

Design Settings

Frequency of use (kDU)	1.00	Minimum Velocity (m/s)	0.75
Flow per dwelling per day (l/day)	4000	Connection Type	Level Soffits
Domestic Flow (l/s/ha)	0.0	Minimum Backdrop Height (m)	1.000
Industrial Flow (l/s/ha)	0.0	Preferred Cover Depth (m)	1.650
Additional Flow (%)	0	Include Intermediate Ground	✓

Nodes

Name	Dwellings	Cover Level (m)	Manhole Type	Easting (m)	Northing (m)	Depth (m)
F1	6	34.390	Adoptable	440507.618	404268.652	2.090
F2	5	33.200	Adoptable	440496.314	404215.159	2.267
F3	11	32.900	Adoptable	440507.692	404212.274	2.261
F4	8	32.250	Adoptable	440495.637	404153.806	2.540
F5	6	31.710	Adoptable	440489.259	404123.161	2.783
F6	8	33.100	Adoptable	440567.888	404202.998	2.250
F7	14	31.810	Adoptable	440557.267	404151.984	2.862
F8	16	30.890	Adoptable	440545.601	404097.313	2.408
F9		30.740	Adoptable	440494.540	404088.547	2.690
F10		29.650	Adoptable	440503.559	404034.109	2.060
C51		29.568	Adoptable	440504.481	404024.511	2.058
F11	6	34.001	Adoptable	440574.721	404231.629	2.415

Links (Input)

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	F1	F2	54.670	1.500	32.300	30.933	1.367	40.0	150
1.001	F2	F3	11.740	1.500	30.933	30.639	0.294	39.9	150
1.002	F3	F4	59.710	1.500	30.639	29.710	0.929	64.3	150
1.003	F4	F5	31.302	1.500	29.710	28.927	0.783	40.0	150
1.004	F5	F9	35.015	1.500	28.927	28.050	0.877	39.9	150
2.001	F6	F7	52.108	1.500	30.850	28.948	1.902	27.4	150
2.002	F7	F8	55.902	1.500	28.948	28.482	0.466	120.0	150
2.003	F8	F9	51.808	1.500	28.482	28.050	0.432	119.9	150
1.005	F9	F10	55.180	1.500	28.050	27.590	0.460	120.0	150
1.006	F10	C51	9.630	1.500	27.590	27.510	0.080	120.4	150
2.000	F11	F6	29.435	1.500	31.586	30.850	0.736	40.0	150

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	54.670	40.0	150	Circular_Default Sewer Type	34.390	32.300	1.940	33.200	30.933	2.117
1.001	11.740	39.9	150	Circular_Default Sewer Type	33.200	30.933	2.117	32.900	30.639	2.111
1.002	59.710	64.3	150	Circular_Default Sewer Type	32.900	30.639	2.111	32.250	29.710	2.390
1.003	31.302	40.0	150	Circular_Default Sewer Type	32.250	29.710	2.390	31.710	28.927	2.633

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	F1	1200	Manhole	Adoptable	F2	1200	Manhole	Adoptable
1.001	F2	1200	Manhole	Adoptable	F3	1200	Manhole	Adoptable
1.002	F3	1200	Manhole	Adoptable	F4	1200	Manhole	Adoptable
1.003	F4	1200	Manhole	Adoptable	F5	1200	Manhole	Adoptable

Pipeline Schedule

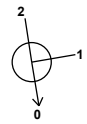
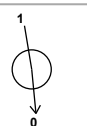
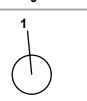
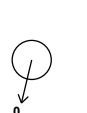
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.004	35.015	39.9	150	Circular_Default Sewer Type	31.710	28.927	2.633	30.740	28.050	2.540
2.001	52.108	27.4	150	Circular_Default Sewer Type	33.100	30.850	2.100	31.810	28.948	2.712
2.002	55.902	120.0	150	Circular_Default Sewer Type	31.810	28.948	2.712	30.890	28.482	2.258
2.003	51.808	119.9	150	Circular_Default Sewer Type	30.890	28.482	2.258	30.740	28.050	2.540
1.005	55.180	120.0	150	Circular_Default Sewer Type	30.740	28.050	2.540	29.650	27.590	1.910
1.006	9.630	120.4	150	Circular_Default Sewer Type	29.650	27.590	1.910	29.568	27.510	1.908
2.000	29.435	40.0	150	Circular_Default Sewer Type	34.001	31.586	2.265	33.100	30.850	2.100

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.004	F5	1200	Manhole	Adoptable	F9	1200	Manhole	Adoptable
2.001	F6	1200	Manhole	Adoptable	F7	1200	Manhole	Adoptable
2.002	F7	1200	Manhole	Adoptable	F8	1200	Manhole	Adoptable
2.003	F8	1200	Manhole	Adoptable	F9	1200	Manhole	Adoptable
1.005	F9	1200	Manhole	Adoptable	F10	1200	Manhole	Adoptable
1.006	F10	1200	Manhole	Adoptable	C51	1200	Manhole	Adoptable
2.000	F11	1200	Manhole	Adoptable	F6	1200	Manhole	Adoptable

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
F1	440507.618	404268.652	34.390	2.090	1200				
F2	440496.314	404215.159	33.200	2.267	1200		1.000	32.300	150
F3	440507.692	404212.274	32.900	2.261	1200		1.001	30.933	150
F4	440495.637	404153.806	32.250	2.540	1200		1.002	30.639	150
F5	440489.259	404123.161	31.710	2.783	1200		1.003	29.710	150
F6	440567.888	404202.998	33.100	2.250	1200		1.004	28.927	150
F7	440557.267	404151.984	31.810	2.862	1200		2.000	30.850	150
							2.001	28.948	150
							2.002	28.948	150

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
F8	440545.601	404097.313	30.890	2.408	1200		1	2.002	28.482	150
							0	2.003	28.482	150
F9	440494.540	404088.547	30.740	2.690	1200		1	2.003	28.050	150
							2	1.004	28.050	150
F10	440503.559	404034.109	29.650	2.060	1200		0	1.005	28.050	150
							1	1.005	27.590	150
C51	440504.481	404024.511	29.568	2.058	1200		0	1.006	27.590	150
							1	1.006	27.510	150
F11	440574.721	404231.629	34.001	2.415	1200		0	2.000	31.586	150