

PROPOSED FOUL MANHOLE					
Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
F1	103.200	1200	641811.856	753182.470	1.475
F2	101.780	1200	641864.898	753190.720	1.851
F3	101.410	1200	641896.497	753195.254	1.783
F4	101.100	1200	641992.177	753196.125	1.425
F5	101.500	1200	641933.618	753195.717	2.267
F6	101.370	1200	641933.811	753209.419	2.265
F7	100.900	1200	641938.310	753243.078	2.021
F8	100.290	1200	641948.653	753270.515	2.106
F9	101.420	1200	641864.980	753200.616	1.875
F10	100.350	1200	641896.826	753236.653	1.170
F11	100.364	1200	641874.126	753267.646	1.439
F12	100.410	1200	641879.348	753285.324	1.735
F13	100.150	1200	641892.598	75310.304	1.758
F14	99.640	1200	641907.696	753332.125	1.417
F15	99.400	1200	641916.715	753333.801	1.227
F16	99.570	1200	641964.252	753292.994	1.687
F17	99.650	1200	642002.150	753319.871	1.982
F18	100.900	1200	642093.722	753452.200	1.473
F19	101.070	1200	642086.684	753412.272	1.741
F21	101.020	1200	642112.488	753369.883	1.120
F22	101.540	1200	642080.087	753376.383	2.598
F23	101.040	1200	642037.828	753385.108	2.326
F24	100.900	1200	642033.264	753382.286	2.230
F25	99.870	1200	642012.667	753333.334	1.501
F26	99.590	1200	642013.232	753325.037	1.983
F27	99.590	1200	642046.467	753313.098	2.160
F28	100.820	1200	641993.207	753204.780	1.320
F29	100.400	1200	641993.514	753222.055	1.188
F30	100.000	1200	642000.528	753243.476	1.164
F31	99.840	1200	642004.644	753249.035	1.119
F32	99.900	1200	642012.680	753255.490	1.351
F33	99.600	1200	642016.067	753267.467	1.258
F34	99.600	1200	642052.402	753297.327	2.042
F35	99.860	1200	642056.339	753309.674	2.460
F36	100.500	1200	642117.607	753348.941	1.500
F37	100.000	1200	642108.418	753304.962	1.723
F38	99.200	1200	642097.622	753294.433	2.026
F39	99.100	1200	642115.272	753274.064	2.140
EXF40	98.860	1200	642109.872	753260.453	1.920
F41	98.900	1200	642119.375	753260.672	2.020
F42	98.900	1200	642121.627	753253.424	2.054
F43	98.400	1200	642122.457	753202.637	1.804
F44	98.400	1200	642133.804	753202.739	1.853
F45	98.460	1200	642179.867	753256.618	1.425
F46	98.530	1200	642179.736	753202.849	2.199
F47	98.550	1200	642192.774	753194.557	2.291
EXF47_OUT	98.650	1200	642220.523	753194.162	2.520

PROPOSED FOUL PIPES										
Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)
1.019	F47	EX F47_OUT	27.752	96.259	96.130	0.129	215.1	225	2.066	2.295
1.018	F46	F47	15.451	96.331	96.259	0.072	214.6	225	1.974	2.066
1.017	F44	F46	45.933	96.547	96.331	0.216	213.0	225	1.628	1.974
9.000	F45	F46	53.769	97.035	96.781	0.254	211.7	225	1.200	1.524
1.016	F43	F44	11.347	96.596	96.547	0.049	231.6	225	1.579	1.628
1.015	F42	F43	50.793	96.846	96.596	0.250	203.2	225	1.829	1.579
1.014	F41	F42	7.590	96.880	96.846	0.034	223.2	225	1.795	1.829
1.013	F39	F41	14.006	96.960	96.880	0.080	175.1	225	1.915	1.795
8.000	EX F40	F41	9.506	96.940	96.880	0.060	158.4	225	1.695	1.795
1.012	F38	F39	26.952	97.174	97.030	0.144	187.2	225	1.801	1.845
1.011	F35	F38	44.007	97.400	97.174	0.226	194.7	225	2.235	1.801
7.001	F37	F38	15.094	98.277	98.064	0.213	70.9	150	1.573	0.986
7.000	F36	F37	44.909	99.000	98.277	0.723	62.1	150	1.350	1.573
1.010	F27	F35	10.449	97.430	97.400	0.030	348.3	225	1.935	2.235
6.006	F34	F35	12.959	97.558	97.464	0.094	137.9	150	1.892	2.246
6.005	F33	F34	47.030	98.342	97.558	0.784	60.0	150	1.108	1.892
6.004	F32	F33	12.447	98.549	98.342	0.207	60.1	150	1.201	1.108
6.003	F31	F32	10.307	98.721	98.549	0.172	59.9	150	0.969	1.201
6.002	F30	F31	6.917	98.836	98.721	0.115	60.1	150	1.014	0.969
6.001	F29	F30	22.540	99.212	98.836	0.376	59.9	150	1.038	1.014
6.000	F28	F29	17.278	99.500	99.212	0.288	60.0	150	1.170	1.038
1.009	F26	F27	35.314	97.607	97.430	0.177	199.5	225	1.758	1.935
1.008	F17	F26	12.227	97.668	97.607	0.061	200.4	225	1.757	1.758
4.005	F25	F26	8.316	98.369	98.323	0.046	180.8	225	1.276	1.042
4.004	F24	F25	53.109	98.670	98.369	0.301	176.4	225	2.005	1.276
4.003	F23	F24	5.366	98.714	98.670	0.044	122.0	225	2.101	2.005
4.002	F22	F23	43.150	98.942	98.714	0.228	189.3	225	2.373	2.101
5.000	F21	F22	33.047	99.900	99.528	0.372	88.8	150	0.970	1.862
4.001	F19	F22	36.490	99.329	98.942	0.387	94.3	225	1.516	1.273
4.000	F18	F19	40.544	99.427	99.329	0.098	413.7	225	1.248	1.516
1.007	F16	F17	46.461	97.883	97.668	0.215	216.1	225	1.462	1.757
1.006	F8	F16	27.363	98.184	97.999	0.185	147.9	225	1.881	1.346
3.006	F15	F16	62.650	98.173	97.883	0.290	216.0	225	1.002	1.462
3.005	F14	F15	9.173	98.223	98.173	0.050	183.5	225	1.192	1.002
3.004	F13	F14	26.535	98.392	98.223	0.169	157.0	225	1.533	1.192
3.003	F12	F13	28.277	98.675	98.392	0.283	99.9	225	1.510	1.533
3.002	F11	F12	18.433	98.925	98.675	0.250	73.7	225	1.214	1.510
3.001	F10	F11	31.841	99.180	98.925	0.255	124.9	225	0.945	1.214
3.000	F9	F10	36.105	99.545	99.180	0.365	98.9	225	1.650	0.945
1.005	F7	F8	29.322	98.879	98.684	0.195	150.4	225	1.796	1.381
1.004	F6	F7	33.968	99.105	98.879	0.226	150.3	225	2.040	1.796
1.003	F5	F6	13.703	99.233	99.105	0.128	107.1	225	2.042	2.040
1.002	F3	F5	37.124	99.627	99.262	0.365	101.7	225	1.558	2.013
2.000	F4	F5	58.560	99.675	99.289	0.386	151.7	225	1.200	1.986
1.001	F2	F3	31.923	99.929	99.627	0.302	105.7	225	1.626	1.558
1.000	F1	F2	53.681	101.725	99.929	1.796	29.9	225	1.250	1.626

PROPOSED STORM MANHOLES					
Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
S1	103.200	1200	641810.449	753183.324	1.550
S2	101.780	1350	641863.338	753191.675	1.930
S3	101.410	1350	641895.067	753196.214	1.667
S4	101.100	1200	641993.252	753197.583	1.700
S5	101.500	1350	641933.546	753197.310	2.871
S6	101.370	1350	641932.371	753210.870	2.801
S7	100.900	1350	641937.077	753244.709	2.416
S8	100.290	1350	641946.716	753270.271	1.874
S9	99.620	1200	641990.856	753313.857	1.485
S10	99.570	1500	641964.275	753395.239	1.641
S11	101.420	1350	641863.803	753202.221	1.775
S12	100.350	1350	641865.483	753237.945	1.433
S13	100.364	1350	641872.022	753266.885	1.641
S14	100.410	1350	641877.563	753286.152	1.769
S15	100.150	1350	641889.669	753309.799	1.775
S16	99.640	1350	641906.332	753332.836	1.502
S17	99.400	1350	641917.929	753335.046	1.299
S18	99.410	1500	641960.524	753299.311	1.491
S19	99.500	1500	641966.643	753305.658	1.600
S20	99.590	1500	642004.152	753337.737	1.790
S21	100.900	1200	642092.103	753451.734	1.565
S22	101.070	1200	642085.217	753411.452	1.800
S24	101.020	1200	642111.467	753370.892	1.195
S25	101.540	1350	642078.733	753276.575	2.452
S26	101.040	1350	642036.962	753386.220	2.137
S27	100.900	1350	642031.686	753382.882	2.152
S28	99.870	1350	642010.732	753333.748	2.089
S29	99.590	1350	642011.150	753327.099	1.910
S30	100.500	1200	642119.701	753350.198	1.425
S31	99.200	1200	642111.670	753309.893	1.152
S32	99.200	1200	642095.647	753296.703	1.275
S33	99.860	1350	642056.619	753310.258	2.202
S34	100.950	1200	641994.733	753206.163	1.625
S35	100.400	1200	641995.440	753223.729	1.449
S36	100.000	1200	642001.370	753241.365	1.366
S37	99.840	1200	642006.704	753248.147	1.397
S38	99.900	1200	642014.753	753254.582	1.560
S39	99.700	1200	642017.827	753266.583	1.667
S40	99.190	1500	642055.507	753297.483	1.759
S41	99.200	1500	642095.681	753283.468	1.862
S42	99.000	1200	642115.325	753267.737	1.724
EX S43	99.360	1500	642053.981	753260.204	1.395
EX S44	99.500	1500	642077.048	753270.231	1.570
S45	99.200	1350	642117.107	753271.057	1.405
S46	99.200	1350	642165.015	753272.045	1.527
S47	98.850	1200	642165.011	753267.311	1.795
S48	98.760	1800	642171.670	753272.261	2.090
S49	98.850	1800	642171.477	753267.151	2.188
S50	98.760	180			