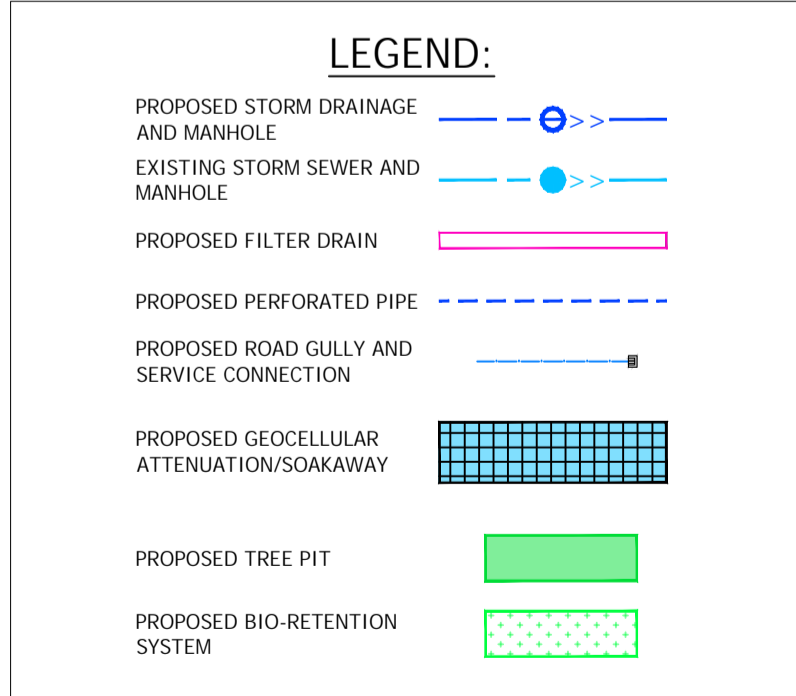
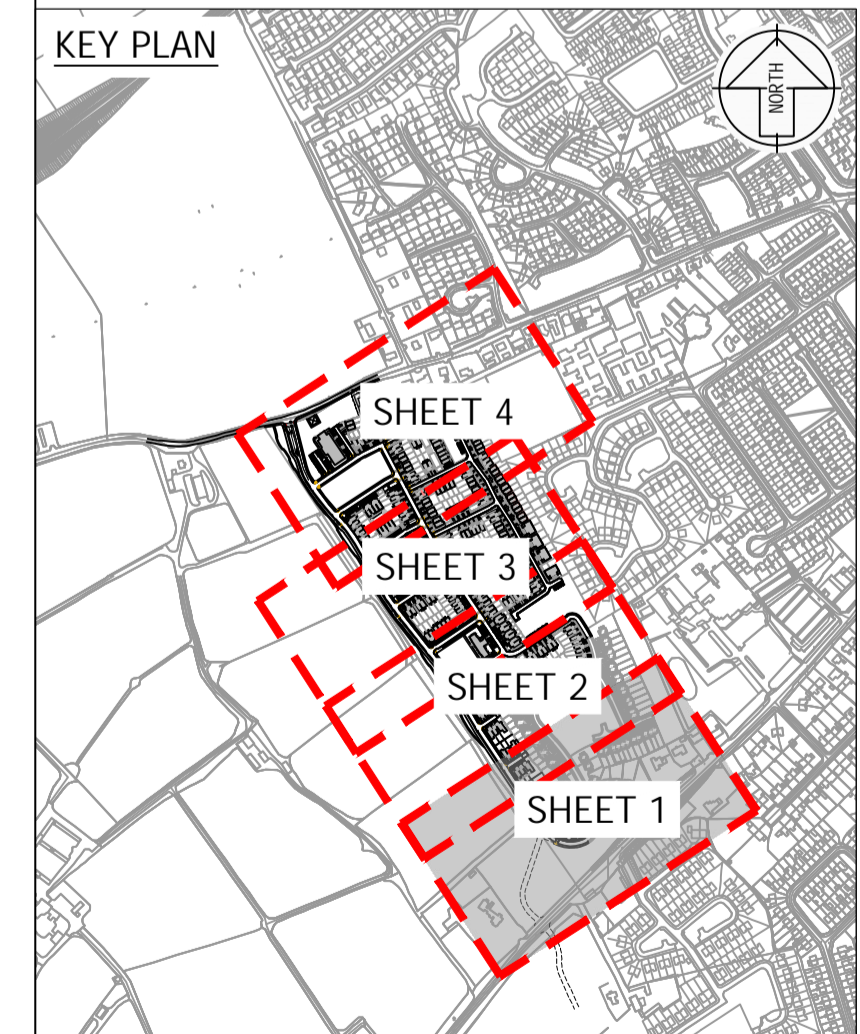


FOR CONTINUATION REFER TO SHEET No: 2

UNDER CONSTRUCTION

SURFACE WATER DRAINAGE NETWORK SCHEDULE							
Manhole	Chainage (m)	USL(m)	PN	Pipe Length(m)	DSL(m)	Slope (1%)	Pipe DIA (mm)
S-1	103.580	102.555	S-1.000	15.589	101.795	54.4	225
S-2	103.220	101.795	S-1.001	18.654	101.565	81.1	225
S-3	102.990	101.565	S-1.002	34.566	100.930	54.3	225
S-4	102.575	100.930	S-2.000	30.759	100.330	139.8	225
S-5	102.262	100.330	S-1.003	55.209	99.995	59.0	225
S-6	101.420	99.995	S-1.004	8.304	99.857	60.2	225
S-7	101.434	100.409	S-3.000	24.022	100.257	158.0	225
S-8	102.262	99.857	S-1.005	63.564	99.529	245.0	300
S-9	102.040	100.615	S-4.000	23.880	100.465	159.2	225
S-10	101.890	99.488	S-1.006	17.348	99.394	325.0	375
S-11	102.050	99.394	S-1.007	50.133	99.240	325.0	375
S-12	102.550	99.240	S-1.008	17.099	99.187	325.0	375
S-13	102.980	104.555	S-5.000	25.989	104.402	170.0	225
S-14	106.270	104.402	S-5.001	9.296	104.348	170.0	225
S-15	104.430	104.348	S-1.002	65.356	103.015	64.0	225
S-16	104.440	103.015	S-5.003	10.818	102.685	32.8	225
S-17	104.110	102.685	S-5.004	9.270	102.416	34.5	225
S-18	103.880	102.615	S-5.005	13.346	102.096	65.6	225
S-19	104.560	103.135	S-6.000	35.159	102.185	37.0	225
S-20	103.610	102.110	S-5.006	46.584	101.340	60.5	300
S-21	102.860	99.112	S-1.009	10.568	99.025	121.5	450
S-22	102.960	99.011	S-1.010	32.229	98.900	49.0	450
S-23	103.680	102.255	S-7.000	45.797	101.225	44.5	225
S-24	102.650	101.151	S-7.001	63.023	100.380	81.8	300
S-25	102.960	100.380	S-7.002	103.265	100.338	245.0	300
S-26	102.150	99.2	S-1.011	18.035	99.094	170.0	225
S-27	102.240	100.815	S-8.000	23.348	100.455	64.9	225
S-28	101.890	99.084	S-1.012	49.374	98.566	170.0	225
S-29	101.500	100.075	S-9.000	43.465	99.596	90.7	225
S-30	101.021	99.596	S-9.001	9.999	99.537	170.0	225
S-31	100.990	98.493	S-1.013	38.848	98.347	245.0	300
S-32	101.500	98.212	S-1.014	83.266	98.154	325.0	375
S-33	101.770	100.345	S-10.000	52.119	99.855	106.4	225
S-34	101.200	99.855	S-10.001	9.985	99.795	166.4	225
S-35	101.220	98.154	S-1.015	35.148	98.096	325.0	375
S-36	100.580	97.971	S-1.016	33.033	97.890	405.0	450
S-37	99.980	97.89	S-1.017	8.632	97.866	405.0	450
S-38	100.010	97.868	S-1.018	73.182	97.690	405.0	450
S-39	100.180	97.69	S-1.019	7.990	97.651	200.0	450
S-40	100.090	97.651	S-1.020	9.131	97.665	200.0	450
S-41	100.130	97.565	S-1.021	29.676	97.500	450	450
S-42	100.660	97.5	S-1.022	4.724	97.472	170.0	225
S-43	104.710	103.285	S-11.000	45.971	102.405	52.2	225
S-44	103.830	102.405	S-11.001	12.249	102.145	47.1	225
S-45	103.570	102.145	S-11.002	28.703	101.425	39.9	225
S-46	102.850	101.35	S-11.003	40.973	100.320	39.8	300
S-47	101.820	100.32	S-11.004	27.323	99.750	47.9	300
S-48	101.290	99.75	S-11.005	35.932	98.440	27.4	300
S-49	99.940	98.445	S-11.006	9.807	98.290	69.2	375
S-50	102.500	100.075	S-12.000	46.566	100.175	51.7	225
S-51	103.390	100.975	S-13.000	84.090	100.175	48.1	225
S-52	101.600	100.100	S-12.001	38.691	99.539	67.9	300
S-53	101.030	99.465	S-12.002	30.337	99.362	325.0	375
S-54	101.940	100.515	S-14.000	63.317	99.512	61.1	225
S-55	101.230	99.287	S-12.003	40.821	98.890	152.2	450
S-56	100.640	98.69	S-12.004	34.13	98.680	45.8	450
S-57	100.430	98.68	S-12.005	85.431	98.180	170.9	450
S-58	99.830	98.18	S-11.007	8.153	98.098	100.0	450
S-59	99.820	97.58	S-11.008	83.583	97.970	49.0	450
S-60	99.500	97.97	S-11.009	3.573	97.945	142.9	225
S-61	99.530	98.335	S-15.000	29.862	98.025	96.3	225
S-62	99.680	98.335	S-16.000	44.815	98.025	39.4	225
S-63	99.300	98.025	S-15.001	12.049	97.945	150.6	225
S-64	99.370	97.975	S-11.010	30.002	97.703	325.0	375
S-65	99.880	97.703	S-11.011	59.578	97.539	325.0	375
S-66	99.980	98.565	S-17.000	43.266	98.300	170.0	225
S-67	100.630	97.519	S-11.012	8.658	97.322	43.9	375
S-68	100.520	97.247	S-11.013	28.650	97.176	405.0	450
S-69	98.820	97.855	S-18.000	34.073	97.655	170.0	225
S-70	99.060	97.725	S-19.000	10.000	97.655	125.0	225
S-71	99.270	97.58	S-18.001	29.524	97.326	155.6	300
S-72	100.100	97.195	S-11.014	53.073	97.045	405.0	450
S-73	100.800	97.045	S-11.015	7.444	97.025	405.0	450
S-74	100.800	97.026	S-11.016	24.137	96.966	405.0	450
S-75	100.800	96.91	S-11.017	21.363	96.800	300	300
S-76	100.400	96.8	S-11.018	8.107	96.767	245.0	300
S-77	100.400	96.767	S-11.019	27.392	96.655	245.0	300
S-78	100.300	96.655	S-11.020	42.327	96.487	245.0	300
S-79	99.600	96.482	S-11.021	62.846	96.144	245.0	300
S-80	98.600	96.144	S-11.022	88.520	95.783	245.0	300
S-81	98.550	95.783	S-11.023	10.534	95.740	245.0	300
S-82	99.330	95.995	S-20.000	42.640	96.795	38.4	225
S-83	98.220	96.795	S-20.001	44.278	96.750	43.0	225
S-84	96.750	95.325	S-21.000	18.285	95.217	170.0	225
S-85	97.180	95.217	S-20.002	14.159	95.010	68.4	225
S-86	97.200	95.010	S-20.003	25.814	95.000	225	225
S-87	96.680	96.000	S-20.004	2.000	96.990	200.0	225
S-88	104.700	103.275	S-22.000	19.717	103.075	98.6	225
S-89	104.500	103.075	S-22.001	10.380	103.014	170.0	225
S-90	104.700	102.910	S-22.002	13.000	102.900	170.0	225
S-91	104.700	104.000	S-22.003	2.000	103.990	200.0	225



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NOTES:
1. ALL DIMENSIONS ARE IN METERS UNLESS SHOWN OTHERWISE.
2. ALL DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF COUNTY KILDARE WATER SERVICES DEPARTMENT.
3. ALL DRAINAGE TO BE IN ACCORDANCE WITH GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS AND BUILDING REGULATIONS TECHNICAL GUIDANCE DOCUMENT H.

4. FOR ON PLOT SUDS DETAILS REFER TO DRAWING D1920-MAL-00-XX-C-028

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REVISION	DATE	DESCRIPTION	REV BY	CHK BY
A	05.05.21	DRAFT ISSUE	SC	SS
B	14.05.21	ISSUED FOR PLANNING	SC	SS
C	01.02.22	ISSUED FOR PLANNING	SG	SOR

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PROJECT	STRATEGIC HOUSING DEVELOPMENT AT BALLYMANY		
CLIENT	BRIARGATE DEVELOPMENTS NEWBRIDGE LIMITED		
TITLE	STORM WATER DRAINAGE LAYOUT		
	SHEET 1 OF 4		
Director	Proj. Eng	Drawn by	DRG. No.
SOR	SS	SC	D1920-MAL-00-XX-C-006
Scale	Checked	Date	REV
1:500 @A1	SOR	MARCH 21	C

PLANNING