



GENERAL NOTES:

ALL STORM & 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/m² (SN8), WITH A JETTING RESISTANCE OF 2500 psi (180 Bar).

ALL PIPES TO BE A MINIMUM DISTANCE OF 1m (TO FACE) FROM ROAD KERB.

ALL MANHOLES TO BE A MINIMUM DISTANCE OF 0.5m FROM THE KERB.

LOCATION OF ALL STORM DRAINAGE IS INDICATIVE / REPRESENTATIVE ONLY.

EXACT SET OUT OF FOUL DRAINAGE TO BE LOCATED ON SITE IN ACCORDANCE WITH IRISH WATER DETAILS.

WATER TEST:

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.

AN AIR TEST MAY BE CARRIED OUT IN LIEU OF THE ABOVE AND IN ACCORDANCE WITH LOCAL AUTHORITY GUIDELINES

AT TIME OF COMPLETION THE DEVELOPER SHOULD ENSURE THAT ALL DRAINS WITHIN THE SITE ARE CLEAN AND FREE OF OBSTRUCTIONS A CONDITION SURVEY SHOULD ALSO BE CARRIED OUT VIA CCTV FOOTAGE AND PRESENTED TO THE LOCAL AUTHORITY PRIOR TO SITE HANDOVER.

ALL EXISTING MANHOLE AND GULLY COVERS LOCATED IN AREAS WHERE THE SURFACE IS BEING REPLACED, SHOULD BE TAKEN UP AND RE-BEDDED IN A C40/50 CONCRETE SURROUND 150mm WIDE x 150mm DEEP AND SET LEVEL WITH NEW SURFACES.

SURFACE RELAYED TO MATCH EXISTING FALLS & SITE LEVELS. ADJUST FALLS LOCALLY TO ASSIST RUN-OFF TO GULLIES WHERE POSSIBLE.

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		600
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

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

PROPOSED FOUL DRAINAGE LAYOUT PLAN
SCALE 1:200

LEGEND

- SITE BOUNDARY
- F1 FOUL MANHOLE
- EXISTING FOUL SEWER
- NEW FOUL SEWER

REV	BY	CHKD	DATE	DESCRIPTION
0	KL	NF	30.08.24	ISSUED FOR PART 8 PLANNING APPLICATION
1	KL	NF	11.12.24	RE-ISSUED FOR PART 8 PLANNING
2	KL	NF	19.03.25	RE-ISSUED FOR PART 8 PLANNING

PROJECT
RESIDENTIAL DEVELOPMENT AT COONEYS LANE, GRANGE CORK

DRG. TITLE
PROPOSED FOUL DRAINAGE LAYOUT

SCALE
AS SHOWN (@ A1)

DRAWN BY
KL

CHECKED BY
NF

APPROVED BY
NF

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DWG: KC13-V1-XXX-DR-HLCE-CE-0002	HL PROJECT REF: KC13	STATUS P3	REVISION 2
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