

Surface Water Manhole Schedule:						
MH Ref:	Cover Level	Invert Level	MH Depth (m)	MH Material	MH Size (mm)	MH Cover
re1	3.350	2.900	0.450	Plastic	RE	A15
s1	3.350	2.700	0.650	Plastic	Ø450	A15
re2	3.350	2.900	0.450	Plastic	RE	A15
s2	3.350	2.591	0.759	Plastic	Ø450	A15
re3	3.350	2.900	0.450	Plastic	RE	A15
s3	3.350	2.525	0.825	Plastic	Ø450	A15
s4	3.350	2.469	0.881	Plastic	Ø450	A15
s5	3.500	2.346	1.154	Plastic	Ø450	A15
re4	3.350	2.900	0.450	Plastic	RE	A15
s6	3.350	2.650	0.700	Plastic	Ø450	A15
re5	3.550	3.100	0.450	Plastic	RE	A15
s7	3.700	2.998	0.703	Plastic	Ø450	A15
re6	3.700	3.250	0.450	Plastic	RE	A15
s8	3.900	2.879	1.022	Plastic	Ø450	B125
s9	3.800	2.830	0.970	Plastic	Ø450	A15
s10	3.650	2.716	0.934	Plastic	Ø450	A15
re7	3.650	3.200	0.450	Plastic	RE	A15
s11	3.650	2.950	0.700	Plastic	Ø450	A15
re8	3.450	3.000	0.450	Plastic	RE	A15
s12	3.450	2.750	0.700	Plastic	Ø450	A15
re9	3.450	3.000	0.450	Plastic	RE	A15
s13	3.450	2.641	0.809	Plastic	Ø450	A15
re10	3.500	3.050	0.450	Plastic	RE	A15
s14	3.500	2.800	0.700	Plastic	Ø450	A15
s15	3.525	2.690	0.835	Plastic	Ø450	A15
re11	3.550	3.100	0.450	Plastic	RE	A15
s16	3.525	2.629	0.896	Plastic	Ø450	A15
re12	3.550	3.100	0.450	Plastic	RE	A15
re13	3.550	3.100	0.450	Plastic	RE	A15
s17	3.550	2.850	0.700	Plastic	Ø450	A15
s18	3.550	2.516	1.034	Plastic	Ø450	A15
re14	3.550	3.100	0.450	Plastic	RE	A15
s19	3.550	2.750	0.800	Plastic	Ø450	A15
s20	3.600	2.443	1.157	Plastic	Ø450	A15
s21	3.500	2.393	1.107	Plastic	Ø450	B125
re15	3.400	2.950	0.450	Concrete	RE	A15
s22	3.400	2.700	0.700	Plastic	Ø450	A15
re16	3.350	2.900	0.450	Plastic	RE	A15
s23	3.350	2.590	0.760	Plastic	Ø450	A15
re17	3.350	2.900	0.450	Plastic	RE	A15
s24	3.350	2.350	1.000	Plastic	Ø450	A15
re18	3.350	2.900	0.450	Plastic	RE	A15
s25	3.350	2.350	1.000	Plastic	Ø450	A15
re19	3.250	2.800	0.450	Plastic	RE	A15
s26	3.450	2.701	0.749	Plastic	Ø450	A15
re20	3.400	2.950	0.450	Plastic	RE	A15
s27	3.550	2.525	1.025	Plastic	Ø450	A15
re21	3.200	2.750	0.450	Plastic	RE	A15
s28	3.350	2.348	1.002	Plastic	Ø450	A15
re22	3.250	2.800	0.450	Plastic	RE	A15
s29	3.300	2.172	1.128	Plastic	Ø450	B125
re23	3.250	2.800	0.450	Plastic	RE	A15
s30	3.460	2.039	1.421	Plastic	Ø450	B125
re24	3.350	2.900	0.450	Plastic	RE	A15
s31	3.350	2.650	0.700	Plastic	Ø450	A15
s32	3.350	2.524	0.826	Plastic	Ø450	A15
s33	3.350	2.473	0.877	Plastic	Ø450	A15
re25	3.350	2.900	0.450	Plastic	RE	A15
s34	3.350	2.850	0.700	Plastic	Ø450	A15
s35	3.350	2.541	0.809	Plastic	Ø450	A15
re26	3.350	2.900	0.450	Plastic	RE	B125
s36	3.350	2.350	1.000	Plastic	Ø450	A15
re27	3.350	2.900	0.450	Plastic	RE	A15
s37	3.350	2.208	1.142	Plastic	Ø450	A15
re28	3.400	2.950	0.450	Plastic	RE	A15
s38	3.400	2.097	1.303	Plastic	Ø450	A15
re29	3.500	3.050	0.450	Plastic	RE	A15
s39	3.650	2.800	0.850	Plastic	Ø450	A15
re30	3.450	3.000	0.450	Plastic	RE	B125
s40	3.450	2.750	0.700	Plastic	Ø450	A15
re31	3.650	3.200	0.450	Plastic	RE	A15
s41	3.650	2.650	1.000	Plastic	Ø450	B125
s42	3.600	2.499	1.101	Plastic	Ø450	A15
re32	3.550	3.100	0.450	Plastic	RE	A15
s43	3.550	2.850	0.700	Plastic	Ø450	A15
re33	3.550	3.100	0.450	Plastic	RE	A15
s44	3.550	2.550	1.000	Plastic	Ø450	B125
re34	3.550	3.100	0.450	Plastic	RE	A15
s45	3.550	2.440	1.110	Plastic	Ø450	A15
re35	3.550	3.100	0.450	Plastic	RE	A15
s46	3.550	2.850	0.700	Plastic	Ø450	A15
re36	3.550	3.100	0.450	Plastic	RE	A15
s47	3.550	2.550	1.000	Plastic	Ø450	B125
s48	3.600	2.398	1.202	Plastic	Ø450	B125
re37	3.200	2.750	0.450	Plastic	RE	A15
s49	3.350	2.650	0.700	Plastic	Ø450	A15
re38	3.350	2.900	0.450	Plastic	RE	A15
s50	3.350	2.541	0.809	Plastic	Ø450	A15
re39	3.350	2.900	0.450	Plastic	RE	A15
s51	3.350	2.429	0.921	Plastic	Ø450	A15
re40	3.350	2.900	0.450	Plastic	RE	A15
s52	3.350	2.650	0.700	Plastic	Ø450	A15
s53	3.450	2.391	1.059	Plastic	Ø450	A15

Surface Water Pipe Schedule:						
Pipe Ref:	Upstream IL	Downstream IL	Pipe Dia (mm)	Distance (m)	Pipe Gradient 1:X	Pipe Material
re1 - s1	2.900	2.700	100	9.040	45.2	Plastic
s1 - s2	2.700	2.591	100	10.890	100.0	Plastic
re2 - s2	2.900	2.591	100	9.040	29.3	Plastic
s2 - s3	2.591	2.525	100	6.577	100.0	Plastic
re3 - s3	2.900	2.525	100	7.627	20.4	Plastic
s3 - s4	2.525	2.469	100	5.607	100.0	Plastic
s4 - s5	2.469	2.346	100	12.353	100.0	Plastic
s5 - S2L	2.346	2.284	100	3.915	63.4	Plastic
re4 - s6	2.900	2.650	100	6.407	25.6	Plastic
s6 - S2L	2.650	2.284	100	11.815	32.3	Plastic
re5 - s7	3.100	2.998	100	10.250	100.0	Plastic
s7 - s8	2.998	2.879	100	11.900	100.0	Plastic
re6 - s8	3.250	2.879	100	11.140	30.0	Plastic
s8 - s9	2.879	2.830	100	4.898	100.0	Plastic
s9 - s10	2.830	2.716	100	11.383	100.0	Plastic
s10 - S4L	2.716	2.119	100	7.211	12.1	Plastic
re7 - s11	3.200	2.950	100	10.102	40.4	Plastic
s11 - S4L	2.950	2.119	100	9.154	11.0	Plastic
re8 - s12	3.000	2.750	100	8.499	34.0	Plastic
s12 - s13	2.750	2.641	100	10.890	100.0	Plastic
re9 - s13	3.000	2.641	100	8.500	23.7	Plastic
s13 - S4L	2.641	2.119	100	6.264	12.0	Plastic
re10 - s14	3.050	2.800	100	9.140	36.6	Plastic
s14 - s15	2.800	2.690	100	10.990	100.0	Plastic
s15 - s16	2.690	2.629	100	6.109	100.0	Plastic
re11 - s16	3.100	2.629	100	9.112	19.3	Plastic
s16 - s18	2.629	2.516	100	11.276	100.0	Plastic
re12 - s17	3.100	2.850	100	4.975	19.9	Plastic
re13 - s17	3.100	2.850	100	4.750	19.0	Plastic
s17 - s18	2.850	2.516	100	11.031	33.1	Plastic
s18 - s20	2.516	2.443	100	7.355	100.0	Plastic
re14 - s19	3.100	2.750	100	8.654	24.7	Plastic
s19 - s20	2.750	2.443	100	3.448	11.2	Plastic
s20 - s21	2.443	2.393	100	5.000	100.0	Plastic
s21 - S5LA	2.393	2.277	100	4.242	36.7	Plastic
re15 - s22	2.950	2.700	100	8.646	34.6	Plastic
s22 - s23	2.700	2.590	100	10.990	100.0	Plastic
re16 - s23	2.900	2.590	100	8.646	27.9	Plastic
s23 - s24	2.590	2.350	100	11.100	46.2	Plastic
re17 - s24	2.900	2.350	100	8.646	15.7	Plastic
s24 - S5LB	2.350	2.229	100	5.371	44.4	Plastic
re18 - s25	2.900	2.350	100	9.040	16.4	Plastic
s25 - S5LB	2.350	2.229	100	9.795	81.0	Plastic
re19 - s26	2.800	2.701	100	9.890	100.0	Plastic
s26 - s27	2.701	2.525	100	17.640	100.0	Plastic
re20 - s27	2.950	2.525	100	9.890	23.3	Plastic
s27 - s28	2.525	2.348	100	17.640	100.0	Plastic
re21 - s28	2.750	2.348	100	9.890	24.6	Plastic
s28 - s29	2.348	2.172	100	17.640	100.0	Plastic
re22 - s29	2.800	2.172	100	9.890	15.7	Plastic
s29 - s30	2.172	2.039	100	13.268	100.0	Plastic
re23 - s30	2.800	2.039	100	9.836	12.9	Plastic
s30 - S7L	2.039	1.882	100	11.905	75.7	Plastic
re24 - s31	2.900	2.650	100	11.740	47.0	Plastic
s31 - s32	2.650	2.524	100	12.574	100.0	Plastic
s32 - s33	2.524	2.473	100	5.168	100.0	Plastic
s33 - S7L	2.473	1.882	100	7.492	12.7	Plastic
re25 - s34	2.900	2.650	100	10.290	41.2	Plastic
s34 - s35	2.650	2.541	100	10.890	100.0	Plastic
s35 - s36	2.541	2.350	100	5.790	30.3	Plastic
re26 - s36	2.900	2.350	100	4.500	8.2	Plastic
s36 - s37	2.350	2.208	100	14.190	100.0	Plastic
re27 - s37	2.900	2.208	100	9.040	13.1	Plastic
s37 - s38	2.208	2.097	100	11.090	100.0	Plastic
re28 - s38	2.950	2.097	100	9.040	10.6	Plastic
s38 - S8L	2.097	1.875	100	5.840	26.3	Plastic
re29 - s39	3.050	2.800	100	9.040	36.2	Plastic
s39 - S8L	2.800	1.875	100	9.315	10.1	Plastic
re30 - s40	3.000	2.750	100	10.649	42.6	Plastic
s40 - s42	2.750	2.499	100	15.040	59.9	Plastic
re31 - s41	3.200	2.650	100	7.796	14.2	Plastic
s41 - s42	2.650	2.499	100	15.128	100.0	Plastic
s42 - S10LA	2.499	2.104	100	10.686	27.1	Plastic
re32 - s43	3.100	2.850	100	10.040	40.2	Plastic
s43 - s44	2.850	2.550	100	10.942	36.5	Plastic
re33 - s44	3.100	2.550	100	10.041	18.3	Plastic
s44 - s45	2.550	2.440	100	10.990	100.0	Plastic
re34 - s45	3.100	2.440	100	10.041	15.2	Plastic
s45 - s48	2.440	2.398	100	4.178	100.0	Plastic
re35 - s46	3.100	2.850	100	9.500	38.0	Plastic
s46 - s47	2.850	2.550	100	12.040	40.1	Plastic
re36 - s47	3.100	2.550	100	10.640	19.3	Plastic
s47 - s48	2.550	2.398	100	6.610	43.6	Plastic
s48 - S10LB	2.398	2.088	100	3.707	11.9	Plastic
re37 - s49	2.750	2.650	100	9.040	90.4	Plastic
s49 - s50	2.650	2.541	100	10.931	100.0	Plastic
re38 - s50	2.900	2.541	100	8.671	24.1	Plastic
s50 - s51	2.541	2.429	100	11.148	100.0	Plastic
re39 - s51	2.900	2.429	100	8.671	18.4	Plastic
s51 - s53	2.429	2.391	100	3.778	100.0	Plastic
re40 - s52	2.900	2.650	100	8.671	34.7	Plastic
s52 - s53	2.650	2.391	100	7.212	27.9	Plastic
s53 - S12L	2.391	1.990	100	4.539	11.3	Plastic