

FIGURE 1
TYPICAL MANHOLE DETAIL - TYPE A

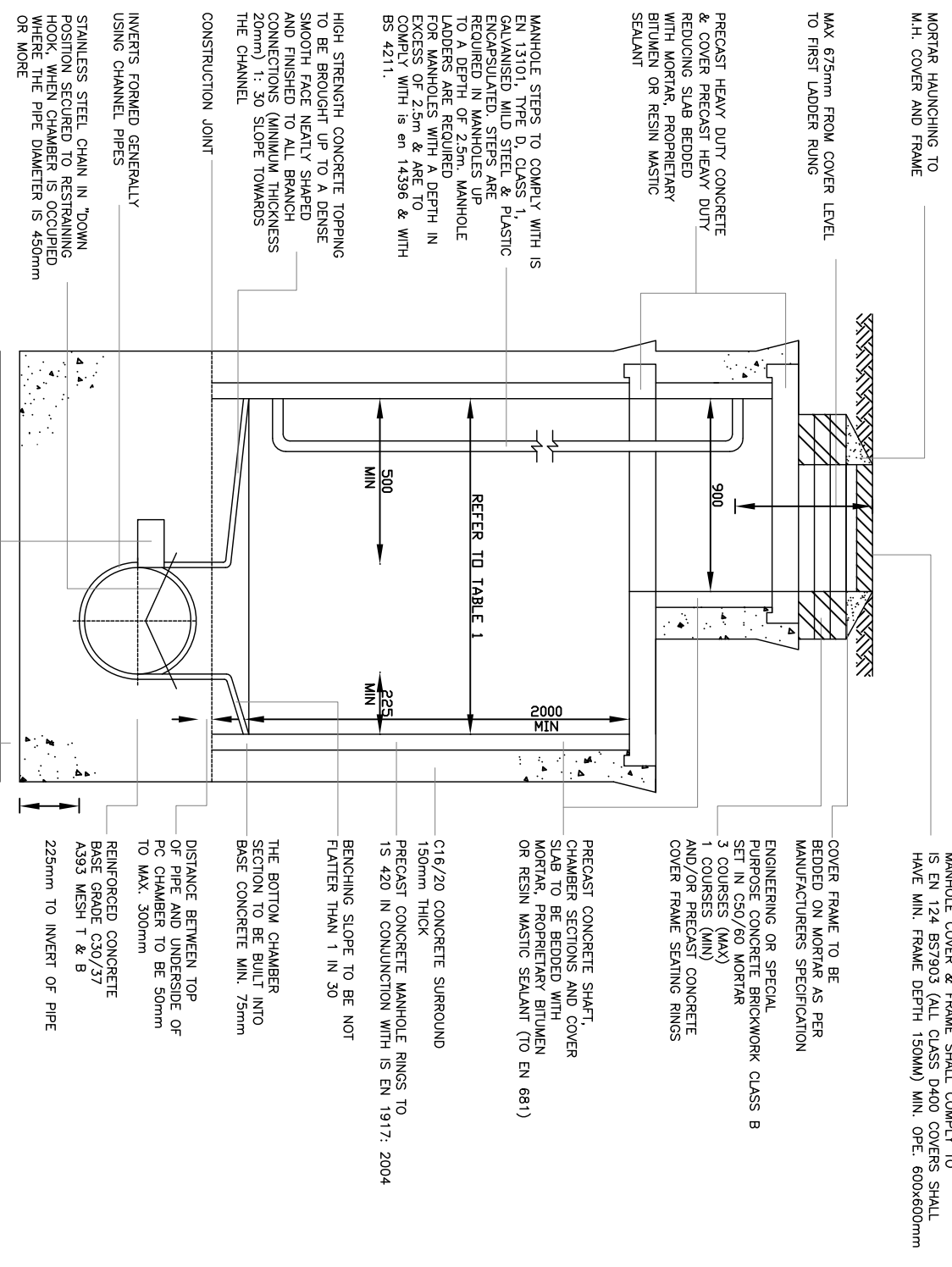


FIGURE 2
TYPICAL MANHOLE DETAIL - TYPE B

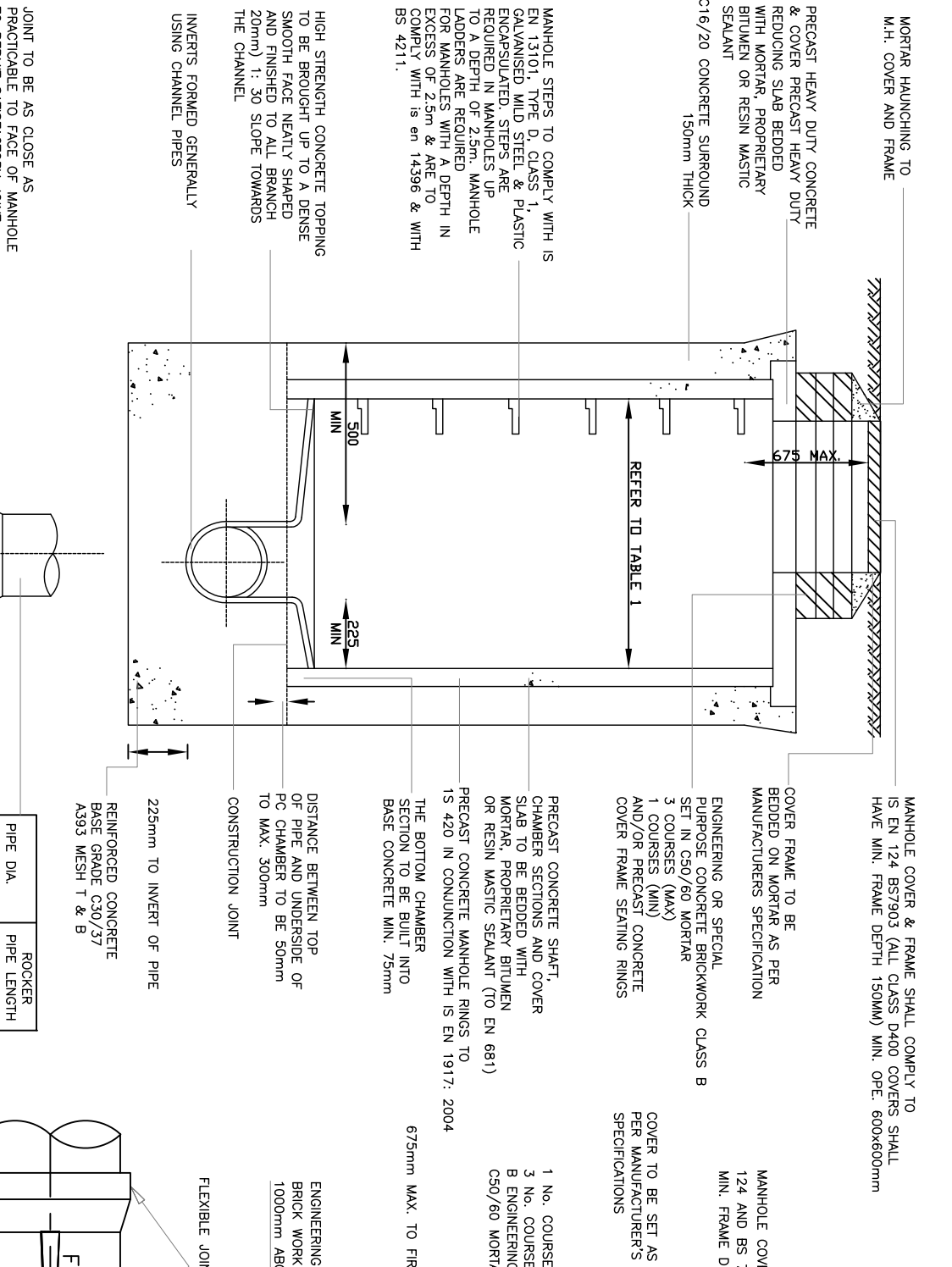


FIGURE 3
TYPICAL MANHOLE DETAIL - TYPE C

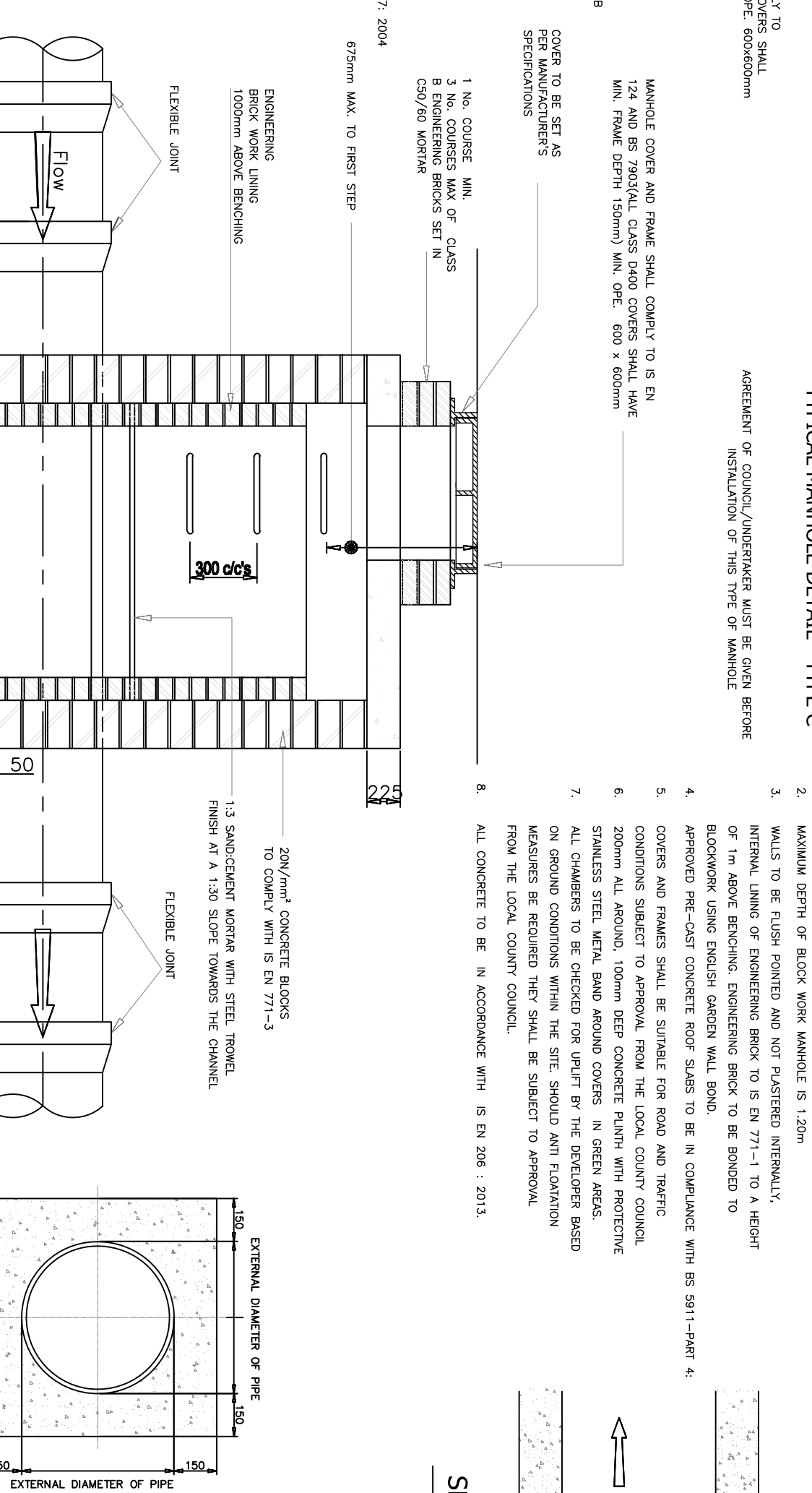


FIGURE 4
TYPICAL MANHOLE DETAIL - TYPE D

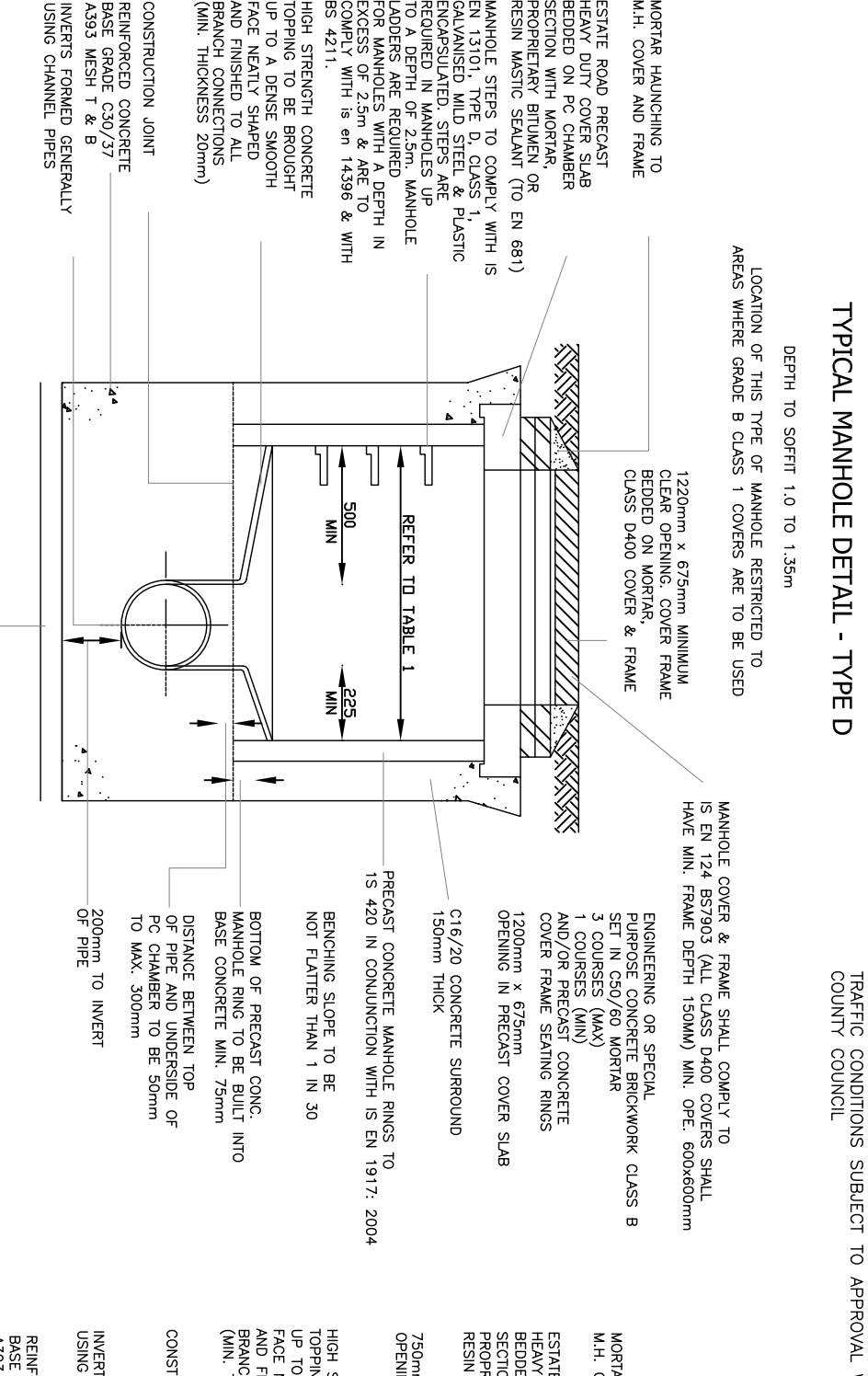
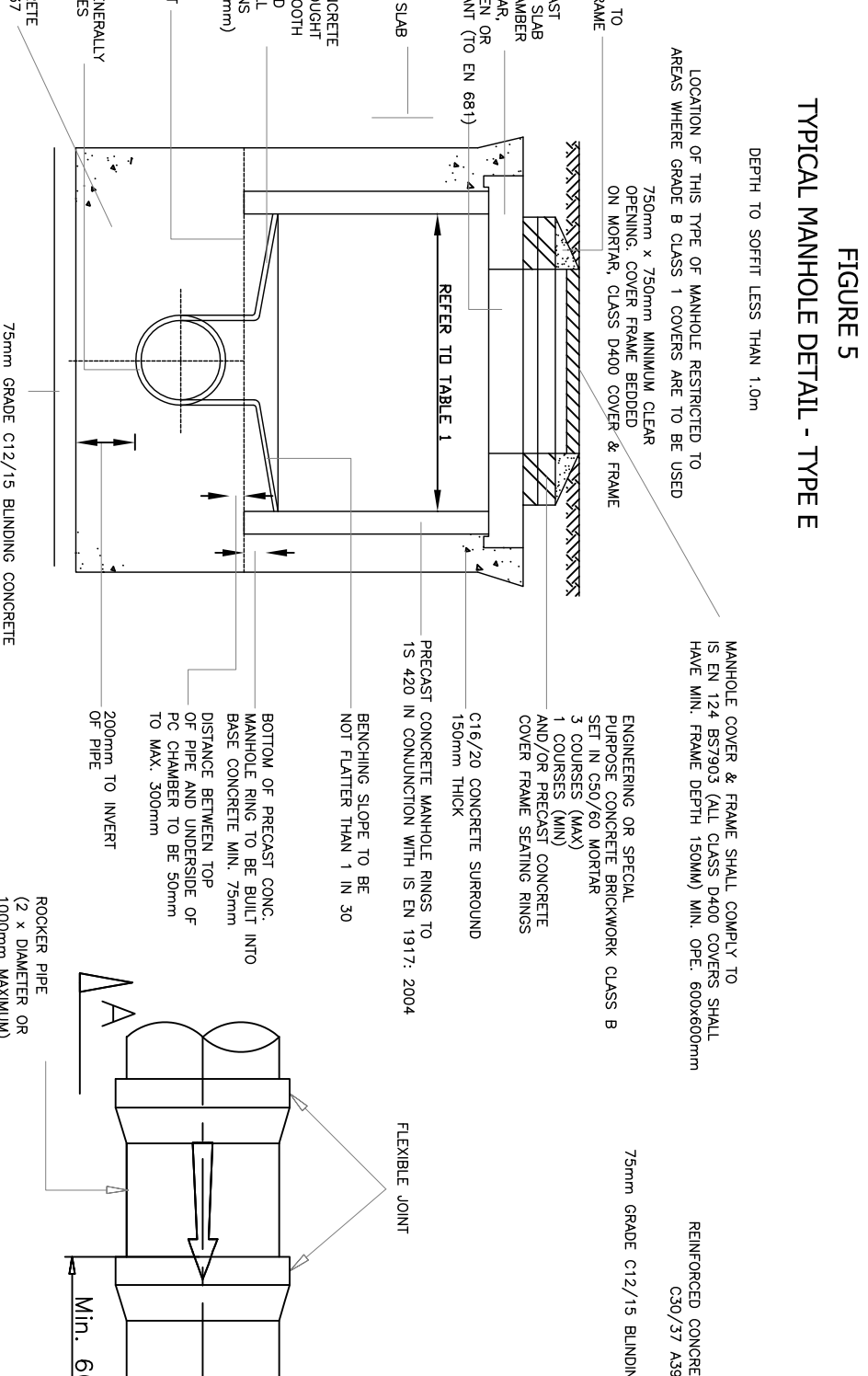
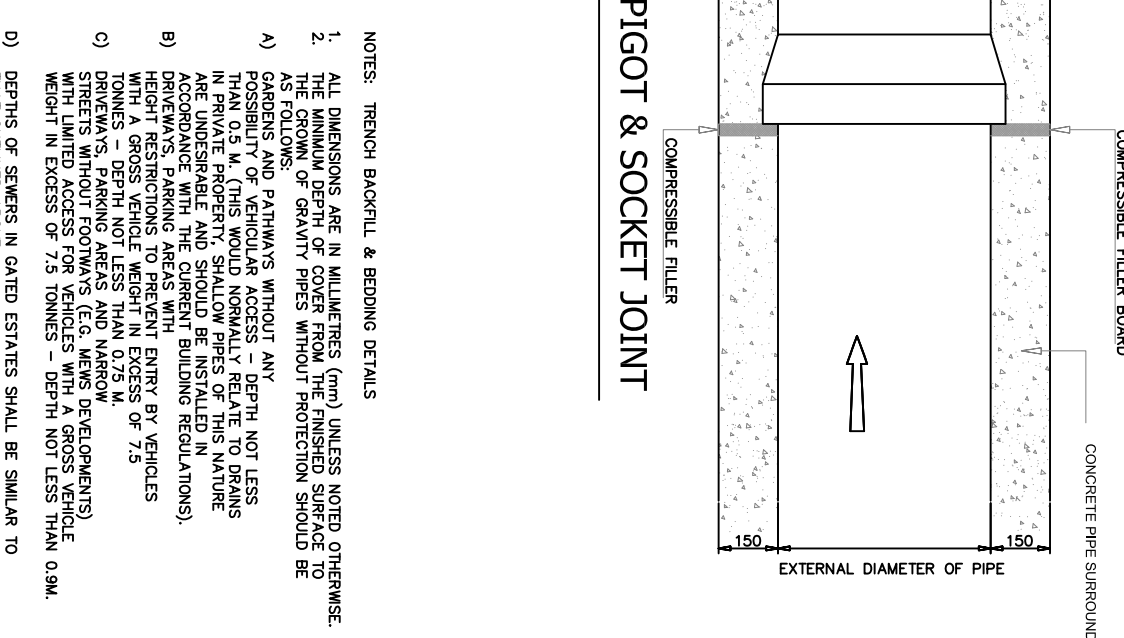


FIGURE 5
TYPICAL MANHOLE DETAIL - TYPE E



DIAMETER OF CHAMBER IN MANHOLE (mm)	CHAMBER DIAMETER (mm)
LESS THAN 375mm	1200
375 - 450	1350
500 - 700	1500
750 - 900	1800

FIGURE 6
PISGOT & SOCKET JOINT



DIMENSIONS

Figure dimensions only to be taken from this drawing. All dimensions to be checked on site. Architects to be informed immediately of any discrepancies before work proceeds.

© COPYRIGHT

This drawing and any design thereon is the copyright of JOR Consulting Engineers and must not be reproduced in whole or in part without their express written consent.

NOTES:

1. ALL GRABAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH DUBLIN COUNTY COUNCIL SPECIFICATION.

2. PRIOR TO LAYING OF PIPES, MANHOLES BARS SHALL BE MANHOLES CLAD AND PIPES AND CONDUITS MUST BE PROTECTED BY 100MM POLYURETHANE FOAM. DETAILS OF MANHOLES WITH DEPRESSURE FROM COVER SHOULD BE APPROVED BY THE UNDERTAKER WITHOUT APPROVAL BY THE UNDERTAKER.

3. WHERE UPVC PIPES ARE ENCASED IN CONCRETE THEY SHALL BE WRAPPED IN TONGUE POLYURETHANE FOAM.

4. THE DESIGN OF SPECIAL MANHOLES AND OTHER STRUCTURES SHALL BE APPROVED WITH THE UNDERTAKER.

5. IN EXCEPTIONAL CASES, WHERE MANHOLES HAVE TO BE CONSTRUCTED AT A DEPTH GREATER THAN 6m, THE DETAILS MUST BE AGREED IN ADVANCE WITH THE COUNCIL/UNDERTAKER. THE DETAILS OF A TYPE A MANHOLE BENCHING TO THE COVER SHOULD NOT BE LESS THAN 2000mm. WHEN THIS IS NOT PRACTICABLE, TYPE B MANHOLES ARE PREFERRED SUBJECT TO THE UNDERTAKER'S APPROVAL. THE DESIGN OF SPECIAL MANHOLES AND OTHER STRUCTURES SHALL BE APPROVED WITH THE UNDERTAKER.

REV	DATE	DETAILS
A	28.06.19	Issued for Planning
B	03.03.20	Issued for Tender
C	23.03.22	Issued for SUD Application

JOR Joseph O'Reilly
Consulting Civil & Structural Engineers

Tel: 046 9077092 Fax: 046 9077932
Email: mail@jor.ie Web: www.jor.ie

Unit 1, St. Theresa's Place, Flowerhill, Navan, Co. Meath

CLIENT

Eastwise Construction Swords Ltd

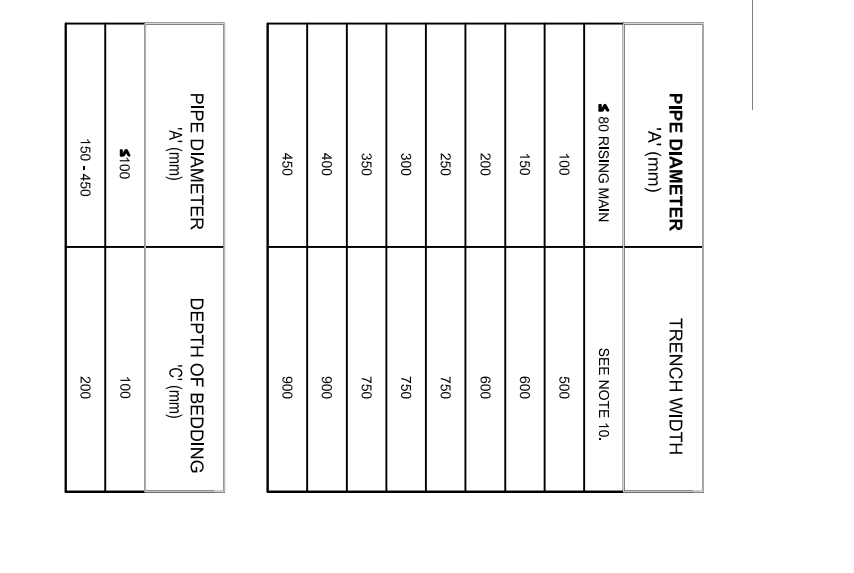
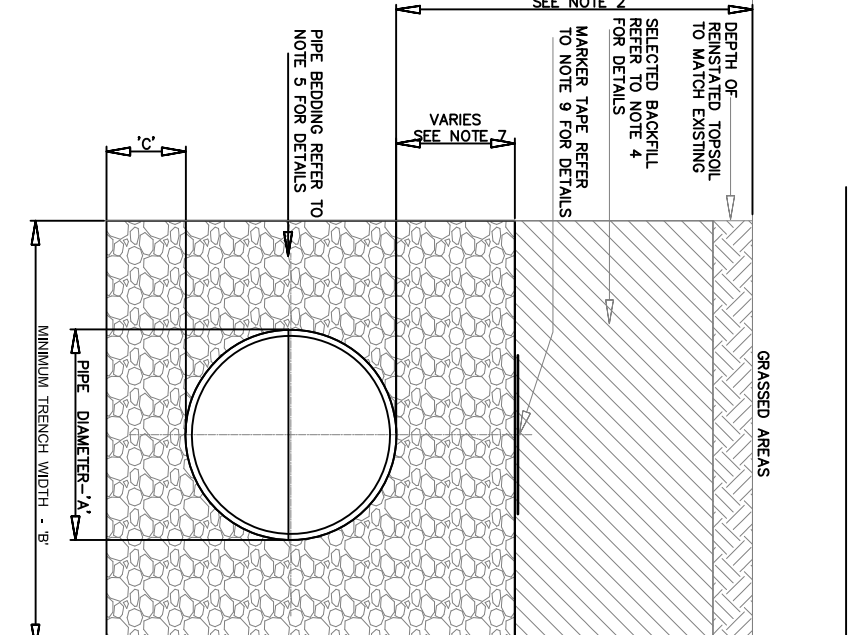
PROJECT

Hartfield Place,
Swords Road, Whitehall,
Dublin 9, D09 C7F8

SCALE	DATE CHECKED	DRAWN BY:
As Shown @ 1:1	JUNE 2019	JOR

DRAWING No.	REV
HARTPL-JOR-SM-ZZ-DR-C-0004	C

ISSUED FOR PLANNING



PIPE DIAMETER (mm)	TRENCH WIDTH (mm)
150	600
200	600
300	700
400	800

PIPE DIAMETER (mm)	DEPTH OF BENCHING (mm)
150	200
200	300
300	400
400	500