Manhole Schedule
Network FW

Manhole No.	Cover Level	Depth to IL (m)	(Sump)	Manhole Diameter (mm)	Manhole Type	Cover Type	Outgoing Pipe No.	Outgoing Pipe Invert Level	Outgoing Pipe Diameter (mm)	Outgoing Pipe Gradient (1:X)	Incoming Pipe No.	Incoming Pipe Invert Level	Incoming Pipe Diameter (mm)	Co-ordinate Easting	Co-ordinate Northing
FW1	68.141	2.491	0.00	1200	Type B	D400	FW1.000	65.650	150	1:83				456010.155	367344.851
FW2	67.761	2.761	0.00	1200	Type B	D400	FW1.001	65.000	150	1:66	FW1.000	65.000	150	456019.721	367397.752
FW3	66.514	2.614	0.00	1200	Type B	D400	FW1.002	63.900	150	1:49	FW1.001	63.900	150	456032.516	367469.541
FW4	65.031	2.581	0.00	1200	Type B	D400	FW1.003	62.450	150	1:134	FW1.002	62.450	150	456045.080	367540.025
FW5	65.134	2.834	0.00	1200	Type B	D400	FW1.004	62.300	150	1:129	FW1.003	62.300	150	456025.339	367543.833
FW6	65.809	2.209	0.00	1200	Type B	D400	FW2.000	63.600	150	1:16				455982.966	367512.475
FW7	65.627	3.677	0.00	1200	Type A	D400	FW1.005	61.950	150	1:126	FW1.004 FW2.000	61.950 61.950	150 150	455980.555	367538.377
FW8	65.569	3.789	0.00	1200	Type A	D400	FW1.006	61.780	150	1:128	FW1.005	61.780	150	455959.314	367535.708
FW9	65.343	3.813	0.00	1200	Type A	D400	FW1.007	61.530	150	1:43	FW1.006	61.530	150	455931.243	367520.244
FW10	67.664	2.314	0.00	1200	Type B	D400	FW3.000	65.350	150	1:109				455941.315	367364.820
FW11	67.096	2.296	0.00	1200	Type B	D400	FW3.001	64.800	150	1:100	FW3.000	64.800	150	455968.466	367418.541
FW12	66.389	2.289	0.00	1200	Type B	D400	FW3.002	64.100	150	1:46	FW3.001	64.100	150	455905.827	367449.640
FW13	66.267	2.417	0.00	1200	Type B	D400	FW3.003	63.850	150	1:77	FW3.002	63.850	150	455894.460	367451.988
FW14	66.030	2.480	0.00	1200	Type B	D400	FW3.004	63.550	150	1:76	FW3.003	63.550	150	455873.602	367462.174
FW15	65.913	2.513	0.00	1200	Type B	D400	FW3.005	63.400	150	1:20	FW3.004	63.400	150	455865.880	367470.495
FW16	65.692	2.342	0.00	1200	Type B	D400	FW4.000	63.350	150	1:124				455797.335	367433.921
FW17	65.275	2.225	0.00	1200	Type B	D400	FW4.001	63.050	150	1:31	FW4.000	63.050	150	455810.365	367468.798
FW18	64.487	2.237	0.00	1200	Type B	D400	FW5.000	62.250	150	1:134				455753.211	367499.025
FW19	65.002	3.152	0.00	1200	Type B	D400	FW4.002	61.850	150	1:85	FW4.001 FW5.000	61.850 61.850	150 150	455806.396	367505.369
FW20	64.625	2.425	0.00	1200	Type B	D400	FW6.000	62.200	150	1:99				455820.632	367567.077
FW21	65.234	3.634	0.00	1200	Type A	D400	FW4.003	61.600	150	1:132	FW4.002 FW6.000	61.600 61.600	150 150	455827.401	367507.832
FW22	65.597	4.247	0.00	1200	Type A	D400	FW3.006	61.350	150	1:134	FW5.005 FW4.003	61.350 61.350	150 150	455860.290	367511.739
FW23	65.560	4.570	0.00	1200	Type A	D400	FW1.008	60.990	150	1:133	FW1.007 FW3.006	60.990 60.990	150 150	455908.346	367517.196
FW24	65.040	4.420	0.00	1200	Type A	D400	FW1.009	60.620	150	1:130	FW1.008	60.620	150	455903.609	367566.056
FW25	65.068	4.568	0.00	1200	Type A	D400	FW1.010	60.500	150	1:133	FW1.009	60.500	150	455910.434	367590.018
FW26	65.225	4.835	0.00	1200	Type A	D400	FW1.011	60.390	150	1:53	FW1.010	60.390	150	455922.509	367588.374
FW27	63.285	2.185	0.00	1200	Type B	D400	FW7.000	61.100	150	1:118				456049.092	367604.926
FW28	64.640	4.080	0.00	1200	Type A	D400	FW7.000	60.560	150	1:77	FW7.000	60.560	150	455985.740	367596.948
FW29	65.320	5.320	0.00	1200	Type A	D400	FW1.012	60.000	150	1:128	FW7.001 FW1.011	60.000 60.000	150 150	455942.939	367591.340
FW30	64.888	5.148	0.00	1200	Type A	D400	FW1.013	59.740	150	1:132	FW1.012	59.740	150	455938.542	367624.396
FW31	64.712	5.142	0.00	1200	Type A	D400	FW1.014	59.570	150	1:124	FW1.013	59.570	150	455931.356	367645.672
FW32	62.560	3.710	0.00	1200	Type A	D400	FW1.015	58.850	150	1:71	FW1.014	58.850	150	455920.628	367734.473
FW33	60.887	3.087	0.00	1200	Type A	D400	FW1.016	57.800	150	1:52	FW1.015	57.800	150	455901.650	367806.346
FW34	64.496	1.696	0.00	1200	Type B	D400	FW8.000	62.800	150	1:122				455852.440	367647.836
FW35	64.956	2.656	0.00	1200	Type B	D400	FW8.001	62.300	150	1:108	FW8.000	62.300	150	455800.448	367679.797
FW36	65.052	2.902	0.00	1200	Type B	D400	FW8.002	62.150	150	1:135	FW8.001	62.150	150	455787.770	367689.889
FW37	64.714	2.714	0.00	1200	Type B	D400	FW8.003	62.000	150	1:100	FW8.002	62.000	150	455777.712	367707.512
FW38	64.414	2.564	0.00	1200	Type B	D400	FW8.004	61.850	150	1:136	FW8.003	61.850	150	455775.574	367722.386
FW39	64.011	2.311	0.00	1200	Type B	D400	FW8.005	61.700	150	1:45	FW8.004	61.700	150	455779.610	367742.333
FW40	63.480	1.780	0.00	1200	Type B	D400	FW9.000	61.700	150	1:67				455861.465	367723.442
FW41	63.269	1.769	0.00	1200	Type B	D400	FW9.001	61.500	150	1:46	FW9.000	61.500	150	455859.870	367736.826
FW42	61.909	1.859	0.00	1200	Type B	D400	FW9.002	60.050	150	1:118	FW9.001	60.050	150	455852.356	367802.778
FW43	62.333	2.583	0.00	1200	Type B	D400	FW8.006	59.750	150	1:33	FW8.005 FW9.002	59.750 59.750	150 150	455820.865	367819.201
FW44	60.074	1.874	0.00	1200	Type B	D400	FW8.007	58.200	150	1:20	FW8.006	58.200	150	455845.168	367863.908
FW45	59.550	1.850	0.00	1200	Type B	D400	FW8.008	57.700	150	1:20	FW8.007	57.700	150	455851.134	367872.111
FW46	58.800	1.800	0.00	1200	Type B	D400	FW8.009	57.000	150	1:43	FW8.008	57.000	150	455865.064	367875.502
FW47	58.055	1.655	0.00	1200	Type B	D400	FW1.017	56.400	150	1:42	FW8.009 FW1.016	56.400 56.400	150 150	455890.885	367878.693
FW48	56.753	1.200	0.00	1500	Type C	D400	FW1.018	55.553	150	1:43	FW1.017	55.553	150	455925.736	367884.305
FW49	64.369	2.319	0.00	1200	Type B	D400	FW10.000	62.050	150	1:61				455950.340	367652.098
FW50	63.571	2.321	0.00	1200	Type B	D400	FW10.001	61.250	150	1:48	FW10.000	61.250	150	455998.774	367658.733
FW51	62.454	2.154	0.00	1200	Type B	D400	FW10.002	60.300	150	1:17	FW10.001	60.300	150	456025.155	367696.108
FW52	60.586	2.586	0.00	1200	Type B	D400	FW10.003	58.000	150	1:16	FW10.002	58.000	150	456047.054	367729.273
FW53	59.572	1.572	0.00	1500	Type C	D400	FW11.000	58.000	150	1:127				455956.262	367811.081
FW54	59.445	1.745	0.00	1200	Type B	D400	FW11.001	57.700	150	1:127	FW11.000	57.700	150	455989.089	367791.839
FW55	60.260	2.780	0.00	1200	Type B	D400	FW11.002	57.480	150	1:129	FW11.001	57.480	150	456003.233	367767.813
FW56	60.009	2.839	0.00	1200	Type B	D400	FW11.003	57.170	150	1:133	FW11.002	57.170	150	456037.346	367746.867
FW57	59.906	2.856	0.00	1200	Type B	D400	FW10.004	57.050	150	1:126	FW10.003 FW11.003	57.150 57.050	150 150	456052.402	367741.522
FW58	58.984	2.074	0.00	1200	Type B	D400	FW10.005	56.910	150	1:29	FW10.004	56.910	150	456058.565	367758.077
FW59	57.260	1.710	0.00	1200	Type B	D400	FW10.006	55.550	150	1:15	FW10.005	55.550	150	456077.434	367792.193
FW60	55.044	1.400	0.00	1500	Type C	D400					FW1.018	54.880	150	455944.894	367905.591
SK56670803	57.264	3.044	0.00	1200	Type B	D400					FW10.006	54.220	150	456086.927	367809.350

Pipe Schedule
Network FW

Pipe Name	Size (mm)	Material	Plan Length	Slope	Start Manhole	End Manhole	Pipe Cover
FW1.000	150	Clay	53.76	1:82.7	FW1	FW2	Min-2.3m Max-2.7m
FW1.001	150	Clay	72.92	1:66.3	FW2	FW3	Min-2.4m Max-2.6m
FW1.002	150	Clay	71.60	1:49.4	FW3	FW4	Min-2.4m Max-2.5m
FW1.003	150	Clay	20.10	1:134.0	FW4	FW5	Min-2.4m Max-2.7m
FW1.004	150	Clay	45.12	1:128.9	FW5	FW7	Min-2.7m Max-3.5m
FW1.005	150	Clay	21.41	1:125.9	FW7	FW8	Min-3.5m Max-3.6m
FW1.006	150	Clay	32.05	1:128.2	FW8	FW9	Min-3.6m Max-3.6m
FW1.007	150	Clay	23.10	1:42.8	FW9	FW23	Min-3.6m Max-4.4m
FW1.008	150	Clay	49.09	1:132.7	FW23	FW24	Min-4.2m Max-4.4m
FW1.009	150	Clay	15.54	1:129.5	FW24	FW25	Min-4.2m Max-4.4m
FW1.010	150	Clay	14.68	1:133.5	FW25	FW26	Min-4.4m Max-4.7m
FW1.011	150	Clay	20.64	1:52.9	FW26	FW29	Min-4.7m Max-5.2m
FW1.012	150	Clay	33.35	1:128.3	FW29	FW30	Min-5.0m Max-5.2m
FW1.013	150	Clay	22.46	1:132.1	FW30	FW31	Min-5.2m Max-5.0m
FW1.014	150	Clay	89.45	1:124.2	FW31	FW32	Min-4.9m Max-5.1m
FW1.015	150	Clay	74.34	1:70.8	FW32	FW33	Min-2.8m Max-2.9m
FW1.016	150	Clay	73.14	1:52.2	FW33	FW47	Min-1.4m Max-3.2m
FW1.017	150	Clay	35.30	1:41.7	FW47	FW48	Min-1.0m Max-1.5m
FW1.018	150	Clay	28.64	1:42.6	FW48	FW60	Min-1.0m Max-1.3m
FW2.000	150	Clay	26.01	1:15.8	FW6	FW7	Min-2.0m Max-3.5m
FW3.000	150	Clay	60.19	1:109.4	FW10	FW11	Min-2.1m Max-2.1m
FW3.001	150	Clay	69.93	1:99.9	FW11	FW12	Min-2.1m Max-2.1m
FW3.002	150	Clay	11.61	1:46.4	FW12	FW13	Min-2.1m Max-2.3m
FW3.003	150	Clay	23.21	1:77.4	FW13	FW14	Min-2.3m Max-2.3m
FW3.004	150	Clay	11.35	1:75.7	FW14	FW15	Min-2.3m Max-2.3m
FW3.005	150	Clay	41.62	1:20.3	FW15	FW22	Min-2.3m Max-4.1m
FW3.006	150	Clay	48.37	1:134.3	FW22	FW23	Min-4.1m Max-4.5m
FW4.000	150	Clay	37.23	1:124.1	FW16	FW17	Min-2.1m Max-2.2m
FW4.001	150	Clay	36.79	1:30.7	FW17	FW19	Min-2.1m Max-3.0m
FW4.002	150	Clay	21.15	1:84.6	FW19	FW21	Min-3.0m Max-3.5m
FW4.003	150	Clay	33.12	1:132.5	FW21	FW22	Min-3.5m Max-4.1m
FW5.000	150	Clay	53.56	1:133.9	FW18	FW19	Min-2.0m Max-3.0m
FW6.000	150	Clay	59.63	1:99.4	FW20	FW21	Min-2.8m Max-3.5m
FW7.000	150	Clay	63.85	1:118.2	FW27	FW28	Min-2.0m Max-3.9m
FW7.001	150	Clay	43.17	1:77.1	FW28	FW29	Min-3.9m Max-5.2m
FW8.000	150	Clay	61.03	1:122.1	FW34	FW35	Min-1.5m Max-2.5m
FW8.001	150	Clay	16.20	1:108.0	FW35	FW36	Min-2.5m Max-2.7m
FW8.002	150	Clay	20.29	1:135.3	FW36	FW37	Min-2.5m Max-2.7m
FW8.003	150	Clay	15.03	1:100.2	FW37	FW38	Min-2.4m Max-2.5m
FW8.004	150	Clay	20.35	1:135.7	FW38	FW39	Min-2.1m Max-2.4m
FW8.005	150	Clay	87.24	1:44.7	FW39	FW43	Min-2.1m Max-2.4m
FW8.006	150	Clay	50.89	1:32.8	FW43	FW44	Min-1.7m Max-2.4m
FW8.007	150	Clay	10.14	1:20.3	FW44	FW45	Min-1.7m Max-1.7m
FW8.008	150	Clay	14.34	1:20.5	FW45	FW46	Min-1.6m Max-1.7m
FW8.009	150	Clay	26.02	1:43.4	FW46	FW47	Min-1.4m Max-1.6m
FW9.000	150	Clay	13.48	1:67.4	FW40	FW41	Min-1.6m Max-1.6m
FW9.001	150	Clay	66.38	1:45.8	FW41	FW42	Min-1.6m Max-1.8m
FW9.002	150	Clay	35.52	1:118.4	FW42	FW43	Min-1.7m Max-2.4m
FW10.000	150	Clay	48.89	1:61.1	FW49	FW50	Min-2.1m Max-2.2m
FW10.001	150	Clay	45.75	1:48.2	FW50	FW51	Min-2.0m Max-2.2m
FW10.002	150	Clay	39.74	1:17.3	FW51	FW52	Min-2.0m Max-2.4m
FW10.003	150	Clay	13.37	1:15.7	FW52	FW57	Min-2.4m Max-2.6m
FW10.004	150	Clay	17.67	1:126.2	FW57	FW58	Min-1.9m Max-2.7m
FW10.005	150	Clay	38.99	1:28.7	FW58	FW59	Min-1.5m Max-1.9m
FW10.006	150	Clay	19.61	1:14.7	FW59	SK56670803	Min-1.5m Max-2.6m
FW11.000	150	Clay	38.05	1:126.8	FW53	FW54	Min-1.3m Max-1.6m
FW11.001	150	Clay	27.88	1:126.7	FW54	FW55	Min-1.6m Max-2.6m
FW11.002	150	Clay	40.03	1:129.1	FW55	FW56	Min-2.6m Max-2.9m
FW11.003	150	Clay	15.98	1:133.1	FW56	FW57	Min-2.6m Max-2.7m

Manhole Schedule
Network SW

Manhole No.	Cover Level	Depth to IL (m)	(Sump)	Manhole Diameter (mm)	Manhole Type	Cover Type	Outgoing Pipe No.	Outgoing Pipe Invert Level	Outgoing Pipe Diameter (mm)	Outgoing Pipe Gradient (1:X)	Incoming Pipe No.	Incoming Pipe Invert Level	Incoming Pipe Diameter (mm)	Co-ordinate Easting	Co-ordinate Northing
BP-SW1	57.500	2.860	0.00	1200	Type B	D400	Bypass 98.001	54.640	150	Horizontal	Bypass 98.000	54.640	150	455967.834	367866.228
BP-SW2	57.500	2.860	0.00	1200	Type B	D400	Bypass 98.002	54.640	150	1:185	Bypass 98.001	54.640	150	455958.192	367880.069
BP-SW3	57.000	2.475	0.00	1200	Type B	D400	Bypass 98.003	54.525	150	1:363	Bypass 98.002 Bypass 99.001	54.525 54.525	150 150	455940.586	367891.970
BP-SW4	56.800	2.350	0.00	1200	Type B	D400	Bypass 98.004	54.450	150	1:485	Bypass 98.003	54.450	150	455920.511	367910.338
Control	56.850	2.500	0.00	3000	Type B	D400	SW1.024	54.350	375	1:55	SW1.023 Bypass 98.004	54.350 54.350	750 150	455882.374	367940.350
HW1	55.750	0.817	0.00	???	Type B	D400					SW1.020	54.600	825	455922.990	367857.530
HW2	55.475	0.550	0.00	???	Type B	D400					SW1.011	54.600	675	455931.515	367842.811
HW3	55.600	0.817	0.00	???	Type B	D400	SW1.021	54.550	750	1:352				455939.505	367874.938
HW4	55.500	0.817	0.00	???	Type B	D400					SW1.022	54.450	750	455913.370	367898.234
HW5	55.450	2.745	0.00	???	Type B	D400	SW1.023	54.400	750	1:147				455878.052	367934.413
SK55678907	56.130	2.290	0.00	1800	Type B	D400								455853.502	367977.962
SW1	65.321	1.821	0.00	1500	Type B	D400	SW1.000	63.500	300	1:74				456009.845	367539.363
SW2	66.558	1.808	0.00	1500	Type B	D400	SW2.000	64.750	300	1:85				455969.163	367452.250
SW3	65.817	1.817	0.00	1500	Type B	D400	SW2.001	64.000	300	1:22	SW2.000	64.000	300	455980.504	367515.141
SW4	65.646	2.571	0.00	1500	Type B	D400	SW1.001	63.075	300	1:138	SW1.000 SW2.001	63.075 63.075	300 300	455978.814	367535.552
SW5	65.568	2.793	0.00	1500	Type B	D400	SW1.002	62.775	450	1:170	SW1.001	62.925	300	455958.214	367532.952
SW6	65.339	2.739	0.00	1500	Type B	D400	SW3.001	62.600	450	1:37	SW1.002	62.600	450	455932.313	367518.219
SW7	67.652	1.652	0.00	1500	Type B	D400	SW3.000	65.800	300	1:104				455938.279	367363.796
SW8	67.329	1.829	0.00	1500	Type B	D400	SW4.000	65.500	300	1:96				455988.785	367406.629
SW9	67.057	1.907	0.00	1500	Type B	D400	SW3.001	65.150	375	1:106	SW3.000 SW4.000	65.225 65.225	300 300	455964.741	367417.625
SW10	66.381	1.881	0.00	1500	Type B	D400	SW3.002	64.500	375	1:76	SW3.001	64.500	375	455993.503	367448.535
SW11	66.248	1.898	0.00	1500	Type B	D400	SW3.003	64.350	375	1:91	SW3.002	64.350	375	455892.228	367450.126
SW12	66.511	1.961	0.00	1500	Type B	D400	SW5.000	64.550	225	1:151				455850.565	367416.476
SW13	65.962	1.982	0.00	1500	Type B	D400	SW3.004	64.000	450	1:70	SW3.003 SW5.000	64.075 64.225	375 225	455870.142	367461.615
SW14	65.878	2.078	0.00	1500	Type B	D400	SW3.005	63.800	525	1:22	SW3.004	63.825	450	455862.953	367471.439
SW15	65.986	1.786	0.00	1500	Type B	D400	SW6.000	64.200	225	1:106				455818.323	367420.823
SW16	65.764	1.739	0.00	1500	Type B	D400	SW6.001	64.025	225	1:72	SW6.000	64.025	225	455801.411	367428.397
SW17	65.578	1.828	0.00	1500	Type B	D400	SW6.002	63.750	300	1:135	SW6.001	63.825	225	455797.819	367442.286
SW18	65.294	1.744	0.00	1500	Type B	D400	SW6.003	63.550	300	1:45	SW6.002	63.550	300	455808.166	367467.152
SW19	64.515	1.815	0.00	1800	Type B	D400	SW7.000	62.700	600	1:213				455751.619	367496.474
SW20	64.984	2.534	0.00	1800	Type B	D400	SW6.004	62.450	600	1:76	SW6.003 SW7.000	62.750 62.450	300 600	455804.420	367502.748
SW21	64.593	1.943	0.00	1500	Type B	D400	SW8.000	62.650	450	1:196				455817.700	367568.438
SW22	65.215	3.190	0.00	1800	Type B	D400	SW6.005	62.025	750	1:165	SW6.004 SW8.000	62.175 62.325	600 450	455825.205	367505.231
SW23	65.579	3.754	0.00	1800	Type A2	D400	SW3.006	61.825	750	1:216	SW3.005 SW6.005	62.050 61.825	525 750	455858.060	367509.109
SW24	65.584	3.984	0.00	1800	Type A2	D400	SW1.004	61.600	750	1:201	SW1.003 SW3.006	61.900 61.600	450 750	455906.333	367514.579
SW25	65.042	3.692	0.00	1800	Type B	D400	SW1.005	61.350	750	1:86	SW1.004	61.350	750	455901.223	367564.485
SW26	65.050	3.900	0.00	1800	Type A2	D400	SW1.006	61.150	750	1:92	SW1.005	61.150	750	455908.089	367580.265
SW27	65.221	4.271	0.00	1800	Type A2	D400	SW1.007	60.950	750	1:38	SW1.006	60.950	750	455923.203	367590.798
SW28	68.105	1.855	0.00	1500	Type B	D400	SW9.000	66.250	300	1:95				456005.883	367331.081
SW29	67.779	2.304	0.00	1500	Type B	D400	SW9.001	65.475	375	1:75	SW9.000	65.550	300	456017.347	367396.456
SW30	66.862	2.212	0.00	1500	Type B	D400	SW9.002	64.650	375	1:71	SW9.001	64.750	375	456026.627	367450.157
SW31	65.671	2.021	0.00	1500	Type B	D400	SW9.003	63.650	375	1:36	SW9.002	63.750	375	456038.045	367513.181
SW32	64.044	2.644	0.00	1500	Type B	D400	SW9.004	61.400	750	1:177	SW9.003	61.775	375	456049.829	367580.502
SW33	63.356	2.106	0.00	1800	Type B	D400	SW9.005	61.250	750	1:121	SW9.004	61.250	750	456046.050	367606.824
SW34	64.389	3.514	0.00	1800	Type B	D400	SW9.006	60.875	750	1:164	SW9.005	60.875	750	456000.941	367601.509
SW35	65.325	4.900	0.00	2100	Type A2	D400	SW1.008	60.425	825	1:165	SW9.006 SW1.007	60.500 60.500	750 750	455940.129	367593.407
SW36	64.925	4.675	0.00	1800	Type A2	D400	SW1.009	60.250	825	1:218	SW1.008	60.250	825	455936.890	367622.181
SW37	64.757	4.607	0.00	1800	Type A2	D400	SW1.010	60.150	825	1:193	SW1.009	60.150	825	455929.483	367642.684
SW38	64.844	4.944	0.00	1800	Type A2	D400	SW1.011	59.900	825	1:204	SW1.010	59.900	825	455882.651	367631.564
SW39	64.557	4.807	0.00	2100	Type A2	D400	SW1.012	59.750	825	1:185	SW1.011	59.750	825	455854.891	367644.576
SW40	64.207	4.607	0.00	1800	Type A2	D400	SW1.013	59.600	825	1:195	SW1.012	59.600	825	455865.367	367670.311
SW41	63.248	3.998	0.00	2100	Type A2	D400	SW1.014	59.250	825	1:150	SW1.013	59.250	825	455857.190	367738.107
SW42	61.926	3.101	0.00	1800	Type B	D400	SW1.015	58.825	825	1:87	SW1.014	58.825	825	455850.101	367801.341
SW43	64.696	1.696	0.00	1500	Type B	D400	SW10.000	63.000	300	1:173				455818.897	367664.964
SW44	65.051	2.276	0.00	1500	Type B	D400	SW10.001	62.775	300	1:171	SW10.000	62.775	300	455786.908	367687.106
SW45	64.724	2.074	0.00	1500	Type B	D400	SW10.002	62.650	300	1:54	SW10.001	62.650	300	455775.890	367705.410
SW46	64.370	2.070	0.00	1500	Type B	D400	SW10.003	62.300	300	1:140	SW10.002	62.300	300	455772.974	367724.121
SW47	63.983	1.833	0.00	1500	Type B	D400	SW10.004	62.150	300	1:26	SW10.003	62.150	300	455777.854	367744.471
SW48	62.376	3.976	0.00	2100	Type A2	D400	SW1.016	58.400	825	1:35	SW1.015 SW10.004	58.400 58.925	825 300	455817.367	367818.350
SW49	59.992	3.142	0.00	2100	Type B	D400	SW1.017	56.850	825	1:27	SW1.016	56.850	825	455843.582	367866.665
SW50	59.400	3.025	0.00	2100	Type B	D400	SW1.018	56.375	825	1:45	SW1.017	56.375	825	455852.506	367875.699
SW51	57.820	2.520	0.00	2100	Type B	D400	SW1.019	55.300	825	1:48	SW1.018	55.300	825	455900.622	367882.747
SW51A	57.500	2.685	0.00	2400	Type B	D400	SW1.020 Bypass 99.000	54.815 54.815	825 150	1:48 1:77	SW1.019	54.815	825	455916.115	367865.281
SW52	64.309	1.809	0.00	1500	Type B	D400	SW11.000	62.500	300	1:56				455954.881	367650.033
SW53	63.566	1.866	0.00	1500	Type B	D400	SW11.001	61.700	300	1:49	SW11.000	61.700	300	455998.888	367656.684
SW54	62.722	1.622	0.00	1350	Type C	D400	SW12.000	61.100	300	1:87				456004.293	367706.298
SW55	62.595	1.795	0.00	1500	Type B	D400	SW11.002	60.800	300	1:13	SW12.000 SW11.001	60.800 60.800	300 300	456025.842	367691.647
SW56	60.620	3.120	0.00	1500	Type B	D400	SW11.003	57.500	300	1:10	SW11.002	57.500	300	456048.958	367727.426
SW57	57.361	1.725	0.00	2100	Type B	D400	SW13.000	55.636	525	1:300				456078.481	367787.737
SW58	58.887	3.362	0.00	2100	Type A2	D400	SW13.001	55.525	525	1:300	SW13.000	55.525	525	456061.904	367758.926
SW59	59.746	4.277	0.00	2100	Type A	D400	SW11.004	55.469	525	1:300	SW11.003 SW13.001	55.694 55.469	300 525	456055.463	367743.317