

Design Settings

Frequency of use (kDU)	0.00	Minimum Velocity (m/s)	0.75
Flow per dwelling per day (l/day)	4000	Connection Type	Level Soffits
Domestic Flow (l/s/ha)	9.9	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	Dwellings	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
1	4	58.370	1200	477563.659	164601.811	2.570
2	13	58.380	1200	477523.435	164610.425	3.302
3	6	58.030	1200	477494.713	164628.311	3.577
4	20	57.830	1200	477475.290	164633.024	3.721
110		57.813		477455.980	164636.836	3.835

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	41.136	1.500	55.800	55.078	0.722	57.0	150
1.001	2	3	33.836	1.500	55.078	54.474	0.604	56.0	150
1.002	3	4	19.987	1.500	54.453	54.109	0.344	58.1	150
1.003	4	110	19.683	1.500	54.109	53.978	0.131	150.2	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	0.233	1.162	20.5	0.2	2.420	3.152	0.000	4	0.0	0.0	10	0.341
1.001	0.386	1.172	20.7	0.8	3.152	3.406	0.000	17	0.0	0.0	20	0.552
1.002	0.429	1.150	20.3	1.1	3.427	3.571	0.000	23	0.0	0.0	24	0.602
1.003	0.372	0.713	12.6	2.0	3.571	3.685	0.000	43	0.0	0.0	41	0.520

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	41.136	57.0	150	Circular_Default Sewer Type	58.370	55.800	2.420	58.380	55.078	3.152
1.001	33.836	56.0	150	Circular_Default Sewer Type	58.380	55.078	3.152	58.030	54.474	3.406
1.002	19.987	58.1	150	Circular_Default Sewer Type	58.030	54.453	3.427	57.830	54.109	3.571
1.003	19.683	150.2	150	Circular_Default Sewer Type	57.830	54.109	3.571	57.813	53.978	3.685

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	1	1200	Manhole	Adoptable	2	1200	Manhole	Adoptable
1.001	2	1200	Manhole	Adoptable	3	1200	Manhole	Adoptable
1.002	3	1200	Manhole	Adoptable	4	1200	Manhole	Adoptable
1.003	4	1200	Manhole	Adoptable	110		Junction	

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
1	477563.659	164601.811	58.370	2.570	1200				
						0	1.000	55.800	150
2	477523.435	164610.425	58.380	3.302	1200		1	1.000	55.078
						0	1.001	55.078	150
3	477494.713	164628.311	58.030	3.577	1200		1	1.001	54.474
						0	1.002	54.453	150
4	477475.290	164633.024	57.830	3.721	1200		1	1.002	54.109
						0	1.003	54.109	150
110	477455.980	164636.836	57.813	3.835			1	1.003	53.978