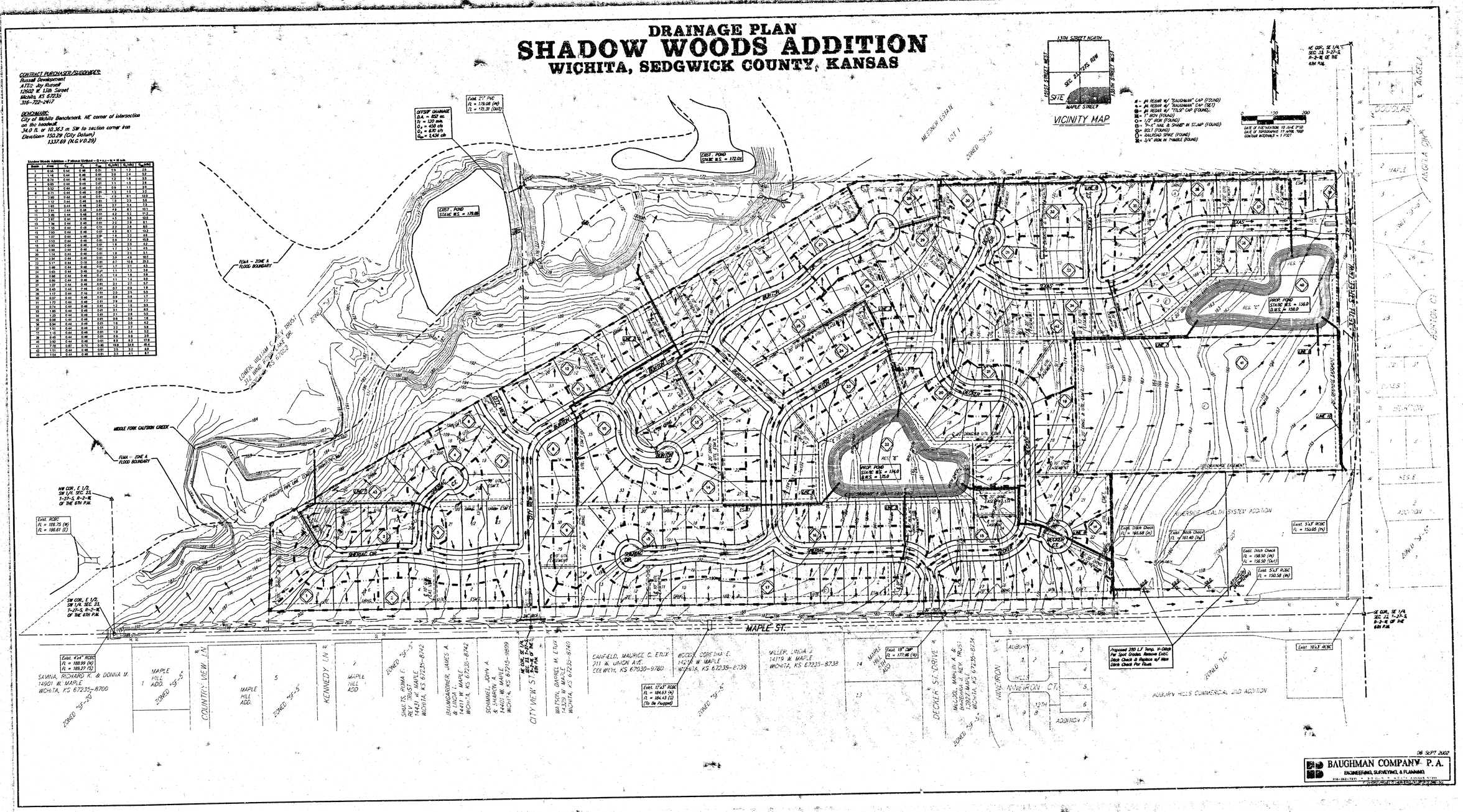
DRAINAGE PLAN
SHADOW WOODS ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



Basin	Area	C_1	C_2	C_{100}	Q_1 (cfs)	Q_2 (cfs)	Q_{100} (cfs)
1	0.48	0.44	0.46	0.61	0.9	1.2	3.5
2	1.16	0.44	0.46	0.61	2.0	2.4	5.2
3	0.73	0.44	0.46	0.61	1.2	1.5	3.3
4	0.85	0.44	0.46	0.61	1.1	1.5	3.6
5	0.52	0.44	0.46	0.61	0.9	1.1	2.3
6	0.71	0.44	0.46	0.61	1.2	1.5	3.2
7	0.90	0.44	0.46	0.61	1.1	1.5	3.8
8	1.10	0.44	0.46	0.61	1.9	2.3	5.0
9	1.63	0.44	0.46	0.61	2.2	2.9	7.3
10	2.91	0.44	0.46	0.61	4.9	6.1	13.1
11	2.49	0.44	0.46	0.61	4.2	5.2	11.2
12	2.82	0.44	0.46	0.61	4.5	5.8	13.0
13	1.13	0.44	0.46	0.61	2.0	2.4	5.1
14	1.15	0.44	0.46	0.61	2.2	2.6	6.0
15	1.60	0.44	0.46	0.61	4.9	5.0	13.3
16	1.07	0.44	0.46	0.61	1.8	2.2	4.8
17	1.13	0.44	0.46	0.61	1.9	2.3	5.0
18	0.93	0.44	0.46	0.61	1.6	2.0	4.2
19	1.14	0.44	0.46	0.61	1.9	2.4	4.9
20	1.08	0.44	0.46	0.61	1.9	2.4	5.1
21	2.57	0.44	0.46	0.61	3.8	5.0	10.1
22	3.31	0.44	0.46	0.61	8.7	10.8	20.2
23	0.65	0.44	0.46	0.61	1.1	1.3	4.5
24	0.49	0.44	0.46	0.61	1.1	1.3	2.8
25	0.88	0.44	0.46	0.61	1.5	1.9	3.8
26	0.66	0.44	0.46	0.61	1.1	1.4	3.0
27	1.29	0.44	0.46	0.61	2.1	2.6	5.5
28	0.37	0.44	0.46	0.61	0.7	0.9	1.8
29	0.53	0.44	0.46	0.61	1.0	1.2	2.5
30	0.37	0.44	0.46	0.61	0.8	0.9	1.7
31	0.72	0.44	0.46	0.61	1.2	1.5	3.1
32	1.29	0.44	0.46	0.61	1.2	1.6	3.5
33	1.05	0.44	0.46	0.61	2.1	2.6	5.0
34	0.94	0.44	0.46	0.61	1.8	2.3	4.5
35	0.94	0.44	0.46	0.61	1.8	2.0	4.2
36	0.54	0.44	0.46	0.61	1.1	1.3	2.6
37	1.15	0.44	0.46	0.61	1.9	2.4	5.3
38	0.45	0.44	0.46	0.61	1.3	1.6	3.3
39	0.45	0.44	0.46	0.61	0.8	0.9	1.8
40	3.70	0.44	0.46	0.61	5.8	7.2	17.8
41	3.70	0.44	0.46	0.61	7.3	9.0	18.4
42	1.13	0.44	0.46	0.61	2.3	2.7	5.9
43	1.54	0.44	0.46	0.61	3.1	4.1	8.1

Shadow Woods Addition – Preliminary Unit Hydrograph – Q = $C_1 \times i \times A$ = ft³/sec

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