

AUTUMN CHASE

	AREA ACRES	AREA ACCUM.	C ₂	C ₅	C ₁₀₀	T _c	I ₂	I ₅	I ₁₀₀	Q ₂	Q ₅	Q ₁₀₀	PIPE SIZE	PIPE SLOPE
Drainage Areas 1 thru 5, Woodcrest	9.1		0.57		0.79	18		4.20	6.84		22.0	49.17	30"	0.30%
Collegiate School Area Draining to Area 1	8.05				0.66	20			6.53			34.69	36"	0.28%
Lakepoint Areas Draining to Area 1	4.58		0.50		0.76	20	3.33		6.51	7.62		22.73		
Areas Draining to Gatewood - Area 1		22.36		0.57	0.74	25		3.57	5.90		43.10	97.62	36"	0.44%
Area 1	0.63				0.93	15		4.56	7.37		2.50	4.32	42" 48"	0.50% 0.50%
Areas in Woodcrest Draining to Lake	16.80				0.76	20			6.51			83.38		
Total Area Draining to Lake in Woodcrest		39.16			0.75	25			5.90			173.28	54"	0.80%
Collegiate School Area Draining to Area 2	4.27		0.49	0.51	0.66	20			6.51			18.40		
Lakepoint Area Drain- ing to Area 2	19.21		0.50	0.54	0.76	20	3.33		6.51	31.98		95.33		
Area 2	2.86		0.87	0.88	0.93	15		4.56	7.37		11.24	19.19		
Total Area Draining to Area 2		26.28	0.54	0.57	0.76	40	2.24	2.76	4.67	31.78	41.34	93.07	36" 42" 48"	0.44% 0.50% 0.50%
Area 3	1.55		0.57		0.79	18	3.51		6.81	3.10		8.38	48"	0.50%
Area 4	2.44		0.57		0.79	20	3.33		6.53	4.63		12.59	15"	0.44%
Areas 3 & 4		3.99	0.57		0.79	20	3.33		6.53	7.57		20.58	15"	1.4%
Area 5	2.25		0.57		0.79	20	3.33		6.53	4.27		11.61		
Area 6	1.32		0.57		0.79	20	3.33		6.53	2.51		6.81		
Areas 4 thru 6		6.01	0.57		0.79	20	3.33		6.53	11.41		31.00		
Area 7	0.53		0.57		0.79	15	3.83		7.37	1.16		3.09		
Area 3 & 7		2.08	0.57		0.79	20	3.33		6.53	3.94		10.73	21" RCP	0.42%
Areas 3 thru 7		8.09	0.57	0.61	0.79	20	3.33	3.90	6.53	15.35	19.25	41.73		
Lakepoint Area to N. Inlet of Area 8	3.31		0.50	0.54	0.76	17	3.61	4.31	7.00	5.97	7.70	17.61	18" RCP	0.56%
Area 8	1.71			0.88	0.93	23		3.73	6.13		5.61	9.75		
Total to Area 8		13.11		0.63	0.80	40		2.76	4.66		22.80	48.87	27"	0.58%