



**NOTES**

**GENERAL NOTES:**

- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
- ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
- THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
- ALL LEVELS SHOWN RELATE TO ORDINANCE SURVEY DATUM AT MALIN HEAD.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS. CONTRACTOR TO VERIFY THE ACCURACY OF THIS PROPOSAL TO THE ENGINEER AND ALLOW FOR MINOR CORRECTIONS AS DEEMED NECESSARY WITH A REASONABLE TIMEFRAME.

**LEGEND**

SITE BOUNDARY shown thus	
PROPOSED SURFACE WATER CONNECTIONS shown thus	
PROPOSED FOUL MANHOLE shown thus	
PROPOSED FOUL NETWORK shown thus	
EXISTING FOUL MANHOLE shown thus	
EXISTING FOUL NETWORK shown thus	
EXISTING GROUND LEVELS shown thus	
WATERMAIN SUPPLY Ø 110mm OUTSIDE DIAMETER PE100 JDR1, PIPE MATERIAL SHALL BE IN COMPLIANCE WITH IRISH WATER SECTION 3.9 OF THE CODE OF PRACTICE.	
PROPOSED WATER SUPPLY CONNECTION WITH BOUNDARY BOX TO I.W. STD-W-03 shown thus	
FIRE HYDRANT TO I.W. STD-W-18/19 shown thus (1 No. Hyd)	
SLUICE VALVE TO I.W. STD-W-15-2 shown thus (4 No. SV's)	
BULK FLOW METER To Incl. Kiosk TO STD-W-36 AND METER CHAMBER TO STD-W-26 shown thus	
EXISTING 315mm HDPE WATERMAIN shown thus	
EXISTING RISING MAIN	
PROPOSED RISING MAIN	

Site Area:-  
1244 m<sup>2</sup>, 0.3074 Acres, 0.1244 Hectares  
ITM Co-Ordinates of site:-  
463903, 804757

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OS Sheet No.  
1641, 1642, 1710, 1711

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client Comhairle Contae Mhaigh Eo  
Mayo County Council

project  
PROPOSED DEVELOPMENT AT KEEL SANDYBANKS, ACHILL ISLAND, CO. MAYO

stage  
PLANNING

title  
SERVICES LAYOUT PLAN (SHEET 1 OF 2)

scale  
1:1000 @ A1

surveyed	drawn	checked	date
JOD	AP	MF	Aug 2022

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**Water Infrastructure Standard Details**

Connections and Developer Services

Construction Requirements for Self-Lay Developments  
July 2020 (Revision 4)

Document IW-CDS-5030-01

**Wastewater Infrastructure Standard Details**

Connections and Developer Services

Design and Construction Requirements for Self-Lay Developments  
July 2020 (Revision 4)

Document WW-CDS-5810-01

**NOTE: CONTRACTOR IS TO REFER TO REVISION 4 OF THE IRISH WATER STANDARD DETAILS DATED JULY 2020 FOR WATER INFRASTRUCTURE DETAILS.**

**NOTE: CONTRACTOR IS TO REFER TO REVISION 4 OF THE IRISH WATER STANDARD DETAILS DATED JULY 2020 FOR WASTEWATER INFRASTRUCTURE DETAILS.**

**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 STORM SEWER UNLESS OTHERWISE SPECIFIED. 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.

PVC-U PIPES TO BE USED FOR FOUL SEWER UNLESS OTHERWISE SPECIFIED. WHERE 1.2m COVER TO THE ROADWAY CANNOT BE ACHIEVED, PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

Pumping Station  
C.L. : 6.300  
I.L. : 3.800