

FOUL WATER MANHOLE SCHEDULE														
MH REF	MANHOLE TYPE	MANHOLE SIZE	COVER TYPE	COVER LEVEL	COVER SLAB OPENING	COVER TYPE / SIZE	INVERT LEVEL	DEPTH TO SOFFIT (m)	PIPES IN			PIPES OUT		
									PIPE No	IL	DIAMETER	PIPE No	IL	DIAMETER
F1	MH-B	1200	D-400	55.028	600 x 600	D-400 - 600 x 600	52.820	2.058				1.000	52.820	150
F2	MH-B	1200	D-400	54.698	600 x 600	D-400 - 600 x 600	52.475	2.073	1.000	52.475	150	1.001	52.475	150
F3	MH-B	1200	D-400	54.364	600 x 600	D-400 - 600 x 600	52.175	2.059	1.001	52.175	150	1.002	52.175	150
F4	MH-B	1200	D-400	52.864	600 x 600	D-400 - 600 x 600	50.655	2.189	1.002	50.655	150	1.003	50.625	150
F5	MH-B	1200	D-400	52.832	600 x 600	D-400 - 600 x 600	50.325	2.357	1.004	50.325	150	1.004	50.325	150
F6	MH-B	1200	D-400	52.855	600 x 600	D-400 - 600 x 600	50.260	2.485	1.004	50.260	150	1.005	50.260	150
F7	MH-B	1200	D-400	54.593	600 x 600	D-400 - 600 x 600	52.645	1.798				2.000	52.645	150
F8	MH-B	1200	D-400	53.231	600 x 600	D-400 - 600 x 600	51.070	2.011	2.000	51.070	150	2.001	51.070	150
F9	MH-B	1200	D-400	53.095	600 x 600	D-400 - 600 x 600	50.075	2.870	1.005	50.075	150	1.006	50.075	150
F10	MH-B	1200	D-400	53.100	600 x 600	D-400 - 600 x 600	50.065	2.945	1.006	50.065	150	1.007	50.065	150
F11	MH-B	1200	D-400	53.055	600 x 600	D-400 - 600 x 600	51.105	1.800				3.000	51.105	150
F12	MH-B	1200	D-400	51.887	600 x 600	D-400 - 600 x 600	49.980	2.167	3.000	49.980	150	3.001	49.980	150
F13	MH-B	1200	D-400	51.754	600 x 600	D-400 - 600 x 600	49.000	2.604	1.007	49.000	150	1.008	49.000	150
F14	MH-A	1200	D-400	52.070	600 x 600	D-400 - 600 x 600	48.100	3.745	1.008	48.175	150	1.009	48.100	225
F15	MH-B	1200	D-400	51.009	600 x 600	D-400 - 600 x 600	47.855	2.889	1.009	47.855	225	1.010	47.855	225
F16	MH-B	1200	D-400	50.773	600 x 600	D-400 - 600 x 600	47.810	2.738	1.010	47.810	225	1.011	47.810	225
F17	MH-B	1200	D-400	54.750	600 x 600	D-400 - 600 x 600	53.000	1.600				4.000	53.000	150
F18	MH-B	1200	D-400	53.340	600 x 600	D-400 - 600 x 600	51.000	2.190	4.000	51.000	150	4.001	51.000	150
F19A	MH-B	1200	D-400	51.100	600 x 600	D-400 - 600 x 600	49.475	1.475				4.002	49.475	150
F19B	MH-B	1200	D-400	50.868	600 x 600	D-400 - 600 x 600	47.735	2.908	1.011	47.735	225	1.012	47.735	225
F20	MH-A	1200	D-400	51.903	600 x 600	D-400 - 600 x 600	47.530	4.048	1.012	47.530	225	1.013	47.530	225
F21	MH-B	1200	D-400	50.124	600 x 600	D-400 - 600 x 600	46.285	1.739				5.000	46.285	150
F22	MH-B	1200	D-400	49.485	600 x 600	D-400 - 600 x 600	45.645	1.600				5.001	47.945	150
F23	MH-A	1200	D-400	51.038	600 x 600	D-400 - 600 x 600	47.345	3.468	1.013	47.345	225	1.014	47.345	225
F24	MH-B	1200	D-400	50.084	600 x 600	D-400 - 600 x 600	54.145	1.789				6.000	54.145	150
F25	MH-B	1200	D-400	56.275	600 x 600	D-400 - 600 x 600	53.720	2.405	6.000	53.720	150	6.001	53.720	150
F26	MH-B	1200	D-400	56.182	600 x 600	D-400 - 600 x 600	53.220	2.812	6.001	53.220	150	6.002	53.220	150
F27	MH-B	1200	D-400	55.535	600 x 600	D-400 - 600 x 600	52.650	2.735	6.002	52.650	150	6.003	52.650	150
F28	MH-B	1200	D-400	54.638	600 x 600	D-400 - 600 x 600	51.850	2.538	6.003	51.850	150	6.004	51.850	150
F29	MH-B	1200	D-400	53.102	600 x 600	D-400 - 600 x 600	50.955	2.047	6.004	50.955	150	6.005	50.955	150
F30	MH-B	1200	D-400	53.067	600 x 600	D-400 - 600 x 600	51.050	1.867				7.000	51.050	150
F31	MH-B	1200	D-400	51.902	600 x 600	D-400 - 600 x 600	49.800	1.952	7.000	49.800	150	7.001	49.800	150
F32	MH-B	1200	D-400	52.343	600 x 600	D-400 - 600 x 600	49.225	2.968	6.005	49.225	150	6.006	49.225	150
F33	MH-A	1200	D-400	52.230	600 x 600	D-400 - 600 x 600	48.825	3.055	6.006	48.825	150	6.007	48.825	150
F34	MH-B	1200	D-400	49.830	600 x 600	D-400 - 600 x 600	46.945	2.660	1.014	46.945	225	1.015	46.945	225
F35	MH-B	1200	D-400	49.800	600 x 600	D-400 - 600 x 600	46.900	2.675	1.015	46.900	225	1.016	46.900	225
F36	MH-A	1200	D-400	49.800	600 x 600	D-400 - 600 x 600	46.250	3.325	1.016	46.250	225	1.017	46.250	225
F37	MH-B	1200	D-400	53.353	600 x 600	D-400 - 600 x 600	51.400	1.803				8.000	51.400	150
F38	MH-B	1200	D-400	49.163	600 x 600	D-400 - 600 x 600	47.160	1.853	8.000	47.160	150	8.001	47.160	150
F39	MH-B	1200	D-400	49.668	600 x 600	D-400 - 600 x 600	46.660	1.858	8.001	46.660	150	8.002	46.660	150
F40	MH-B	1200	D-400	48.140	600 x 600	D-400 - 600 x 600	45.600	2.004	1.017	45.600	225	1.018	45.600	225
EX	EX	EX	D-400	46.760			45.785	0.984	1.018	45.785	225			

CULVERT MANHOLE SCHEDULE														
MH REF	MANHOLE TYPE	MANHOLE SIZE	COVER TYPE	COVER LEVEL	COVER SLAB OPENING	COVER TYPE / SIZE	INVERT LEVEL	DEPTH TO SOFFIT (m)	PIPES IN			PIPES OUT		
									PIPE No	IL	DIAMETER	PIPE No	IL	DIAMETER
SW1	HEADWALL			51.500			50.200	0.850				1.000	50.200	450
SW2	MH-B	1500	D-400	52.807	600 x 600	D-400 - 600 x 600	49.925	2.432	1.000	49.925	450	1.001	49.925	450
SW3	MH-B	1500	D-400	52.872	600 x 600	D-400 - 600 x 600	49.780	2.682	1.001	49.780	450	1.002	49.780	450
SW4	MH-A	1500	D-400	53.080	600 x 600	D-400 - 600 x 600	49.225	3.414	1.002	49.225	450	1.003	49.225	450
SW5	MH-A	1500	D-400	53.060	600 x 600	D-400 - 600 x 600	49.125	3.525	1.003	49.125	450	1.004	49.125	450
SW6	MH-B	1500	D-400	51.705	600 x 600	D-400 - 600 x 600	48.665	2.860	1.004	48.665	450	1.005	48.665	450
SW7	MH-A	1500	D-400	52.538	600 x 600	D-400 - 600 x 600	47.865	4.123	1.005	47.865	450	1.006	47.865	450
SW8	MH-B	1500	D-400	49.580	600 x 600	D-400 - 600 x 600	46.345	2.705	1.006	46.345	450	1.007	46.345	450
SW9	MH-A	1500	D-400	50.000	600 x 600	D-400 - 600 x 600	46.975	3.475	1.007	46.975	450	1.008	46.975	450
SW10	MH-B	1500	D-400	48.000	600 x 600	D-400 - 600 x 600	45.425	2.125	1.008	45.425	450	1.009	45.425	450
SW11	MH-B	1500	D-400	47.000	600 x 600	D-400 - 600 x 600	44.760	1.760	1.009	44.760	450			

SURFACE WATER MANHOLE SCHEDULE														
MH REF	MANHOLE TYPE	SIZE	COVER TYPE	COVER LEVEL	COVER SLAB OPENING	COVER TYPE / SIZE	INVERT LEVEL	DEPTH TO SOFFIT (m)	PIPES IN			PIPES OUT		
									PIPE No	IL	DIAMETER	PIPE No	IL	DIAMETER
S1	MH-B/E	1500	D-400	55.983	1220 x 675	D-400 - TWIN 675 x 675	54.350	1.408				1.000	54.350	225
S2	MH-B/E	1500	D-400	54.714	1220 x 675	D-400 - TWIN 675 x 675	52.875	1.439	1.000	53.050	225	1.001	52.875	300
S3	MH-B/E	1500	D-400	54.408	1220 x 675	D-400 - TWIN 675 x 675	52.875	1.433	1.001	52.875	300	1.002	52.875	300
S4	MH-B/E	1500	D-400	52.992	1220 x 675	D-400 - TWIN 675 x 675	51.125	1.417	1.002	51.275	300	1.003	51.125	450
S5	MH-B	1500	D-400	52.820	600 x 600	D-400 - 600 x 600	50.825	1.545	1.003	50.825	450	1.004	50.825	450
S6	MH-B/E	1200	D-400	55.672	675 x 675	D-400 - 600 x 600	54.245	1.202				2.000	54.245	225
S7	MH-B/E	1200	D-400	54.570	675 x 675	D-400 - 600 x 600	53.145	1.200	2.000	53.145	225	2.001	53.145	225
S8	MH-B/E	1500	D-400	53.268	1220 x 675	D-400 - TWIN 675 x 675	51.570	1.398	2.001	51.645	225	2.002	51.570	300
S9	MH-B	1500	D-400	53.078	600 x 600	D-400 - 600 x 600	50.600	1.953	1.004	50.675	450	1.005	50.600	525
								2.002		50.825	300			
S10	MH-B	1500	D-400	53.100	600 x 600	D-400 - 600 x 600	50.500	2.076	1.005	50.500	525	1.006	50.500	525
S11	MH-B/E	1500	D-400	55.235	1220 x 675	D-400 - TWIN 675 x 675	53.805	1.205				3.000	53.805	225
S12	MH-B/E	1200	D-400	54.640	675 x 675	D-400 - 600 x 600	53.205	1.210	3.000	53.205	225	3.001	53.205	225
S13	MH-B/E	1500	D-400	54.154	1220 x 675	D-400 - TWIN 675 x 675	52.800	1.204				4.000	52.800	150
S14	MH-B	1200	D-400	53.310	600 x 600	D-400 - 600 x 600	51.530	1.480	3.001	51.605	225	3.002	51.530	300
								4.000		51.660	150			
S15	MH-B/E	1500	D-400	52.617	1220 x 675	D-400 - TWIN 675 x 675	51.060	1.237	3.002	51.060	300	3.003	51.060	300
S16	MH-B/E	1500	D-400	51.924	1220 x 675	D-400 - TWIN 675 x 675	50.130	1.344	3.003	50.260	300	3.004	50.130	400
S17	MH-B/E	1200	D-400	53.667	675 x 675	D-400 - 600 x 600	52.205	1.207				5.000	52.205	225
S18	MH-B/E	1200	D-400	53.177	675 x 675	D-400 - 600 x 600	51.735	1.217	5.000	51.735	225	5.001	51.735	225
S19	MH-B	1800	D-400	51.662	600 x 600	D-400 - 600 x 600	49.855	1.577	3.004	49.855	450	3.005	49.855	450
								5.001		50.900	225			
S20	MH-B	1800	D-400	51.732	600 x 600	D-400 - 600 x 600	49.425	1.707	1.006	49.500	525	1.007	49.425	600
								3.005		49.575	450			
S21	MH-B/E	1200	D-400	53.448	675 x 675	D-400 - 600 x 600	51.815	1.408				6.000	51.815	225
S22	MH-B	1500	D-400	52.563	600 x 600	D-400 - 600 x 600	48.550	2.628	1.007	48.625	600	1.008	48.550	675
								6.000		50.000	225			
S23	MH-B	1800	D-400	50.569	600 x 600	D-400 - 600 x 600	47.960	2.944	1.008	47.960	675	1.009	47.960	675
S24	MH-B	1800	D-400	50.734	600 x 600	D-400 - 600 x 600	47.565	2.884	1.009	47.565	675	1.010	47.565	675
S25	MH-A	1800	D-400	51.115	600 x 600	D-400 - 600 x 600	47.135	3.305	1.010	47.135	675	1.011	47.135	675
S26	MH-B/E	1200	D-400	54.545	675 x 675	D-400 - 600 x 600	52.880	1.405				7.000	52.880	150
S27	MH-A	1500	D-400	51.780	600 x 600	D-400 - 600 x 600	48.555	4.976	1.011	48.555	675	1.012	48.555	675
								7.000		49.480	150			
S28	MH-B/E	1200	D-400	50.446	675 x 675	D-400 - 600 x 600	49.015	1.206				8.000	49.015	225
S29	MH-B/E	1200	D-400	50.123	675 x 675	D-400 - 600 x 600	48.885	1.223	8.000	48.885	225	8.001	48.885	225
S30	MH-B/E	1200	D-400	49.485	675 x 675	D-400 - 600 x 600	47.985	1.220	8.001	48.040	225	8.002	47.985	300
S31	MH-A	1800	D-400	50.936	600 x 600	D-400 - 600 x 600	46.295	3.691	1.012	46.370	675	1.013	46.295	750
								8.002		46.745	300			
S32	MH-B/E	1500	D-400	56.079	1220 x 675	D-400 - TWIN 675 x 675	54.645	1.209				9.000	54.645	225
S33	MH-B/E	1200	D-400	56.078	675 x 675	D-400 - 600 x 600	54.645	1.208				10.000	54.645	225
S34	MH-B	1500	D-400	56.261	600 x 600	D-400 - 600 x 600	54.220	1.741	9.000	54.295	225	9.001	54.220	300
								10.000		54.295	225			
S35	MH-B	1500	D-400	56.170	600 x 600	D-400 - 600 x 600	53.720	1.150	9.001	53.720	300	9.002	53.720	300
S35a	MH-B/E	1200	D-400	55.822	600 x 600	D-400 - 600 x 600	54.195	1.257				11.000	54.195	150
S36	MH-B	1500	D-400	55.441	600 x 600	D-400 - 600 x 600	53.150	1.991	9.002	53.150	300	9.003	53.150	300
S37	MH-B	1500	D-400	54.419	600 x 600	D-400 - 600 x 600	52.350	1.769	9.003	52.350	300	9.004	52.350	300
S38	MH-B/E	1500	D-400	53.146	1220 x 675	D-400 - TWIN 675 x 675	51.405	1.441	9.004	51.405	300	9.005	51.405	300
S39	MH-B/E	1500	D-400	55.218	675 x 675	D-400 - 600 x 600	53.575	1.418				12.000	53.575	225
S40	MH-B/E	1200	D-400	54.625	675 x 675	D-400 - 600 x 600	53.025	1.375	12.000	53.025	225	12.001	53.025	225
S41	MH-B/E	1200	D-400	53.090	675 x 675	D-400 - 600 x 600	51.505	1.242	12.001	51.525	225	12.002	51.505	300
S42	MH-B/E	1500	D-400	51.904	1220 x 675	D-400 - TWIN 675 x 675	50.225	1.344	12.002	50.300	300	12.003	50.225	375
S43	MH-B	1500	D-400	52.244	600 x 600	D-400 - 600 x 600	49.725	2.104	9.005	50.705	300	9.006	49.725	375
								12.003		49.725	375			
S44	MH-B	1500	D-400	51.969	600 x 600	D-400 - 600 x 600	49.325	2.269	9.006	49.325	375	9.007	49.325	375
S45	MH-A	1500	D-400	49.642	600 x 600	D-400 - 600 x 600	45.845	3.047	1.013	45.845	750	1.014	45.845	750
								9.007		47.725	375			
S46	HEADWALL			47.900			46.800	0.800				13.000	46.800	450
Q01386-08-05		2100	D-400	49.738	600 x 600	D-400 - 600 x 600	45.725	3.263	1.014	45.725	750	1.015	45.725	750
								13.000		46.750	450			
S48	ACCESS DOUBLE	1800	D-400	49.442	1220 x 675	D-400 - TWIN 675 x 675	45.290	4.153	1.015	45.455	750	1.016	45.290	TANK
S48a	ACCESS SINGLE	1200	D-400	49.100	600 x 600	D-400 - 600 x 600								
S49	MH-B/E	1200	D-400	55.367	675 x 675	D-400 - 600 x 600	53.735	1.607				14.000	53.735	225
S50	MH-B	1500	D-400	53.464	600 x 600	D-400 - 600 x 600	50.760	2.404	14.000	50.865	225	14.001	50.760	300
S51	MH-B/E	1200	D-400	49.241	675 x 675	D-400 - 600 x 600	46.660	1.261	14.001	46.660	300	14.002	47.660	300
S52	MH-B/E	1500	D-400	48.708	1220 x 675	D-400 - TWIN 675 x 675	46.085	1.248	14.002	47.160	300	14.003	47.085	375
S53	MH-B/E	1500	D-400	48.045	1220 x 675	D-400 - TWIN 675 x 675	45.260	1.335	14.003	46.335	375	14.004	46.045	450
S54	MH-B/E	1500	D-400	47.800	1220 x 675	D-400 - TWIN 675 x 675	46.160	1.196	14.004	46.160	450	14.005	46.160	450
S54a	ACCESS DOUBLE	1800	D-400	48.000	1220 x 675	D-400 - TWIN 675 x 675								
S55	ACCESS DOUBLE	1800	D-400	47.800	1220 x 675	D-400 - TWIN 675 x 675	45.150	0.800	1.016	45.150	TANK	1.017	45.150	900
								14.005		46.900	450			
S56	Q01386-08-02	2700	D-400	47.800	1220 x 675	D-400 - TWIN 675 x 675	45.075	2.350	1.017	45.125	900	1.018	45.075	375
S57	MH-B/E	1500	D-400	46.795	1220 x 675	D-400 - TWIN 675 x 675	44.575	1.470	1.018	44.565	375	EX	44.575	750