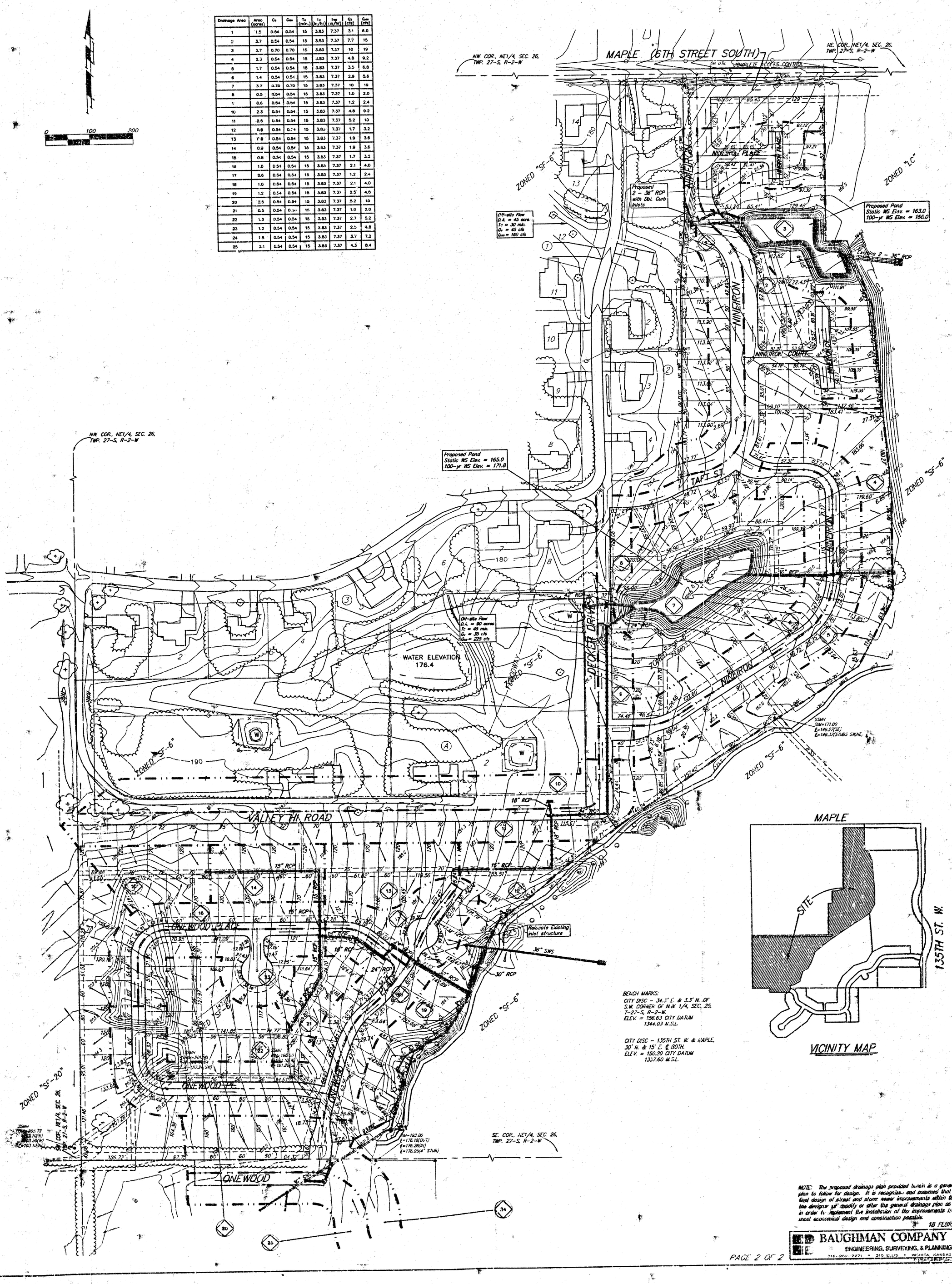
DRAINAGE PLAN
AUBURN HILLS 12TH ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS

Drainage Area	Area (acres)	Cs	Cm	Tc (min.)	Is (in/hr)	Im (in/hr)	Qs (cfs)	Qm (cfs)
1	1.5	0.54	0.54	15	3.83	7.37	3.1	6.0
2	3.7	0.54	0.54	15	3.83	7.37	7.7	15
3	3.7	0.70	0.70	15	3.83	7.37	10	19
4	2.3	0.54	0.54	15	3.83	7.37	4.8	9.2
5	1.7	0.54	0.54	15	3.83	7.37	3.5	6.8
6	1.4	0.54	0.54	15	3.83	7.37	2.9	5.6
7	3.7	0.70	0.70	15	3.83	7.37	10	19
8	0.5	0.54	0.54	15	3.83	7.37	1.0	2.0
9	0.6	0.54	0.54	15	3.83	7.37	1.2	2.4
10	2.3	0.54	0.54	15	3.83	7.37	4.8	9.2
11	2.5	0.54	0.54	15	3.83	7.37	5.2	10
12	0.8	0.54	0.54	15	3.83	7.37	1.7	3.2
13	0.9	0.54	0.54	15	3.83	7.37	1.9	3.6
14	0.9	0.54	0.54	15	3.83	7.37	1.9	3.6
15	0.8	0.54	0.54	15	3.83	7.37	1.7	3.2
16	1.0	0.54	0.54	15	3.83	7.37	2.1	4.0
17	0.6	0.54	0.54	15	3.83	7.37	1.2	2.4
18	1.0	0.54	0.54	15	3.83	7.37	2.1	4.0
19	1.2	0.54	0.54	15	3.83	7.37	2.5	4.8
20	2.5	0.54	0.54	15	3.83	7.37	5.2	10
21	0.5	0.54	0.54	15	3.83	7.37	1.0	2.0
22	1.3	0.54	0.54	15	3.83	7.37	2.7	5.2
23	1.2	0.54	0.54	15	3.83	7.37	2.5	4.8
24	1.8	0.54	0.54	15	3.83	7.37	3.7	7.2
25	2.1	0.54	0.54	15	3.83	7.37	4.3	8.4



NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of street and storm sewer improvements within this plat that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.

18 FEBRUARY 2000

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-2221 • 315 ELLIS • WICHITA, KANSAS 67211

PAGE 2 OF 2