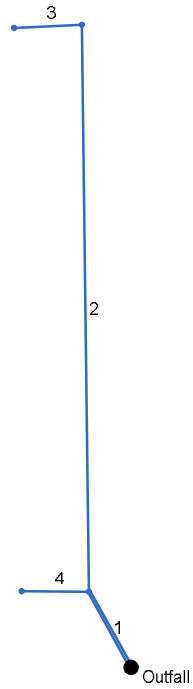


Hydraflow Storm Sewers Extension for AutoCAD® Civil 3D® 2013 Plan



Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
1	End	90.000	-118.887	Curb	0.00	0.70	0.90	15.0	1324.20	-0.33	1323.90	24	Cir(2b)	0.013	1.34	1327.60	
2	1	590.000	28.137	Curb	0.00	0.30	0.90	15.0	1324.10	0.14	1324.90	30	Cir	0.013	1.50	1328.40	
3	2	70.000	-91.976	Curb	0.00	0.30	0.90	15.0	1324.90	0.43	1325.20	18	Cir	0.013	1.00	1328.30	
4	1	70.000	-60.482	Curb	0.00	0.70	0.90	15.0	1324.20	0.71	1324.70	14	Cir	0.013	1.00	1327.60	
Project File: Existing.stm												Number of lines: 4				Date: 12/4/2013	

Storm Sewer Summary Report

Line No.	Line ID	Flow rate (cfs)	Line Size (in)	Line shape	Line length (ft)	Invert EL Dn (ft)	Invert EL Up (ft)	Line Slope (%)	HGL Down (ft)	HGL Up (ft)	Minor loss (ft)	HGL Junct (ft)	Dns Line No.	Junction Type
1		6.30	24	Cir(2b)	90.000	1324.20	1323.90	-0.333	1324.99	1325.17	0.05	1325.21	End	Curb-
2		2.71	30	Cir	590.000	1324.10	1324.90	0.136	1325.21	1325.62	0.12	1325.75	1	Curb-
3		1.41	18	Cir	70.000	1324.90	1325.20	0.428	1325.75	1325.78	0.08	1325.86	2	Curb-
4		3.28	14	Cir	70.000	1324.20	1324.70	0.714	1325.21	1325.44	n/a	1325.44 j	1	Curb-

Project File: Existing.stm

Number of lines: 4

Run Date: 12/4/2013

NOTES: Return period = 10 Yrs. ; j - Line contains hyd. jump.

Storm Sewer Profile

