

© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

NOTES:

- C20/25 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 280kg/m³, MAXIMUM WATER/CEMENT RATIO OF 0.65 AND SLUMP CLASS S2.
- C25/30 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 280kg/m³, MAXIMUM WATER/CEMENT RATIO OF 0.65 AND SLUMP CLASS S2.
- C40/50 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 400kg/m³, MAXIMUM WATER/CEMENT RATIO OF 0.45 AND SLUMP CLASS S3.
- WHERE CLASS 6F18F2 CAPPING MATERIAL IS PROPOSED WITHIN 500mm OF CONCRETE OR STEEL, CLASS 6N TO BE USED INSTEAD.
- WHERE FOOTPATHS ARE LOCATED ADJACENT TO ROADS, C40/50 CONCRETE TO BE USED. ALTERNATIVELY, FOOTPATHS LOCATED BEHIND VERGES C25/30 CONCRETE MAY BE USED.

NOTE:
ALL WORKS & SPECIFICATIONS TO BE UNDERTAKEN IN ACCORDANCE WITH:

- THE SPECIFICATION FOR ROADWORKS
- GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
- RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS
- REFER TO IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS FOR WATERMAIN AND FOUL DETAILS

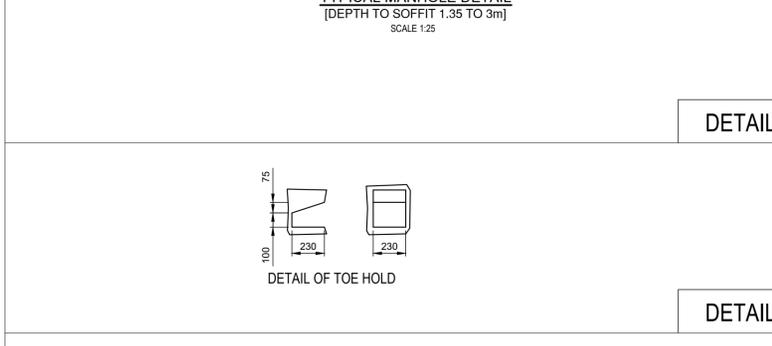
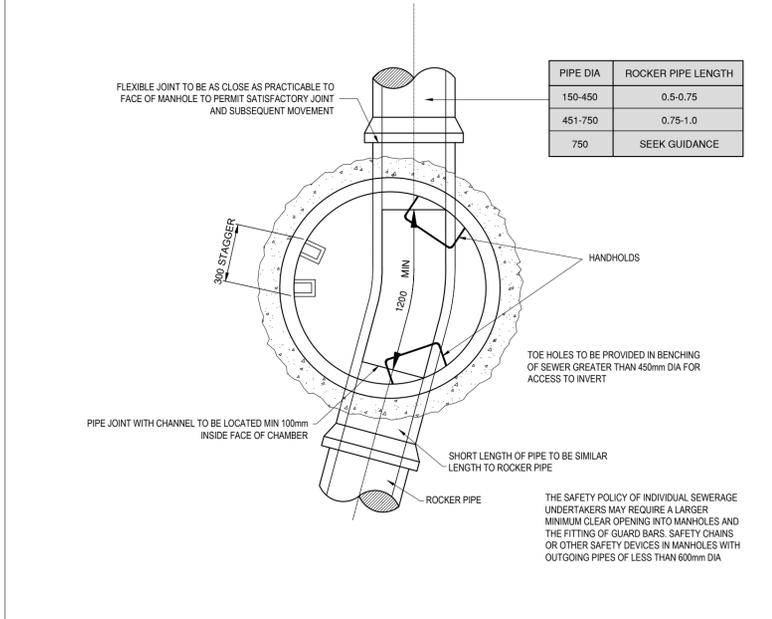
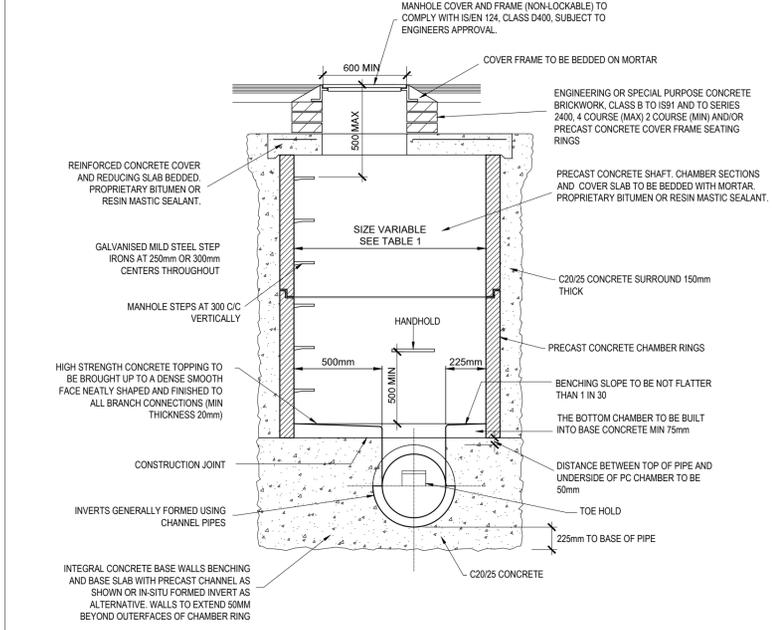
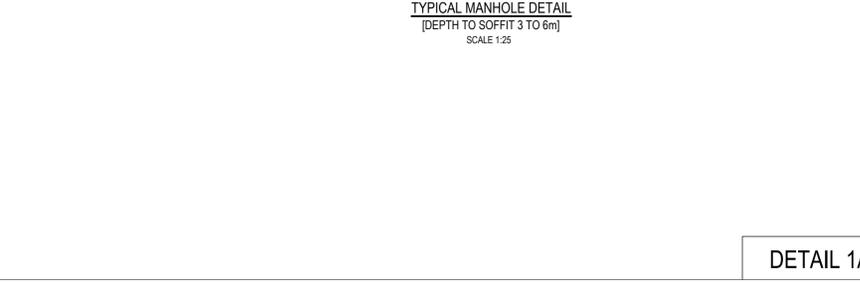
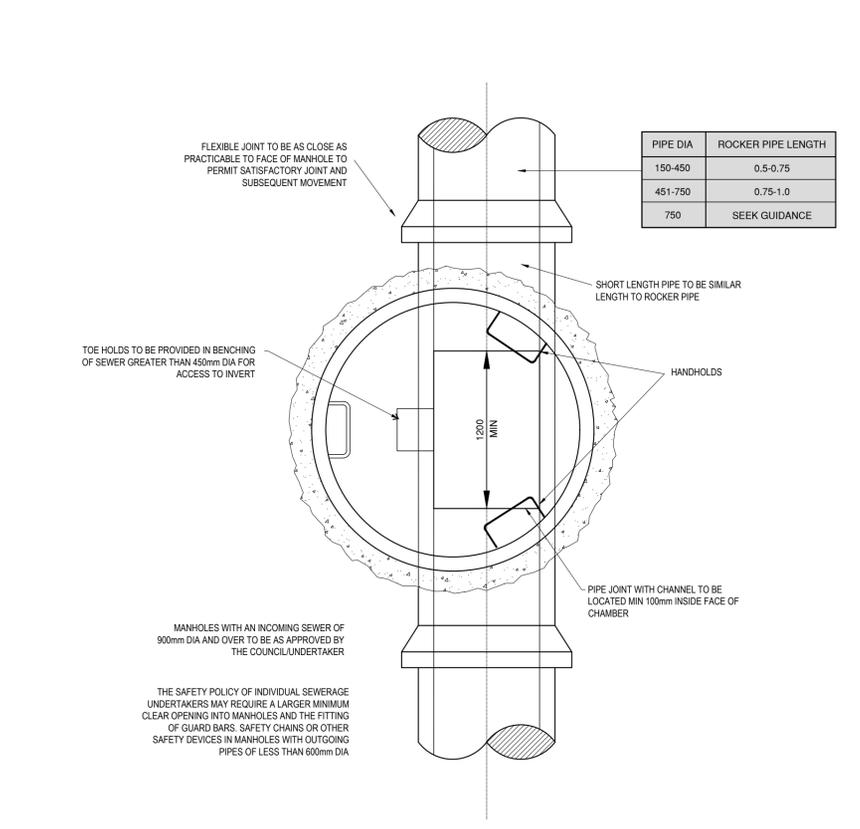
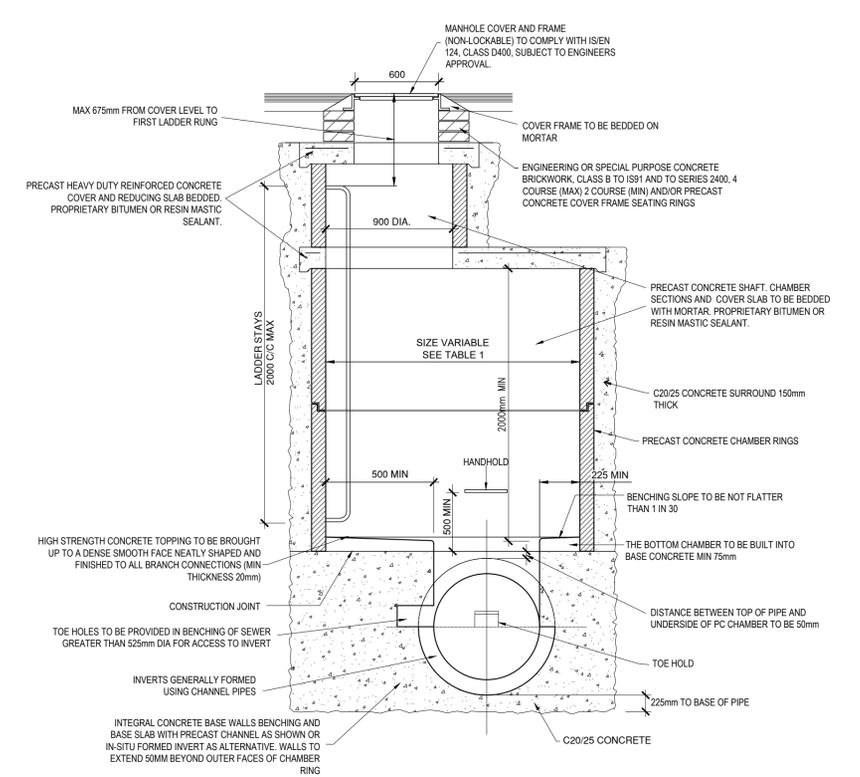
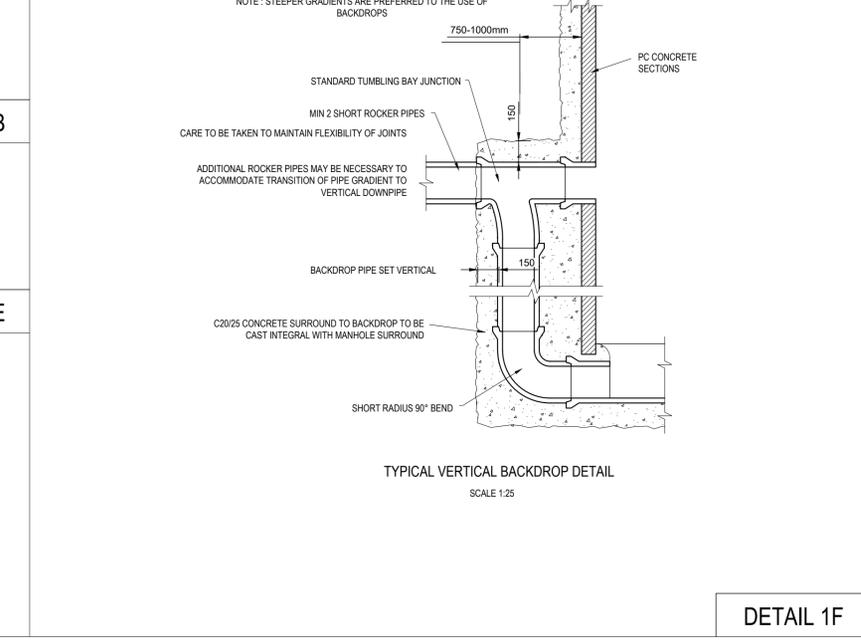
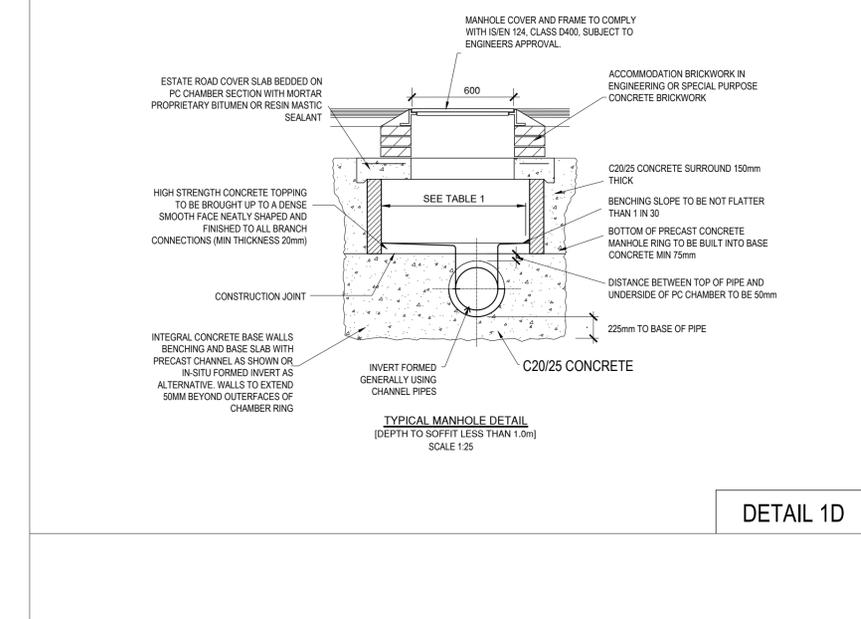
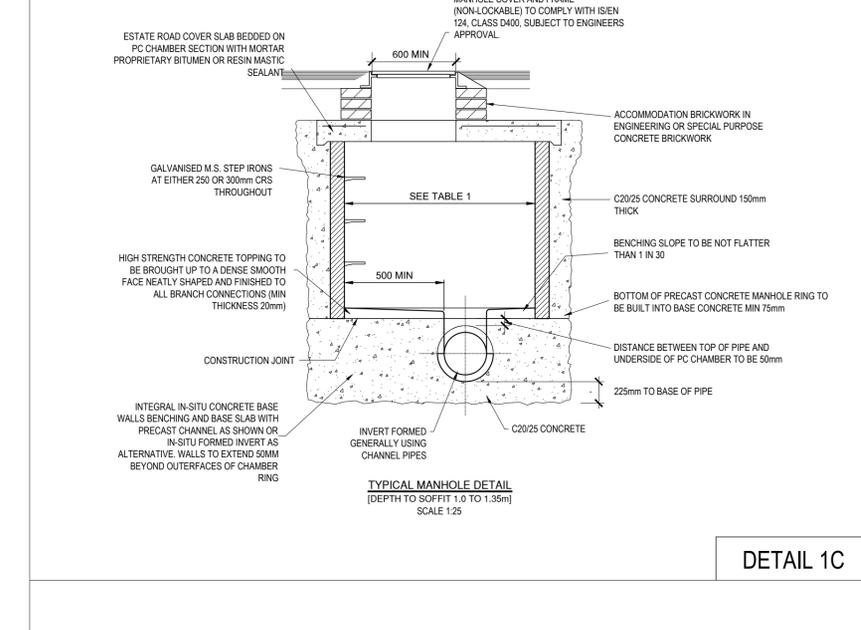


TABLE 1

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	CHAMBER SECTION DIAMETER (mm)		
	1m - 3m	3m - 6m	6m - 12m
LESS THAN 375	1050	1050	1500
<600	1200	1200	1500
<675	1350	1350	1500
<750	1350	1500	1500
<900	1500	1500	1500
<1200	2100	2100	2100



DETAIL 1C

DETAIL 1D

rev	date	description	by	chkd.
1	29-03-23	ISSUED FOR PLANNING	BS	NJF
0	30-09-22	ISSUED FOR STAGE 2 PRE-PLANNING	BS	NJF

DBFL Consulting Engineers
Civil, Structural & Transportation Engineering

DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7, D07 W704
PHONE: +353 1 404 4000
CORK OFFICE: 14 South Mall, Cork, T12 CT91
PHONE: +353 21 2024538
WATERFORD OFFICE: Salsburgh The Atrium, Maritime Gate, Canada Street, Waterford, X91 W028
PHONE: +353 51 309 500

project ref.
SITE AT TAYLORS LANE,
BALLYBODEN, DUBLIN 16

drawing title
TYPICAL DRAINAGE DETAILS SHEET 1

client
SHANNON HOMES DUBLIN UNLIMITED
COMPANY

designed by	author	scale	sheet size
GK	BS	AS SHOWN	A1

drawing no. 190068-X-05-200-XXX-DR-DBFL-CE-5301 revision 1

DETAIL 1F