

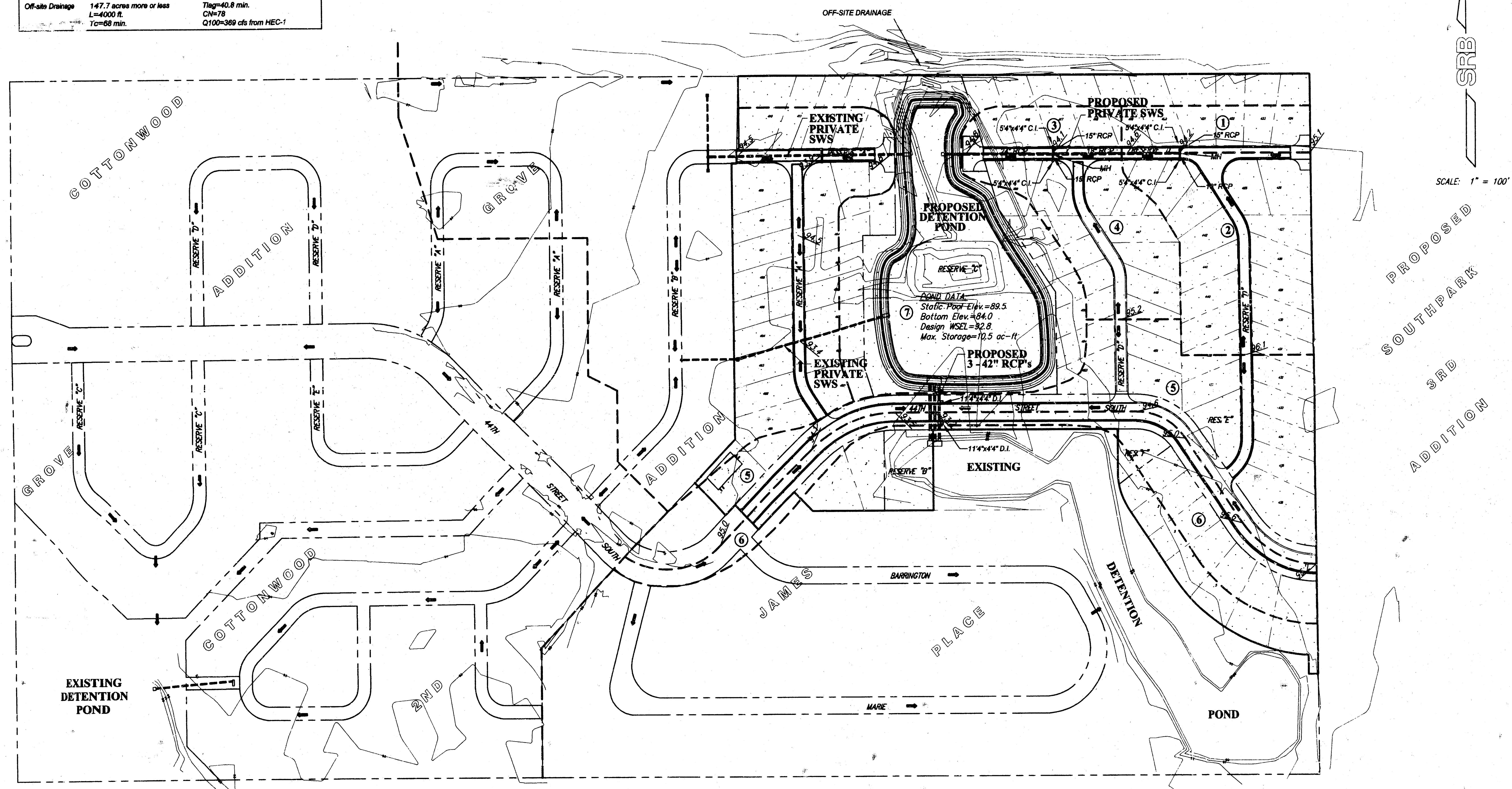
DRAINAGE DATA												
	Area	Cum. Area	Tc	Soil Type "D"	C2	C100	I2	I100	Q2	Q100	Pipe Size and Slope	Inlets
1	0.8	0.8	15	0.57	0.79	3.83	7.37	1.7	4.7	15" at 0.38%	Single	Single
2	2.8	2.8	15	0.57	0.79	3.83	7.37	6.1	16.3	18" at 0.34%	MH	Single
3	0.8	0.8	15	0.57	0.79	3.83	7.37	1.7	4.7	15" at 0.38%	Single	Single
4	1.6	1.6	15	0.57	0.79	3.83	7.37	3.5	9.3	15" at 0.38%	MH	Single
5	4.3	4.3	15	0.57	0.79	3.83	7.37	13.1	34.9	24" at 0.34%	MH	Double
6	2.6	2.6	15	0.57	0.79	3.83	7.37	5.7	15.1	3 - 42" at 0.28%	Double	Double
7	7.0	7.0	15	0.80	0.93	3.83	7.37	21.4	48.0	3 - 42" at 0.28%	Double	Double

Off-site Drainage 147.7 acres more or less
L=4000 ft.
Tc=60 min.

Time=40.8 min.
Cv=78
Q100=369 cfs from HEC-1

DRAINAGE PLAN COTTONWOOD GROVE 3RD ADDITION

May 1, 1998



837E\Drainage Plan Phase 3.dwg

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