

Nodes

	Name	Cover Level (m)	Diameter (mm)	Depth (m)
✓	1	8.450	150	0.600
✓	2	8.300	600	0.983
✓	3	8.150	600	0.988
✓	4	7.225	600	0.884
✓	5	7.310	600	1.382
✓	6	8.450	150	0.600
✓	7	8.300	600	1.059
✓	8	8.150	600	1.033
✓	9	8.450	150	0.600
✓	10	8.300	150	0.800
✓	11	8.300	600	0.912
✓	12	8.300	150	0.800
✓	13	8.300		1.315
✓	14	8.450		0.700
✓	15	8.450		0.700
✓	16	8.300	450	0.779
✓	17	8.100	600	1.416

Links

	Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)
✓	1.000	10	11	4.978	1.500	7.500	7.438	0.062	80.0	100
✓	2.000	12	11	1.887	1.500	7.500	7.476	0.024	80.0	100
✓	1.001	11	2	4.258	1.500	7.388	7.317	0.071	60.0	150
?	3.000	1	2	1.901	1.500	7.850	7.550	0.300	6.3	150
✓	1.002	2	7	4.511	1.500	7.317	7.241	0.076	59.4	150
?	4.000	6	7	1.569	1.500	7.850	7.550	0.300	5.2	150
✓	1.003	7	3	4.704	1.500	7.241	7.162	0.079	59.5	150
✓	1.004	3	8	2.674	1.500	7.162	7.117	0.045	59.4	150
?	5.000	9	8	1.956	1.500	7.850	7.801	0.049	40.0	150
✓	1.005	8	13	10.536	1.500	7.117	6.985	0.132	80.0	150
✓	6.000	15	16	9.130	1.500	7.750	7.521	0.229	39.9	100
✓	7.000	14	16	5.831	1.500	7.750	7.521	0.229	25.5	100
✓	6.001	16	13	1.008	1.500	7.521	7.495	0.026	38.8	100

Name	US Node	DS Node	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	10	11	0.000	0.744	5.8	0.0	0.700	0.762	0.000	0	0.0	0.0	0	0.000
2.000	12	11	0.000	0.744	5.8	0.0	0.700	0.724	0.000	0	0.0	0.0	0	0.000
1.001	11	2	0.000	1.132	20.0	0.0	0.762	0.833	0.000	0	0.0	0.0	0	0.000
3.000	1	2	0.000	3.495	61.8	0.0	0.450	0.600	0.000	0	0.0	0.0	0	0.000
1.002	2	7	0.000	1.138	20.1	0.0	0.833	0.909	0.000	0	0.0	0.0	0	0.000
4.000	6	7	0.000	3.847	68.0	0.0	0.450	0.600	0.000	0	0.0	0.0	0	0.000
1.003	7	3	0.000	1.136	20.1	0.0	0.909	0.838	0.000	0	0.0	0.0	0	0.000
1.004	3	8	0.000	1.138	20.1	0.0	0.838	0.883	0.000	0	0.0	0.0	0	0.000
5.000	9	8	0.000	1.388	24.5	0.0	0.450	0.199	0.000	0	0.0	0.0	0	0.000
1.005	8	13	0.000	0.980	17.3	0.0	0.883	1.165	0.000	0	0.0	0.0	0	0.000
6.000	15	16	0.000	1.056	8.3	0.0	0.600	0.679	0.000	0	0.0	0.0	0	0.000
7.000	14	16	0.000	1.322	10.4	0.0	0.600	0.679	0.000	0	0.0	0.0	0	0.000
6.001	16	13	0.000	1.071	8.4	0.0	0.679	0.705	0.000	0	0.0	0.0	0	0.000

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)
? 1.008	4	5	11.630	1.500	6.341	5.928	0.413	28.2	150
? 1.006	13	17	24.117	1.500	6.985	6.684	0.301	80.0	150
? 1.007	17	4	5.152	1.500	6.684	6.341	0.343	15.0	150

Name	US Node	DS Node	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
1.008	4	5	0.000	1.655	29.2	0.0	0.734	1.232	0.000	0	0.0	0.0	0	0.000
1.006	13	17	0.000	0.980	17.3	0.0	1.165	1.266	0.000	0	0.0	0.0	0	0.000
1.007	17	4	0.000	2.269	40.1	0.0	1.266	0.734	0.000	0	0.0	0.0	0	0.000

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	4.978	80.0	100	Circular	8.300	7.500	0.700	8.300	7.438	0.762
2.000	1.887	80.0	100	Circular	8.300	7.500	0.700	8.300	7.476	0.724
1.001	4.258	60.0	150	Circular	8.300	7.388	0.762	8.300	7.317	0.833
3.000	1.901	6.3	150	Circular	8.450	7.850	0.450	8.300	7.550	0.600
1.002	4.511	59.4	150	Circular	8.300	7.317	0.833	8.300	7.241	0.909
4.000	1.569	5.2	150	Circular	8.450	7.850	0.450	8.300	7.550	0.600

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	10	150	Manhole	Adoptable	11	600	Manhole	Adoptable
2.000	12	150	Manhole	Adoptable	11	600	Manhole	Adoptable
1.001	11	600	Manhole	Adoptable	2	600	Manhole	Adoptable
3.000	1	150	Manhole	Adoptable	2	600	Manhole	Adoptable
1.002	2	600	Manhole	Adoptable	7	600	Manhole	Adoptable
4.000	6	150	Manhole	Adoptable	7	600	Manhole	Adoptable

Pipeline Schedule

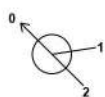
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.003	4.704	59.5	150	Circular	8.300	7.241	0.909	8.150	7.162	0.838
1.004	2.674	59.4	150	Circular	8.150	7.162	0.838	8.150	7.117	0.883
5.000	1.956	40.0	150	Circular	8.450	7.850	0.450	8.150	7.801	0.199
1.005	10.536	80.0	150	Circular	8.150	7.117	0.883	8.300	6.985	1.165
6.000	9.130	39.9	100	Circular	8.450	7.750	0.600	8.300	7.521	0.679
7.000	5.831	25.5	100	Circular	8.450	7.750	0.600	8.300	7.521	0.679
6.001	1.008	38.8	100	Circular	8.300	7.521	0.679	8.300	7.495	0.705
1.008	11.630	28.2	150	Circular	7.225	6.341	0.734	7.310	5.928	1.232
1.006	24.117	80.0	150	Circular	8.300	6.985	1.165	8.100	6.684	1.266
1.007	5.152	15.0	150	Circular	8.100	6.684	1.266	7.225	6.341	0.734

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.003	7	600	Manhole	Adoptable	3	600	Manhole	Adoptable
1.004	3	600	Manhole	Adoptable	8	600	Manhole	Adoptable
5.000	9	150	Manhole	Adoptable	8	600	Manhole	Adoptable
1.005	8	600	Manhole	Adoptable	13		Junction	
6.000	15		Junction		16	450	Manhole	Adoptable
7.000	14		Junction		16	450	Manhole	Adoptable
6.001	16	450	Manhole	Adoptable	13		Junction	
1.008	4	600	Manhole	Adoptable	5	600	Manhole	Adoptable
1.006	13		Junction		17	600	Manhole	Adoptable
1.007	17	600	Manhole	Adoptable	4	600	Manhole	Adoptable

Manhole Schedule

Node	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
1	8.450	0.600	150		0	3.000	7.850	150
2	8.300	0.983	600		1	3.000	7.550	150
					2	1.001	7.317	150
					0	1.002	7.317	150
3	8.150	0.988	600		1	1.003	7.162	150
					0	1.004	7.162	150
4	7.225	0.884	600		1	1.007	6.341	150
					0	1.008	6.341	150
5	7.310	1.382	600		1	1.008	5.928	150
6	8.450	0.600	150		0	4.000	7.850	150
7	8.300	1.059	600		1	4.000	7.550	150
					2	1.002	7.241	150
					0	1.003	7.241	150
8	8.150	1.033	600		1	5.000	7.801	150
					2	1.004	7.117	150
					0	1.005	7.117	150

Manhole Schedule

Node	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
9	8.450	0.600	150		0	5.000	7.850	150
10	8.300	0.800	150		0	1.000	7.500	100
11	8.300	0.912	600		1	2.000	7.476	100
					2	1.000	7.438	100
					0	1.001	7.388	150
12	8.300	0.800	150		0	2.000	7.500	100
13	8.300	1.315			1	6.001	7.495	100
					2	1.005	6.985	150
					0	1.006	6.985	150
14	8.450	0.700			0	7.000	7.750	100
15	8.450	0.700			0	6.000	7.750	100
16	8.300	0.779	450		1	7.000	7.521	100
					2	6.000	7.521	100
					0	6.001	7.521	100

Manhole Schedule

Node	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
17	8.100	1.416	600		1	1.006	6.684	150
					0	1.007	6.684	150