



STORM NETWORK						STORM STRUCTURE TABLE				
Pipe Name	Size	Length	Slope	US IL	DS IL	Structure Name	Easting	Northing	Cover Level	Connected Pipes
1.000	300	2.072	1:200	36.800	36.790	S1	571148.021	686686.645	37.830	1.000 Inv. 36.800
1.001	225	2.490	1:100	35.530	35.505	S2	571128.620	686679.122	38.500	1.001 Inv. 35.505
1.002	225	20.620	1:21	35.505	34.523	S4	571163.540	686636.453	33.085	1.002 Inv. 35.505
2.001	225	13.360	1:200	31.605	31.538	S5	571140.829	686655.838	33.085	2.001 Inv. 31.605
2.000	1050	29.859	1:300	31.705	31.605	S6	571127.741	686658.520	35.640	1.002 Inv. 34.523
STank Inlet							571146.749	686688.281	37.112	1.000 Inv. 36.790
STank Outlet							571130.823	686680.283	35.774	1.001 Inv. 35.530

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES.  
VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.  
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION.  
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NOTES

- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL SERVICES AND ENGINEERING DRAWINGS.
- ALL LEVELS ARE IN METRES RELATED TO DATUM: ORDNANCE DATUM MALIN HEAD  
REFERENCE SYSTEM: IRISH TRANSVERSE MERCATOR (ITM)  
GEOID: OSGM15
- ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
- ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- DRAWINGS ARE NOT TO BE SCALED.
- AERIAL IMAGERY, WHEN USED, IS SOURCED FROM MICROSOFT BING MAPS THROUGH THE OPEN LICENSING AGREEMENT WITH AUTODESK.

LEGEND	
	PROPOSED STORM DRAINAGE PIPE. THE CONTRACTOR SHALL REFER TO WORKS REQUIREMENTS AND TII STANDARD CONSTRUCTION DETAILS REF:CC-SCD-00521
	PROPOSED FOUL DRAINAGE PIPES TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS AND CODE OF PRACTICE
	PROPOSED 100MM DIA LAND DRAIN REFER TO DRAWING 22935-MWP-01-XX-DR-C-2405
	PROPOSED 150MM DIA HDPE STORM DRAINAGE CONNECTOR PIPE IN ACCORDANCE WITH TII STANDARD CONSTRUCTION DETAILS REF:CC-SCD-00521
	PROPOSED 80MM DIA FOUL RISING MAIN
	EXISTING STORM DRAIN TO BE RETAINED
	PROPOSED CHANNEL DRAIN
	PROPOSED PCC FOUL MANHOLE TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-WW-10
	PROPOSED FOUL ACCESS JUNCTION
	PROPOSED PCC STORM MANHOLE. MANHOLE CONSTRUCTION TO BE BUILT IN ACCORDANCE WITH TII STANDARD CONSTRUCTION DETAILS REF: CC-SCD-00504
	PROPOSED STORM ACCESS JUNCTION IN ACCORDANCE WITH TGD PART H AND I.S. EN 13598-2
	PROPOSED FOUL ACCESS JUNCTION IN ACCORDANCE WITH TGD PART H AND I.S. EN 13598-2
	PROPOSED CELLULAR ATTENUATION TANK
	PROPOSED CULVERT
	PROPOSED WATERMAIN
	EXISTING WATERMAIN
	PROPOSED HYDRANT
	PROPOSED SLUICE VALVE
	PROPOSED WATER METER

NOTE

CONCRETE ENCASMENT REQUIRED WHERE COVER IS LESS THAN;  
900mm - FOOTPATHS  
1200mm - ROADS  
ENCASMENT TO BE IN ACCORDANCE WITH UISCE EIREANN STANDARD DETAILS AND CODE OF PRACTICE

PROPOSED CELLULAR ATTENUATION TANK.  
TANK INVERT = 35.530mm  
TANK HEIGHT = 1.2m  
TANK AREA = 60m²  
EFFECTIVE STORAGE VOLUME REQUIRED = 68.4m³

S2  
PROPOSED MANHOLE TO BE FITTED WITH HYDROBRAKE.  
MAX FLOW = 2 l/s

S6  
EXISTING MANHOLE TO BE REMOVED AND REPLACED.  
MANHOLE INVERT LEVEL = 31.83m.  
MANHOLE TO BE FITTED WITH NON RETURN VALVES ON INLETS

EXISTING PIPE TO BE REPLACED. DETAILED DESIGN TO OCCUR FOLLOWING FURTHER SITE INVESTIGATION WORKS

S5  
PROPOSED MANHOLE TO BE FITTED WITH HYDROBRAKE.  
MAX FLOW = 4.65 l/s.  
MANHOLE TO INCLUDE PENSTOCK VALVE ON INLET

S2.000  
PROPOSED 1000mm WIDE x 600mm DEEP BOX CULVERT

EXISTING FOUL TREATMENT PLANT

PROPOSED FOUL PUMPING STATION

NOTE

REFER TO ARCHITECT'S DRAWING FOR REDLINE BOUNDARY

P02 05/12/24	ISSUED FOR INFORMATION	S.S.	I.B.
P01 29/11/24	ISSUED FOR INFORMATION	S.S.	D.C.
REV	DATE	DESCRIPTION	BY APP
PROJECT:			
INIS CEALTRA VISITOR TOURISM EXPERIENCE PROJECT			
TITLE:			
PROPOSED VISITOR CENTER DRAINAGE LAYOUT			
CLIENT:			
COMHAIRLE CONTAE AN CHLÁIR CLARE COUNTY COUNCIL			
ENGINEERING AND ENVIRONMENTAL CONSULTANTS CORK   TRALEE   LONDON   LIMERICK mwp.ie			
DRAWN:	CHECKED:	APPROVED:	
S.S.	A.O'D.	D.C.	
PROJECT NUMBER:	DATE:	SCALE @ A1:	
21760	AUG '24	1:500	
STATUS DESCRIPTION			STATUS:
FOR INFORMATION			S2
DRAWING NUMBER:			REV:
21760 - MWP - 00 - 00 - DR - C - 2130			P02