

Nodes

Name	Dwellings	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
401	0	26.861	1200	341048.839	398523.289	1.350
402	0	26.407	1200	341006.794	398539.139	1.458
403	0	26.697	1200	340978.952	398549.859	1.947
404	0	26.810	1200	340965.872	398559.521	2.168
405	0	25.470	1200	341111.594	398553.816	1.350
406	0	25.244	1200	341116.649	398567.970	1.981
407	0	25.833	1200	341071.819	398582.807	2.885
408	0	26.050	1200	341011.461	398605.716	3.532
409	0	25.816	1200	340986.880	398615.173	3.474
410	0	24.928	1200	341004.866	398662.248	2.922
411	0	24.350	1200	341011.091	398676.919	2.450
412	0	25.183	1200	341179.258	398552.069	1.350
413	0	23.852	1200	341177.414	398607.344	1.350
414	0	23.717	1200	341173.829	398612.804	1.350
415	0	23.622	1200	341168.144	398616.186	1.350
416	0	23.880	1200	341132.484	398630.438	1.864
417	0	23.718	1200	341085.847	398649.228	2.037
418	0	24.100	1200	341047.061	398664.986	2.698
419	0	24.100	1200	341016.576	398691.333	2.967
420	0	25.059	1200	340827.033	398602.375	1.350
421	0	25.715	1200	340876.131	398583.823	2.662
422	0	25.753	1200	340894.531	398543.639	1.350
423	0	26.141	1200	340905.519	398572.718	3.297
424	0	26.407	1200	340923.675	398620.769	3.905
425	0	25.134	1200	340832.215	398670.141	1.350
426	0	25.345	1200	340869.370	398655.979	2.058
427	0	25.400	1200	340887.912	398705.069	1.543
428	0	25.532	1200	340874.628	398669.933	2.344
429	0	26.049	1200	340933.840	398647.615	4.976
430	0	24.085	1200	340953.406	398699.025	3.379
431	0	23.312	1200	340961.474	398720.225	2.757
432		22.800	1200	340971.033	398743.527	2.413

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	401	402	44.933	1.500	25.511	24.949	0.562	80.0	150
1.001	402	403	29.834	1.500	24.949	24.750	0.199	150.0	150
1.002	403	404	16.262	1.500	24.750	24.642	0.108	150.0	150
1.003	404	409	59.485	1.500	24.642	24.245	0.397	150.0	150
2.000	405	406	15.030	1.500	24.120	23.263	0.857	17.5	150
2.001	406	407	47.221	1.500	23.263	22.948	0.315	150.0	150
2.002	407	408	64.559	1.500	22.948	22.518	0.430	150.0	150
2.003	408	409	26.337	1.500	22.518	22.342	0.176	150.0	150
1.004	409	410	50.394	1.500	22.342	22.006	0.336	150.0	150
1.005	410	411	15.937	1.500	22.006	21.900	0.106	150.0	150
1.006	411	419	15.422	1.500	21.900	21.797	0.103	150.0	150
3.000	412	413	55.306	1.500	23.833	22.502	1.331	41.6	150
3.001	413	414	6.532	1.500	22.502	22.367	0.135	48.4	150
3.002	414	415	6.615	1.500	22.367	22.272	0.095	69.6	150
3.003	415	416	38.403	1.500	22.272	22.016	0.256	150.0	150

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)
3.004	416	417	50.280	1.500	22.016	21.681	0.335	150.0	150
3.005	417	418	41.865	1.500	21.681	21.402	0.279	150.0	150
3.006	418	419	40.293	1.500	21.402	21.133	0.269	150.0	150
1.007	419	431	62.217	1.500	21.133	20.555	0.578	107.6	150
4.000	420	421	52.486	1.500	23.709	23.053	0.656	80.0	150
4.001	421	423	31.416	1.500	23.053	22.844	0.209	150.0	150
5.000	422	423	31.086	1.500	24.403	22.844	1.559	19.9	150
4.002	423	424	51.367	1.500	22.844	22.502	0.342	150.0	150
4.003	424	429	28.706	1.500	22.502	22.311	0.191	150.0	150
6.000	425	426	39.762	1.500	23.784	23.287	0.497	80.0	150
6.001	426	428	14.912	1.500	23.287	23.188	0.099	150.0	150
7.000	427	428	37.563	1.500	23.857	23.189	0.668	56.2	150
6.002	428	429	63.278	1.500	23.188	22.310	0.878	72.1	150
4.004	429	430	55.007	1.500	21.073	20.706	0.367	150.0	150
4.005	430	431	22.683	1.500	20.706	20.555	0.151	150.0	150
1.008	431	432	25.186	1.500	20.555	20.387	0.168	150.0	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	44.933	80.0	150	Circular_Default Sewer Type	26.861	25.511	1.200	26.407	24.949	1.308
1.001	29.834	150.0	150	Circular_Default Sewer Type	26.407	24.949	1.308	26.697	24.750	1.797
1.002	16.262	150.0	150	Circular_Default Sewer Type	26.697	24.750	1.797	26.810	24.642	2.018
1.003	59.485	150.0	150	Circular_Default Sewer Type	26.810	24.642	2.018	25.816	24.245	1.421
2.000	15.030	17.5	150	Circular_Default Sewer Type	25.470	24.120	1.200	25.244	23.263	1.831
2.001	47.221	150.0	150	Circular_Default Sewer Type	25.244	23.263	1.831	25.833	22.948	2.735
2.002	64.559	150.0	150	Circular_Default Sewer Type	25.833	22.948	2.735	26.050	22.518	3.382
2.003	26.337	150.0	150	Circular_Default Sewer Type	26.050	22.518	3.382	25.816	22.342	3.324
1.004	50.394	150.0	150	Circular_Default Sewer Type	25.816	22.342	3.324	24.928	22.006	2.772
1.005	15.937	150.0	150	Circular_Default Sewer Type	24.928	22.006	2.772	24.350	21.900	2.300
1.006	15.422	150.0	150	Circular_Default Sewer Type	24.350	21.900	2.300	24.100	21.797	2.153
3.000	55.306	41.6	150	Circular_Default Sewer Type	25.183	23.833	1.200	23.852	22.502	1.200
3.001	6.532	48.4	150	Circular_Default Sewer Type	23.852	22.502	1.200	23.717	22.367	1.200
3.002	6.615	69.6	150	Circular_Default Sewer Type	23.717	22.367	1.200	23.622	22.272	1.200

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	401	1200	Manhole	Adoptable	402	1200	Manhole	Adoptable
1.001	402	1200	Manhole	Adoptable	403	1200	Manhole	Adoptable
1.002	403	1200	Manhole	Adoptable	404	1200	Manhole	Adoptable
1.003	404	1200	Manhole	Adoptable	409	1200	Manhole	Adoptable
2.000	405	1200	Manhole	Adoptable	406	1200	Manhole	Adoptable
2.001	406	1200	Manhole	Adoptable	407	1200	Manhole	Adoptable
2.002	407	1200	Manhole	Adoptable	408	1200	Manhole	Adoptable
2.003	408	1200	Manhole	Adoptable	409	1200	Manhole	Adoptable
1.004	409	1200	Manhole	Adoptable	410	1200	Manhole	Adoptable
1.005	410	1200	Manhole	Adoptable	411	1200	Manhole	Adoptable
1.006	411	1200	Manhole	Adoptable	419	1200	Manhole	Adoptable
3.000	412	1200	Manhole	Adoptable	413	1200	Manhole	Adoptable
3.001	413	1200	Manhole	Adoptable	414	1200	Manhole	Adoptable
3.002	414	1200	Manhole	Adoptable	415	1200	Manhole	Adoptable

Pipeline Schedule

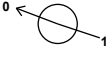
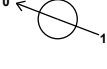
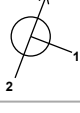
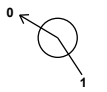
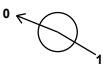
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
3.003	38.403	150.0	150	Circular_Default Sewer Type	23.622	22.272	1.200	23.880	22.016	1.714
3.004	50.280	150.0	150	Circular_Default Sewer Type	23.880	22.016	1.714	23.718	21.681	1.887
3.005	41.865	150.0	150	Circular_Default Sewer Type	23.718	21.681	1.887	24.100	21.402	2.548
3.006	40.293	150.0	150	Circular_Default Sewer Type	24.100	21.402	2.548	24.100	21.133	2.817
1.007	62.217	107.6	150	Circular_Default Sewer Type	24.100	21.133	2.817	23.312	20.555	2.607
4.000	52.486	80.0	150	Circular_Default Sewer Type	25.059	23.709	1.200	25.715	23.053	2.512
4.001	31.416	150.0	150	Circular_Default Sewer Type	25.715	23.053	2.512	26.141	22.844	3.147
5.000	31.086	19.9	150	Circular_Default Sewer Type	25.753	24.403	1.200	26.141	22.844	3.147
4.002	51.367	150.0	150	Circular_Default Sewer Type	26.141	22.844	3.147	26.407	22.502	3.755
4.003	28.706	150.0	150	Circular_Default Sewer Type	26.407	22.502	3.755	26.049	22.311	3.588
6.000	39.762	80.0	150	Circular_Default Sewer Type	25.134	23.784	1.200	25.345	23.287	1.908
6.001	14.912	150.0	150	Circular_Default Sewer Type	25.345	23.287	1.908	25.532	23.188	2.194
7.000	37.563	56.2	150	Circular_Default Sewer Type	25.400	23.857	1.393	25.532	23.189	2.193
6.002	63.278	72.1	150	Circular_Default Sewer Type	25.532	23.188	2.194	26.049	22.310	3.589
4.004	55.007	150.0	150	Circular_Default Sewer Type	26.049	21.073	4.826	24.085	20.706	3.229
4.005	22.683	150.0	150	Circular_Default Sewer Type	24.085	20.706	3.229	23.312	20.555	2.607
1.008	25.186	150.0	150	Circular_Default Sewer Type	23.312	20.555	2.607	22.800	20.387	2.263

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
3.003	415	1200	Manhole	Adoptable	416	1200	Manhole	Adoptable
3.004	416	1200	Manhole	Adoptable	417	1200	Manhole	Adoptable
3.005	417	1200	Manhole	Adoptable	418	1200	Manhole	Adoptable
3.006	418	1200	Manhole	Adoptable	419	1200	Manhole	Adoptable
1.007	419	1200	Manhole	Adoptable	431	1200	Manhole	Adoptable
4.000	420	1200	Manhole	Adoptable	421	1200	Manhole	Adoptable
4.001	421	1200	Manhole	Adoptable	423	1200	Manhole	Adoptable
5.000	422	1200	Manhole	Adoptable	423	1200	Manhole	Adoptable
4.002	423	1200	Manhole	Adoptable	424	1200	Manhole	Adoptable
4.003	424	1200	Manhole	Adoptable	429	1200	Manhole	Adoptable
6.000	425	1200	Manhole	Adoptable	426	1200	Manhole	Adoptable
6.001	426	1200	Manhole	Adoptable	428	1200	Manhole	Adoptable
7.000	427	1200	Manhole	Adoptable	428	1200	Manhole	Adoptable
6.002	428	1200	Manhole	Adoptable	429	1200	Manhole	Adoptable
4.004	429	1200	Manhole	Adoptable	430	1200	Manhole	Adoptable
4.005	430	1200	Manhole	Adoptable	431	1200	Manhole	Adoptable
1.008	431	1200	Manhole	Adoptable	432	1200	Manhole	Adoptable

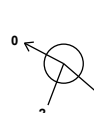
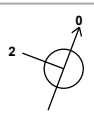
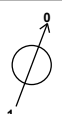
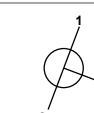
Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
401	341048.839	398523.289	26.861	1.350	1200					
							0	1.000	25.511	150
402	341006.794	398539.139	26.407	1.458	1200					
							1	1.000	24.949	150
							0	1.001	24.949	150

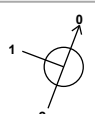
Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
403	340978.952	398549.859	26.697	1.947	1200	 1	1.001	24.750	150
						0	1.002	24.750	150
404	340965.872	398559.521	26.810	2.168	1200	 1	1.002	24.642	150
						0	1.003	24.642	150
405	341111.594	398553.816	25.470	1.350	1200	 0	2.000	24.120	150
406	341116.649	398567.970	25.244	1.981	1200	 1	2.000	23.263	150
						0	2.001	23.263	150
407	341071.819	398582.807	25.833	2.885	1200	 1	2.001	22.948	150
						0	2.002	22.948	150
408	341011.461	398605.716	26.050	3.532	1200	 1	2.002	22.518	150
						0	2.003	22.518	150
409	340986.880	398615.173	25.816	3.474	1200	 1 2	2.003	22.342	150
						0	1.003	24.245	150
						0	1.004	22.342	150
410	341004.866	398662.248	24.928	2.922	1200	 1	1.004	22.006	150
						0	1.005	22.006	150
411	341011.091	398676.919	24.350	2.450	1200	 1	1.005	21.900	150
						0	1.006	21.900	150
412	341179.258	398552.069	25.183	1.350	1200	 0	3.000	23.833	150
413	341177.414	398607.344	23.852	1.350	1200	 1	3.000	22.502	150
						0	3.001	22.502	150
414	341173.829	398612.804	23.717	1.350	1200	 1	3.001	22.367	150
						0	3.002	22.367	150
415	341168.144	398616.186	23.622	1.350	1200	 1	3.002	22.272	150
						0	3.003	22.272	150

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
416	341132.484	398630.438	23.880	1.864	1200	 1	3.003	22.016	150
417	341085.847	398649.228	23.718	2.037	1200	0	3.004	22.016	150
						 1	3.004	21.681	150
418	341047.061	398664.986	24.100	2.698	1200	0	3.005	21.681	150
						 1	3.005	21.402	150
419	341016.576	398691.333	24.100	2.967	1200	0	3.006	21.402	150
						 1	3.006	21.133	150
						2	1.006	21.797	150
420	340827.033	398602.375	25.059	1.350	1200	0	1.007	21.133	150
						 0			
421	340876.131	398583.823	25.715	2.662	1200	0	4.000	23.709	150
						 1	4.000	23.053	150
422	340894.531	398543.639	25.753	1.350	1200	0	4.001	23.053	150
						 0			
423	340905.519	398572.718	26.141	3.297	1200	0	5.000	24.403	150
						 1	5.000	22.844	150
						2	4.001	22.844	150
424	340923.675	398620.769	26.407	3.905	1200	0	4.002	22.844	150
						 1	4.002	22.502	150
425	340832.215	398670.141	25.134	1.350	1200	0	4.003	22.502	150
						 0			
426	340869.370	398655.979	25.345	2.058	1200	0	6.000	23.784	150
						 1	6.000	23.287	150
427	340887.912	398705.069	25.400	1.543	1200	0	6.001	23.287	150
						 0			
428	340874.628	398669.933	25.532	2.344	1200	0	7.000	23.857	150
						 1	7.000	23.189	150
						2	6.001	23.188	150
						0	6.002	23.188	150

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
429	340933.840	398647.615	26.049	4.976	1200		1	6.002	22.310	150
							2	4.003	22.311	150
							0	4.004	21.073	150
430	340953.406	398699.025	24.085	3.379	1200		1	4.004	20.706	150
							0	4.005	20.706	150
431	340961.474	398720.225	23.312	2.757	1200		1	4.005	20.555	150
							2	1.007	20.555	150
							0	1.008	20.555	150
432	340971.033	398743.527	22.800	2.413	1200		1	1.008	20.387	150