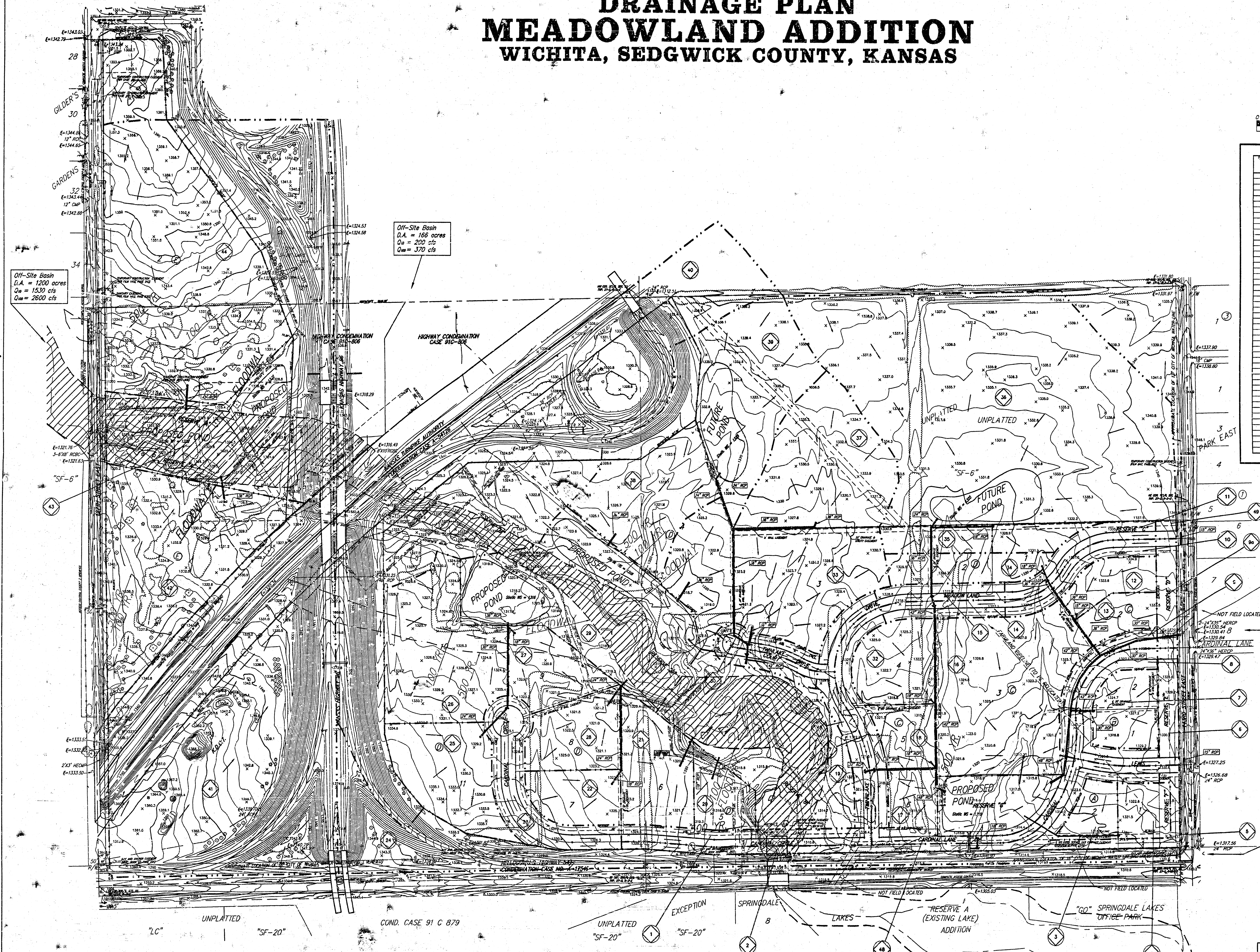


DRAINAGE PLAN **MEADOWLAND ADDITION** **WICHITA, SEDGWICK COUNTY, KANSAS**



Basin ID	Basin Area Acres	2 yr. Rational cfs	100-yr. Rational cfs	Peak Flowrate cfs
1	2.2	0.74	0.84	10.5
2	3.1	0.74	0.84	12.3
3	1.4	0.74	0.84	5.6
4	1.5	0.74	0.84	4.3
5	1.1	0.74	0.84	3.1
6	1.2	0.74	0.84	3.4
7	2.4	0.74	0.84	6.8
8	2.0	0.74	0.84	5.7
9	1.6	0.74	0.84	4.5
10	1.5	0.74	0.84	4.3
11	1.6	0.74	0.84	4.5
12	1.5	0.74	0.84	4.3
13	1.5	0.74	0.84	4.3
14	1.1	0.74	0.84	3.1
15	1.1	0.74	0.84	3.1
16	10.0	0.74	0.84	30.9
17	4.5	0.74	0.84	13.6
18	1.9	0.74	0.84	4.1
19	10.0	0.32	0.37	13.2
20	2.0	0.74	0.84	5.7
21	4.2	0.74	0.84	11.9
22	2.5	0.74	0.84	7.7
23	3.8	0.74	0.84	10.8
24	10.4	0.74	0.84	23.5
25	2.0	0.74	0.84	5.7
26	3.1	0.74	0.84	8.1
27	3.1	0.74	0.84	8.1
28	3.3	0.74	0.84	9.4
29	12.8	0.32	0.37	16.4
30	1.0	0.74	0.84	2.8
31	1.0	0.74	0.84	2.8
32	3.3	0.74	0.84	8.4
33	1.2	0.74	0.84	3.4
34	2.4	0.74	0.84	6.8
35	3.8	0.74	0.84	10.8
36	4.5	0.50	0.54	10.3
37	8.2	0.50	0.54	15.7
38	8.2	0.74	0.84	13.6
39	8.8	0.50	0.54	10.3
40	35.0	0.32	0.37	41.4
41	3.1	0.32	0.37	4.5
42	12.2	0.74	0.84	30.9
43	2.5	0.32	0.37	7.7
44	15.8	0.74	0.84	36.1
45	2.6	0.74	0.84	7.7
46	2.2	0.74	0.84	6.8
47	2.0	0.74	0.84	5.7
48	1.2	0.74	0.84	3.4
49	0.2	0.74	0.84	0.8

Off-Site Basin
D.A. = 13 acres
Q₂ = 23 cfs
Q₁₀₀ = 37 cfs

Off-Site Basin
D.A. = 7 acres
Q₂ = 10 cfs
Q₁₀₀ = 15 cfs

NOTE: Pipe sizes shown on this plan shall not be considered as final design. Sizes shall be adjusted as necessary upon establishing final street grades.

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.

29 JANUARY 2001