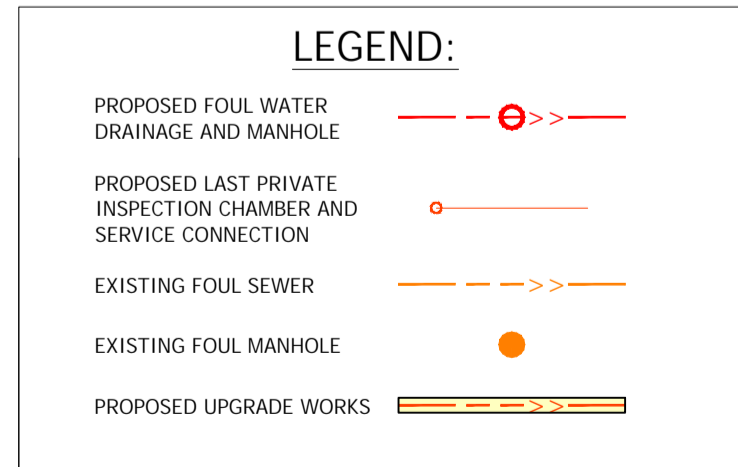
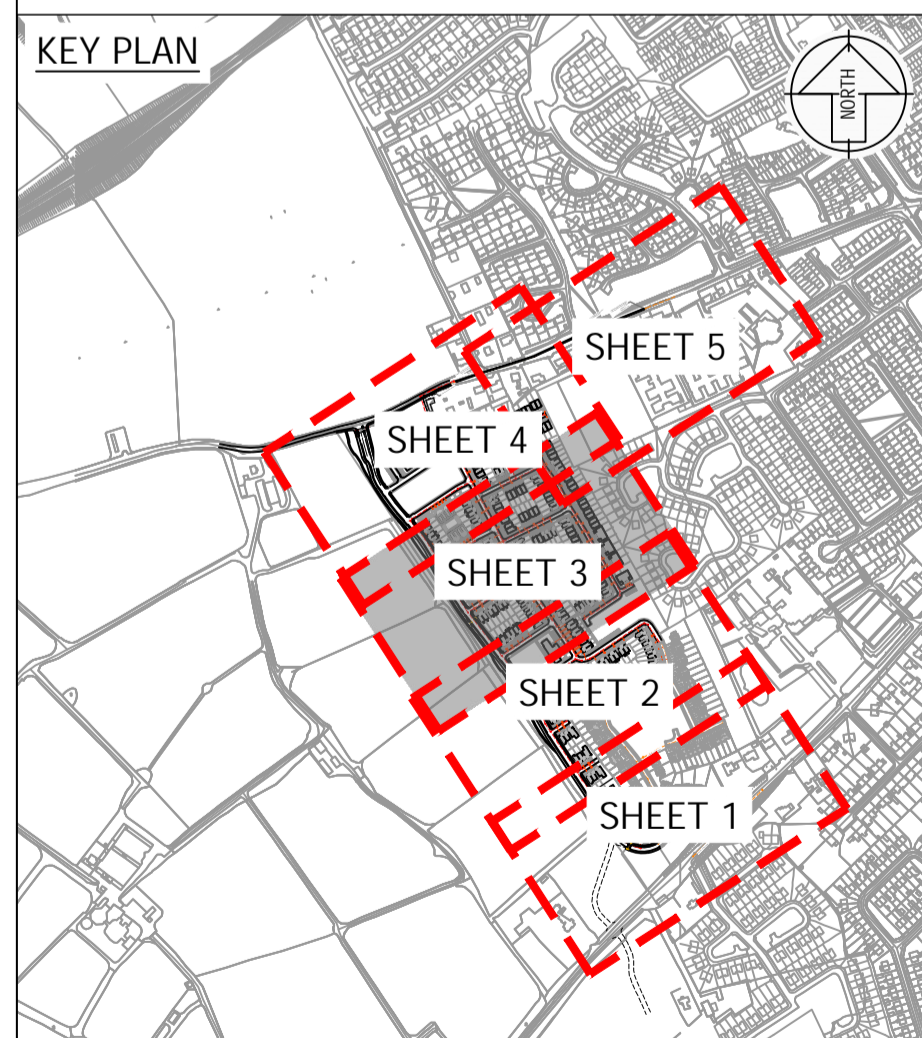


Upstream Manhole	CL(m)	USL(m)	PN	Pipe Length(m)	DSL(m)	Slope (1:X)	Pipe DIA (mm)
F-1	103.580	102.155	F-1.000	16.753	101.875	59.8	225
F-2	103.300	101.875	F-1.001	16.031	101.585	55.3	225
F-3	103.010	101.585	F-1.002	38.298	100.885	54.7	225
F-4	102.570	101.345	F-2.000	27.660	100.885	60.1	225
F-5	102.310	100.885	F-1.003	51.202	100.025	59.5	225
F-6	101.450	100.025	F-1.004	12.316	99.845	68.4	225
F-7	101.450	100.225	F-3.000	24.040	99.845	63.3	225
F-8	101.270	99.845	F-1.005	64.268	99.417	150.0	225
F-9	102.110	100.885	F-4.000	25.182	100.495	64.6	225
F-10	101.920	99.417	F-1.006	12.467	99.354	200.0	225
F-11	102.090	99.354	F-1.007	49.316	99.108	200.0	225
F-12	105.970	104.545	F-5.000	27.819	104.081	60.0	225
F-13	106.250	104.081	F-5.001	5.300	103.993	60.0	225
F-14	106.310	103.993	F-5.002	6.374	103.886	60.0	225
F-15	106.380	103.886	F-5.003	79.200	102.984	87.8	225
F-16	104.410	102.984	F-5.004	11.557	102.664	36.1	225
F-17	104.090	102.664	F-5.005	8.373	102.404	32.2	225
F-18	103.830	102.404	F-5.006	10.378	102.224	57.7	225
F-19	104.630	103.205	F-6.000	35.149	102.225	35.9	225
F-20	103.650	101.925	F-5.007	63.804	100.965	66.5	225
F-21	102.390	99.108	F-1.008	58.219	98.817	200.0	225
F-22	102.250	100.825	F-7.000	46.528	100.050	60.0	225
F-23	101.650	98.817	F-1.009	72.578	98.454	200.0	225
F-24	101.770	100.345	F-8.000	42.172	99.635	59.4	225
F-25	101.060	99.635	F-8.001	9.998	99.535	100.0	225
F-26	100.960	98.454	F-1.010	34.378	98.282	200.0	225
F-27	101.560	98.282	F-1.011	39.844	98.083	200.0	225
F-28	101.760	100.335	F-9.000	45.136	99.845	92.1	225
F-29	101.270	99.845	F-9.001	9.985	99.778	150.0	225
F-30	101.260	98.083	F-1.012	37.976	97.893	200.0	225
F-31	100.570	97.893	F-1.013	31.339	97.736	200.0	225
F-32	100.000	97.736	F-1.014	3.698	97.717	200.0	225
F-33	100.040	97.717	F-1.015	72.471	97.355	200.0	225
F-34	100.200	97.355	F-1.016	20.316	97.254	200.0	225
F-35	103.730	102.305	F-10.000	53.209	101.165	46.7	225
F-36	102.590	101.165	F-10.001	53.142	99.665	35.4	225
F-37	103.010	101.585	F-11.000	65.486	100.165	46.1	225
F-38	101.590	99.665	F-10.002	33.073	99.125	61.2	225
F-39	101.050	99.125	F-10.003	35.589	98.947	200.0	225
F-40	102.080	100.655	F-12.000	69.845	99.795	81.2	225
F-41	101.220	98.947	F-10.004	89.709	97.857	82.3	225
F-42	99.990	97.254	F-1.017	48.437	97.011	200.0	225
F-43	104.430	103.005	F-13.000	56.237	102.068	60.0	225
F-44	104.990	102.068	F-13.001	5.158	101.982	60.0	225
F-45	105.070	103.645	F-14.000	18.750	103.333	60.0	225
F-46	104.890	101.982	F-13.002	21.037	101.631	60.0	225
F-47	103.870	101.631	F-13.003	30.400	101.428	149.8	225
F-48	103.640	101.428	F-13.004	10.938	101.355	150.0	225
F-49	103.630	101.355	F-13.005	29.645	101.157	149.7	225
F-50	102.900	101.157	F-13.006	41.906	100.414	56.4	225
F-51	101.840	100.414	F-13.007	27.881	99.284	24.7	225
F-52	100.710	99.284	F-13.008	29.256	98.674	48.0	225
F-53	100.100	98.674	F-13.009	5.143	98.564	46.8	225
F-54	100.030	98.605	F-15.000	64.073	98.178	150.0	225
F-55	99.990	98.178	F-13.010	58.910	97.805	157.9	225
F-56	99.520	98.295	F-16.000	29.035	97.805	59.3	225
F-57	99.230	97.805	F-13.011	11.926	97.745	200.0	225
F-58	99.380	97.745	F-13.012	31.965	97.585	199.8	225
F-59	99.860	97.585	F-13.013	56.468	97.118	120.9	225
F-60	100.640	97.011	F-1.018	38.819	96.817	200.0	225
F-61	100.150	96.742	F-1.019	49.918	96.576	300.7	300
F-62	100.800	96.576	F-1.020	5.723	96.557	300.0	300
F-63	100.500	96.557	F-1.021	31.414	96.452	300.0	300
F-64	100.500	96.452	F-1.022	31.836	96.346	300.0	300
F-65	100.500	96.346	F-1.023	13.496	96.301	300.0	300
F-66	100.500	96.301	F-1.024	35.271	96.184	300.0	300
F-67	99.700	96.184	F-1.025	3.293	96.173	300.0	300
F-68	99.650	96.173	F-1.026	34.332	96.058	300.0	300
F-69	99.270	96.058	F-1.027	73.704	95.813	300.0	300
F-70	98.550	95.813	F-1.028	60.235	95.612	300.0	300
F-71	98.750	95.612	F-1.029	98.914	94.980	156.5	300



- NOTES:**
- ALL DIMENSIONS ARE IN METERS UNLESS SHOWN OTHERWISE.
 - ALL PRIMARY DRAINAGE DETAILS ARE TO COMPLY WITH THE REQUIREMENT OF IRISH WATER CODE OF PRACTICE.
 - PIPEWORK MATERIAL uPVC AND IS TO COMPLY WITH THE SECTION 3.13 OF IRISH WATER CODE OF PRACTICE FOR WASTE WATER INFRASTRUCTURE.
 - PRIOR TO CONSTRUCTION THE INVERT LEVELS OF THE EXISTING FOUL SEWER TO BE CONFIRMED.

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REVISION	DATE	DESCRIPTION	REV BY	CHK BY
A	23.04.21	ISSUED FOR PLANNING	SC	SS
B	28.04.21	REVISED AND REISSUED TO IRISH WATER	SC	SS
C	14.05.21	ISSUED FOR PLANNING	SC	SS
D	01.02.22	REISSUED FOR PLANNING	SG	SOR

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PROJECT		STRATEGIC HOUSING DEVELOPMENT AT BALLYMANY	
CLIENT		BRIARGATE DEVELOPMENTS NEWBRIDGE LIMITED	
TITLE		FOUL DRAINAGE LAYOUT	
		SHEET 3 OF 5	
Director	Proj Eng	Drawn by	DRG. No.
SSR	SS	SC	D1920-MAL-00-XX-C-016
Scale	Checked	Date	REV
1:500 @A1	SOR	MARCH '21	D

PLANNING