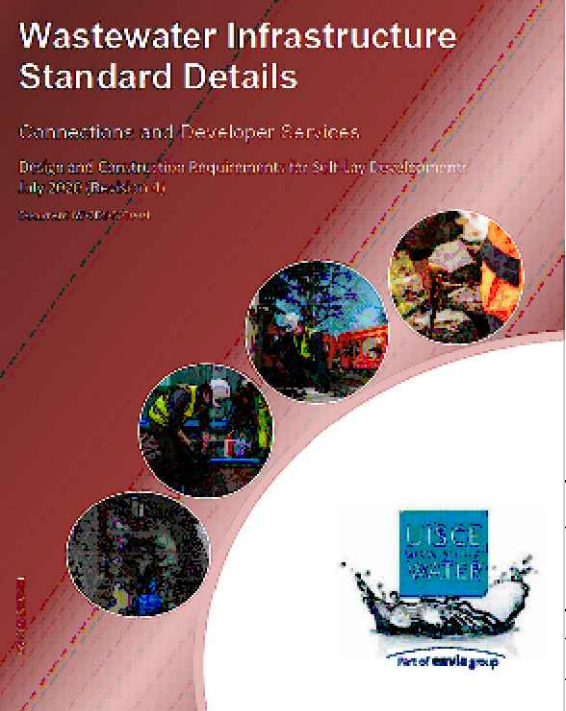
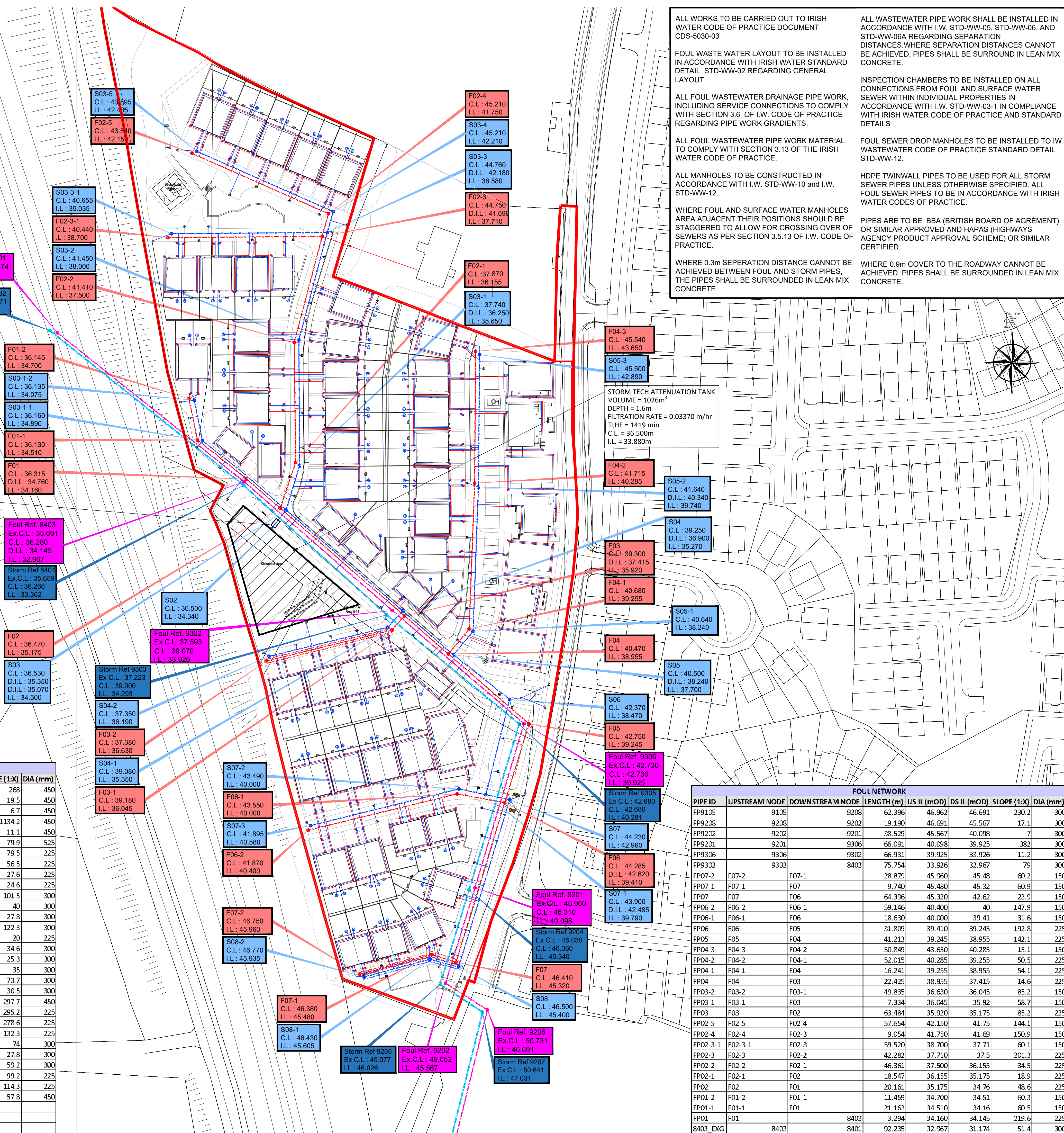




NOTE: CONTRACTOR IS TO REFER TO REVISION 4 OF THE IRISH WATER STANDARD DETAILS DATED JULY 2020 FOR WASTEWATER INFRASTRUCTURE DETAILS. THIS BOOKLET HAS BEEN INCLUDED IN PART OF THE CIVIL/STRUCTURAL PACKAGE.

STORM NETWORK							
PIPE ID	UPSTREAM NODE	DOWNSTREAM NODE	LENGTH (m)	US IL (mOD)	DS IL (mOD)	SLOPE (1:X)	DIA (mm)
P9103	S 9103	S 9207	61.904	47.262	47.031	268	450
P9207	S 9207	S 9205	19.562	47.031	46.026	19.5	450
P9205	S 9205	S 9204	38.083	46.026	40.340	6.7	450
P9204	S 9204	S 9305	66.920	40.340	40.281	1134.2	450
P9305	S 9305	S 9303	66.304	40.281	34.293	11.1	450
P9303	S 9303	S 8404	74.428	34.293	33.362	79.9	525
P08-2	S08-2	S08-1	26.234	45.935	45.605	79.5	225
P08-1	S08-1	S08	11.576	45.605	45.400	56.5	225
P08	S08	S07	67.360	45.400	42.960	27.6	225
P07	S07	S07-1	11.671	42.960	42.485	24.6	225
P07-3	S07-3	S07-2	58.894	40.580	40.000	101.5	300
P07-2	S07-2	S07-1	8.390	40.000	39.790	40	300
P07-1	S07-1	S06	36.703	39.790	38.470	27.8	300
P06	S06	S05	28.135	38.470	38.240	122.3	300
P05-3	S05-3	S05-2	50.919	42.890	40.340	20	225
P05-2	S05-2	S05-1	51.965	39.740	38.240	34.6	300
P05-1	S05-1	S05	15.191	38.240	37.700	25.3	300
P05	S05	S04	25.891	37.700	36.900	35	300
P04-2	S04-2	S04-1	47.190	36.190	35.550	73.7	300
P04-1	S04-1	S04	8.547	35.550	35.270	30.5	300
P04	S04	S03	59.532	35.270	35.070	297.7	450
P03-5	S03-5	S03-4	57.572	42.405	42.210	295.2	225
P03-4	S03-4	S03-3	8.359	42.210	42.180	278.6	225
P03-3-1	S03-3-1	S03-3	60.192	39.035	38.580	132.3	225
P03-3	S03-3	S03-2	42.932	38.580	38.000	74	300
P03-2	S03-2	S03-1	48.570	38.000	36.250	27.8	300
P03-1	S03-1	S03	17.773	35.650	35.350	59.2	300
P03-1-2	S03-1-2	S03-1-1	8.432	34.975	34.890	99.2	225
P03-1-1	S03-1-1	S03	44.581	34.890	34.500	114.3	225
P03	S03	S02 (Infiltration tank)	9.251	34.500	34.340	57.8	450

KLARGESTER NSBE040 PETROL INTERCEPTOR OR EQUAL APPROVED



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-08A 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.

STORM TECH ATTENUATION TANK
VOLUME = 1026m³
DEPTH = 1.6m
FILTRATION RATE = 0.03370 m/hr
TtHE = 1419 min
C.L. = 36.500m
I.L. = 33.880m

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/FOUL MANHOLE shown thus	
PROPOSED DROPPED INVERT 1200MM D400 STORM/FOUL MANHOLE shown thus	
PROPOSED CONCRETE SURROUND FOR LOW COVER STORM/FOUL PIPES shown thus	
PROPOSED STORM WATER NETWORK 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	
EXISTING STORM WATER PIPE shown thus	
EXISTING FOUL WATER PIPE shown thus	

Red Line Area:-
37,960 m² 3.796 Hectares

ITM Co-Ordinates of site:- 568884, 834363
Irish Grid Co-Ordinates: 168926, 334357

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OS Ireland Map No. 1012-17, 1012-22, 1012-C

P.04	Revised Site Layout	PC	EM	EM	29.04.24
P.03	Revised Site Layout	KK	EM	EM	24.04.24
P.02	Issued for PLANNING	PC	EM	EM	22.03.23
P.01	Issued for LRD	PC	EM	EM	05.10.23
Rev.	Modifications	By	Chkd	Aprvd	Date
Layout Ref.:	P:\jod-jobs\6736 Burkes Cornageeha\700 Drawings\703 Planning\01 WIP\6736-JOD-XX-ZZ-DR-C-200-001-SFWF Layout.dwg				

Client
JOHN WALTER BURKE

Project
CALTRAGH LRD

Stage
PLANNING

Title
PROPOSED STORM AND FOUL WATER LAYOUT

Scale 1:400 @ A1	Surveyed OSI	Drawn PC	Checked EM	Date OCT '23
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Drawing No.
6736-JOD-XX-ZZ-DR-C-200-001

Revision
P.04