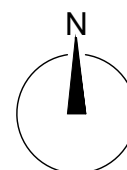


**NOTE:** CONTRACTOR IS TO REFER TO REVISION 4 OF THE IRISH WATER STANDARD DETAILS DATED JULY 2020 FOR WASTEWATER INFRASTRUCTURE DETAILS. THIS BOOKLET HAS BEEN INCLUDED IN PART OF THE CIVIL/STRUCTURAL PACKAGE.



**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 SEPERATION DISTANCES.WHERE SEPERATION 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:**

- 1 FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- 2 ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
- 3 ENGINEER TO BE INFORMED OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
- 4 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 1200MM D400 FOUL MANHOLE shown thus	●
PROPOSED STORM WATER NETWORK shown thus	SP XX
PROPOSED FOUL NETWORK shown thus	FP XX
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	⊕ ⊕
EXISTING SURFACE NETWORK shown thus	---
EXISTING FOUL NETWORK shown thus	---

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**Ordnance Survey**  
National Mapping Agency

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client

**AN LONG FORT**  
Granard, Co. Longford  
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

Scale

1:500 @ A3

Surveyed	Drawn	Checked	Date
OSI, JOD	KK RM	LR	OCT 24

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drawing no.

6764-JOD-ZZ-XX-DR-A-7003

revision

P.01

FOUL PIPE SCHEDULE			
PIPE REFERENCE	SIZE Ø (mm)	SLOPE (1:xx)	LENGTH (m)
FP01	150	60	39.4
FP02	225	25	25.0
FP03	225	38	27.0

STORM PIPE SCHEDULE			
PIPE REFERENCE	SIZE Ø (mm)	SLOPE (1:xx)	LENGTH (m)
SP01	225	20.4	12.3
SP02	300	143.1	18.7
SP03	300	58.4	14.6
SP04	300	79.3	15.9
SP05	225	41.9	15.7
SPATN	300	41.4	18.6