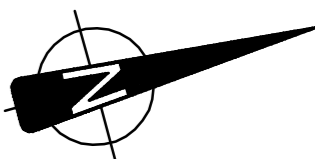


| Ref | COVER LEVEL (m) | INVERT LEVEL (m) | COVER TO PIPE (m) | MANHOLE TYPE | MANHOLE COVER |
|--------|-----------------|------------------|-------------------|-----------------|---------------|
| MH F01 | 62.300 | 61.999 | 0.750 | CONCRETE TYPE A | CLASS D400 |
| MH F02 | 62.300 | 62.000 | 0.750 | CONCRETE TYPE B | CLASS D400 |
| MH F03 | 62.320 | 61.944 | 1.152 | CONCRETE TYPE B | CLASS D400 |
| MH F04 | 62.225 | 60.924 | 1.698 | CONCRETE TYPE B | CLASS D400 |
| MH F05 | 62.680 | 60.924 | 1.991 | CONCRETE TYPE B | CLASS D400 |
| MH F06 | 62.230 | 60.276 | 1.729 | CONCRETE TYPE B | CLASS D400 |
| MH F07 | 61.150 | 59.971 | 0.954 | CONCRETE TYPE B | CLASS D400 |
| MH F08 | 62.600 | 61.027 | 1.348 | CONCRETE TYPE B | CLASS D400 |
| MH F09 | 61.700 | 60.725 | 0.750 | CONCRETE TYPE A | CLASS D400 |
| MH F10 | 62.300 | 61.999 | 0.978 | CONCRETE TYPE B | CLASS D400 |
| MH F11 | 62.300 | 61.227 | 0.950 | CONCRETE TYPE B | CLASS D400 |
| MH F12 | 61.452 | 60.880 | 1.052 | CONCRETE TYPE A | CLASS D400 |
| MH F14 | 62.230 | 61.164 | 0.941 | CONCRETE TYPE B | CLASS D400 |
| MH F15 | 61.925 | 60.950 | 1.392 | CONCRETE TYPE A | CLASS D400 |
| MH F16 | 60.950 | 59.934 | 1.392 | CONCRETE TYPE B | CLASS D400 |
| MH F17 | 60.040 | 59.056 | 0.750 | CONCRETE TYPE A | CLASS D400 |



| LEGEND | |
|--------|---|
| | EX. FOUL WATER SEWER AND MANHOLE |
| | NEW FOUL WATER SEWER AND MANHOLE |
| | NEW SURFACE WATER SEWER AND MANHOLE |
| | TRAPPED ROAD GULLY (1500 @ 1 IN 150 FALL) |
| | OUTFALL F/W INSPECTION CHAMBER |

SITE PLAN - FOUL WATER DRAINAGE PLAN
SCALE 1:300

GENERAL NOTES:

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS OF THE DRAWING AND SPECIFICATIONS. DO NOT SCALE DIMENSIONS, REFER TO ARCHITECT'S DRAWINGS FOR ALL SETTING OUT DIMENSIONS. WORK TO FIGURED DIMENSIONS ONLY. THE ENGINEER IS TO BE AFFORDED SUFFICIENT TIME TO CARRY OUT INSPECTION OF THE WORKS IN ACCORDANCE WITH THE PROJECT INSPECTION PLAN AND INSPECTION PROGRAMME. ALL CONSTRUCTION PRODUCTS TO HAVE RELEVANT CE MARKING WHERE APPLICABLE.

GRANULAR MATERIAL
ALL GRANULAR FILL PLACED ON SITE MUST COMPLY WITH SPT 2014 + A131 AND SPT 2011.
ALL GRANULAR FILL MUST BE ROLLED AND COMPACTED IN ACCORDANCE WITH ITS SPECIFICATION FOR ROADWORKS.
THE CONTRACTOR MUST PROVIDE CERTIFICATES AND DELIVERY DOCKETS FOR ALL GRANULAR FILL MATERIAL PLACED ON SITE AND ALL MATERIAL PLACED DISPOSAL OFF SITE.

DRAINAGE
ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH S.F. 752 (S&M) 193 PART 11, GEN CODE OF PRACTICE FOR DRAINAGE WORKS V6.0
MAN 15mm CLASS CONCRETE BED A SURROUND TO BE PROVIDED TO ALL SEWER PIPELINES UNDER ROADS, KERBS AND FOOTPATHS.
BACKFILL FOR ALL LVC PIPES TO BE FREE FROM STONE EXCEEDING 50mm FOR 300mm ABOVE GRANULAR SURROUND.
ALL REINFORCEMENT WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
ALL MANHOLES COVERS AND FRAME ARE TO BE CLASS B125 & D400 TO BS EN 124 UN O.
INSPECTION CHAMBERS ARE TO BE CONSTRUCTED IN ACCORDANCE TO IRISH WASTEWATER STANDARD DETAILS DRAWING STD-WW-13.
SEWER PIPE LINES TO BE TO WP SPEC AND INCLUDING 3009 TO IS 123 ON ALL MANHOLES AND SURROUND LAND STRICTLY TO MANUFACTURERS INSTRUCTIONS.

| Rev | Date | By | Check | Description |
|-----|------------|-----|-------|-----------------------------|
| P1 | 25-10-2019 | POC | X | Issue for Peer & Submission |

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|--------|--|----------|---------|------------|-----|
| Job: | Housing Development Churchfields, Mullindart, Dublin | Job No.: | 19126 | Proj. No.: | CO2 |
| Scale: | @A1 | Date: | Oct '19 | Drawn: | |

| | | | | | |
|----------|---------------------------------------|--------|-----|------|---|
| Drawing: | Site Plan Foul Water Drainage Plan | Drawn: | POC | Rev: | 0 |
|----------|---------------------------------------|--------|-----|------|---|