Storm Sewer Tabulation

Page 1

Station Line	Station To Line	Len (ft)	Drng Area Incr (ac)	Drng Area Total (ac)	Rnoff coeff (C)	Area x C Incr	Area x C Total	Tc Inlet (min)	Tc Syst (min)	Rain (I) (in/hr)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe Size (in)	Pipe Slope (%)	Invert Elev Dn (ft)	Invert Elev Up (ft)	HGL Elev Dn (ft)	HGL Elev Up (ft)	Grnd / Rim Elev Dn (ft)	Grnd / Rim Elev Up (ft)	Line ID
1	End	17	0.00	4.73	0.00	0.00	4.15	5.0	8.5	7.3	30.47	66.69	4.35	36	1.00	840.00	840.17	843.00	843.02	843.50	850.20	A2 to A1
2	1	102	0.57	4.14	0.84	0.48	3.63	5.0	7.9	7.5	27.19	135.9	5.40	36	4.15	840.37	844.62	843.09	846.28	850.20	853.50	A2 to A3.1
3	2	10	0.39	3.57	0.94	0.37	3.15	5.0	7.9	7.5	23.66	31.68	9.29	24	1.96	845.62	845.82	846.91	848.08	853.50	853.44	A3.1 to A4
4	3	46	0.38	1.68	0.95	0.36	1.45	5.0	7.6	7.6	11.00	32.13	4.64	24	2.02	846.85	847.77	848.77	848.94	853.44	853.75	A4 to A5
5	4	283	0.51	1.30	0.78	0.40	1.09	5.0	6.1	8.0	8.77	14.46	7.36	18	1.90	848.27	853.63	849.11	854.76	853.75	858.80	A5 to A6
6	5	68	0.16	0.79	0.95	0.15	0.69	5.0	5.7	8.2	5.66	12.86	4.21	18	1.50	853.83	854.85	855.19	855.76	858.80	862.50	A6 to A7.1
7	6	124	0.63	0.63	0.86	0.54	0.54	5.0	5.0	8.4	4.55	12.87	4.13	18	1.50	855.05	856.91	856.05	857.72	862.50	861.50	A7.1 to A8.1
8	3	62	0.39	1.50	0.94	0.37	1.33	5.0	5.7	8.2	10.88	27.71	3.47	24	1.50	846.02	846.95	848.78	848.91	853.44	854.10	A4 to A4.A
9	8	118	1.11	1.11	0.87	0.97	0.97	5.0	5.0	8.4	8.10	12.87	5.26	18	1.50	847.45	849.22	848.91	850.31	854.10	853.55	A4.A to A4.B
10	1	58	0.59	0.59	0.88	0.52	0.52	5.0	5.0	8.4	4.36	19.50	6.73	18	3.45	845.00	847.00	845.48	847.80	850.20	854.10	A2.1 to A2
11	End	16	0.55	1.65	0.90	0.50	1.49	5.0	5.3	8.3	12.30	22.62	3.97	24	1.00	836.00	836.16	838.00	838.03	838.50	845.50	B2 to B1
12	11	29	0.55	1.10	0.90	0.50	0.99	5.0	5.2	8.3	8.25	28.66	5.42	18	7.45	836.66	838.82	838.03	839.92	845.50	845.30	B3 to B2
13	12	28	0.55	0.55	0.90	0.50	0.50	5.0	5.0	8.4	4.15	28.62	3.48	18	7.43	839.02	841.10	840.38	841.88	845.30	845.10	B4 to B3
14	End	18	0.93	0.93	0.90	0.84	0.84	5.0	5.0	8.4	7.02	33.21	4.76	18	10.00	834.00	835.80	835.50	836.81	836.00	843.90	C2 to C1

Project File: 2010-09-10 Parking Lot Model.stm | Number of lines: 14 | Run Date: 09-10-2010

NOTES: Intensity = 72.79 / (Inlet time + 13.00) ^ 0.75; Return period = 25 Yrs. ; c = cir e = ellip b = box

Hydraflow Storm Sewers 2008 v12.01

Storm Sewer Tabulation

Page 1

Station Line	Station To Line	Len (ft)	Drng Area Incr (ac)	Drng Area Total (ac)	Rnoff coeff (C)	Area x C Incr	Area x C Total	Tc Inlet (min)	Tc Syst (min)	Rain (I) (in/hr)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe Size (in)	Pipe Slope (%)	Invert Elev Dn (ft)	Invert Elev Up (ft)	HGL Elev Dn (ft)	HGL Elev Up (ft)	Grnd / Rim Elev Dn (ft)	Grnd / Rim Elev Up (ft)	Line ID
1	End	17	0.00	9.39	0.00	0.00	2.49	5.0	6.8	7.8	19.45	35.04	4.11	30	2.29	863.55	863.93	866.05	866.12	866.00	871.10	EX1 TO EX2
2	1	78	0.13	4.08	0.90	0.12	1.21	5.0	6.4	7.9	9.57	23.37	4.23	24	1.07	864.29	865.12	866.26	866.22	871.10	870.73	EX2 TO EX3
3	2	69	2.09	3.95	0.29	0.61	1.09	5.0	6.0	8.1	8.77	24.52	4.41	24	1.18	865.09	865.90	866.55	866.95	870.73	870.68	EX3 TO EX4
4	3	184	1.86	1.86	0.26	0.48	0.48	5.0	5.0	8.4	4.06	10.24	3.41	18	0.95	865.90	867.65	867.30	868.42	870.68	873.36	EX4 TO EX5
5	1	72	0.00	5.31	0.00	0.00	1.29	5.0	6.0	8.0	10.35	37.50	4.45	24	2.75	864.18	866.17	866.24	867.31	871.10	871.60	EX2 to D1
6	5	20	4.35	4.35	0.20	0.87	0.87	5.0	5.0	8.4	7.30	37.28	4.09	24	2.72	866.37	866.92	867.71	867.88	871.60	868.92	D1 to EX6
7	5	118	0.73	0.96	0.39	0.28	0.42	5.0	5.4	8.3	3.44	10.49	3.46	18	1.00	866.73	867.91	867.74	868.62	871.60	873.11	D1 to D2
8	7	67	0.23	0.23	0.57	0.13	0.13	5.0	5.0	8.4	1.10	10.49	2.05	18	1.00	868.11	868.78	868.88	869.18	873.11	873.11	D2 to D3

Project File: 2010-09-10 Hollz Parkway.stm | Number of lines: 8 | Run Date: 09-10-2010

NOTES: Intensity = 72.79 / (Inlet time + 13.00) ^ 0.75; Return period = 25 Yrs. ; c = cir e = ellip b = box

Hydraflow Storm Sewers 2008 v12.01

URS
400 Northpark Town Center
1000 Abernathy Road N.E., Suite 900
Atlanta, Georgia 30328
Tel: (678) 808-8800, Fax: (678) 808-8400

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

REVISIONS		
09/02/2010		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF INNOVATIVE PROGRAM DELIVERY

DRAINAGE PROFILES

NEWNAN SR 34 AND HOLLZ PKWY
PARK AND RIDE LOT

22-03
DRAWING No.