

SD-A (PRIVATE)

Storm Sewer Tabulation

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Station	Line	To Line	Drng Area		Rooff coeff	Area x C		Tc	Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID	
			Incr	Total		Incr	Total						Inlet	Syst	Size	Slope	Dn	Up	Dn	Up		Dn
			(ft)	(ac)	(C)	(min)	(min)	(in/hr)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)		
1	End		45,000	0.00	2.37	0.00	0.00	0.0	3.2	0.0	20.65	23.60	6.57	24	1.09	571.44	571.93	573.62	574.00	575.70	576.67	SD-A
2	1		44,000	0.00	1.91	0.00	0.00	0.0	3.1	0.0	16.59	23.62	5.28	24	1.09	571.93	572.41	574.68	574.91	576.67	576.50	SD-A
3	2		167,500	0.00	1.74	0.00	0.00	0.0	2.5	0.0	15.09	16.02	4.80	24	0.50	572.41	573.25	575.01	575.76	576.50	580.20	SD-A
4	3		19,160	0.00	1.57	0.00	0.00	0.0	2.4	0.0	13.59	16.34	4.33	24	0.52	573.25	573.35	575.86	575.93	580.20	579.90	SD-A
5	4		38,910	0.00	1.41	0.00	0.00	0.0	2.3	0.0	12.18	15.81	3.88	24	0.49	573.35	573.54	576.03	576.14	579.90	579.30	SD-A
6	5		72,950	0.00	1.25	0.00	0.00	0.0	1.9	0.0	10.77	15.69	3.43	24	0.49	573.54	573.90	576.24	576.41	579.30	579.40	SD-A
7	6		33,400	0.00	0.79	0.00	0.00	0.0	1.8	0.0	6.71	7.49	3.80	18	0.51	574.40	574.57	576.51	576.64	579.40	579.30	SD-A
8	7		46,050	0.00	0.62	0.00	0.00	0.0	1.5	0.0	5.21	7.42	2.95	18	0.50	574.57	574.80	576.75	576.86	579.30	579.50	SD-A
9	8		58,760	0.00	0.62	0.00	0.00	0.0	1.2	0.0	5.21	7.38	2.95	18	0.49	574.80	575.08	576.89	577.03	579.50	580.00	SD-A
10	9		112,270	0.00	0.62	0.00	0.00	0.0	0.5	0.0	5.21	7.42	2.95	18	0.50	575.08	575.64	577.08	577.36	580.00	580.20	SD-A
11	10		9,730	0.00	0.38	0.00	0.00	0.0	0.1	0.0	3.09	12.14	1.75	18	1.34	575.64	575.77	577.46	577.47	580.20	580.10	SD-A
12	11		11,310	0.38	0.38	0.00	0.00	0.0	0.0	0.0	3.09	12.49	1.75	18	1.41	575.77	575.93	577.49	577.50	580.10	580.43	SD-A
13	10		89,000	0.24	0.24	0.00	0.00	0.0	0.0	0.0	2.12	3.16	2.70	12	0.79	575.89	576.59	577.46	577.78	580.20	580.50	LAT A-1
14	7		13,620	0.00	0.17	0.00	0.00	0.0	0.5	0.0	1.50	5.79	1.91	12	2.64	574.82	575.18	576.75	576.77	579.30	580.00	LAT A-2
15	14		62,000	0.17	0.17	0.00	0.00	0.0	0.0	0.0	1.50	5.76	2.77	12	2.61	575.18	576.80	576.79	577.32	580.00	580.80	LAT A-2
16	6		11,310	0.46	0.46	0.00	0.00	0.0	0.0	0.0	4.06	16.29	3.31	15	6.37	574.28	575.00	576.51	576.55	579.40	579.50	LAT A-3
17	5		13,620	0.00	0.16	0.00	0.00	0.0	0.5	0.0	1.41	7.09	1.80	12	3.97	574.04	574.58	576.24	576.26	579.30	579.90	LAT A-4
18	17		50,970	0.16	0.16	0.00	0.00	0.0	0.0	0.0	1.41	7.09	2.68	12	3.96	574.58	576.60	576.28	577.10	579.90	580.60	LAT A-4
19	4		13,620	0.00	0.16	0.00	0.00	0.0	0.3	0.0	1.41	8.30	1.80	12	5.43	573.85	574.59	576.03	576.05	579.90	580.10	LAT A-5
20	19		35,010	0.16	0.16	0.00	0.00	0.0	0.0	0.0	1.41	8.32	2.68	12	5.46	574.59	576.50	576.07	577.00	580.10	580.50	LAT A-5
21	3		39,600	0.17	0.17	0.00	0.00	0.0	0.0	0.0	1.50	5.80	1.91	12	2.65	573.75	574.80	575.86	575.93	580.20	579.30	LAT A-6
22	2		23,330	0.00	0.17	0.00	0.00	0.0	0.2	0.0	1.50	4.36	1.91	12	1.50	572.91	573.26	575.01	575.06	576.50	577.00	LAT A-7

MMA - OAC Line A Number of lines: 25 Run Date: 4/17/2013
 NOTES: Intensity = 127.16 / (Inlet time + 17.80) ^ 0.82; Return period = Yrs. 100 ; c = cir e = ellip b = box
 Storm Sewers v8.00

SD-B (PRIVATE)

Storm Sewer Tabulation

Page 1

Station	Line	To Line	Drng Area		Rooff coeff	Area x C		Tc	Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID	
			Incr	Total		Incr	Total						Inlet	Syst	Size	Slope	Dn	Up	Dn	Up		Dn
			(ft)	(ac)	(C)	(min)	(min)	(in/hr)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)		
1	End		59,220	0.00	2.63	0.00	0.00	0.0	3.7	0.0	23.04	29.19	4.69	30	0.51	570.50	570.80	573.63	573.82	575.70	579.80	SD-B
2	1		17,950	0.00	2.00	0.00	0.00	0.0	3.7	0.0	17.64	29.04	3.59	30	0.50	570.80	570.89	573.96	573.99	579.80	579.70	SD-B
3	2		87,190	0.00	1.89	0.00	0.00	0.0	3.2	0.0	16.67	29.13	3.40	30	0.50	570.89	571.33	574.09	574.24	579.70	578.50	SD-B
4	3		44,910	0.00	1.61	0.00	0.00	0.0	3.1	0.0	14.20	15.83	4.52	24	0.49	571.33	572.05	574.34	574.51	578.50	578.40	SD-B
5	4		71,500	0.00	1.39	0.00	0.00	0.0	2.8	0.0	12.26	16.05	3.90	24	0.50	572.05	572.41	574.61	574.82	578.40	578.00	SD-B
6	5		43,500	0.00	0.74	0.00	0.00	0.0	2.6	0.0	6.53	7.47	3.70	18	0.51	572.41	573.13	574.92	575.09	578.00	578.20	SD-B
7	6		113,190	0.00	0.74	0.00	0.00	0.0	2.1	0.0	6.53	13.68	4.53	18	1.70	573.13	575.05	575.20	576.03	578.20	580.10	SD-B
8	7		93,420	0.00	0.61	0.00	0.00	0.0	1.5	0.0	5.38	7.45	4.55	18	0.50	575.05	575.52	576.03	576.45	580.10	581.10	SD-B
9	8		100,490	0.00	0.44	0.00	0.00	0.0	0.8	0.0	3.88	7.41	3.49	18	0.50	575.52	576.02	576.62	576.80	581.10	581.00	SD-B
10	9		30,560	0.00	0.44	0.00	0.00	0.0	0.5	0.0	3.88	7.36	3.90	18	0.49	576.02	576.17	576.89	576.95	581.00	580.80	SD-B
11	10		45,640	0.28	0.28	0.00	0.00	0.0	0.0	0.0	2.47	7.44	2.50	18	0.50	576.17	576.40	577.11	577.13	580.00	580.90	SD-B
12	10		51,020	0.16	0.16	0.00	0.00	0.0	0.0	0.0	1.41	2.54	2.84	12	0.51	576.42	576.68	577.11	577.22	580.80	580.70	LAT B-1
13	7		10,520	0.00	0.13	0.00	0.00	0.0	0.7	0.0	1.15	4.53	2.36	12	1.62	576.30	575.47	576.03	575.98	580.10	580.00	LAT B-2
14	13		65,000	0.13	0.13	0.00	0.00	0.0	0.0	0.0	1.15	4.48	2.94	12	1.58	575.47	576.50	576.03	576.95	580.00	580.50	LAT B-2
15	5		39,600	0.65	0.65	0.00	0.00	0.0	0.0	0.0	5.73	12.26	3.24	18	1.36	572.66	573.20	574.92	575.04	578.00	577.70	LAT B-3
16	4		39,600	0.22	0.22	0.00	0.00	0.0	0.0	0.0	1.94	5.19	2.47	12	2.12	572.55	573.39	574.61	574.73	578.40	577.39	LAT B-4
17	3		13,160	0.00	0.28	0.00	0.00	0.0	0.3	0.0	2.47	8.89	3.15	12	6.23	572.08	572.90	574.34	574.40	578.50	579.20	LAT B-5
18	17		50,000	0.28	0.28	0.00	0.00	0.0	0.0	0.0	2.47	8.87	3.79	12	6.20	572.90	576.45	576.67	579.20	580.00	580.00	LAT B-5
19	2		39,600	0.11	0.11	0.00	0.00	0.0	0.0	0.0	0.97	9.52	2.18	12	7.15	571.64	574.47	574.09	574.89	579.70	578.47	LAT B-6
20	1		23,480	0.00	0.63	0.00	0.00	0.0	2.4	0.0	5.40	11.07	4.40	15	2.94	572.05	572.74	573.96	574.12	579.80	580.45	LAT B-7
21	20		120,830	0.00	0.63	0.00	0.00	0.0	1.9	0.0	5.40	11.04	4.96	15	2.92	572.74	576.27	574.23	577.20	580.45	581.10	LAT B-7
22	21		2,440	0.00	0.63	0.00	0.00	0.0	1.9	0.0	5.40	4.14	4.40	15	0.41	576.27	576.28	577.52	577.53	581.10	581.00	LAT B-7

MMA - OAC Line B Number of lines: 44 Run Date: 4/22/2013
 NOTES: Intensity = 127.16 / (Inlet time + 17.80) ^ 0.82; Return period = Yrs. 100 ; c = cir e = ellip b = box
 Storm Sewers v8.00

Storm Sewer Tabulation

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Station	Line	To Line	Drng Area		Rooff coeff	Area x C		Tc	Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID	
			Incr	Total		Incr	Total						Inlet	Syst	Size	Slope	Dn	Up	Dn	Up		Dn
			(ft)	(ac)	(C)	(min)	(min)	(in/hr)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)		
23	22		24,500	0.17	0.17	0.00	0.00	0.0	0.0	1.50	4.32	1.91	12	1.47	573.26	573.62	575.08	575.12	577.00	577.62	LAT A-7	
24	1		53,940	0.00	0.46	0.00	0.00	0.0	0.1	0.0	4.06	7.43	2.30	18	0.50	572.43	572.70	574.68	574.76	576.67	575.00	LAT A-8
25	24		11,320	0.46	0.46	0.00	0.00	0.0	0.0	0.0	4.06	7.65	2.30	18	0.53	572.70	572.76	574.79	574.80	575.00	576.50	LAT A-8

MMA - OAC Line A Number of lines: 25 Run Date: 4/17/2013
 NOTES: Intensity = 127.16 / (Inlet time + 17.80) ^ 0.82; Return period = Yrs. 100 ; c = cir e = ellip b = box
 Storm Sewers v8.00

Storm Sewer Tabulation

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Station	Line	To Line	Drng Area		Rooff coeff	Area x C		Tc	Rain (I)	Total flow	Cap full
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