



**SITE PLAN SHOWING SURFACE WATER 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, ENGINEERS AND MANUFACTURERS' DRAWINGS AND SPECIFICATIONS.

5/ ALL PIPE DIAMETERS ARE NOMINAL.

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 ENTERS A MANHOLE OR PUMPING STATION. (B) A PIPE LEAVES A MANHOLE. (C) A PIPE ENTERS CONCRETE ENCASEMENT. (D) A PIPE LEAVES CONCRETE ENCASEMENT. (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 ENCASEMENT. (D) A PIPE LEAVES CONCRETE ENCASEMENT. (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 IL 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/ SURFACE WATER SEWER TO BE CLASS 'H' SPIGOT & SOCKET CONCRETE PIPES TO S.6 UNLESS OTHERWISE NOTED. ALL SURFACE WATER SEWER PIPES TO BE CLASS 'M' SPIGOT & SOCKET PIPES. UNLESS OTHERWISE NOTED. ALL SURFACE WATER PIPES TO BE uPVC TO S.424. ALL FOUL SEWER PIPES AND CONNECTIONS TO BE CONCRETE PIPES TO S86 OR VITRIFIED CLAY PIPES TO S295.

Legend

- New uPVC Surface water pipework
- New Surface water Manhole
- G.T. New Heavy Duty Road Gully

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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Client
EON SHEEHAN

Job Title
PROPOSED RESIDENTIAL DEVELOPMENT IN BLARNEY

Drawn Title
SITE PLAN SHOWING SURFACE WATER DRAINAGE

Date	Drawn	Dig No	Rev
01-02-21	PM	21017-PL04	A