



ATTENUATION TANK A	
MIN COVER LEVEL	47.80m
INLET INVERT LEVEL	45.194m
OUTLET INVERT LEVEL	45.105m
DEPTH OF COVER	1.495m
LIQUID VOLUME PROVIDED	148.3m³
LENGTH (IN DIRECTION OF FLOW)	20m
WIDTH (PERPENDICULAR TO FLOW)	6.5m
TANK HEIGHT	1.2m

ATTENUATION TANK B	
MIN COVER LEVEL	47.50m (TANK B IS SITUATED BENEATH THE DOG PARK, 47.55m HERE REPRESENTS LOWEST LEVEL IN DOG PARK)
INLET INVERT LEVEL	45.545m
OUTLET INVERT LEVEL	45.461m
DEPTH OF COVER	0.889m
LIQUID VOLUME PROVIDED	684.3m³
LENGTH (IN DIRECTION OF FLOW)	30m/32m
WIDTH (PERPENDICULAR TO FLOW)	19.7m
TANK HEIGHT	1.2m

LEGEND

OUTLINE OF PROPOSED BUILDING

OUTLINE OF BASEMENT BELOW

EXISTING FOUL MANHOLE

EXISTING FOUL SEWER

PROPOSED FOUL SEWER

PROPOSED FOUL MANHOLE

PROPOSED SURFACE WATER SEWER

PROPOSED SURFACE WATER MANHOLE

PROPOSED SURFACE WATER INSPECTION CHAMBER

PROPOSED FOUL WATER INSPECTION CHAMBER

PROPOSED GULLY

PROPOSED WATERBUTT

PROPOSED HEADWALL

PROPOSED INFILTRATION TRENCH

PROPOSED 225mm DIA FILTER DRAIN

PROPOSED RISING MAIN 80mmOD POLYETHYLENE PIPE TO COMPLY WITH THE REQUIREMENTS OF SECTION 3.14 OF WATER WASTEWATER CODE OF PRACTICE

PROPOSED ATTENUATION TANK

PROPOSED FILTRATION BLANKET 6m X 3m X 0.5m DEEP

PRIVATE SITE EXTENTS

NOTE:
REFER TO DRAWING 222102-PUNCH-XX-XX-DR-C-0470 FOR PLUVIAL FLOODING DRAINAGE TABLES

PROPOSED FOUL MANHOLES GROUND LEVEL					
Name	Cover Level (m)	Diameter (mm)	Eastings (m)	Northings (m)	Depth (m)
F1-0	48.400	1200	713416.245	729766.199	0.725
F1-1	48.250	1200	713408.538	729754.226	0.804
F1-2	48.200	1200	713400.948	729746.037	0.833
F1-3	48.000	1200	713367.354	729734.320	0.870
F1-4	48.250	1200	713371.228	729721.627	1.186
F1-5	48.000	1200	713359.924	729713.895	1.004
F1-6	48.400	1200	713341.881	729718.969	1.496
F1-7	48.800	1200	713314.643	729707.015	2.041
F1-8	48.300	1200	713299.773	729734.336	1.697
F1-9	48.300	1200	713283.123	729768.541	1.887
F1-10	48.000	1200	713284.588	729776.099	1.625
F1-11	48.000	1200	713274.403	729806.374	1.785
F2-0	48.000	1200	713436.018	729816.980	0.775
F2-1	48.100	1200	713417.554	729867.577	1.144
F3-0	48.200	1200	713403.294	729787.375	0.775
F2-2	47.950	1200	713379.116	729853.529	1.199
F4-0	48.300	1200	713349.635	729821.064	1.300
F2-3	47.800	1200	713342.643	729840.196	1.243
F5-0	48.300	1200	713304.299	729800.963	1.550
F2-4	47.800	1200	713295.949	729823.116	1.492
F2-5	47.800	1200	713281.244	729817.751	1.570
F1-12	47.800	1200	713260.180	729816.938	1.675
F1-13_OUT	47.690	1200	713246.424	729810.905	1.640

PROPOSED FOUL PIPES GROUND LEVEL											
Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)	
F1.000	F1-0	F1-1	13.724	47.675	47.446	0.229	60.0	225	0.500	0.579	
F1.001	F1-1	F1-2	11.888	47.446	47.367	0.079	150.2	225	0.579	0.608	
F1.002	F1-2	F1-3	35.579	47.367	47.130	0.237	150.1	225	0.608	0.645	
F1.003	F1-3	F1-4	13.271	47.130	47.064	0.066	201.1	225	0.645	0.961	
F1.004	F1-4	F1-5	13.695	47.064	46.996	0.068	200.0	225	0.961	0.779	
F1.005	F1-5	F1-6	18.303	46.996	46.904	0.092	200.0	225	0.779	1.271	
F1.006	F1-6	F1-7	29.000	46.904	46.759	0.145	200.0	225	1.271	1.816	
F1.007	F1-7	F1-8	31.106	46.759	46.603	0.156	200.0	225	1.816	1.472	
F1.008	F1-8	F1-9	38.042	46.603	46.413	0.190	200.0	225	1.472	1.662	
F1.009	F1-9	F1-10	7.699	46.413	46.375	0.038	200.0	225	1.662	1.400	
F1.010	F1-10	F1-11	31.942	46.375	46.215	0.160	200.0	225	1.400	1.560	
F1.011	F1-11	F1-12	17.733	46.215	46.126	0.089	200.0	225	1.560	1.449	
F2.000	F2-0	F2-1	53.862	47.225	46.956	0.269	200.0	225	0.550	0.919	
F2.001	F2-1	F2-2	40.925	46.956	46.751	0.205	200.0	225	0.919	0.974	
F3.000	F3-0	F2-2	70.434	47.425	46.955	0.470	150.0	225	0.550	0.770	
F2.002	F2-2	F2-3	38.834	46.751	46.557	0.194	200.0	225	0.974	1.018	
F4.000	F4-0	F2-3	19.920	47.000	46.769	0.231	86.2	225	1.075	0.806	
F2.003	F2-3	F2-4	49.720	46.557	46.308	0.249	200.0	225	1.018	1.267	
F5.000	F5-0	F2-4	23.674	46.750	46.592	0.158	150.0	225	1.325	0.983	
F2.004	F2-4	F2-5	15.653	46.308	46.230	0.078	200.0	225	1.267	1.345	
F2.005	F2-5	F1-12	21.100	46.230	46.125	0.105	200.0	225	1.345	1.450	
F1.012	F1-12	F1-13_OUT	15.005	46.125	46.050	0.075	200.0	225	1.450	1.415	

PROPOSED SURFACE WATER MANHOLES					
Name	Cover Level (m)	Diameter (mm)	Eastings (m)	Northing (m)	Depth (m)
SIC2-0	48.00	450	713423.178	729831.775	0.700
S1-0	48.00	1350	713435.101	729813.393	1.275
S1-1	48.00	1350	713427.789	729833.453	1.346
S1-2	48.10	1350	713416.150	729865.222	1.615
S3-0	47.80	1350	713359.684	729844.585	1.575
S1-3	47.95	1350	713382.006	729852.742	1.908
S1-4	48.05	1350	713398.352	729808.019	2.123
S1-5	48.40	1350	713415.461	729769.948	2.576
SIC4-0	48.40	450	713404.463	729758.394	0.900
S1-6	48.40	1350	713404.828	729752.697	2.626
SIC5-0	48.00	450	713368.453	729744.395	0.575
S1-7	48.00	1350	713370.063	729739.991	2.317
S1-8	48.25	1350	713378.176	729717.791	2.625
S1-9	48.50	1350	713347.795	729706.687	2.955
S1-10	48.80	1350	713315.708	729694.960	3.339
S1-11	48.80	1350	713310.471	729705.229	3.368
SIC6-0	48.30	450	713290.082	729779.423	1.175
S1-12	48.10	1500	713276.879	729776.306	2.936
S1-13	47.80	1500	713264.028	729802.420	2.695
S7-0	48.30	1350	713348.778	729818.709	2.100
S7-1	47.80	1350	713341.709	729838.050	1.920
S7-2	47.80	1350	713315.716	729828.640	2.058
S8-0	48.30	1350	713304.186	729805.955	2.200
S7-3	47.80	1350	713298.230	729822.249	2.151
S7-4	47.80	1350	713279.505	729815.409	2.217
S7-5	47.80	1350	713265.749	729815.680	2.550
S1-14	47.67	1500	713257.999	729813.882	2.592
EXT MH4	47.80	1500	713247.849	729820.963	2.755

PROPOSED SURFACE WATER PIPES											
Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)	
S2.001	SIC2-0	S1-1	4.888	47.300	47.239	0.061	80.0	150	0.550	0.611	
S1.000	S1-0	S1-1	21.358	46.725	46.654	0.071	300.0	375	0.900	0.971	
S1.001	S1-1	S1-2	33.827	46.654	46.485	0.169	200.0	375	0.971	1.240	
S1.002	S1-2	S1-3	36.353	46.485	46.303	0.182	200.0	375	1.240	1.272	
S3.000	S3-0	S1-3	23.766	46.225	46.119	0.106	225.0	375	1.200	1.456	
S1.003	S1-3	S1-4	47.617	46.044	45.927	0.117	407.0	450	1.456	1.673	
S1.004	S1-4	S1-5	41.739	45.927	45.824	0.103	405.2	450	1.673	2.126	
S1.005	S1-5	S1-6	20.265	45.824	45.774	0.050	405.3	450	2.126	2.176	
S4.001	SIC4-0	S1-6	5.709	47.500	47.429	0.071	80.0	150	0.750	0.821	
S1.006	S1-6	S1-7	37.014	45.774	45.683	0.091	406.7	450	2.176	1.867	
S5.001	SIC5-0	S1-7	4.689	47.425	47.366	0.059	80.0	225	0.350	0.409	
S1.007	S1-7	S1-8	23.636	45.683	45.625	0.058	407.5	450	1.867	2.175	
S1.008	S1-8	S1-9	32.347	45.625	45.545	0.080	404.3	450	2.175	2.505	
S1.009	S1-9	S1-10	34.163	45.545	45.461	0.084	406.7	450	2.505	2.889	
S1.010	S1-10	S1-11	11.527	45.461	45.432	0.029	397.5	450	2.889	2.918	
S1.011	S1-11	S1-12	78.615	45.432	45.239	0.193	407.3	450	2.918	2.411	
S6.001	SIC6-0	S1-12	13.566	47.125	46.955	0.170	80.0	225	0.950	0.920	
S1.012	S1-12	S1-13	29.105	45.164	45.105	0.059	493.3	525	2.411	2.170	
S1.013	S1-13	S1-14	12.951	45.105	45.078	0.027	480.0	525	2.170	2.067	
S7.000	S7-0	S7-1	20.540	46.200	46.069	0.131	156.8	375	1.725	1.356	
S7.001	S7-1	S7-2	27.644	45.880	45.742	0.138	200.0	375	1.545	1.683	
S7.002	S7-2	S7-3	18.617	45.742	45.649	0.093	200.0	375	1.683	1.776	
S8.000	S8-0	S7-3	17.348	46.100	46.042	0.058	300.0	375	1.825	1.383	
S7.003	S7-3	S7-4	19.935	45.649	45.583	0.066	300.0	375	1.776	1.842	
S7.004	S7-4	S7-5	13.759	45.583	45.537	0.046	300.0	375	1.842	1.888	
S7.005	S7-5	S1-14	7.956	45.250	45.223	0.027	300.0	375	2.175	2.072	
S1.014	S1-14	S21-0	11.752	45.078	45.045	0.033	375.0	225	2.067	2.230	

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Rev	Amendment	By	Date	Rev	Amendment	By	Date
C01	STAGE 2 LRD SUBMISSION	DAP	2024-03-07	C07	STAGE 3 LRD SUBMISSION	DAP	2025-03-10
C02	STAGE 3 LRD SUBMISSION	DAP	2024-07-25				
C03	STAGE 3 LRD SUBMISSION	DAP	2024-08-02				
C04	STAGE 3 LRD SUBMISSION	DAP	2024-09-24				
C05	STAGE 3 LRD SUBMISSION	DAP	2024-11-01				
C06	STAGE 3 LRD SUBMISSION	DAP	2024-12-06				

By	Date	By	Date	Client:
DAP	2024-03-07	DAP	2025-03-10	1 Celbridge West Land Limited
DAP	2024-07-25			
DAP	2024-08-02			
DAP	2024-09-24			
DAP	2024-11-01			
DAP	2024-12-06			



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