070				
DRAWING No. 09A		REVISION P		
SCALE AS SHOWN		DRAWN DATE 19.06.18		
CAD DRAWN BY F.S.	CHECKED BY E.G.	APPROVED BY D.H.		
 <b>Hayes Higgins Partnership</b> The Glass House, 11 Coke Lane Smithfield, Dublin 7. Tel: 01 6612321 E-mail: admin@hayeshiggins.ie Gas House Lane, Kilkenny. Tel: (056) 7764710 Email: info@hhp.ie				