STORM DRAIN DATA

	0.013													
	194.48													
	21													
Inlet	Area	Total Area	Tc	Intensity	Cc	Q	Slope	Dtheo	Size	Q/Qfull	V	Length	Segment Time	Invert in	Invert out	Top
DI#1	0.31														426.00	427.60
		0.31	5.00	7.48	0.60	1.39	0.0085	8.68	15	0.2332	6.40	82	0.21			
DI#2	0.34													425.30	425.30	427.60
		0.65	5.21	7.42	0.65	3.13	0.0080	11.90	15	0.5415	4.62	112	0.40			
DI#3	0.10													424.40	424.40	428.50
		0.75	5.62	7.31	0.95	5.21	0.0081	14.36	15	0.8936	4.50	172	0.64			
FES#4														423.00		
DI#5	0.20													424.10	424.10	428.50
		0.17	5.00	7.48	0.95	1.21	0.0086	8.22	15	0.2018	6.83	128	0.31			
FES#6														423.00		
DI#7	1.45														417.50	424.25
		1.45	5.00	7.48	0.77	8.35	0.0104	16.38	18	0.7792	5.65	192	0.57			
DI#8	1.45													415.50	415.50	424.25
		2.90	5.57	7.32	0.77	16.35	0.0152	19.64	24	0.5872	8.52	198	0.39			
DI#9	0.41													412.50	412.50	424.25
		3.31	5.95	7.22	0.67	16.00	0.0114	20.56	24	0.6637	7.23	88	0.20			
DI#10	0.59													411.50	411.50	421.75
		3.90	6.16	7.16	0.76	21.23	0.0301	19.04	24	0.5408	12.24	166	0.23			
DI#11	1.50													406.50	406.50	413.50
		5.40	6.38	7.10	0.70	26.85	0.0409	19.63	24	0.5869	14.01	132	0.16			
CI#13	0.28													401.10	401.10	407.75
		5.68	6.54	7.06	0.55	22.06	0.0204	20.79	24	0.6834	9.64	54	0.09			
CI#17	0.41													400.00	400.00	407.75
		6.09	6.63	7.04	0.75	32.15	0.0096	27.56	30	0.7994	7.64	104	0.23			
DI#17A	0.43													399.00	399.00	403.90
		6.52	6.86	6.98	0.65	29.58	0.0160	24.27	30	0.5698	10.24	312	0.51			
FS#17B														394.00		
DI#12	0.40														402.00	405.50
		0.40	5.00	7.48	0.35	1.05	0.0132	7.19	15	0.1414	9.89	76	0.13			
CI#13	5.68													401.00	401.00	407.75
		6.08	5.13	7.44	0.55	24.89	0.0185	22.14	24	0.8087	9.14	54	0.10			
CI#17														400.00	400.50	407.75
DI#14	0.55														417.50	424.25
		0.55	5.00	7.48	0.69	2.84	0.0255	9.24	15	0.2752	10.34	98	0.16			
DI#15	0.70													415.00	415.00	421.75
		1.25	5.16	7.43	0.79	7.34	0.0493	11.66	15	0.5119	11.61	152	0.22			
DI#16	1.26													407.50	407.50	414.25
		2.51	5.38	7.37	0.71	13.14	0.0507	14.43	15	0.9040	11.26	148	0.22			
CI#17	6.49													400.00	403.00	407.75
		9.00	5.60	7.31	0.75	49.36	0.0385	24.96	30	0.6137	15.63	104	0.11			
DI#17A														399.00	399.00	403.90
DI#19	0.77														417.50	424.25
		0.77	5.00	7.48	0.71	4.09	0.0346	10.00	15	0.3404	11.10	130	0.20			
DI#21	0.20													413.00	413.00	421.75
DI#20	0.59													415.00	415.00	421.75
		0.59	5.00	7.48	0.75	3.31	0.0108	11.50	15	0.4943	5.47	186	0.57			
DI#21	0.59													413.00	413.00	421.75
		1.18	5.57	7.32	0.75	6.48	0.0300	12.21	15	0.5793	8.79	100	0.19			
FES#22														410.00		
DI#23	0.13														425.50	428.50
		0.13	5.00	7.48	0.95	0.92	0.0103	7.19	15	0.1411	8.74	146	0.28			
DI#24	0.73													424.00	424.00	427.00
		0.86	5.28	7.40	0.50	3.18	0.0102	11.45	15	0.4876	5.36	186	0.58			
CI#25	0.62													422.10	422.10	426.50
		1.48	5.86	7.24	0.90	9.65	0.0095	17.59	18	0.9435	5.58	364	1.09			
DI#26	0.97													418.65	418.65	422.75
		2.45	6.94	6.96	0.90	15.35	0.0076	21.85	24	0.7805	5.83	86	0.25			
FES#27														418.00		

CONSTRUCTION DRAWING
GRADING AND STORM DRAIN PLAN

THE CHATHAM COUNTY AGRICULTURE & CONFERENCE CENTER

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CONSTRUCTION DRAWING SET

DATE
04-09-14

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