

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Node Type	Cover Class	Access Cover Size (mm) Type	Chamber Type	Connections	Link	IL (m)	Dia (mm)	
S2	394936.747	178816.667	54.601	1.491	1350	Manhole	D400	600 x 600	Type C					
										0	1.000	53.110	300	
S4	394935.011	178829.804	54.744	1.690	1350	Manhole	D400	600 x 600	Type C		1	1.000	53.054	300
										0	1.001	53.054	300	
S6	394942.014	178843.115	54.885	1.900	1200	Manhole	D400	600 x 600	Type B		1	1.001	52.985	300
										0	1.002	52.985	300	
S8	394952.014	178845.092	54.893	1.953	1200	Manhole	D400	600 x 600	Type B		1	1.002	52.940	300
										0	1.003	52.940	300	
S10	395006.009	178747.664	54.531	1.500	1350	Manhole	D400	600 x 600	Type C					
										0	2.000	53.031	300	
S12	395001.196	178779.544	54.448	1.625	1350	Manhole	D400	600 x 600	Type C		1	2.000	52.898	300
										0	2.001	52.823	375	
S14	395000.895	178793.855	54.533	1.783	1200	Manhole	D400	600 x 600	Type B		1	2.001	52.750	375
										0	2.002	52.750	375	
S16	395010.052	178812.972	54.431	1.846	1350	Manhole	D400	600 x 600	Type B		1	2.002	52.585	375
										2	1.003	52.660	300	
S18	395107.680	178846.984	53.950	1.504	1500	Manhole	D400	600 x 600	Type C					
										0	1.004	52.585	375	
S20	395027.683	178878.304	54.796	1.575	1350	Manhole	D400	600 x 600	Type C					
										0	4.000	53.221	375	
S22	395039.390	178839.784	54.281	1.576	1350	Manhole	D400	600 x 600	Type C		1	4.000	52.705	375
										0	4.001	52.705	375	
S24	395050.367	178828.888	54.191	2.017	1350	Manhole	D400	600 x 600	Type B		1	4.001	52.249	375
										2	3.000	52.249	375	
S26	395033.959	178799.861	54.564	2.544	1350	Manhole	D400	600 x 600	Type B		1	3.001	52.174	450
										2	1.004	52.170	375	
S28	395082.605	178772.569	53.904	2.004	1500	Manhole	D400	600 x 600	Type B		1	1.005	52.020	525
										0	1.005	51.900	525	
S30	395092.778	178743.854	53.466	1.159	1350	Manhole	D400	600 x 600	Type C					
										0	5.000	52.307	225	
S32	395087.198	178764.243	53.828	1.948	1500	Manhole	D400	600 x 600	Type B		1	5.000	52.180	225
										2	1.006	51.880	525	
HW1	395099.736	178770.259	53.208	1.358		Headwall					1	1.007	51.880	525
										0	1.007	51.850	525	
HW2	395125.277	178779.264	53.208	1.508		Headwall					1	1.008	51.850	750
										0	1.008	51.700	750	
S34	395105.553	178785.771	53.686	1.425	1350	Manhole	D400	600 x 600	Type C					
										0	6.000	52.262	225	
S36 (HB)	395129.804	178788.026	53.871	2.227	3000	Manhole	D400	1200 x 675	Special		1	6.000	51.944	225
						Hydrobrake Chamber				2	1.009	51.644	525	
S38	395114.313	178847.155	53.914	2.404	1500	Manhole	D400	600 x 600	Type B		1	1.010	51.644	525
										0	1.010	51.510	525	
S40	395106.261	178876.164	53.878	2.435	1500	Manhole	D400	600 x 600	Type B		1	1.011	51.510	525
										0	1.011	51.443	525	
S42	395077.094	178976.796	53.726	2.513	1500	Manhole	D400	600 x 600	Type B		1	1.012	51.443	525
										0	1.012	51.213	525	
HW3	395045.886	179082.495	52.500	1.529		Headwall					1	1.013	51.213	525
										0	1.013	50.971	525	

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Node Type	Cover Class	Access Cover Size (mm) Type	Chamber Type	Connections	Link	IL (m)	Dia (mm)	
F1	395003.161	178751.870	54.551	2.051	1200	Manhole	D400	600 x 600	Type B					
										0	1.000	52.500	150	
F3	394998.239	178782.377	54.439	2.145	1200	Manhole	D400	600 x 600	Type B		1	1.000	52.294	150
										0	1.001	52.294	150	
F5	394999.048	178796.877	54.493	2.296	1200	Manhole	D400	600 x 600	Type B		1	1.001	52.197	150
										0	1.002	52.197	150	
F7	395006.540	178812.632	54.434	3.653	1200	Manhole	D400	600 x 600	Type A		1	1.002	50.781	150

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Node Type	Cover Class	Access Cover Size (mm) Type	Chamber Type	Connections	Link	IL (m)	Dia (mm)	
F9	395024.359	178879.366	54.823	2.023	1200	Manhole	D400	600 x 600	Type B		0	20.000	52.800	150
F11	395038.120	178837.341	54.260	2.060	1200	Manhole	D400	600 x 600	Type B		1	20.000	52.200	150
										0	20.001	52.200	150	
F13	395109.456	178845.679	53.888	1.888	1200	Manhole	D400	600 x 600	Type B					
										0	21.000	52.000	150	
F15	395059.266	178830.472	54.166	2.516	1200	Manhole	D400	600 x 600	Type B		1	21.000	51.650	150
										0	21.001	51.650	150	
F17	395050.291	178824.422	54.210	2.660	1200	Manhole	D400	600 x 600	Type B		1	21.001	51.550	150
										2	20.001	51.550	150	
F19	395035.387	178796.794	54.565	3.932	1200	Manhole	D400	600 x 600	Type A		0	20.002	51.550	150
										1	20.002	50.633	150	
F21	395079.378	178772.643	53.985	3.726	1200	Manhole	D400	600 x 600	Type A		1		50.259	300
										2		50.499	150	
										0		50.259	300	

Link	Length (m)	Slope (1:X)	Dia (mm)	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)	US Node	DS Node
1.000	30.901	150.0	150	54.551	52.500	1.901	54.439	52.294	1.995	F1	F3
1.001	14.522	149.7	150	54.439	52.294	1.995	54.493	52.197	2.146	F3	F5
1.002	17.446	12.3	150	54.493	52.197	2.146	54.434	50.781	3.503	F5	F7

Link	Length (m)	Slope (1:X)	Dia (mm)	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)	US Node	DS Node
20.000	44.221	73.7	150	54.823	52.800	1.873	54.260	52.200	1.910	F9	F11
20.001	17.749	27.3	150	54.260	52.200	1.910	54.210	51.550	2.510	F11	F17
21.000	52.443	149.8	150	53.888	52.000	1.738	54.166	51.650	2.366	F13	F15
21.001	10.824	108.2	150	54.166	51.650	2.366	54.210	51.550	2.510	F15	F17
20.002	31.391	34.2	150	54.210	51.550	2.510	54.565	50.633	3.782	F17	F19

Link	Length (m)	Slope (1:X)	Dia (mm)	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)	US Node	DS Node
1.000	13.251	236.6	300	54.601	53.110	1.191	54.744	53.054	1.390	S2	S4
1.001	15.041	218.0	300	54.744	53.054	1.390	54.885	52.985	1.600	S4	S6
1.002	10.194	226.5	300	54.885	52.985	1.600	54.893	52.940	1.653	S6	S8
1.003	66.333	236.9	300	54.893	52.940	1.653	54.431	52.660	1.471	S8	S16
2.000	32.241	242.4	300	54.531	53.031	1.200	54.448	52.898	1.250	S10	S12
2.001	14.314	196.1	375	54.448	52.823	1.250	54.533	52.750	1.408	S12	S14
2.002	21.197	128.5	375	54.533	52.750	1.408	54.431	52.585	1.471	S14	S16
1.004	27.266	65.7	375	54.431	52.585	1.471	54.564	52.170	2.019	S16	S26
3.000	59.582	302.4	375	53.950	52.446	1.129	54.191	52.249	1.567	S18	S24
4.000	40.260	78.0	375	54.796	53.221	1.200	54.281	52.705	1.201	S20	S22
4.001	15.502	34.0	375	54.281	52.705	1.201	54.191	52.249	1.567	S22	S24
3.001	33.960	429.9	450	54.191	52.174	1.567	54.564	52.095	2.019	S24	S26
1.005	55.779	464.8	525	54.564	52.020	2.019	53.904	51.900	1.479	S26	S28
1.006	9.509	475.4	525	53.904	51.900	1.479	53.828	51.880	1.423	S28	S32
5.000	21.139	166.4	225	53.466	52.307	0.934	53.828	52.180	1.423	S30	S32
1.007	13.907	463.6	525	53.828	51.880	1.423	53.208	51.850	0.833	S32	HW1
1.009	9.862	176.1	525	53.208	51.700	0.983	53.871	51.644	1.702	HW2	S36 (HB)
6.000	24.356	72.5	225	53.686	52.262	1.200	53.871	51.944	1.702	S34	S36 (HB)
1.010	61.125	456.2	525	53.871	51.644	1.702	53.914	51.510	1.879	S36 (HB)	S38
1.011	30.106	449.3	525	53.914	51.510	1.879	53.878	51.443	1.910	S38	S40
1.012	104.774	455.5	525	53.878	51.443	1.910	53.726	51.213	1.988	S40	S42
1.013	110.210	455.4	525	53.726	51.213	1.988	52.500	50.971	1.004	S42	HW3