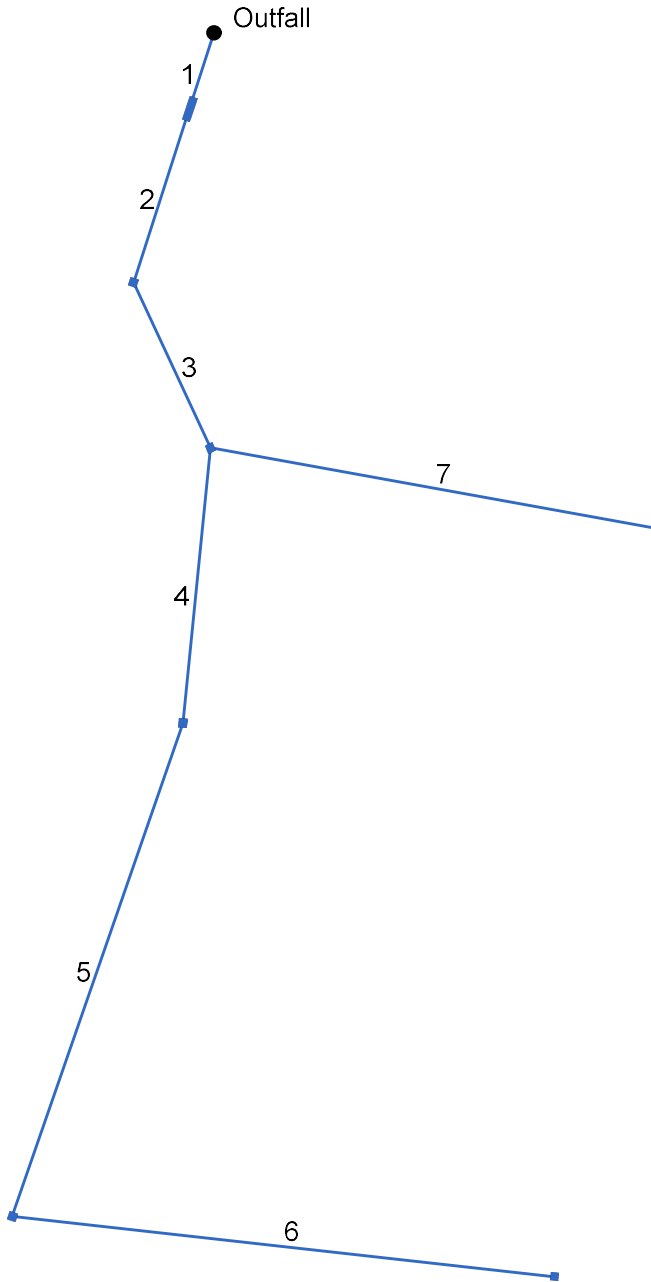


# Hydraflow Storm Sewers Extension for Autodesk® Civil 3D® Plan



# COEC RPT2 10-YEAR CAPACITY

Line No.	Inlet ID	Drng Area (ac)	Total Area (ac)	Runoff Coeff (C)	Total CxA	Inlet Time (min)	Tc (min)	Flow Rate (cfs)	Capac Full (cfs)	Line Size (in)	Line Slope (%)	Invert Up (ft)	Invert Dn (ft)	HGL Up (ft)	HGL Dn (ft)	Gnd/Rim El Up (ft)	Gnd/Rim El Dn (ft)	Cover Up (ft)	Cover Dn (ft)
1	Ex. CB	0.34	2.25	0.90	1.36	10.0	21.9	5.01	6.06	15	0.75	751.41	751.26	752.60	752.51	755.00	755.00	2.34	2.49
2	5	0.31	1.91	0.90	1.05	10.0	21.7	3.90	4.39	15	0.39	751.63	751.45	752.87	752.73	755.91	755.00	3.03	2.30
3	4	0.22	1.60	0.90	0.77	10.0	21.4	2.89	4.40	15	0.39	751.81	751.63	753.12	753.04	757.75	755.91	4.69	3.03
4	3	0.11	0.74	0.90	0.35	10.0	20.8	1.34	1.91	12	0.25	754.54	754.37	755.16	754.99	758.69	757.75	3.15	2.38
5	2	0.06	0.63	0.90	0.25	10.0	19.1	1.00	1.94	12	0.25	754.87	754.54	755.39	755.21	758.49	758.69	2.62	3.15
6	1	0.57	0.57	0.35	0.20	17.0	17.0	0.84	1.93	12	0.25	755.21	754.87	755.69	755.53	759.21	758.49	3.00	2.62
7	6	0.64	0.64	0.35	0.22	15.0	15.0	1.00	1.92	12	0.25	754.65	754.37	755.16	754.88	758.94	757.75	3.29	2.38

Project File: 2022-08-04\_StarbucksStormCalcs\_kmm.stm Number of lines: 7 Date: 2/17/2023

NOTES: \*\* Critical depth

# COEC RPT2 25-YEAR CAPACITY

Line No.	Inlet ID	Drng Area (ac)	Total Area (ac)	Runoff Coeff (C)	Total CxA	Inlet Time (min)	Tc (min)	Flow Rate (cfs)	Capac Full (cfs)	Line Size (in)	Line Slope (%)	Invert Up (ft)	Invert Dn (ft)	HGL Up (ft)	HGL Dn (ft)	Gnd/Rim El Up (ft)	Gnd/Rim El Dn (ft)	Cover Up (ft)	Cover Dn (ft)
1	Ex. CB	0.34	2.25	0.90	1.36	10.0	21.3	5.84	6.06	15	0.75	751.41	751.26	752.64	752.51	755.00	755.00	2.34	2.49
2	5	0.31	1.91	0.90	1.05	10.0	21.1	4.55	4.39	15	0.39	751.63	751.45	753.01	752.82	755.91	755.00	3.03	2.30
3	4	0.22	1.60	0.90	0.77	10.0	20.8	3.36	4.40	15	0.39	751.81	751.63	753.35	753.24	757.75	755.91	4.69	3.03
4	3	0.11	0.74	0.90	0.35	10.0	20.3	1.55	1.91	12	0.25	754.54	754.37	755.22	755.05	758.69	757.75	3.15	2.38
5	2	0.06	0.63	0.90	0.25	10.0	18.9	1.16	1.94	12	0.25	754.87	754.54	755.46	755.28	758.49	758.69	2.62	3.15
6	1	0.57	0.57	0.35	0.20	17.0	17.0	0.96	1.93	12	0.25	755.21	754.87	755.74	755.59	759.21	758.49	3.00	2.62
7	6	0.64	0.64	0.35	0.22	15.0	15.0	1.14	1.92	12	0.25	754.65	754.37	755.20	754.93	758.94	757.75	3.29	2.38

Project File: 2022-08-04\_StarbucksStormCalcs\_kmm.stm

Number of lines: 7

Date: 2/17/2023

NOTES: \*\* Critical depth