



**SITE PLAN SHOWING SURFACE FOUL DRAINAGE**  
SCALE 1:500

**Notes**

- 1/ DRAINAGE TO BE INSTALLED IN ACCORDANCE SI NO. 272/2009 EUROPEAN COMMUNITIES ENVIRONMENTAL OBJECTIVE SURFACE WATERS) REGULATIONS 2009
- 2/ ALL DIMENSIONS ARE IN (mm.) UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT JUNCTION BOXES, CHAMBERS, MANHOLES, GULLIES TO ENSURE NO CLASHES WITH SERVICE DUCTS AND PIPES.
- 3/ ALL LEVELS ARE IN METRES ABOVE DATUM UNLESS OTHERWISE NOTED.
- 4/ THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEER'S AND MANUFACTURERS' DRAWINGS AND SPECIFICATIONS.
- 5/ ALL PIPE DIAMETERS ARE NOMINAL. PIPES TO BE MINIMUM 1m FROM KERB & MANHOLES 500mm FROM KERB LINES
- 6/ THE CONTRACTOR MUST CONTACT THE RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION WORK, AND SATISFY HIMSELF IN RESPECT TO THE LOCATION OF ALL EXISTING SERVICES.
- 7/ 600mm MAX. LENGTH ROCKER PIPES ARE TO BE PROVIDED ON SEWERS WHERE: (A) A PIPE LEAVES A MANHOLE OR PUMPING STATION. (B) A PIPE LEAVES A MANHOLE. (C) A PIPE ENTERS CONCRETE ENCASUREMENT. (D) A PIPE LEAVES CONCRETE ENCASUREMENT. (E) ANY OTHER LOCATION AS DIRECTED BY THE ENGINEER.
- 8/ ALL SEWER ROCKER PIPES ARE TO BE FORMED BY CUTTING AND TRIMMING A LENGTH OF SPIGOT & SOCKET PIPE TO FORM A SPIGOT AT THE CUT END, THEREBY FORMING SPIGOT & SOCKET JOINTS AT BOTH ENDS OF THE ROCKER PIPE.
- 9/ ALL PIPE RUNS BETWEEN ACCESS JUNCTIONS TO BE 1000, 1 IN 40 GRADIENT
- 10/ WHERE SEWER PIPES, RISING MAINS OR ROAD GULLY DRAINS CROSS EXISTING ROADS, THE CONTRACTOR IS REQUIRED TO: (A) CONTACT THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK. (B) MAKE GOOD THE EXISTING ROAD TO ITS ORIGINAL SPECIFICATION AS APPROVED BY THE ENGINEER.
- 11/ 600mm MAX LENGTH ROCKER PIPES ARE TO BE PROVIDED ON RISING MAINS WHERE: (A) THE MAIN LEAVES A PUMPING STATION OR VALVE CHAMBER. (B) THE MAIN ENTERS A MANHOLE OR VALVE CHAMBER. (C) A PIPE ENTERS CONCRETE ENCASUREMENT. (D) A PIPE LEAVES CONCRETE ENCASUREMENT. (E) ANY OTHER LOCATION AS DIRECTED BY THE ENGINEER.
- 12/ ABANDONED SEWER RUNS TO BE BROKEN OUT AND TRENCH/MANHOLES TO BE BACKFILLED WITH CLASS 15/20N LEAN MIX CONCRETE.
- 13/ WHERE PIPE RUNS PASS UNDER FOUNDATIONS, PIPE TRENCH TO BE BACKFILLED TO FORMATION LEVEL WITH CLASS 15/20 CONCRETE.
- 14/ ALL EXISTING MAIN SEWER RUNS TO BE JETTED TO REMOVE BLOCKAGE/DEBRIS.
- 15/ CCTV SURVEY TO BE CARRIED OUT ON ALL NEW DRAINAGE RUNS.
- 16/ CONTRACTOR TO PROVIDE I.L. PIPE DIAMETER AND DIRECTION OF FLOW IN EXISTING MANHOLE ON COMMENCEMENT OF THE WORKS TO DESIGN ENGINEER
- 17/ MINIMUM COVER TO FLEXIBLE PIPES 1200mm FOR ROADWAYS, 900mm FOR OPEN SPACES & FOOTPATHS NOT ADJACENT TO ROADS, 600mm FOR GARDENS WHERE MINIMUM COVER IS NOT ACHIEVED PLEASE REFER TO ENGINEER FOR PIPE PROTECTION DETAIL
- 18/ FOUL SEWER PIPE SPECIFICATION TO BE IN ACCORDANCE WITH SECTION 3.13.3 UNPLASTICISED PVC OF THE WASTEWATER CODE OF PRACTICE. ALL FOUL INFRASTRUCTURE TO BE LAID IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS
- 19/ MANHOLES LOCATED IN SOFT LANDSCAPE GRASS AREAS TO BE SURROUNDED WITH 100mm DEEP C20 CONCRETE 20mm AGGREGATE SIZE BEDDED IN CLAUSE 804 MATERIAL 200mm ALL AROUND

**Legend**

- New Polyethylene (PE) Foul water pipework
- New Foul water Manhole
- 200mm Concrete plinth around manholes in soft landscaped/grass areas
- Inspection chamber and 100mmØ branch (one per house)

Revision	Detail	Date	Rev By
A	FOR SHD APPLICATION	14-02-22	PM

**IMPORTANT TO READ**  
© THIS DRAWING IS COPYRIGHT.  
ALL CONSTRUCTION METHODS, MATERIALS, SERVICES AND INSTALLATIONS TO BE IN ACCORDANCE WITH ALL BUILDING REGULATIONS AND CODES OF PRACTICE AT TIME OF CONSTRUCTION.  
ALL SUB-CONTRACTORS ARE ULTIMATELY RESPONSIBLE FOR ENSURING COMPLIANCE WITH REGULATIONS WITHIN THEIR OWN TRADE. ALL TRADES TO CHECK DIMENSIONS ON SITE PRIOR TO CONSTRUCTION OF FABRICATION. FIGURED DIMENSIONS TO BE TAKEN ONLY.  
THE ENGINEER IS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.  
IF IN DOUBT, ASK!



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Date	Drawn	PM	Dig No	Rev
01-02-21	PM		21017-PL08	A
Scale	1:500	Checked	PM	

Client  
**EOIN SHEEHAN**  
Job Title  
**PROPOSED RESIDENTIAL DEVELOPMENT IN BLARNEY**  
Dwg Title  
**SITE PLAN SHOWING FOUL WATER DRAINAGE**