

Surface Water Manhole Schedule:						
MH Ref:	Cover Level	Invert Level	MH Depth (m)	MH Material	MH Size (mm)	MH Cover
re1	3.550	3.100	0.450	Plastic	RE	A15
s1	3.550	3.000	0.550	Plastic	Ø450	A15
re2	3.550	3.003	0.547	Plastic	RE	A15
s2	3.550	2.903	0.647	Plastic	Ø450	A15
s3	3.550	2.796	0.754	Plastic	Ø450	B125
rd1	3.700	2.747	0.953	Plastic	RD	B125
re3	3.700	3.137	0.563	Plastic	RE	A15
s4	3.550	3.037	0.513	Plastic	Ø450	B125
s5	3.575	2.918	0.657	Plastic	Ø450	B125
re4	3.550	3.100	0.450	Plastic	RE	A15
s6	3.575	2.885	0.690	Plastic	Ø450	B125
rd2	3.700	2.747	0.953	Plastic	RD	B125
S1L*	3.700	2.490	1.210	Concrete	Ø1200	B125
S2L*	3.720	2.255	1.465	Concrete	Ø1200	B125
s7	3.650	2.997	0.653	Plastic	Ø450	A15
re7	3.650	3.200	0.450	Plastic	RE	A15
s8	3.650	2.875	0.775	Plastic	Ø450	B125
re8	3.750	3.300	0.450	Plastic	RE	A15
s9	3.750	2.679	1.071	Plastic	Ø450	A15
re9	3.750	2.978	0.772	Plastic	RE	A15
s10	3.750	2.877	0.873	Plastic	Ø450	A15
re10	3.750	3.300	0.450	Plastic	RE	A15
s11	3.750	2.754	0.996	Plastic	Ø450	A15
s12	3.750	2.662	1.088	Plastic	Ø450	B125
SSLA*	3.930	2.175	1.755	Concrete	Ø1200	B125
re12	3.650	3.200	0.450	Plastic	RE	A15
s14	3.650	2.973	0.677	Plastic	Ø450	A15
s15	3.750	2.941	0.809	Plastic	Ø450	A15
re13	3.750	3.300	0.450	Plastic	RE	A15
s16	3.750	3.210	0.540	Plastic	Ø450	B125
s17	3.750	2.855	0.895	Plastic	Ø450	B125
rd3	3.750	2.814	0.936	Plastic	RD	B125
re14	3.750	3.300	0.450	Plastic	RE	B125
s18	3.700	2.969	0.731	Plastic	Ø450	B125
re15	3.850	3.110	0.740	Plastic	RE	A15
s19	3.850	3.039	0.811	Plastic	Ø450	A15
s20	3.840	2.950	0.890	Plastic	Ø450	B125
re16	3.850	3.076	0.774	Plastic	RE	A15
s21	3.850	2.972	0.878	Plastic	Ø450	A15
s22	3.850	2.826	1.024	Plastic	Ø450	A15
rd4	3.840	2.814	1.026	Plastic	RD	B125
s23	3.940	2.617	1.323	Plastic	Ø450	A15
SSLB*	3.850	2.197	1.653	Concrete	Ø1200	B125
re17	3.650	3.200	0.450	Plastic	RE	A15
s24	3.820	2.825	0.995	Plastic	Ø450	B125
re18	3.650	3.200	0.450	Plastic	RE	A15
s25	3.650	2.696	0.954	Plastic	Ø450	B125
s26	3.550	2.642	0.908	Plastic	Ø450	A15
rd5	3.550	2.517	1.033	Plastic	RD	B125
re19	3.550	2.856	0.694	Plastic	RE	A15
s27	3.550	2.672	0.878	Plastic	Ø450	A15
re20	3.550	3.100	0.450	Plastic	RE	A15
s28	3.550	2.556	0.994	Plastic	Ø450	B125
rd6	3.550	2.517	1.033	Plastic	RD	B125
S7LA*	3.550	1.995	1.555	Concrete	Ø1200	B125
re21	3.650	3.200	0.450	Plastic	RE	A15
s29	3.625	2.735	0.890	Plastic	Ø450	B125
s30	3.650	2.627	1.023	Plastic	Ø450	A15
rd7	3.650	2.609	1.041	Plastic	RD	B125
re22	3.650	3.200	0.450	Plastic	RE	B125
rd8	3.625	2.609	1.016	Plastic	RD	B125
re23	3.650	3.200	0.450	Plastic	RE	A15
s31	3.650	2.645	1.005	Plastic	Ø450	A15
s32	3.650	2.598	1.052	Plastic	Ø450	A15
s33	3.650	2.497	1.153	Plastic	Ø450	A15
rd9	3.650	2.479	1.171	Plastic	RD	B125
re24	3.530	3.080	0.450	Plastic	RE	A15
s34	3.550	2.628	0.922	Plastic	Ø450	A15
re25	3.550	3.100	0.450	Plastic	RE	A15
s35	3.550	2.502	1.048	Plastic	Ø450	A15
S7LB*	3.600	2.009	1.591	Concrete	Ø1200	B125

* Denotes chamber with 400m Sump

Surface Water Catchpit Manhole Schedule:						
MH Ref:	Cover Level	Invert Level	MH Depth (m)	MH Material	MH Size (mm)	MH Cover
cp1*	3.700	2.347	1.353	Plastic	Ø600	B125
cp2*	3.700	2.269	1.431	Plastic	Ø600	B125
cp3*	3.400	2.370	1.030	Plastic	Ø600	B125
cp4*	3.500	2.296	1.204	Plastic	Ø600	B125
cp5*	3.710	2.414	1.296	Plastic	Ø600	B125
cp6*	3.910	2.252	1.658	Plastic	Ø600	B125
cp7*	3.550	2.117	1.433	Plastic	Ø600	B125
cp8*	3.500	2.022	1.478	Plastic	Ø600	B125
cp9*	3.550	2.209	1.341	Plastic	Ø600	B125
cp10*	3.635	2.079	1.556	Plastic	Ø600	B125

* Denotes chamber with 400m Sump

Note: All pipe lengths, slopes and gradient percentages are based on centre of chamber to centre of chamber.
Drainage contractor is responsible to check this information for construction purposes prior to any works

Surface Water Pipe Schedule:						
Pipe Ref:	Upstream IL	Downstream IL	Pipe Dia (mm)	Distance (m)	Pipe Gradient 1:X	Pipe Material
re1 - s1	3.100	3.000	100	10.040	100.0	Plastic
s1 - s3	3.000	2.796	100	2.146	10.5	Plastic
re2 - s2	3.003	2.903	100	10.040	100.0	Plastic
s2 - s3	2.903	2.796	100	10.744	100.0	Plastic
s3 - rd1	2.796	2.747	100	4.819	100.0	Plastic

re3 - s4	3.137	3.037	100	10.040	100.0	Plastic
s4 - s5	3.037	2.918	100	11.890	100.0	Plastic
s5 - s6	2.918	2.885	100	3.276	100.0	Plastic
re4 - s6	3.100	2.885	100	6.764	31.4	Plastic
s6 - rd2	2.885	2.747	100	13.740	100.0	Plastic

S1L* - S1	2.649	2.607	150	6.314	150.3	Plastic
S2L* - S2	2.655	2.611	150	6.566	149.2	Plastic
s7 - s8	2.997	2.875	100	12.256	100.0	Plastic
re7 - s8	3.200	2.875	100	11.808	36.3	Plastic
s8 - s9	2.875	2.679	100	19.548	100.0	Plastic
re8 - s9	3.300	2.679	100	10.040	16.2	Plastic
s9 - s12	2.679	2.662	100	1.728	100.0	Plastic
re9 - s10	2.978	2.877	100	10.090	100.0	Plastic
s10 - s11	2.877	2.754	100	12.291	100.0	Plastic
re10 - s11	3.300	2.754	100	10.040	18.4	Plastic
s11 - s12	2.754	2.662	100	9.162	100.0	Plastic
s12 - SSLA*	2.662	2.625	100	3.716	100.0	Plastic
SSLA* - S5	2.575	2.545	150	4.427	147.6	Plastic
re12 - s14	3.200	2.973	100	10.040	44.3	Plastic
s14 - s15	2.973	2.941	100	3.293	100.0	Plastic
s15 - s17	2.941	2.855	100	8.600	100.0	Plastic
re13 - s16	3.300	3.210	100	9.040	100.0	Plastic
s16 - s17	3.210	2.855	100	10.886	30.7	Plastic
s17 - rd3	2.855	2.814	100	4.082	100.0	Plastic

re14 - s18	3.300	2.969	100	10.040	30.3	Plastic
s18 - s22	2.969	2.826	100	14.249	100.0	Plastic
re15 - s19	3.110	3.039	100	7.023	100.0	Plastic
s19 - s20	3.039	2.950	100	8.893	100.0	Plastic
s20 - s22	2.950	2.826	100	12.433	100.0	Plastic
re16 - s21	3.076	2.972	100	10.384	100.0	Plastic
s21 - s22	2.972	2.826	100	14.627	100.0	Plastic
s22 - rd4	2.826	2.814	100	1.233	100.0	Plastic

s23 - SSLB*	2.617	2.597	150	3.053	150.0	Plastic
SSLB* - S5	2.597	2.545	150	7.720	148.5	Plastic
re17 - s24	3.200	2.825	100	10.490	28.0	Plastic
s24 - s25	2.825	2.696	100	12.937	100.0	Plastic
re18 - s25	3.200	2.696	100	10.490	20.8	Plastic
s25 - s26	2.696	2.642	100	5.369	100.0	Plastic
s26 - rd5	2.642	2.517	100	12.490	100.0	Plastic

re19 - s27	2.856	2.672	100	18.379	100.0	Plastic
s27 - s28	2.672	2.556	100	11.554	100.0	Plastic
s20 - s28	3.100	2.556	100	18.379	33.8	Plastic
s28 - rd6	2.556	2.517	100	3.947	100.0	Plastic

S7LA* - S7	2.395	2.363	150	4.708	147.1	Plastic
re21 - s29	3.200	2.735	100	11.141	24.0	Plastic
s29 - s30	2.735	2.627	100	10.809	100.0	Plastic
s30 - rd7	2.627	2.609	100	1.781	100.0	Plastic

re22 - rd8	3.200	2.609	100	10.197	17.3	Plastic
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re23 - s31	3.200	2.645	100	6.166	11.1	Plastic
s31 - s32	2.645	2.598	100	4.695	100.0	Plastic
s32 - s33	2.598	2.497	100	10.159	100.0	Plastic
s33 - rd9	2.497	2.479	100	1.781	100.0	Plastic

re24 - s34	3.080	2.628	100	18.383	40.7	Plastic
s34 - s35	2.628	2.502	100	12.568	100.0	Plastic
re25 - s35	3.100	2.502	100	18.373	30.7	Plastic
s35 - S7LB*	2.502	2.459	100	4.348	100.0	Plastic
S7LB* - S7	2.409	2.363	150	6.829	148.5	Plastic

Surface Water Catchpit Pipe Schedule:						
Pipe Ref:	Upstream IL	Downstream IL	Pipe Dia (mm)	Distance (m)	Pipe Gradient 1:X	Pipe Material
cp1* - cp2*	2.747	2.669	150	11.783	150.0	Plastic
cp2* - S1L*	2.669	2.649	150	2.986	150.0	Plastic
cp3* - cp4*	2.770	2.696	150	11.156	150.0	Plastic
cp4* - S2L*	2.696	2.655	150	6.166	150.0	Plastic
cp5* - cp6*	2.814	2.652	150	24.227	150.0	Plastic
cp6* - s23	2.652	2.617	150	5.232	150.0	Plastic
cp7* - cp8*	2.517	2.422	150	14.282	150.0	Plastic
cp8* - S7LB*	2.422	2.409	150	1.921	150.0	Plastic
cp9* - cp10*	2.609	2.479	150	19.537	150.0	Plastic
cp10* - S7LA*	2.479	2.395	150	12.592	150.0	Plastic

Foul Water Manhole Schedule:						
MH Ref:	Cover Level	Invert Level	MH Depth (m)	MH Material	MH Size (mm)	MH Cover
f1	3.550	2.850	0.700	Plastic	Ø450	A15
f1a	3.550	2.850	0.700	Plastic	Ø300	A15
f2	3.550	2.794	0.756	Plastic	Ø450	A15
f2a	3.675	2.975	0.700	Plastic	Ø300	A15
f2b	3.675	2.975	0.700	Plastic	Ø300	A15
f3	3.575	2.497	1.078	Plastic	Ø450	A15
f4	3.550	2.850	0.700	Plastic	Ø450	A15
f4a	3.550	2.850	0.700	Plastic	Ø300	A15
f5 (BD)	3.550	2.394	1.156	Plastic	Ø450	A15
F1L	3.400	-0.680	4.080	Concrete	Ø1200	A15
f6	3.650	2.950	0.700	Plastic	Ø450	A15
f6a	3.650	2.950	0.700	Plastic	Ø300	A15
f7a	3.850	3.150	0.700	Plastic	Ø300	A15
f7	3.840	3.059	0.781	Plastic	Ø450	B125
f7b	3.850	3.150	0.700	Plastic	Ø300	B125
f8	3.750	3.050	0.700	Plastic	Ø450	A15
f8a	3.750	3.050	0.700	Plastic	Ø300	A15
f9	3.840	2.895	0.945	Plastic	Ø450	B125
f10	3.750	2.642	1.108	Plastic	Ø450	A15
f11	3.750	2.629	1.121	Plastic	Ø450	A15
f11a	3.750	3.050	0.700	Plastic	Ø300	A15
f12 (BD)	3.750	2.509	1.241	Plastic	Ø450	A15
f12a	3.750	2.950	0.800	Plastic	Ø300	A15
F5L	3.750	-0.500	4.250	Concrete	Ø1200	A15
f13	3.650	2.950	0.700	Plastic	Ø450	A15
f13a	3.650	2.850	0.800	Plastic	Ø300	A15
f14	3.650	2.871	0.779	Plastic	Ø450	A15
f14a	3.750	2.950	0.800	Plastic	Ø300	A15
f15	3.750	2.664	1.086	Plastic	Ø450	A15
f16	3.750	3.050	0.700	Plastic	Ø450	A15
f16a	3.750	2.950	0.800	Plastic	Ø300	A15
f16b	3.750	2.950	0.800	Plastic	Ø300	A15
f16c	3.750	2.950	0.800	Plastic	Ø300	A15
f17	3.750	2.815	0.935	Plastic	Ø450	A15
f18 (BD)	3.750	2.614	1.136	Plastic	Ø450	A15
F8L	3.930	-0.500	4.430	Concrete	Ø1200	A15
f19	3.550	2.850	0.700	Plastic	Ø450	B125
f20	3.550	2.850	0.700	Plastic	Ø450	A15
f20a	3.550	2.750	0.800	Plastic	Ø300	A15
f21	3.550	2.756	0.794	Plastic	Ø450	A15
f21a	3.550	2.750	0.800	Plastic	Ø300	A15
f21b	3.550	2.750	0.800	Plastic	Ø300	A15
f22	3.550	2.456	1.094	Plastic	Ø450	A15
f23	3.650	2.325	1.325	Plastic	Ø450	A15
f23a	3.650	2.850	0.800	Plastic	Ø300	A15
f24	3.650	2.950	0.700	Plastic	Ø450	A15
f25 (BD)	3.650	2.262	1.388	Plastic	Ø450	A15
F7L	3.650	-1.000	4.650	Concrete	Ø1200	A15
f26	3.650	2.950	0.700	Plastic	Ø450	A15
f26a	3.650	2.850	0.800	Plastic	Ø300	A15
f27	3.650	2.950	0.700	Plastic	Ø450	A15
f27a	3.650	2.850	0.800	Plastic	Ø300	A15
f28	3.650	2.793	0.857	Plastic	Ø450	B125
f29	3.550	2.850	0.700	Plastic	Ø450	A15
f29a	3.550	2.750	0.800	Plastic	Ø300	A15
f30	3.550	2.686	0.864	Plastic	Ø450	A15
f30a	3.550	2.750	0.800	Plastic	Ø300	A15
f31	3.625	0.500	3.125	Plastic	Ø450	B125
F8L	3.625	-1.000	4.625	Concrete	Ø1200	A15