

Design Settings

Frequency of use (kDU)	0.50	Minimum Velocity (m/s)	0.70
Flow per dwelling per day (l/day)	2880	Connection Type	Level Soffits
Domestic Flow (l/s/ha)	0.0	Minimum Backdrop Height (m)	0.200
Industrial Flow (l/s/ha)	0.0	Preferred Cover Depth (m)	1.200
Additional Flow (%)	0	Include Intermediate Ground	✓

Nodes

Name	Units	Cover Level (m)	Manhole Type	Depth (m)
1	24.0	39.639	Adoptable	1.324
2	21.0	39.571	Adoptable	1.426
3		39.700	Adoptable	1.653
4	175.2	39.606	Adoptable	1.416
5	10.3	39.452	Adoptable	1.352
6		39.430	Adoptable	1.662
7		39.542	Adoptable	1.839
7_OUT		39.257	Adoptable	1.587

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	1	2	22.605	1.500	38.315	38.145	0.170	133.0	150
1.001	2	3	9.470	1.500	38.145	38.047	0.098	96.6	150
1.002	3	7	27.486	1.500	38.047	37.703	0.344	79.9	150
2.000	4	5	7.013	1.500	38.190	38.100	0.090	77.9	150
2.001	5	6	10.534	1.500	38.100	37.768	0.332	31.7	150
2.002	6	7	3.795	1.500	37.768	37.703	0.065	58.4	150
1.003	7	7_OUT	5.324	1.500	37.703	37.670	0.033	161.3	150

Name	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	0.415	0.759	13.4	2.4	1.174	1.276	0.000	0	24.0	0.0	44	0.576
1.001	0.509	0.891	15.7	3.4	1.276	1.503	0.000	0	45.0	0.0	47	0.707
1.002	0.544	0.980	17.3	3.4	1.503	1.689	0.000	0	45.0	0.0	45	0.756
2.000	0.674	0.993	17.5	6.6	1.266	1.202	0.000	0	175.2	0.0	64	0.924
2.001	0.939	1.559	27.5	6.8	1.202	1.512	0.000	0	185.5	0.0	51	1.287
2.002	0.756	1.148	20.3	6.8	1.512	1.689	0.000	0	185.5	0.0	60	1.035
1.003	0.542	0.688	12.2	7.6	1.689	1.437	0.000	0	230.5	0.0	86	0.726

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	22.605	133.0	150	Circular	39.639	38.315	1.174	39.571	38.145	1.276
1.001	9.470	96.6	150	Circular	39.571	38.145	1.276	39.700	38.047	1.503
1.002	27.486	79.9	150	Circular	39.700	38.047	1.503	39.542	37.703	1.689
2.000	7.013	77.9	150	Circular	39.606	38.190	1.266	39.452	38.100	1.202
2.001	10.534	31.7	150	Circular	39.452	38.100	1.202	39.430	37.768	1.512
2.002	3.795	58.4	150	Circular	39.430	37.768	1.512	39.542	37.703	1.689
1.003	5.324	161.3	150	Circular	39.542	37.703	1.689	39.257	37.670	1.437

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	1	450	Manhole	Adoptable	2	450	Manhole	Adoptable
1.001	2	450	Manhole	Adoptable	3	450	Manhole	Adoptable
1.002	3	450	Manhole	Adoptable	7	1200	Manhole	Adoptable
2.000	4	1050	Manhole	Adoptable	5	1050	Manhole	Adoptable
2.001	5	1050	Manhole	Adoptable	6	1050	Manhole	Adoptable
2.002	6	1050	Manhole	Adoptable	7	1200	Manhole	Adoptable
1.003	7	1200	Manhole	Adoptable	7_OUT	1200	Manhole	Adoptable

Manhole Schedule

Node	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
1	39.639	1.324	450				
				0	1.000	38.315	150
2	39.571	1.426	450				
				0	1.001	38.145	150
3	39.700	1.653	450				
				0	1.002	38.047	150
4	39.606	1.416	1050				
				0	2.000	38.190	150
5	39.452	1.352	1050				
				0	2.001	38.100	150
6	39.430	1.662	1050				
				0	2.002	37.768	150
7	39.542	1.839	1200				
				1	2.002	37.703	150
				2	1.002	37.703	150
				0	1.003	37.703	150

Manhole Schedule

Node	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
7_OUT	39.257	1.587	1200	1 	1.003	37.670	150