

**DRAWING LEGEND:** 

PROPOSED FOUL DRAINAGE & ACCESS CHAMBER

\_ \_ \_ \_ \_ EXISTING FOUL

DENOTES PROPOSED INSPECTION CHAMBER AS PER IRISH WATER DETAILS

DRAINAGE MAINTAINED

**GENERAL NOTES:** 

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.

ALL LEVELS ARE IN METRES ABOVE DATUM UNLESS OTHERWISE NOTED.

ALL PIPE DIAMETERS ARE NORMAL.

4. THE CONTRACTOR MUST CONTACT THE RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION WORK, & SATISFY HIMSELF IN RESPECT TO THE LOCATION OF ALL EXISTING SERVICES.

5. ALL SEWER & DRAIN PIPES ARE uPVC STIFFNESS CLASS SN8 (8Kn/m2) UNLESS OTHERWISE STATED.

3. ALL BEDDING TO SEWERS IS CLASS 'B' UNLESS OTHERWISE NOTED.

7. ALL MANHOLES CAN BE EITHER PRECAST CONCRETE RING MANHOLES OR BLOCKWORK UNLESS OTHERWISE STATED.

8. 600mm MAX. LENGTH ROCKER PIPES ARE TO BE PROVIDED ON SEWER 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.

9. ALL SEWER ROCKER PIPES ARE TO BE FORMED BY CUTTING & 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

10. WHERE SEWER PIPES OR RISING MAINS CONNECT TO EXISTING MANHOLES, THE CONTRACTOR IS REQUIRED TO:

(A) CONTACT THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK. (B) MAKE GOOD THE EXISTING CHAMBER WALL AT THE PROPOSED POINT OF PENETRATION & ADJUST THE EXISTING BENCHING TO THE SATISFACTION OF THE ENGINEER.

11. 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. 12. MINIMUM FALLS INDICATED ON DRAINAGE PIPES, LEVELS TO BE REVISED IF

MANHOLE LOCATIONS ARE MODIFIED BY CONTRACTOR. 13. CONCRETE PROTECTION TO BE PROVIDED AROUND ALL PIPES WHERE COVER TO

SOFFIT IS LESS THAN 1.2m. 14. ALL BRANCH AND PERIMETER DRAINAGE ARE TO BE DETAILED BY ARCHITECT.

TESTING OF SEWERS

(A) FOUL AND SURFACE WATER SEWERS TO BE TESTED EITHER A WATER OF AIR TEST. IF THE AIR TEST IS CARRIED OUT AND THE RESULTS SHOW A FAILURE THEN A WATER TEST SHALL BE SUBSEQUENTLY CARRIED OUT TO DETERMINE ACCEPTANCE OR

(B) WATER TESTS CARRIED OUT SHALL BE TESTED IN UNDER A HEAD OF WATER IN ACCORDANCE WITH BS 8301 1995, AND CARRIED OUT FOR A MINIMUM OF 30

(C) THE CONTRACTOR IS TO ENGAGE AN ENGINEER WITH PROFESSIONAL INDEMNITY

INSURANCE TO SUPERVISE ALL AIR/WATER TESTS ON MAINS BEFORE BACKFILLING. (D) ON COMPLETION OF ALL SEWERS DRAINS AND GULLIES, ALL SEWERS SHALL BE FLUSHED OUT AND LEFT FREE FROM DEFECT AND OBSTRUCTION AND SUBSEQUENTLY A CCTV SURVEY SHALL BE CARRIED OUT BY AN INDEPENDENT CONTRACTOR OF THE AS BUILT DRAINAGE. THE CCTV SURVEY SHALL INCLUDE A REPORT AND DVD AND SHALL BE SUBMITTED TO THE ENGINEER AND ARCHITECT PRIOR TO PRACTICAL COMPLETION.

(E) ON COMPLETION OF ALL SEWERS, DRAINS AND GULLIES AN AS-BUILT SURVEY MUST BE SUBMITTED INCLUDING LOCATION OF MANHOLES RELATIVE TO THE BUILDING OUTLINE, COVER, INVERT LEVELS AND PIPE DIAMETERS. TO THE ENGINEER AND ARCHITECT FOR THEIR REVIEW PRIOR TO PRACTICAL COMPLETION.

FOUL SEWER PIPES TO BE THERMOPLASTIC STRUCTURED WALL PIPE STIFFNESS CLASS 8kN/m2 IN ACCORDANCE WITH "IRISH WATER CODE OF PRACTICE FOR PIPE MATERIAL SECTION 3.13"

ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH 'RECOMMENDATIONS FOR SIT DEVELOPMENT WORKS FOR HOUSING AREAS', DEPARTMENT OF THE ENVIRONMENT.

CONCRETE PROTECTION WILL BE PROVIDED OVER PIPES WHERE THE DEPTH OF COVER TO PIPES UNDER ROADS IS LESS THAN 1200MM & 900MM UNDER GRASSED/PAVED AREAS.

ALL PERIMETER DRAINAGE TO ARCHITECTS

## **GENERAL NOTES:**

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS DRAWINGS & SPECIFICATIONS.
- . ALL LEVELS ARE STRUCTURAL UNLESS NOTED OTHERWISE.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BUILDING REGULATIONS.
- DO NOT SCALE WORK TO FIGURE DIMENSIONS ONLY.



Dwg Title

Issue register					
Rev.	Date	Description	Dwn.	Chkd.	Αp
PL1	03.12.21	PART 8	TD	NP	1
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KILDARE CO. CO.

Job Description: AMBASSADOR SITE HOUSING

KILL, Co. KILDARE

PART 8

Drawing Title:

PROPOSED FOUL DRAINAGE LAYOUT

PL' 21KK009 C-010 A1-1:500 **@** A3-1:1000 10.09.18 T.DALESSANDRO | M.CARR N.PATTERSON



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