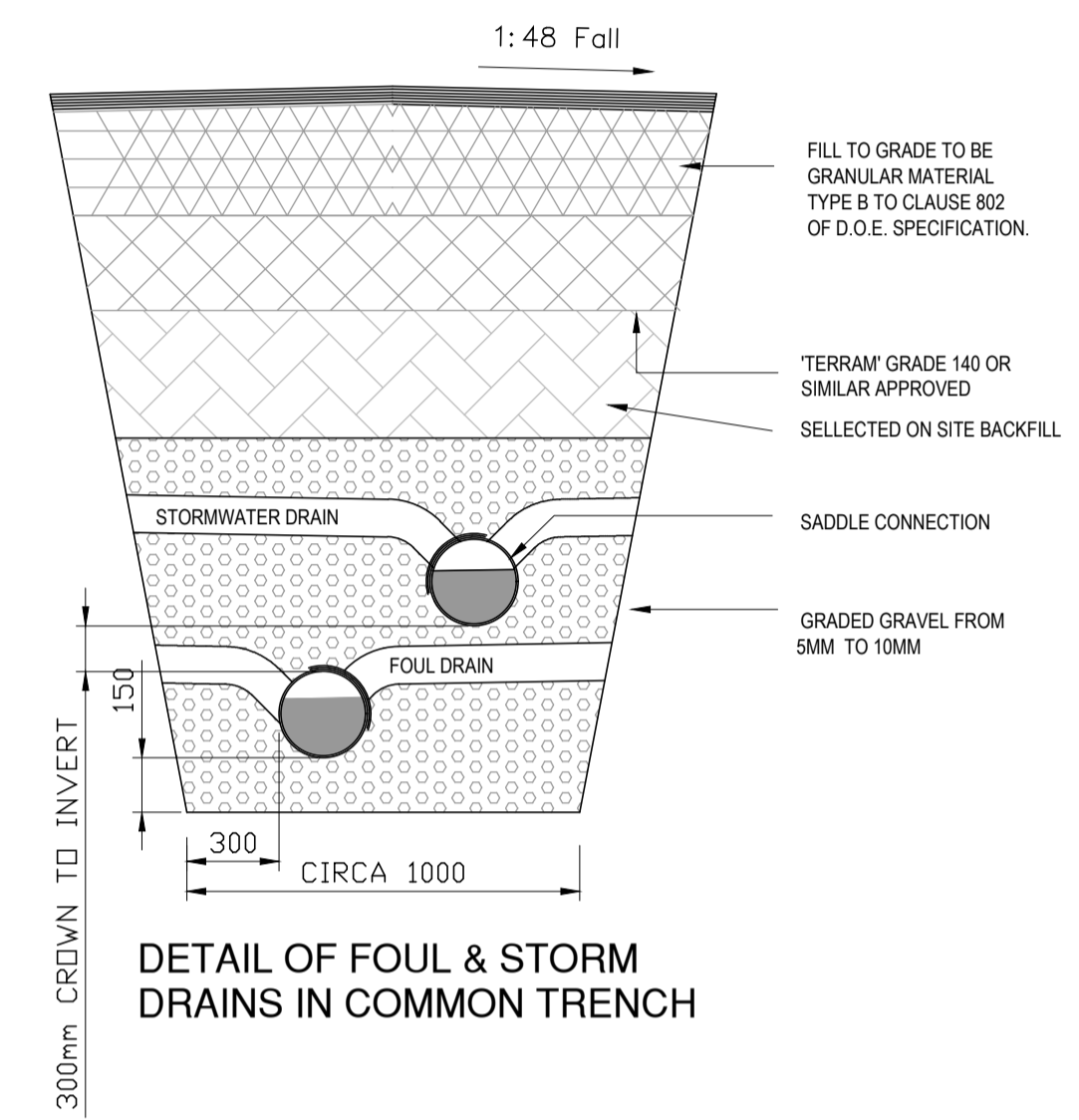


LEVELS CLOUDED TO BE CONFIRMED

ALL WASTEWATER DETAILS ARE TO COMPLY WITH AND BE ADOPTED FROM THE IRISH WATER - CONNECTION AND DEVELOPER SERVICES DOCUMENT FOR WASTEWATER INFRASTRUCTURE STANDARD DETAILS. REF TO IRISH WATER DOCUMENT No IW-CDS-5030-01  
 CONTRACTOR IS ALSO TO REFER TO THE CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE DOCUMENT, CONNECTIONS AND DEVELOPER SERVICES, DESIGN AND CONSTRUCTION REQUIREMENTS FOR SELF LAY DEVELOPMENTS DOCUMENT IW-CDS-5030-03

PIPE COVER CHART: WITHOUT CONCRETE ENCASEMENT	
LOCATION:	MIN COVER:
SEWERS IN ROAD	1200
SEWERS IN OPEN SPACES	-
NOT ADJACENT TO ROADS	900
SEWERS IN GARDENS	600
WATERMANS ALL LOCATIONS	900
WATER SERVICES ALL LOCATIONS	900
ELECTRIC CABLE DUCTS IN ROADWAY	900
ELECTRIC CABLE DUCTS IN FOOTPATHS	500
NATURAL GAS MAINS IN ROADWAYS	800
NATURAL GAS MAINS IN FOOTPATHS	600
TELECOM DUCTS IN ROADWAYS	750
TELECOM DUCTS IN FOOTPATHS	350
CABLE TV DUCTS IN ROADS & FOOTPATHS	450

- GENERAL NOTES:**
- 1) ALL FOUL SEWER PIPES TO BE uPVC & COMPLY WITH THE PROVISIONS IS EN 1401 2009/2012. PIPES TO BE APPLICATION AREA CODE 'UD' STIFFNESS CLASS 8kN/m<sup>2</sup> (SN8), WITH A JETTING RESISTANCE OF 2000 psi (180 Bar).
  - 2) ALL PIPES TO BE A MINIMUM DISTANCE OF 1m (TO FACE) FROM ROAD KERB.
  - 3) ALL MANHOLES TO BE A MINIMUM DISTANCE OF 0.5m FROM THE KERB.
  - 4) LOCATION OF ALL FOUL DRAINAGE IS INDICATIVE / REPRESENTATIVE ONLY. EXACT SET OUT OF FOUL DRAINAGE TO BE LOCATED ON SITE IN ACCORDANCE WITH IRISH WATER DETAILS.
  - 5) MINIMUM SEPARATION OF ALL SERVICES ON SITE TO BE AS PER IRISH WATER DETAIL STD-W-05
  - 6) MINIMUM OF 3M SEPARATION TO ALL WASTEWATER NETWORK FROM PROPERTIES
  - 7) ALL INSPECTION CHAMBERS FOR PROPERTIES TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER TYPICAL DETAILS. PLEASE REF STD-WW-02 & STD-WW-03
  - 8) WHERE MANHOLE COVERS TO BE LOCATED IN SOFT LANDSCAPED/GRASS AREAS, TO ENSURE THAT ALL MANHOLE COVERS ARE IDENTIFIABLE, ACCESSIBLE AND WILL NOT BECOME OVERGROWN, COVERS ARE TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL.
- WATER TEST:**
- 8) FOUL & STORM SEWERS SHOULD BE TESTED FOR A MIN OF 30 MINUTES, UNDER A HEAD OF NOT LESS THAN 1M OR GREATER THAN 2.5M OVER THE HIGHEST POINT ON THE LINE UNDER TEST; THE PIPELINE SHOULD 'STAND' FOR A PERIOD 2 HOURS AFTER FILLING AND TOPPED UP AS NECESSARY BEFORE COMMENCING THE TEST. THE MAXIMUM AMOUNT OF WATER LOSS SHOULD BE IN ACCORDANCE WITH LOCAL AUTHORITY GUIDELINES
  - 9) AN AIR TEST MAY BE CARRIED OUT IN LIEU OF THE ABOVE AND IN ACCORDANCE WITH LOCAL AUTHORITY GUIDELINES
  - 10) AT TIME OF COMPLETION THE DEVELOPER SHOULD ENSURE THAT ALL DRAINS WITHIN THE SITE ARE CLEAN AND FREE OF OBSTRUCTIONS
  - 11) A CONDITION SURVEY SHOULD ALSO BE CARRIED OUT VIA CCTV FOOTAGE AND PRESENTED TO THE LOCAL AUTHORITY PRIOR TO SITE HANDOVER



PROPOSED FOUL LAYOUT PLAN  
SCALE 1:500

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REV	BY	CHKD	DATE	DESCRIPTION
0	SC	KC	08.07.21	ISSUED FOR IW PRE-CONNECTION ENQUIRY
1	SC	KC	16.07.21	ISSUED FOR PRE-PLANNING
2	SC	KC	06.10.21	ISSUED FOR PRE-APPLICATION
3	KL	KC	27.04.22	ISSUED FOR IRISH WATER STATEMENT OF DESIGN ACCEPTANCE
4	KL	KC	28.04.22	IRISH WATER COMMENTS INCORPORATED
5	KL	KC	05.05.2022	ISSUED FOR PLANNING APPLICATION

PROJECT			
CARRAIGALINE SHD, CORK			
DRG. TITLE			
SITE SERVICES			
FOUL LAYOUT			
SCALE	DRAWN BY	CHECKED BY	APPROVED BY
AS SHOWN (@ A1)	SC	KC	KC

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DRAWING: LY05-V1-XXX-DR-HLCE-CE-0002

HL PROJECT REF.	STATUS	REVISION
LY05	P1	5