

 SAFETY, HEALTH AND ENVIRONMENTAL HAZARD INFORMATION BOX THE HAZARDS NOTED BELOW ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPES OF WORKS DETAILED ON THIS DRAWING.
CONSTRUCTION RISKS
NONE RELEVANT TO THIS DRAWING.
MAINTENANCE / CLEANING RISKS
NONE RELEVANT TO THIS DRAWING.
DEMOLITION RISKS
NONE RELEVANT TO THIS DRAWING.

Surface Water Manhole Schedule:

MH Ref:	Cover Level	Invert Level	MH Depth (m)	MH Material	MH Size (mm)	MH Cover
re1	104.850	104.100	0.750	Plastic	re	A15
s1	104.875	104.033	0.842	Plastic	450	B125
s2	105.000	103.966	1.034	Plastic	450	B125
re2	104.850	104.100	0.750	Plastic	re	A15
s3	104.850	103.903	0.947	Plastic	450	B125
S102L	105.400	103.680	1.720	Plastic	600	B125
re3	106.250	104.775	1.475	Plastic	re	A15
s4	106.250	104.636	1.614	Plastic	450	B125
s5a	106.050	105.300	0.750	Plastic	600	B125
s5	106.020	104.558	1.462	Plastic	600	B125
s6	105.800	104.332	1.468	Plastic	450	B125
re4	106.050	105.300	0.750	Plastic	re	A15
re5	105.600	104.850	0.750	Plastic	re	A15
s7	106.050	104.596	1.454	Plastic	450	B125
s8	106.050	104.346	1.704	Plastic	450	B125
s9	106.200	104.136	2.064	Plastic	450	B125
S103L	105.800	103.377	2.423	Plastic	600	B125
re6	103.450	102.750	0.700	Plastic	re	A15
s10	103.350	102.663	0.687	Plastic	450	B125
re7	103.450	102.750	0.700	Plastic	re	A15
s11	103.450	102.559	0.891	Plastic	450	B125
re8	103.550	103.100	0.450	Plastic	re	A15
s12	104.200	102.501	1.699	Plastic	450	B125
s13	104.100	102.454	1.646	Plastic	450	B125
s14	104.100	102.413	1.687	Plastic	450	B125
re9	104.300	103.400	0.900	Plastic	re	A15
s15	104.250	102.349	1.901	Plastic	450	B125
s16	105.150	102.243	2.907	Plastic	450	B125
re10	105.450	104.700	0.750	Plastic	re	A15
s17	105.100	102.204	2.896	Plastic	450	B125
S104LA	105.250	102.180	3.070	Plastic	600	B125
re11	104.250	103.500	0.750	Plastic	re	A15
s18	105.000	103.138	1.862	Plastic	450	B125
re12	105.100	104.350	0.750	Plastic	re	A15
s19	105.300	104.175	1.125	Plastic	450	B125
re13	105.100	104.350	0.750	Plastic	re	A15
S104LB	105.150	102.852	2.298	Plastic	600	B125
re14	104.600	103.850	0.750	Plastic	re	A15
s20	104.600	103.772	0.828	Plastic	450	B125
s21	105.000	103.648	1.352	Plastic	450	B125
s22	105.150	103.364	1.786	Plastic	450	B125
re15	104.350	103.600	0.750	Plastic	re	A15
s23	104.350	103.380	0.970	Plastic	450	B125
s25	104.600	103.051	1.549	Plastic	450	B125
re16	104.500	103.750	0.750	Plastic	re	A15
s24	104.575	103.208	1.367	Plastic	450	B125
S201LA	104.600	102.956	1.644	Plastic	600	B125
re17	105.150	104.400	0.750	Plastic	re	A15
s26	104.700	103.119	1.581	Plastic	450	B125
S201LB	104.400	103.559	0.841	Plastic	600	B125
re19	104.550	103.800	0.750	Plastic	re	A15
re20	103.750	103.000	0.750	Plastic	re	A15
S202L	103.700	102.823	0.877	Plastic	600	B125
re21	103.700	102.950	0.750	Plastic	re	A15
s30	103.400	101.336	2.064	Plastic	450	B125
s31	103.400	101.168	2.232	Plastic	450	B125
s32	102.700	100.793	1.907	Plastic	450	B125
s33	102.700	100.655	2.045	Plastic	450	B125
s34	102.750	100.295	2.455	Plastic	450	B125
re22	102.850	102.100	0.750	Plastic	re	A15
TankL	102.900	100.093	2.807	Plastic	600	B125

Surface Water Pipe Schedule:

Pipe Ref:	Upstream IL	Downstream IL	Pipe Dia (mm)	Distance (m)	Pipe Gradient 1:X	Pipe Material
re1 -s1	104.100	104.033	150	6.903	103.1	Plastic
s1 -s2	104.033	103.966	150	9.265	138.3	Plastic
s2 -s3	103.966	103.903	150	9.400	150.0	Plastic
re2 -s3	104.100	103.903	150	7.113	36.2	Plastic
s3 -S102L	103.903	103.680	150	17.853	80.0	Plastic
S102L -S102	103.680	103.103	150	5.772	10.0	Plastic
re3 -s4	104.775	104.636	150	13.889	100.0	Plastic
s4 -s5	104.636	104.558	150	7.011	89.5	Plastic
s5a -s5	105.300	104.558	150	8.011	10.8	Plastic
s5 -s6	104.558	104.332	150	7.911	35.0	Plastic
s6 -S103L	104.332	103.377	150	9.552	10.0	Plastic
re4 -s7	105.300	104.596	150	10.621	15.1	Plastic
re5 -s7	104.850	104.596	150	19.063	75.0	Plastic
s7 -s8	104.596	104.346	150	4.994	20.0	Plastic
s8 -s9	104.346	104.136	150	8.390	40.0	Plastic
s9 -S103L	104.136	103.377	150	7.597	10.0	Plastic
S103L -S103	103.377	103.001	150	7.136	19.0	Plastic
re6 -s10	102.750	102.663	100	10.499	121.1	Plastic
s10 -s11	102.663	102.559	150	15.650	150.0	Plastic
re7 -s10	102.750	102.663	100	6.135	70.8	Plastic
s11 -s12	102.559	102.501	150	8.661	150.0	Plastic
re8 -s11	103.100	102.559	150	7.000	12.9	Plastic
s12 -s13	102.501	102.454	150	7.060	150.0	Plastic
s13 -s14	102.454	102.413	150	6.165	150.0	Plastic
s14 -s15	102.413	102.349	150	9.676	150.0	Plastic
re9 -s14	103.400	103.263	150	2.890	21.1	Plastic
s15 -s16	102.349	102.243	150	15.819	150.0	Plastic
s16 -s17	102.243	102.204	150	5.798	150.0	Plastic
re10 -S104LA	104.700	103.855	150	9.050	10.7	Plastic
s17 -S104LA	102.204	102.180	150	3.716	150.0	Plastic
S104LA -S104	102.180	102.150	225	6.675	225.0	Plastic
re11 -s18	103.500	103.138	150	10.663	29.4	Plastic
s18 -S104LA	103.138	102.180	150	9.580	10.0	Plastic
re12 -s19	104.350	104.175	150	12.071	69.1	Plastic
s19 -S104LB	104.175	102.852	150	46.325	35.0	Plastic
re13 -S104LB	104.350	103.452	150	9.489	10.6	Plastic
S104LB -S104	102.852	102.150	150	7.017	10.0	Plastic
re14 -s20	103.850	103.772	150	7.063	90.4	Plastic
s20 -s21	103.772	103.648	150	4.960	40.0	Plastic
s21 -s22	103.648	103.364	150	11.373	40.0	Plastic
s22 -s25	103.364	103.051	150	12.493	40.0	Plastic
re15 -s23	103.600	103.380	150	12.782	58.2	Plastic
s23 -s25	103.380	103.051	150	16.459	50.0	Plastic
s25 -S201LA	103.051	102.956	150	9.473	100.0	Plastic
re16 -s24	103.750	103.208	150	15.849	29.3	Plastic
s24 -s25	103.208	103.051	150	4.718	30.0	Plastic
S201LA -S201	102.956	102.860	150	7.717	80.0	Plastic
re17 -s26	104.400	103.119	150	15.642	12.2	Plastic
s26 -S201LA	103.119	102.956	150	1.629	10.0	Plastic
S201LB -S201	103.559	102.935	150	17.472	28.0	Plastic
re19 -S201LB	103.800	103.559	150	7.738	32.1	Plastic
re20 -S202L	103.000	102.823	150	8.122	45.9	Plastic
S202L -S202	102.823	102.750	150	7.311	100.0	Plastic
re21 -s30	102.950	101.336	150	22.712	14.1	Plastic
s30 -s31	101.336	101.168	150	8.412	50.0	Plastic
s31 -s32	101.168	100.793	150	18.750	50.0	Plastic
s32 -s33	100.793	100.655	150	6.896	50.0	Plastic
s33 -s34	100.655	100.295	150	18.000	50.0	Plastic
s34 -TankL	100.295	100.093	150	10.075	50.0	Plastic
re22 -TankL	102.100	101.393	150	7.772	11.0	Plastic
TankL -Tank	100.093	100.000	150	9.323	100.0	Plastic

Foul Water Manhole Schedule:

MH Ref	Cover Level	Invert Level	MH Depth (m)	MH Material	MH Size (mm)	MH Cover
f1	105.000	104.300	0.700	Plastic	450	A15
f2	105.000	104.181	0.819	Plastic	450	A15
f3	105.000	104.014	0.986	Plastic	450	A15
f4	105.000	104.300	0.700	Plastic	450	A15
F1a	105.000	103.822	1.178	Plastic	600	A15
f5	105.300	104.600	0.700	Plastic	450	A15
F2a	105.300	104.420	0.880	Plastic	600	A15
f6	106.100	105.400	0.700	Plastic	450	A15
f6a	106.100	105.400	0.700	Plastic	315	A16
f6b	106.100	105.400	0.700	Plastic	315	A17
f6c	106.100	105.400	0.700	Plastic	415	A18
f7	106.100	104.968	1.132	Plastic	450	A15
f8	106.100	104.728	1.372	Plastic	450	A15
F3a	105.650	104.537	1.113	Plastic	600	A15
f9*	105.650	104.950	0.700	Plastic	450	A15
F4a	105.600	104.778	0.822	Plastic	600	A15
f11	104.350	103.650	0.700	Plastic	450	A15
f11a	104.350	103.650	0.700	Plastic	451	A16
F5a	104.200	103.446	0.754	Plastic	600	A15
f13	104.950	104.250	0.700	Plastic	450	A15
f14	104.950	104.168	0.782	Plastic	450	A15
f15	104.950	104.102	0.848	Plastic	450	A15
f15a	104.950	104.250	0.700	Plastic	315	A15
f16	105.000	103.946	1.054	Plastic	450	A15
f16a	105.000	104.241	0.759	Plastic	315	A15
f17	104.950	103.815	1.135	Plastic	450	A15
f18	104.950	103.709	1.241	Plastic	450	A15
f19	105.150	103.576	1.574	Plastic	450	A15
f20	105.150	103.463	1.687	Plastic	450	A15
f21	105.100	104.400	0.700	Plastic	450	A15
f21a	105.100	104.400	0.700	Plastic	315	A15
f21b	105.100	104.400	0.700	Plastic	315	A15
F6a	105.050	103.329	1.721	Plastic	600	A15
f25	104.550	103.850	0.700	Plastic	450	A15
f25a	104.550	103.850	0.700	Plastic	315	A15
f25b	104.550	103.850	0.700	Plastic	315	A15
f25c	104.550	103.850	0.700	Plastic	315	A15
F6b	104.550	103.495	1.055	Plastic	600	A15
f26	104.850	103.676	1.174	Plastic	450	A15
f26a	104.850	104.150	0.700	Plastic	315	A15
f26b	104.250	103.550	0.700	Plastic	315	A15
F9a	104.250	103.450	0.800	Plastic	600	A15
f29	103.600	102.900	0.700	Plastic	450	A15
f29a	103.500	102.800	0.700	Plastic	315	A15
f30	103.400	102.624	0.776	Plastic	450	A15
f31	103.400	102.595	0.805	Plastic	450	A15
f31a	103.450	102.750	0.700	Plastic	315	A15
f31b	103.550	102.850	0.700	Plastic	315	A15
f31c	103.100	102.400	0.700	Plastic	315	A15
f32	102.900	102.191	0.709	Plastic	450	A15
F10a	102.900	102.119	0.781	Plastic	600	A15
f33	103.650	102.950	0.700	Plastic	450	A15
f33a	103.700	103.000	0.700	Plastic	315	A15
f33b	103.600	102.900	0.700	Plastic	315	A15
f33c	103.450	102.750	0.700	Plastic	315	A15
f34	103.450	101.802	1.648	Plastic	450	B125
f35	102.700	102.000	0.700	Plastic	450	B125
f36	102.850	101.683	1.167	Plastic	450	A15
f37	103.000	101.457	1.543	Plastic	450	A15
f38	102.850	101.198	1.652	Plastic	450	A15
F11a	102.700	100.996	1.704	Plastic	600	A15