

Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.000	7.250	18.8	100	Circular	65.996	65.296	0.600	65.753	64.911	0.742
2.000	5.911	37.2	100	Circular	65.996	65.070	0.826	65.753	64.911	0.742
3.000	5.358	40.0	100	Circular	65.996	65.045	0.851	65.753	64.911	0.742
4.000	2.176	15.8	100	Circular	65.996	65.049	0.847	65.753	64.911	0.742
1.001	9.713	79.6	100	Circular	65.753	64.911	0.742	65.726	64.789	0.837
1.002	14.548	79.9	100	Circular	65.726	64.789	0.837	65.658	64.607	0.951
5.000	3.410	39.7	100	Circular	65.996	65.115	0.781	65.757	65.029	0.628
5.001	3.915	33.2	100	Circular	65.757	65.029	0.628	65.690	64.911	0.679
6.000	5.056	38.6	100	Circular	65.996	65.042	0.854	65.690	64.911	0.679
7.000	4.081	39.6	100	Circular	65.996	65.014	0.882	65.690	64.911	0.679
8.000	2.659	22.5	100	Circular	65.996	65.029	0.867	65.690	64.911	0.679
5.002	8.622	28.4	100	Circular	65.690	64.911	0.679	65.658	64.607	0.951
1.003	13.133	79.6	100	Circular	65.658	64.607	0.951	65.608	64.442	1.066
9.000	3.556	40.0	100	Circular	65.996	65.094	0.802	65.739	65.005	0.634
10.000	2.201	37.9	100	Circular	65.996	65.063	0.833	65.739	65.005	0.634
9.001	8.407	14.9	100	Circular	65.739	65.005	0.634	65.608	64.442	1.066
1.004	11.029	79.9	100	Circular	65.608	64.442	1.066	65.551	64.304	1.147
1.005	17.622	79.7	100	Circular	65.551	64.304	1.147	65.174	64.083	0.991
11.000	3.308	7.0	100	Circular	65.285	64.558	0.627	65.174	64.083	0.991
12.000	2.305	5.0	100	Circular	65.285	64.548	0.637	65.174	64.083	0.991
1.006	7.585	48.7	100	Circular	65.174	64.083	0.991	64.627	63.927	0.600
1.007	11.773	20.3	100	Circular	64.627	63.927	0.600	64.983	63.346	1.537
13.000	4.942	39.9	100	Circular	65.996	64.912	0.984	65.575	64.788	0.687
13.001	9.421	39.9	100	Circular	65.575	64.788	0.687	65.825	64.552	1.173
13.002	17.655	39.9	100	Circular	65.825	64.552	1.173	65.704	64.110	1.494

Link	US Node	Dia (mm)	Node Type	DS Node	Dia (mm)	Node Type
1.000	POP 61		Junction	FWIC 51	450	Manhole
2.000	POP 51		Junction	FWIC 51	450	Manhole
3.000	POP 63		Junction	FWIC 51	450	Manhole
4.000	POP 52		Junction	FWIC 51	450	Manhole
1.001	FWIC 51	450	Manhole	FWIC 52	450	Manhole
1.002	FWIC 52	450	Manhole	FWIC 44	450	Manhole
5.000	POP 41		Junction	FWIC 41	450	Manhole
5.001	FWIC 41	450	Manhole	FWIC 42	450	Manhole
6.000	POP 53		Junction	FWIC 42	450	Manhole
7.000	POP 54		Junction	FWIC 42	450	Manhole
8.000	POP 42		Junction	FWIC 42	450	Manhole
5.002	FWIC 42	450	Manhole	FWIC 44	450	Manhole
1.003	FWIC 44	450	Manhole	FWIC 46	450	Manhole
9.000	POP 43		Junction	FWIC 45	450	Manhole
10.000	POP 44		Junction	FWIC 45	450	Manhole
9.001	FWIC 45	450	Manhole	FWIC 46	450	Manhole
1.004	FWIC 46	450	Manhole	FWIC 04	450	Manhole
1.005	FWIC 04	450	Manhole	FWIC 03	450	Manhole
11.000	POP 32		Junction	FWIC 03	450	Manhole
12.000	POP 33		Junction	FWIC 03	450	Manhole
1.006	FWIC 03	450	Manhole	FWIC 02	450	Manhole
1.007	FWIC 02	450	Manhole	FWIC 01	450	Manhole
13.000	POP 62		Junction	FWIC 62	450	Manhole
13.001	FWIC 62	450	Manhole	FWIC 63	450	Manhole
13.002	FWIC 63	450	Manhole	FWIC 08	450	Manhole

Pipeline Schedule

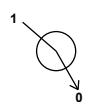
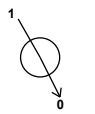
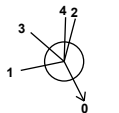
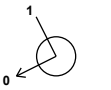
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
14.000	2.779	79.4	100	Circular	65.285	64.585	0.600	65.576	64.550	0.926
14.001	6.526	14.8	100	Circular	65.576	64.550	0.926	65.704	64.110	1.494
13.003	12.796	80.0	100	Circular	65.704	64.110	1.494	65.626	63.950	1.576
13.004	7.164	79.6	100	Circular	65.626	63.950	1.576	65.414	63.860	1.454
15.000	3.551	4.9	100	Circular	65.285	64.585	0.600	65.414	63.860	1.454
16.000	1.739	2.4	100	Circular	65.285	64.585	0.600	65.414	63.860	1.454
13.005	6.143	79.8	100	Circular	65.414	63.860	1.454	65.247	63.783	1.364
17.000	5.416	6.1	100	Circular	65.285	64.677	0.508	65.247	63.783	1.364
18.000	4.290	5.1	100	Circular	65.285	64.624	0.561	65.247	63.783	1.364
13.006	5.819	79.7	100	Circular	65.247	63.783	1.364	65.088	63.710	1.278
13.007	13.401	36.8	100	Circular	65.088	63.710	1.278	64.983	63.346	1.537
19.000	3.242	37.7	100	Circular	65.285	64.609	0.576	65.224	64.523	0.601
20.000	1.356	39.9	100	Circular	65.285	64.557	0.628	65.224	64.523	0.601
19.001	4.376	8.5	100	Circular	65.224	64.523	0.601	65.106	64.006	1.000
21.000	6.441	11.1	100	Circular	65.285	64.585	0.600	65.106	64.006	1.000
22.000	6.083	10.5	100	Circular	65.285	64.585	0.600	65.106	64.006	1.000
19.002	4.449	6.7	100	Circular	65.106	64.006	1.000	64.983	63.346	1.537
1.008	5.421	79.7	100	Circular	64.983	63.346	1.537	64.610	63.278	1.232
1.011	6.587	15.7	150	Circular	64.610	63.239	1.221	64.443	62.820	1.473

Link	US Node	Dia (mm)	Node Type	DS Node	Dia (mm)	Node Type
14.000	POP 11		Junction	FWIC 11	450	Manhole
14.001	FWIC 11	450	Manhole	FWIC 08	450	Manhole
13.003	FWIC 08	450	Manhole	FWIC 07	450	Manhole
13.004	FWIC 07	450	Manhole	1	450	Manhole
15.000	POP 21		Junction	1	450	Manhole
16.000	POP 12		Junction	1	450	Manhole
13.005	1	450	Manhole	FWIC 12	450	Manhole
17.000	POP 13		Junction	FWIC 12	450	Manhole
18.000	POP 22		Junction	FWIC 12	450	Manhole
13.006	FWIC 12	450	Manhole	FWIC 13	450	Manhole
13.007	FWIC 13	450	Manhole	FWIC 01	450	Manhole
19.000	POP 23		Junction	FWIC 31	450	Manhole
20.000	POP 31		Junction	FWIC 31	450	Manhole
19.001	FWIC 31	450	Manhole	FWIC 32	450	Manhole
21.000	POP 34		Junction	FWIC 32	450	Manhole
22.000	POP 24		Junction	FWIC 32	450	Manhole
19.002	FWIC 32	450	Manhole	FWIC 01	450	Manhole
1.008	FWIC 01	450	Manhole	FW Demarcation	450	Manhole
1.011	FW Demarcation	450	Manhole	UU 9001	450	Manhole

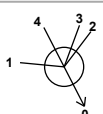
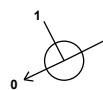
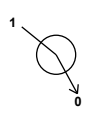
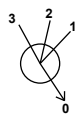
Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
POP 61	301927.767	514076.542	65.996	0.700			0	1.000	65.296	100

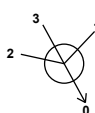
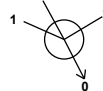
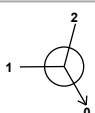
Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
POP 62	301936.502	514081.238	65.996	1.084			0	13.000	64.912	100
FWIC 62	301940.242	514078.008	65.575	0.787	450		1	13.000	64.788	100
							0	13.001	64.788	100
FWIC 63	301944.914	514069.827	65.825	1.273	450		1	13.001	64.552	100
							0	13.002	64.552	100
POP 51	301923.061	514073.166	65.996	0.926			0	2.000	65.070	100
POP 63	301928.889	514074.479	65.996	0.951			0	3.000	65.045	100
POP 52	301925.398	514068.857	65.996	0.947			0	4.000	65.049	100
FWIC 51	301927.529	514069.296	65.753	0.842	450		1	4.000	64.911	100
							2	3.000	64.911	100
							3	2.000	64.911	100
							4	1.000	64.911	100
							0	1.001	64.911	100
FWIC 52	301931.915	514060.630	65.726	0.937	450		1	1.001	64.789	100
							0	1.002	64.789	100
POP 41	301909.997	514066.561	65.996	0.881			0	5.000	65.115	100
FWIC 41	301913.160	514065.286	65.757	0.728	450		1	5.000	65.029	100
							0	5.001	65.029	100
POP 53	301916.705	514066.547	65.996	0.954			0	6.000	65.042	100
POP 54	301917.421	514065.054	65.996	0.982			0	7.000	65.014	100
POP 42	301912.304	514062.057	65.996	0.967			0	8.000	65.029	100

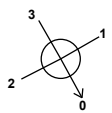
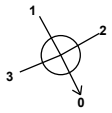
Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
FWIC 42	301914.951	514061.805	65.690	0.779	450		1	8.000	64.911	100
							2	7.000	64.911	100
							3	6.000	64.911	100
							4	5.001	64.911	100
							0	5.002	64.911	100
FWIC 44	301918.896	514054.138	65.658	1.051	450		1	5.002	64.607	100
							2	1.002	64.607	100
							0	1.003	64.607	100
POP 43	301903.658	514059.696	65.996	0.902			0	9.000	65.094	100
POP 44	301904.448	514058.130	65.996	0.933			0	10.000	65.063	100
FWIC 45	301903.499	514056.144	65.739	0.734	450		1	10.000	65.005	100
							2	9.000	65.005	100
							0	9.001	65.005	100
FWIC 04	301915.591	514041.562	65.551	1.247	450		1	1.004	64.304	100
							0	1.005	64.304	100
POP 32	301924.795	514029.324	65.285	0.727			0	11.000	64.558	100
POP 33	301925.630	514027.777	65.285	0.737			0	12.000	64.548	100
FWIC 03	301924.047	514026.102	65.174	1.091	450		1	12.000	64.083	100
							2	11.000	64.083	100
							3	1.005	64.083	100
							0	1.006	64.083	100
FWIC 02	301928.219	514019.768	64.627	0.700	450		1	1.006	63.927	100
							0	1.007	63.927	100
POP 11	301954.980	514045.449	65.285	0.700			0	14.000	64.585	100
FWIC 11	301955.629	514048.151	65.576	1.026	450		1	14.000	64.550	100
							0	14.001	64.550	100
FWIC 08	301952.826	514054.044	65.704	1.594	450		1	14.001	64.110	100
							2	13.002	64.110	100
							0	13.003	64.110	100

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Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
FWIC 07	301941.717	514047.693	65.626	1.676	450		1 0	13.003 13.004	63.950 63.950	100 100
POP 21	301941.693	514042.165	65.285	0.700			0	15.000	64.585	100
POP 12	301946.358	514042.675	65.285	0.700			0	16.000	64.585	100
1	301945.163	514041.412	65.414	1.554	450		1 2 3 0	16.000 15.000 13.004 13.005	63.860 63.860 63.860 63.860	100 100 100 100
POP 13	301952.759	514038.803	65.285	0.608			0	17.000	64.677	100
POP 22	301944.188	514037.760	65.285	0.661			0	18.000	64.624	100
FWIC 12	301948.111	514036.023	65.247	1.464	450		1 2 3 0	18.000 17.000 13.005 13.006	63.783 63.783 63.783 63.783	100 100 100 100
FWIC 13	301950.771	514030.848	65.088	1.378	450		1 0	13.006 13.007	63.710 63.710	100 100
POP 23	301935.618	514035.096	65.285	0.676			0	19.000	64.609	100
POP 31	301933.431	514031.952	65.285	0.728			0	20.000	64.557	100
FWIC 31	301934.787	514031.962	65.224	0.701	450		1 2 0	20.000 19.000 19.001	64.523 64.523 64.523	100 100 100
POP 34	301931.234	514025.224	65.285	0.700			0	21.000	64.585	100
POP 24	301942.238	514031.197	65.285	0.700			0	22.000	64.585	100

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
FWIC 32	301936.964	514028.166	65.106	1.100	450		1	22.000	64.006	100
							2	21.000	64.006	100
							3	19.001	64.006	100
							0	19.002	64.006	100
FWIC 01	301939.100	514024.263	64.983	1.637	450		1	19.002	63.346	100
							2	13.007	63.346	100
							3	1.007	63.346	100
							0	1.008	63.346	100
FW Demarcation	301941.515	514019.410	64.610	1.371	450		1	1.008	63.278	100
							0	1.011	63.239	150
UU 9001	301941.071	514012.838	64.443	1.623	450		1	1.011	62.820	150
FWIC 46	301907.028	514048.514	65.608	1.166	450		1	9.001	64.442	100
							2	1.003	64.442	100
							0	1.004	64.442	100