

**NOTE:** CONTRACTOR IS TO REFER TO REVISION 4 OF THE IRISH WATER STANDARD DETAILS DATED JULY 2020 FOR WASTEWATER INFRASTRUCTURE DETAILS. THIS BOOKLET HAS BEEN INCLUDED IN PART OF THE CIVIL/STRUCTURAL PACKAGE.

EXISTING HOUSING & ROADS LAYOUT

IN ABEYANCE PENDING FEASIBILITY

Granard

Exstg. FW00  
C.L : 131.200  
I.L : 129.100

SMH 01  
C.L : 131.639  
I.L : 130.019

EXISTING HOUSING (INDICATIVE ONLY)

SMH 02  
C.L : 130.739  
I.L : 129.024

SMH 02A  
C.L : 130.999  
I.L : 129.995

SMH 02B  
C.L : 130.983  
I.L : 129.981

SMH 02B  
C.L : 130.983  
I.L : 129.981

EXISTING 225mm Ø uPVC

Foul Ref. F02  
C.L : 131.250  
I.L : 130.000

Foul Ref. F 01  
C.L : 130.823  
I.L : 129.315

SW Ref. S01  
C.L : 131.600  
I.L : 129.800

Exstg. SW Ref. E  
C.L : 131.250  
I.L : 129.669

#### NOTES:-

ALL WORKS TO BE CARRIED OUT TO IRISH WATER CODE OF PRACTICE DOCUMENT CDS-5030-03

FOUL WASTE WATER LAYOUT TO BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-02 REGARDING GENERAL LAYOUT.

ALL FOUL WASTEWATER DRAINAGE PIPE WORK, INCLUDING SERVICE CONNECTIONS TO COMPLY WITH SECTION 3.6 OF I.W. CODE OF PRACTICE REGARDING PIPE WORK GRADIENTS.

ALL FOUL WASTEWATER PIPE WORK MATERIAL TO COMPLY WITH SECTION 3.13 OF THE IRISH WATER CODE OF PRACTICE.

ALL MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH I.W. STD-WW-10 and I.W. STD-WW-12.

WHERE FOUL AND SURFACE WATER MANHOLES AREA ADJACENT THEIR POSITIONS SHOULD BE STAGGERED TO ALLOW FOR CROSSING OVER OF SEWERS AS PER SECTION 3.5.13 OF I.W. CODE OF PRACTICE.

WHERE 0.3m SEPERATION DISTANCE CANNOT BE ACHIEVED BETWEEN FOUL AND STORM PIPES, THE PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

ALL WASTEWATER PIPE WORK SHALL BE INSTALLED IN ACCORDANCE WITH I.W. STD-WW-05, STD-WW-06, AND STD-WW-06A REGARDING SEPARATION DISTANCES.WHERE SEPARATION DISTANCES CANNOT BE ACHIEVED, PIPES SHALL BE SURROUND IN LEAN MIX CONCRETE.

INSPECTION CHAMBERS TO BE INSTALLED ON ALL CONNECTIONS FROM FOUL AND SURFACE WATER SEWER WITHIN INDIVIDUAL PROPERTIES IN ACCORDANCE WITH I.W. STD-WW-03-1 IN COMPLIANCE WITH IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS

FOUL SEWER DROP MANHOLES TO BE INSTALLED TO IW WASTEWATER CODE OF PRACTICE STANDARD DETAIL STD-WW-12.

HDPE TWINWALL PIPES TO BE USED FOR ALL STORM SEWER PIPES UNLESS OTHERWISE SPECIFIED. ALL FOUL SEWER PIPES TO BE IN ACCORDANCE WITH IRISH WATER CODES OF PRACTICE.

PIPES ARE TO BE BBA (BRITISH BOARD OF AGRÉMENT) OR SIMILAR APPROVED AND HAPAS (HIGHWAYS AGENCY PRODUCT APPROVAL SCHEME) OR SIMILAR CERTIFIED.

WHERE 0.9m COVER TO THE ROADWAY CANNOT BE ACHIEVED, PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

#### NOTES

##### GENERAL NOTES:

- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
- ENGINEER TO BE INFORMED OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.

##### LEGEND

- SITE BOUNDARY shown thus
- PROPOSED 1200MM D400 STORM MANHOLE shown thus
- PROPOSED STORM WATER NETWORK shown thus
- PROPOSED 1200MM D400 FOUL MANHOLE shown thus
- PROPOSED FOUL NETWORK shown thus
- PROPOSED SURFACE WATER CONNECTIONS shown thus
- PROPOSED FOUL WATER CONNECTIONS shown thus
- PROPOSED STORM/FOUL WATER AJs shown thus
- PROPOSED STORM/FOUL WATER BOUNDARY BOX TO IW-STD-WW-13 shown thus
- PROPOSED ROAD GULLIES shown thus
- CONCRETE SURROUND shown thus
- EXISTING FOUL NETWORK shown thus



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client

**AN LONG FORT**  
CONNECTION  
Longford County Council

Project

PROPOSED RESIDENTIAL DEVELOPMENT & ASSOCIATED WORKS AT CNOC NA GREINE, GRANARD, CO. LONGFORD

Stage

PUBLIC CONSULTATION

Title

PROPOSED STORM AND FOUL SEWER LAYOUT  
SHEET 2 of 2

Scale

1:500 @ A3

Surveyed OSI, JOD Drawn RM KK Checked EM Date OCT '24

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#### FOUL PIPE SCHEDULE

PIPE REFERENCE	SIZE Ø (mm)	SLOPE (1:xx)	LENGTH (m)	PIPE TYPE
FP01	225	60	63.2	PVC-U
FP02	225	60	103.2	PVC-U
FP03	225	45	17.9	PVC-U
FP04	225	60	10.1	PVC-U
FP05	225	59.8	14.7	PVC-U

#### STORM PIPE SCHEDULE

PIPE REFERENCE	SIZE Ø (mm)	SLOPE (1:xx)	LENGTH (m)	PIPE TYPE
SP01	225	30.6	12.3	HDPE TWINWALL
SP02	300	143.1	18.7	HDPE TWINWALL
SP03	300	58.4	14.6	HDPE TWINWALL
SP04	300	79.3	15.9	HDPE TWINWALL
SP05	225	52.6	15.8	HDPE TWINWALL
SP ATN	300	41.4	18.6	HDPE TWINWALL