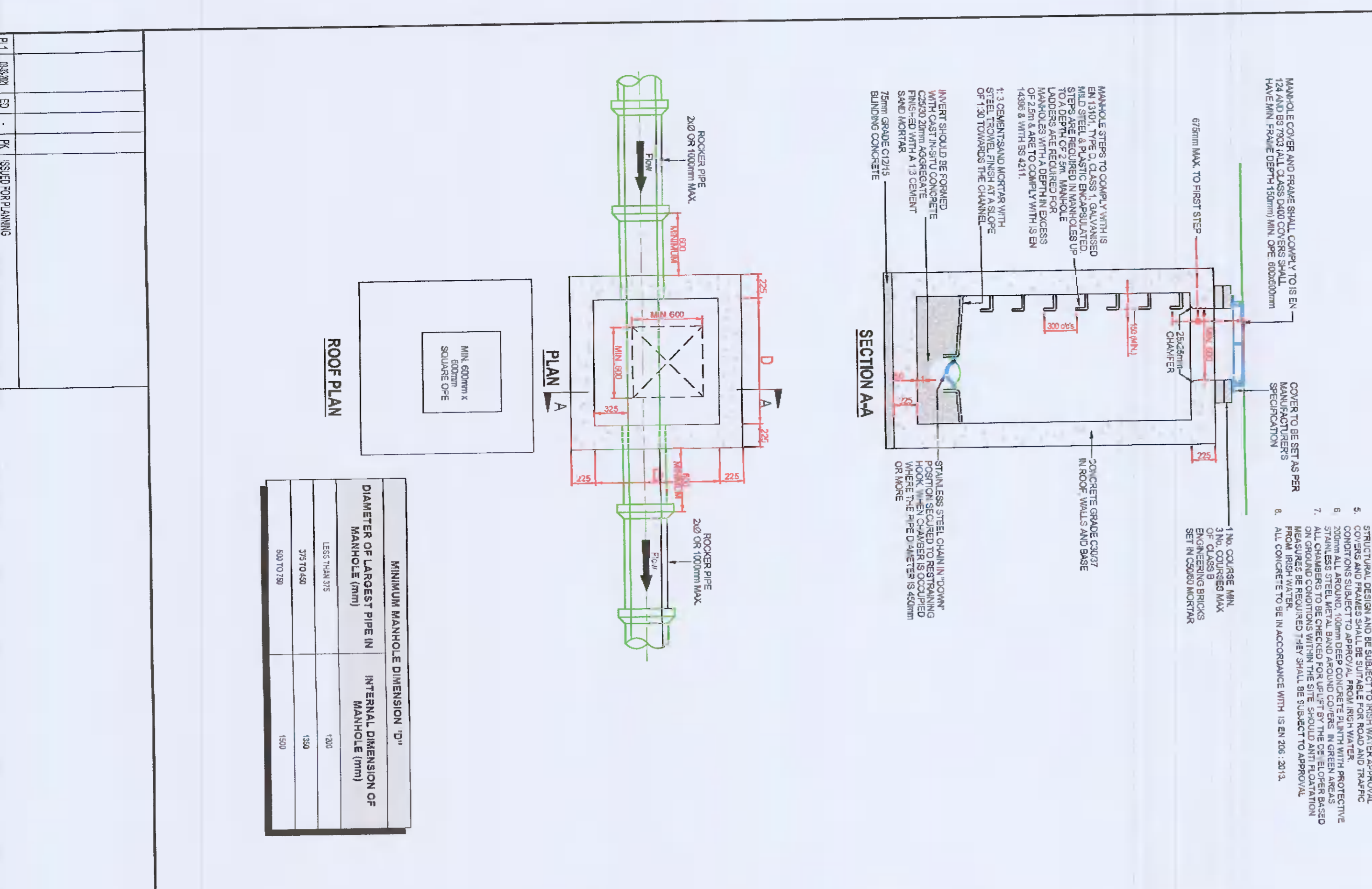
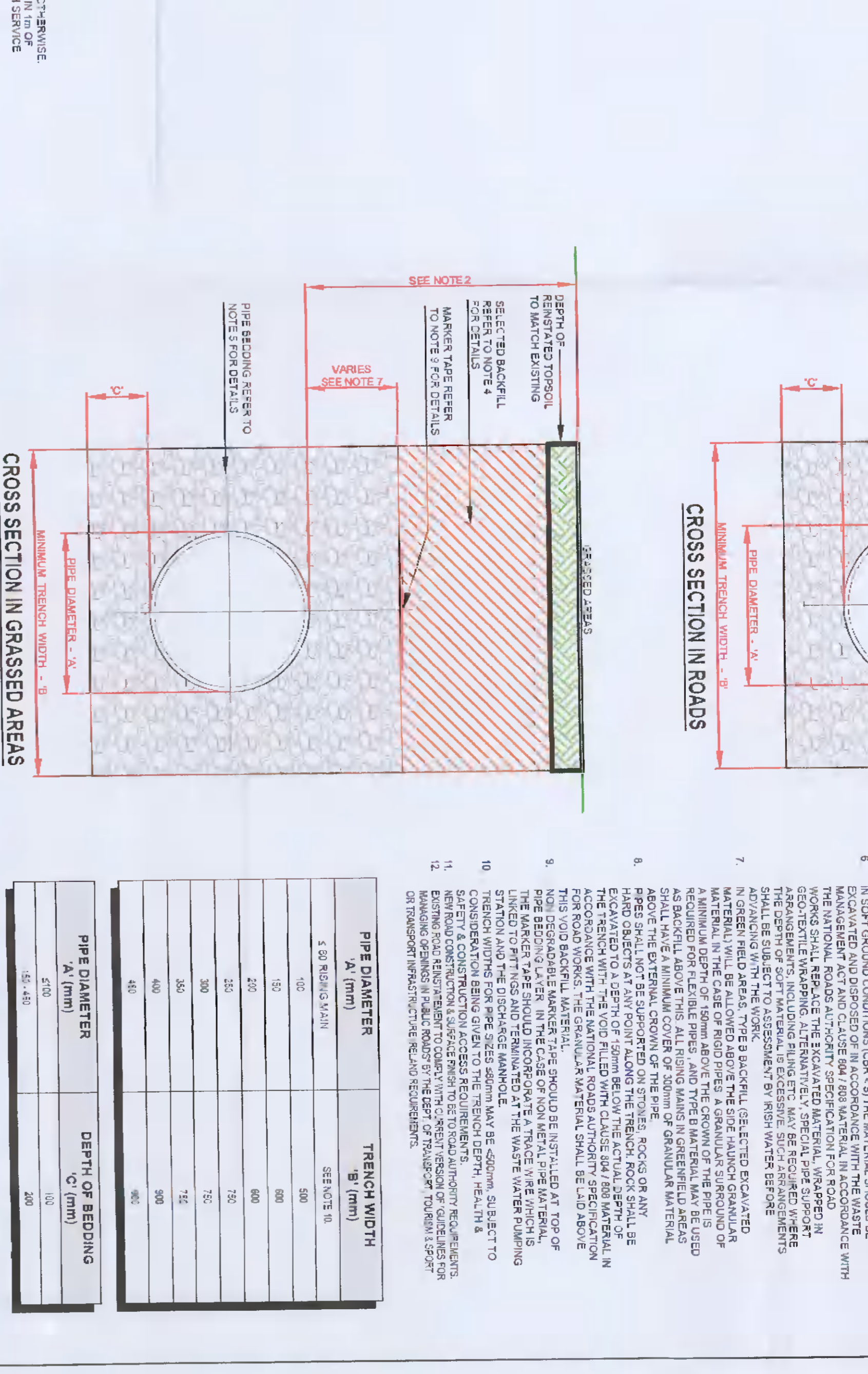
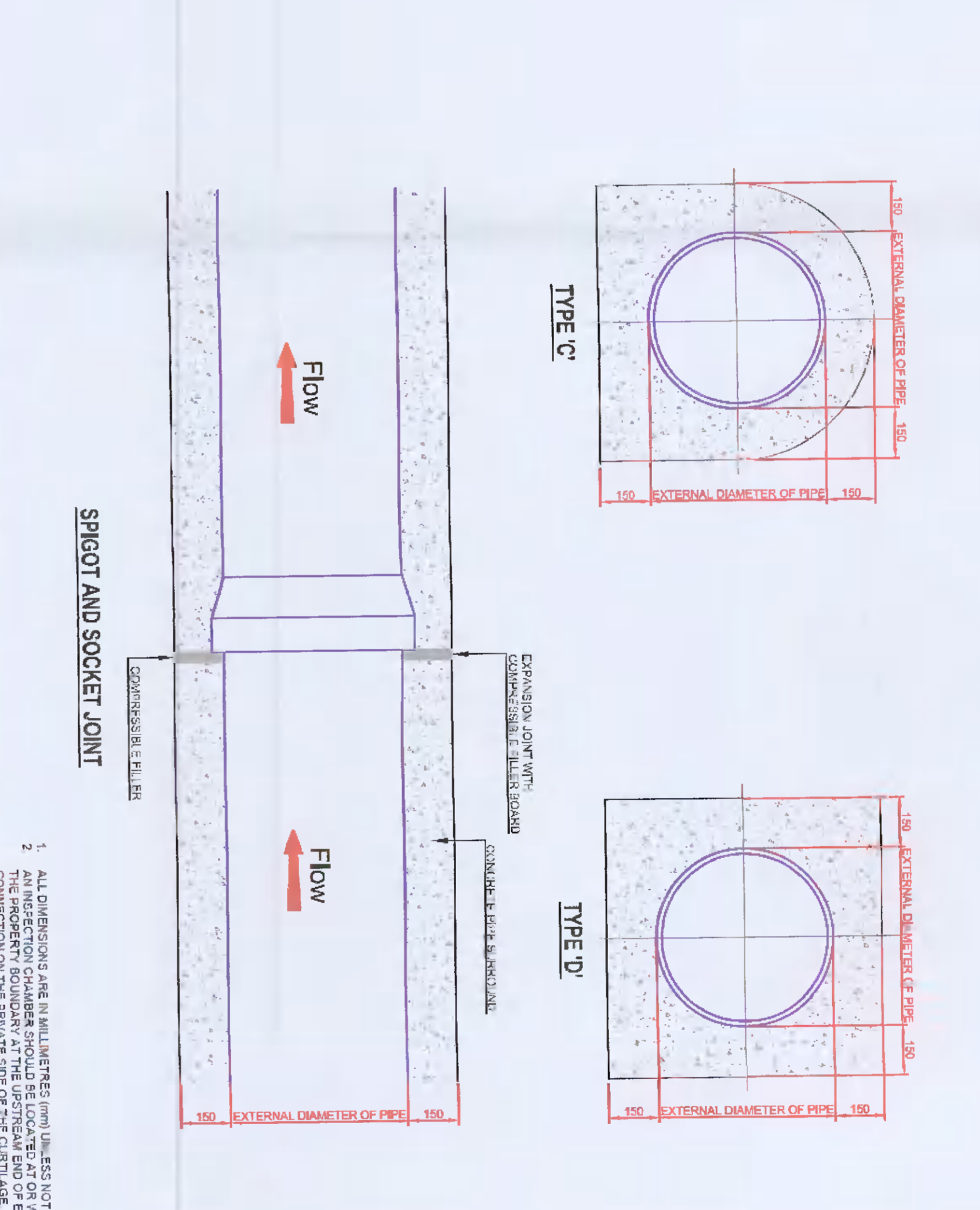
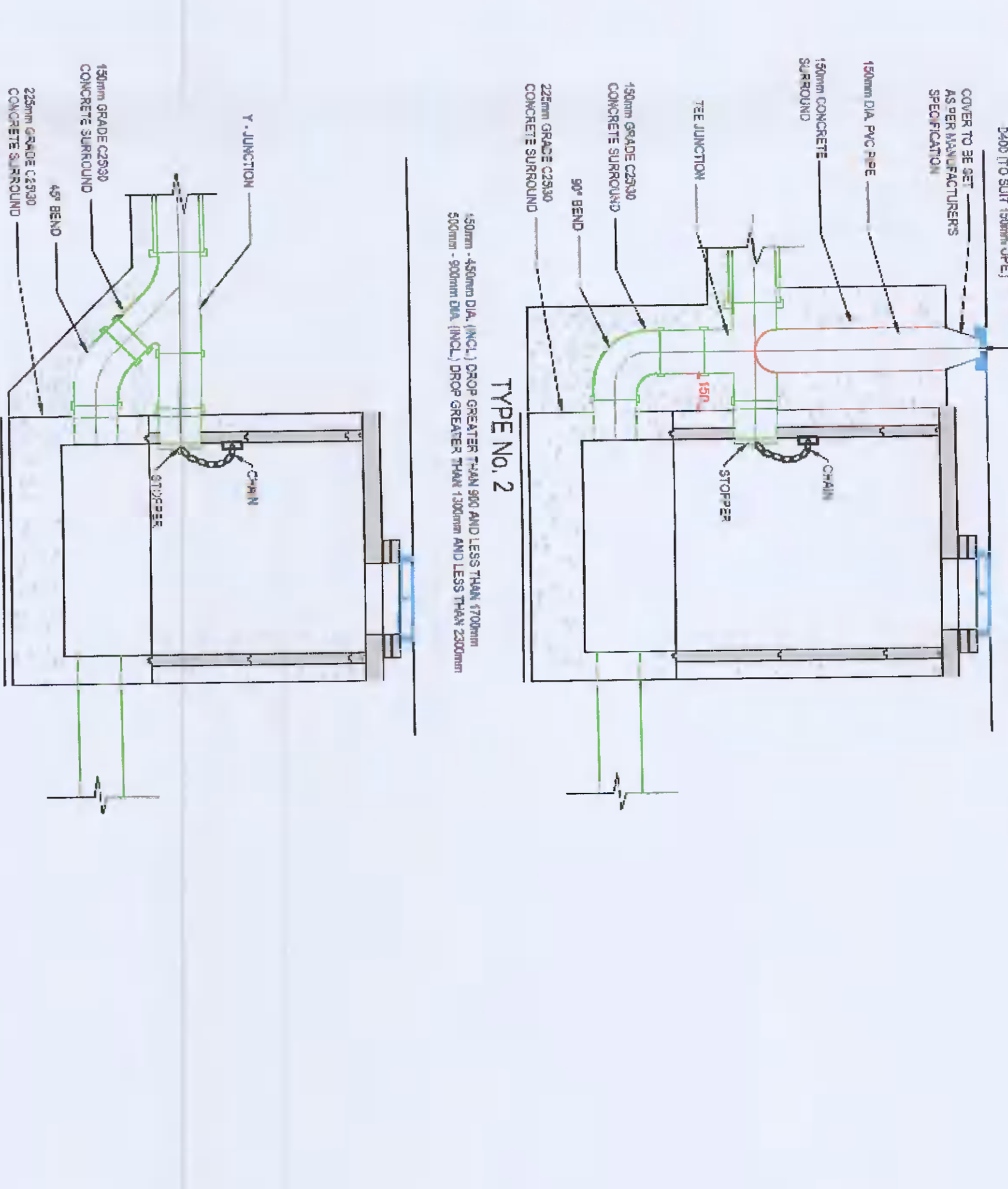
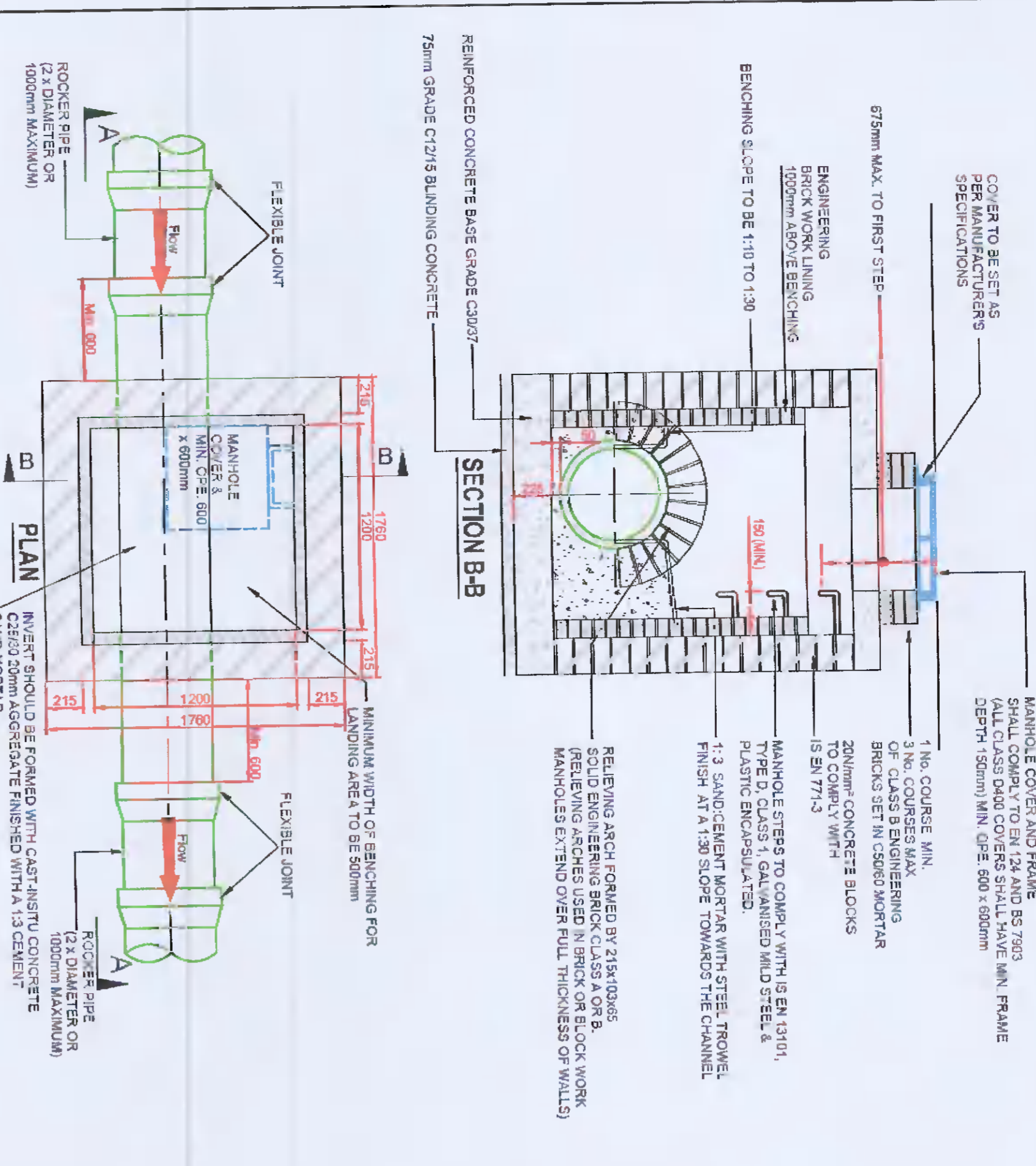
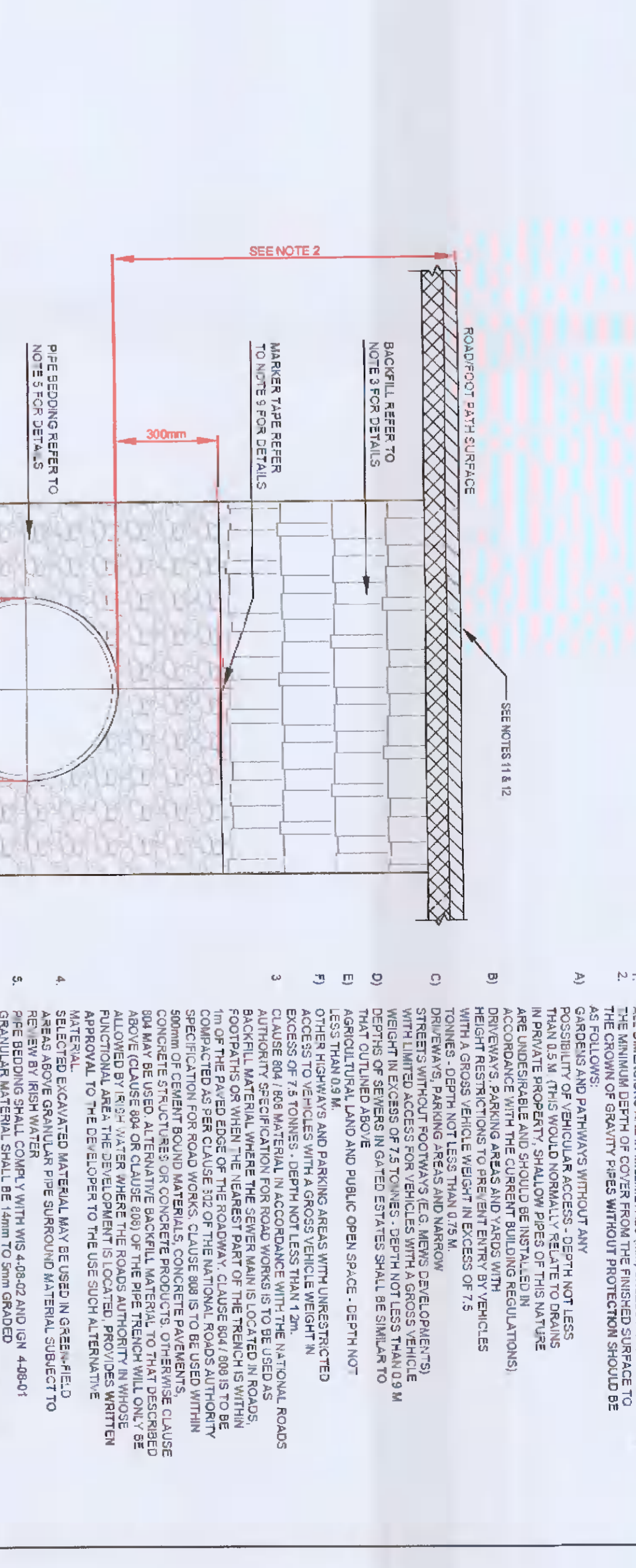
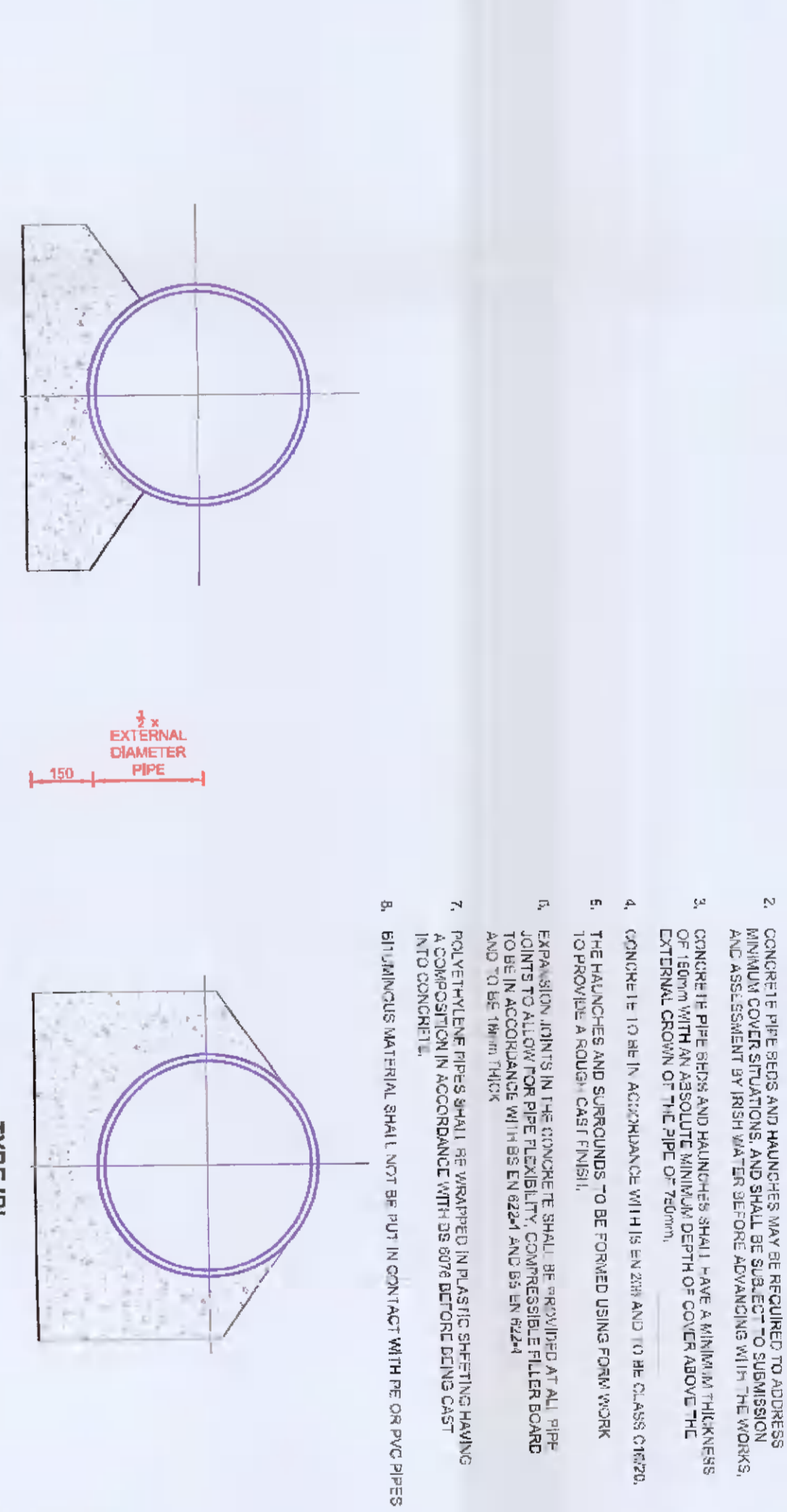
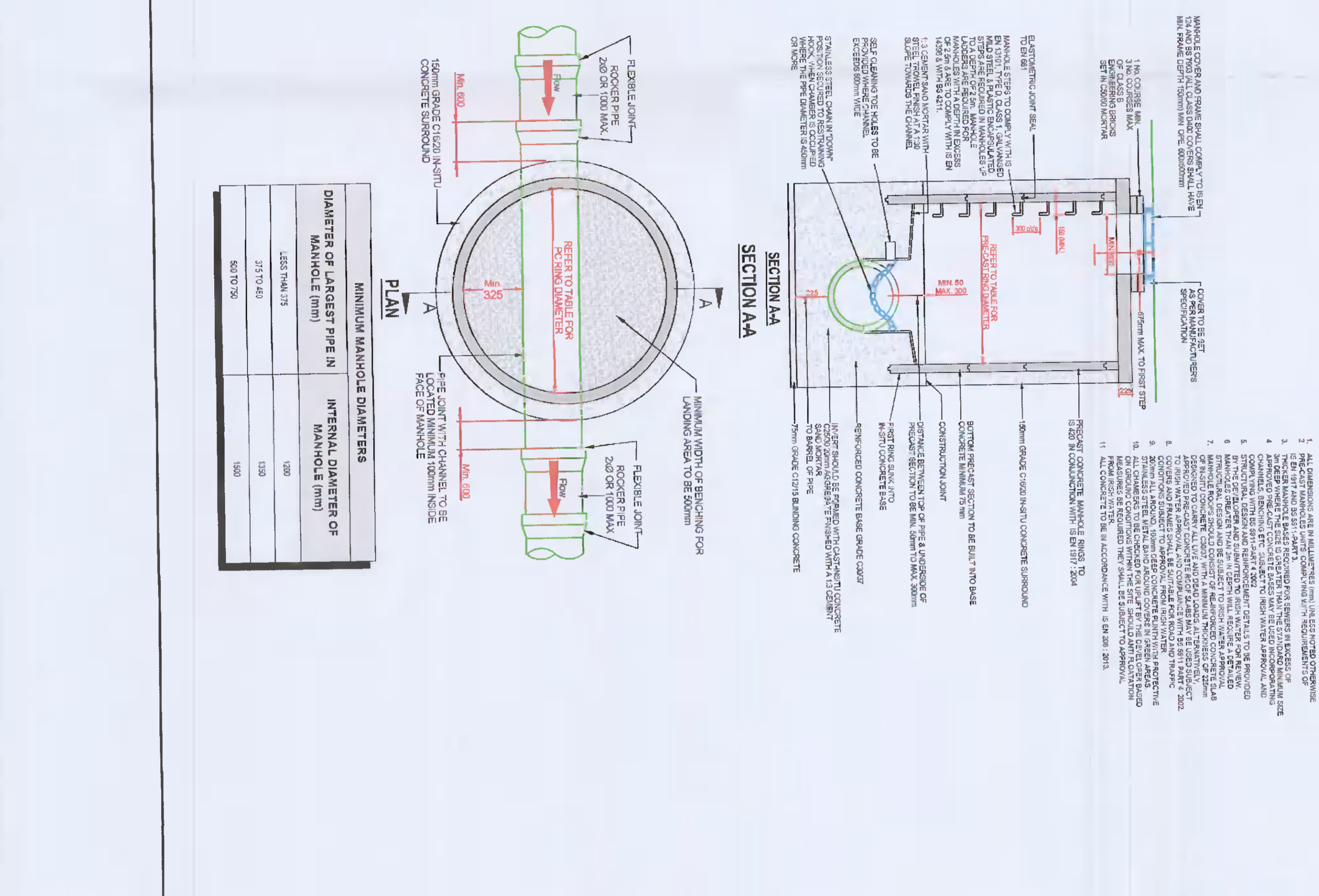


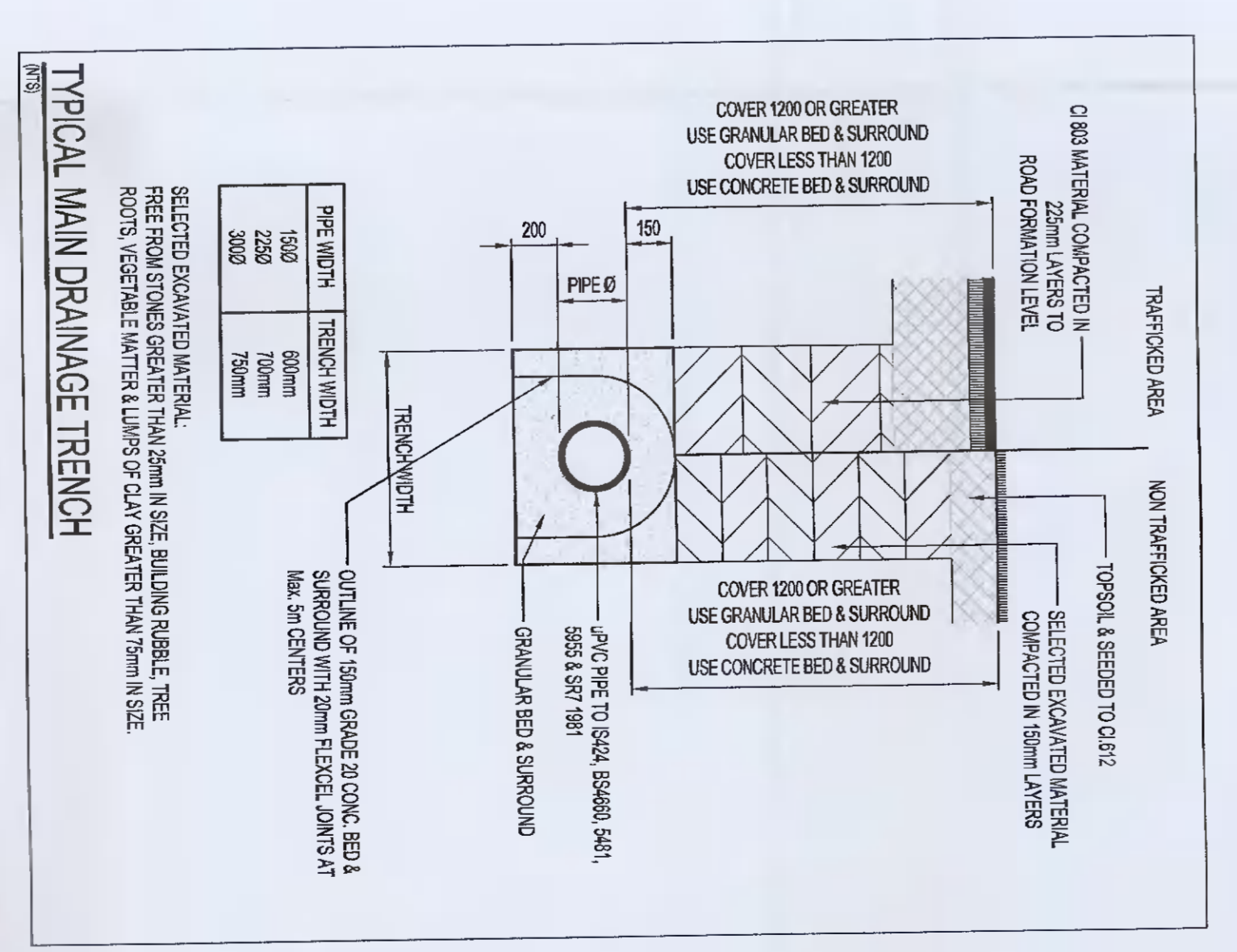
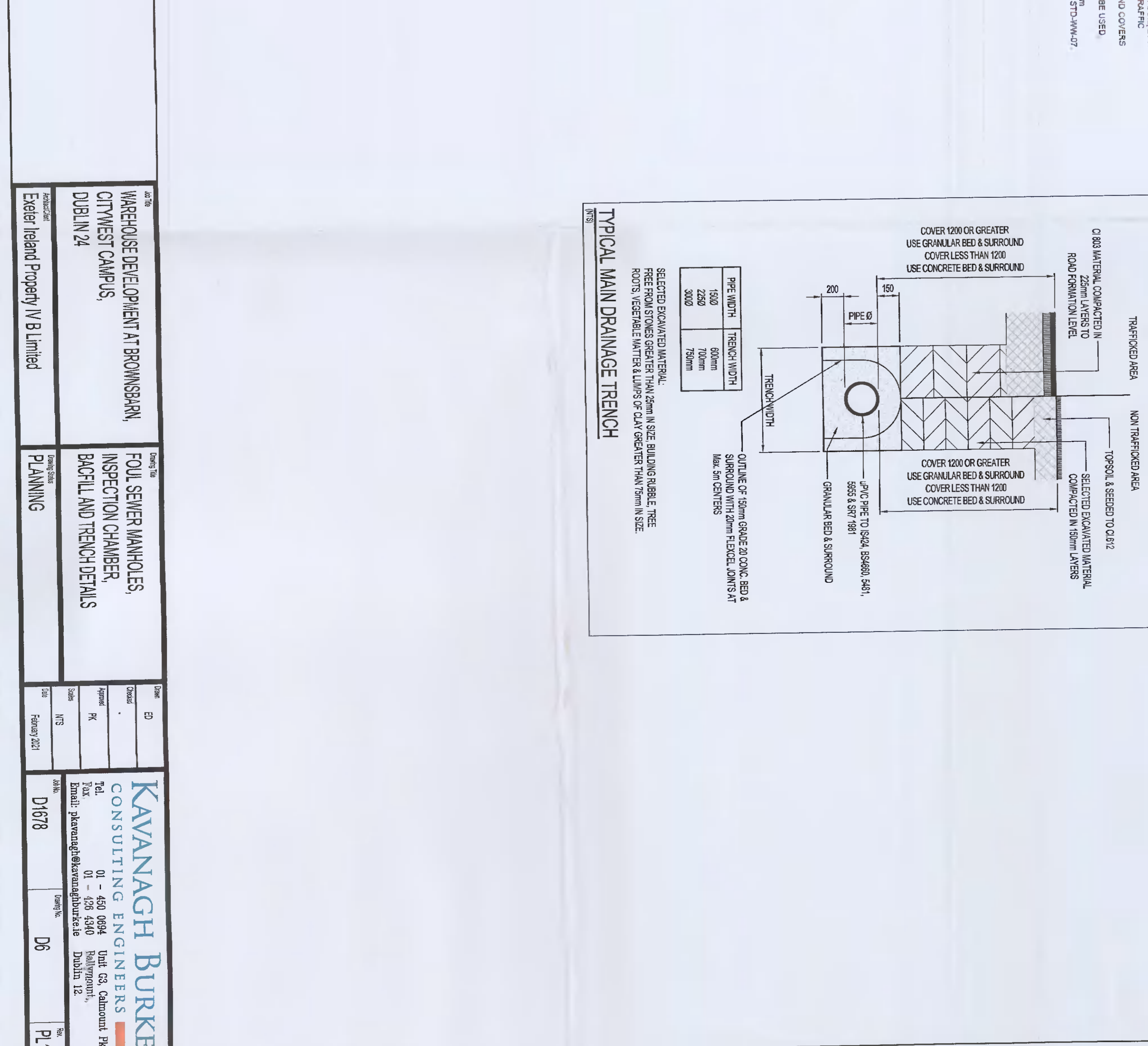
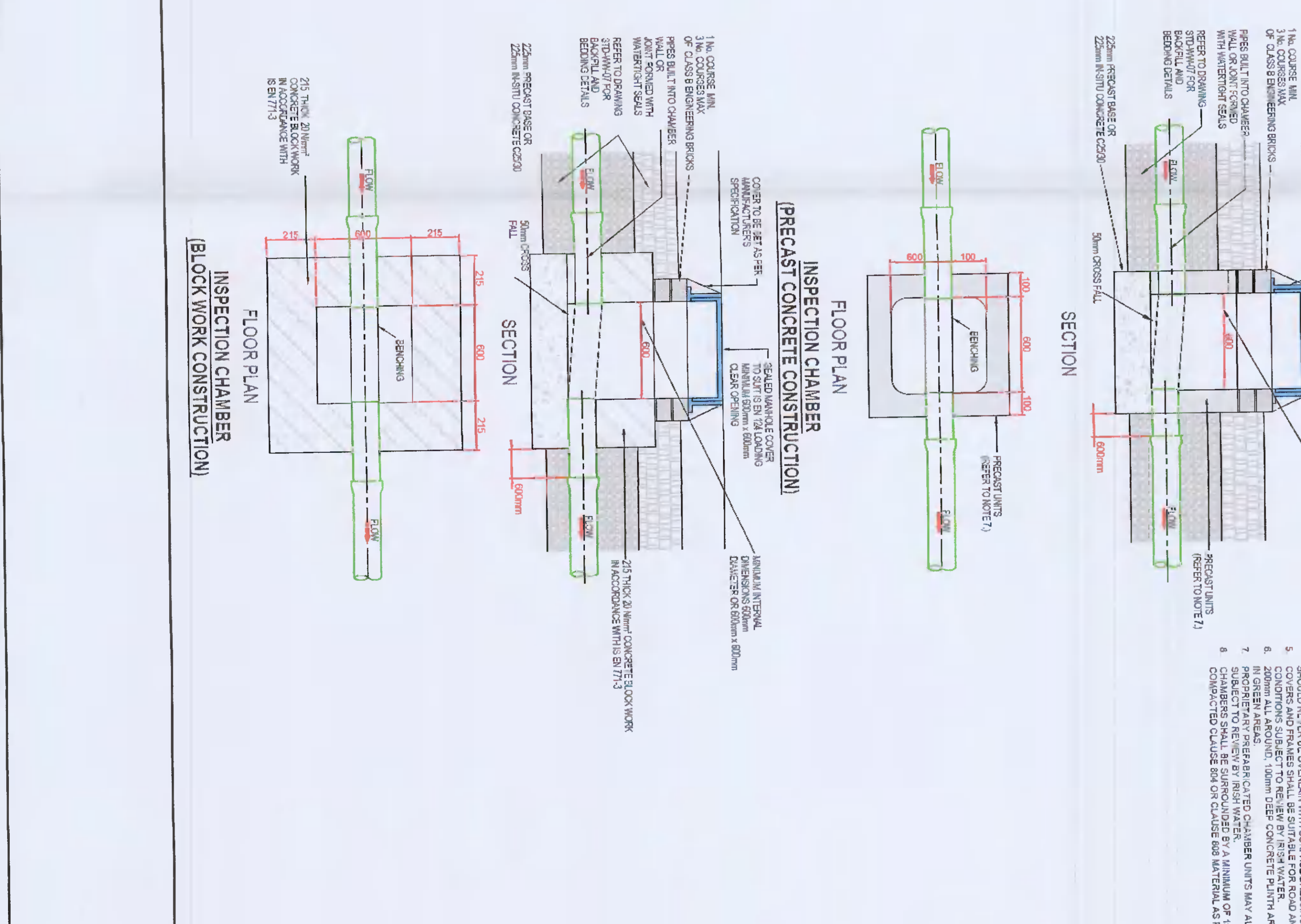
CONCRETE SURROUND TO ALL BLOCK AND PRECAST CONCRETE MANHOLES, PAVED AND GRASSSED AREAS. JOINT BETWEEN ALL STEEL COVERS AND CONCRETE EDGE TO BE SEALED WITH SUITABLE MASTIC.



| MINIMUM MANTLE DIAMETER, "D" | INTERNAL DIAMETER OF MANHOLE (mm) | EXTERNAL DIAMETER OF MANHOLE (mm) |
|------------------------------|-----------------------------------|-----------------------------------|
| 1000 | 1000 | 1000 |
| 1250 | 1250 | 1250 |
| 1500 | 1500 | 1500 |
| 2000 | 2000 | 2000 |



| MINIMUM MANTLE DIAMETER, "D" | INTERNAL DIAMETER OF MANHOLE (mm) | EXTERNAL DIAMETER OF MANHOLE (mm) |
|------------------------------|-----------------------------------|-----------------------------------|
| 1000 | 1000 | 1000 |
| 1250 | 1250 | 1250 |
| 1500 | 1500 | 1500 |
| 2000 | 2000 | 2000 |



| PIPE DIAMETER | TRENCH WIDTH |
|---------------|--------------|
| 150 (6") | 900 |
| 200 (8") | 1200 |
| 250 (10") | 1500 |
| 300 (12") | 1800 |
| 350 (14") | 2100 |
| 400 (16") | 2400 |
| 450 (18") | 2700 |
| 500 (20") | 3000 |
| 550 (22") | 3300 |
| 600 (24") | 3600 |
| 650 (26") | 3900 |
| 700 (28") | 4200 |
| 750 (30") | 4500 |
| 800 (32") | 4800 |
| 850 (34") | 5100 |
| 900 (36") | 5400 |
| 950 (38") | 5700 |
| 1000 (40") | 6000 |
| 1050 (42") | 6300 |
| 1100 (44") | 6600 |
| 1150 (46") | 6900 |
| 1200 (48") | 7200 |
| 1250 (50") | 7500 |
| 1300 (52") | 7800 |
| 1350 (54") | 8100 |
| 1400 (56") | 8400 |
| 1450 (58") | 8700 |
| 1500 (60") | 9000 |

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WAREHOUSE DEVELOPMENT AT BROWNSBARN
 COUNTRY CAMPUS
 DUBLIN 24
 Eirell Ireland Property V Limited
 Planning

ROAD SENIORS
 INSPECTION CHAMBER
 MANHOLE AND TRENCH DETAILS

Scale: 1:100
 Date: 12/10/2023
 Sheet: 01 of 03
 Project: KAVANAGH BURKE CONSULTING ENGINEERS