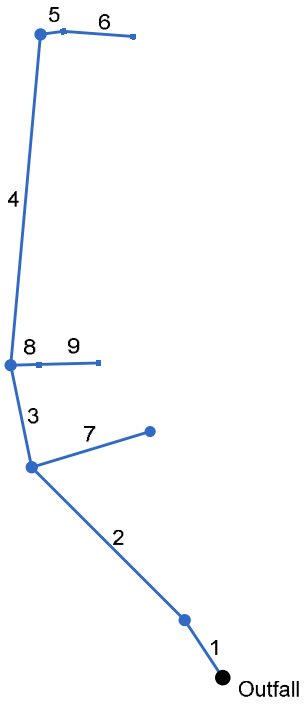
Hydraflow Storm Sewers Extension for Autodesk® AutoCAD® Civil 3D® Plan



Project File: STM SYSTEM_1-10.stm	Number of lines: 9	Date: 11/4/2019

Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	38.370	0.00	1.13	0.00	0.00	0.55	0.0	14.3	4.5	2.47	13.93	4.18	12	15.30	95.50	101.37	96.24	102.04	0.00	105.25	STM PIPE 2-1
2	1	113.164	0.00	1.13	0.00	0.00	0.55	0.0	13.8	4.6	2.51	3.09	4.38	12	0.75	101.37	102.22	102.06	102.91	105.25	107.40	STM PIPE 3-2
3	2	62.264	0.00	1.06	0.00	0.00	0.53	0.0	10.3	5.3	2.80	7.63	4.11	12	4.59	102.22	105.08	103.20	105.80	107.40	109.50	STM PIPE 4-3
4	3	200.247	0.00	0.53	0.00	0.00	0.27	0.0	8.6	5.7	1.52	6.09	3.09	12	2.93	105.08	110.94	105.80	111.46	109.50	115.00	STM PIPE 5-4
5	4	10.000	0.27	0.53	0.50	0.14	0.27	8.0	8.5	5.8	1.53	2.76	3.60	12	0.60	110.94	111.00	111.47	111.53	115.00	114.53	STM PIPE 6-5
6	5	29.463	0.26	0.26	0.50	0.13	0.13	8.0	8.0	5.9	0.77	2.78	2.21	12	0.61	111.00	111.18	111.64	111.55	114.53	114.53	STM PIPE 7-6
7	2	55.000	0.07	0.07	0.30	0.02	0.02	8.0	8.0	5.9	0.12	2.54	0.18	12	0.51	102.22	102.50	103.20	103.20	107.40	105.25	STM PIPE 10-9
8	3	12.000	0.29	0.53	0.50	0.15	0.27	8.0	8.5	5.8	1.53	3.08	3.10	12	0.75	105.08	105.17	105.80	105.69	109.50	108.67	STM PIPE 8-4
9	8	25.500	0.24	0.24	0.50	0.12	0.12	8.0	8.0	5.9	0.71	2.73	2.29	12	0.59	105.17	105.32	105.69	105.67	108.67	108.67	STM PIPE 9-8

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Run Date: 11/4/2019

NOTES:Intensity = 33.54 / (Inlet time + 4.60) ^ 0.68; Return period =Yrs. 10 ; c = cir e = ellip b = box