



FOUL STRUCTURE TABLE					FOUL NETWORK						STORM NETWORK						STORM STRUCTURE TABLE				
Name	Easting	Northing	Cover Level	Connected Pipes	Pipe Name	Size	Length	Slope	US IL	DS IL	Pipe Name	Size	Length	Slope	US IL	DS IL	Structure Name	Easting	Northing	Cover Level	Connected Pipes
F4	676378.849	737865.178	80.800	1,002 Inv. 79.583 1,001 Inv. 79.583 2,000 Inv. 79.583	1,000	150	3.411	1.60	80.200	80.143	1,000	150	19.424	1:120	80.300	80.138	S4	676403.436	737889.270	80.900	1,002 Inv. 79.903 1,001 Inv. 79.903 2,000 Inv. 79.903
FIC1	676389.265	737897.279	80.900	1,000 Inv. 80.200	1,001	150	33.571	1.60	80.143	79.583	1,001	150	25.851	1:110	80.138	79.903					1,003 Inv. 79.630 1,002 Inv. 79.765 3,002 Inv. 79.765
FIC2	676392.385	737895.900	80.900	1,001 Inv. 80.143 1,000 Inv. 80.143	2,000	150	15.562	1.60	79.842	79.583	2,000	150	19.378	1:90	80.118	79.903	S9	676396.387	737874.265	80.800	1,003 Inv. 79.630 1,002 Inv. 79.765 3,002 Inv. 79.765
FIC3	676364.690	737871.636	80.900	2,000 Inv. 79.842	1,002	150	5.785	1.60	79.583	79.487	1,002	225	16.579	1:120	79.903	79.765					1,004 Inv. 79.448 1,003 Inv. 79.448
FO_F (1)	676384.093	737862.733	79.644	1,002 Inv. 79.487							3,000	150	12.313	1:100	80.300	80.177	S10	676387.080	737854.517	80.800	1,004 Inv. 79.448 1,003 Inv. 79.448
											3,001	150	14.824	1:100	80.177	80.029	S11	676408.727	737844.720	80.800	1,005 Inv. 79.250 1,004 Inv. 79.250
											4,000	150	12.248	1:72	80.200	80.030					1,005 Inv. 79.250 1,004 Inv. 79.250
											3,002	150	19.357	1:74	80.029	79.765	S12	676423.717	737838.130	80.800	1,006 Inv. 79.114 1,005 Inv. 79.114
											1,003	300	21.831	1:120	79.630	79.448					1,006 Inv. 79.114 1,005 Inv. 79.114
											1,004	300	23.761	1:120	79.448	79.250	S13	676420.217	737830.244	80.800	1,007 Inv. 79.096 1,006 Inv. 79.096
											1,005	300	16.374	1:120	79.250	79.114	SIC1	676388.300	737917.745	80.900	1,000 Inv. 80.300
											1,006	300	8.628	1:500	78.114	79.096					1,001 Inv. 80.138 1,000 Inv. 80.138
											1,007	225	16.342	1:120	79.096	78.960	SIC2	676380.002	737900.183	80.900	2,000 Inv. 80.118
																	SIC3	676411.562	737906.862	80.900	3,000 Inv. 80.300
																	SIC5	676361.438	737873.926	80.900	3,001 Inv. 80.177 3,000 Inv. 80.177
																					SIC6
																	SIC7	676367.680	737887.484	80.900	3,002 Inv. 80.029 3,001 Inv. 80.029 4,000 Inv. 80.030
																	SIC8	676378.813	737882.379	80.900	1,007 Inv. 78.960
																	SO_F (1)	676414.925	737814.783	79.196	

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 IS 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 ORDNANCE DATUM MALIN HEAD.
 - ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - DRAWINGS ARE NOT TO BE SCALED.
 - ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

- GENERAL LEGEND
- LANDHOLDING BOUNDARY
 - PLANNING BOUNDARY

- DRAINAGE LEGEND
- PROPOSED STORM DRAINAGE PIPE. THE CONTRACTOR SHALL REFER TO WORKS REQUIREMENTS AND TII STANDARD CONSTRUCTION DETAILS REF: CC-SCD-00521
 - PROPOSED STORM INSPECTION CHAMBER
 - PROPOSED PCC STORM MANHOLE. MANHOLE CONSTRUCTION TO BE BUILT IN ACCORDANCE WITH TII STANDARD CONSTRUCTION DETAILS REF: CC-SCD-00504
 - PROPOSED HEADWALL
 - PROPOSED CELLULAR ATTENUATION TANK
 - PROPOSED LAND DRAIN TO BE PIPED AND RE-ROUTED
 - PROPOSED BYPASS PETROL INTERCEPTOR
 - PROPOSED FOUL DRAINAGE PIPES TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS AND CODE OF PRACTICE
 - PROPOSED PCC FOUL MANHOLE TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-WW-10
 - PROPOSED FOUL INSPECTION CHAMBER
 - FILL EMBANKMENT
 - CUT EMBANKMENT
 - PROPOSED ACCESS TRACK
 - PARKING
 - 110KV UNDERGROUND CABLE
 - CONCRETE ACCESS ROAD
 - GRAVEL ACCESS ROAD
 - SPOT LEVELS

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CYAL50332198.

OSI SHEET NO: 3122-C, 3122-D, 3187-A, 3187-B, 3188-A, 3188-B, 3187-C, 3187-D, 3188-C, 3188-D, 3253-A, 3253-B, 3253-C & 3253-D

P08 10-06-25	ISSUED FOR INFORMATION	SR	IB
P07 15-06-25	ISSUED FOR INFORMATION	SR	IB
P06 16-05-25	ISSUED FOR INFORMATION	SR	IB
P05 22-05-25	ISSUED FOR INFORMATION	S.R.	I.B.
P04 18-02-25	ISSUED FOR INFORMATION	S.R.	I.B.
P03 15-10-24	ISSUED FOR INFORMATION	O.R.	I.B.
P02 03-10-24	ISSUED FOR INFORMATION	S.S.	I.B.
P01 04-09-24	ISSUED FOR INFORMATION	R.H.	I.B.
REV	DATE	DESCRIPTION	BY

PROJECT: DREHID SUBSTATION

TITLE: PROPOSED STORM DRAINAGE LAYOUT

CLIENT: NORTH KILDARE WF LTD.

MWP

ENGINEERING AND ENVIRONMENTAL CONSULTANTS

CORK | TRALEE | LONDON | LIMERICK

mwp.ie

DRAWN: R.H.

CHECKED: D.C.

APPROVED: I.B.

PROJECT NUMBER: 23727

DATE: SEPT' 2024

SCALE @ A1: 1 : 500

STATUS DESCRIPTION: FOR INFORMATION

STATUS: S2

DRAWING NUMBER: 23727 - MWP - 00 - 00 - DR-C- 2100

REV: P08

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