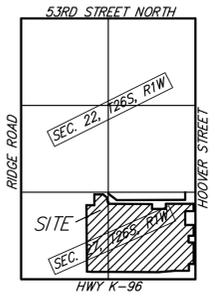
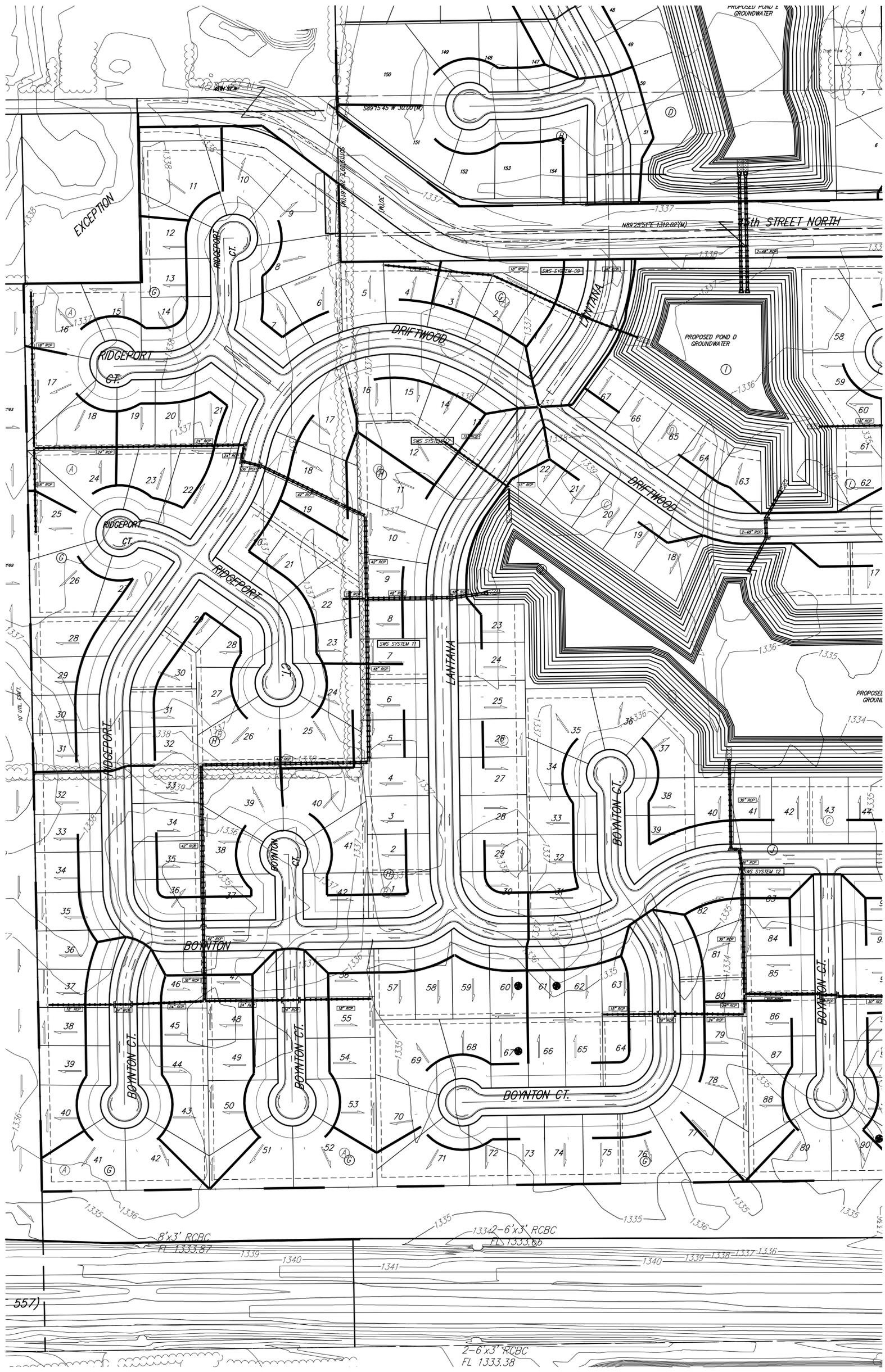
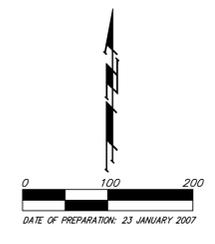


DRAINAGE PLAN EDGE WATER ADDITION WICHITA, SEDGWICK COUNTY, KANSAS



VICINITY MAP



DATE OF PREPARATION: 23 JANUARY 2007

BENCHMARK: HOOPER AND 53RD ST. NORTH
CORNER NE CORNER OF INTERSECTION
5600 FT ESE OF PP ON NW CORNER
5300 FT ESE OF GAS LINE MARKER
5000 FT NORTH OF GAS LINE MARKER
1420 FT EAST OF CENTERLINE
ELEVATION 1335.29 (NGVD 29)

Basin ID	Area acres	Existing Flowrates			Developed Flowrates		
		2-yr cfs	5-yr cfs	100-yr cfs	2-yr cfs	5-yr cfs	100-yr cfs
1	0.9	0.9	1.1	3.4	1.6	1.5	4.3
2	2.3	2.2	2.9	9	3.3	4.6	10.7
3	2.1	2.0	2.7	8.0	3.3	4.2	9.8
4	2.0	1.9	2.6	7.7	3.1	4.0	9.3
5	2.0	1.9	2.6	7.7	3.1	4.0	9.3
6	0.6	0.6	0.8	2.3	0.9	1.2	2.8
7	1.0	1.0	1.3	3.8	1.6	2.0	4.6
8	3.4	3.3	4.3	13.0	5.3	6.8	15.8
9	1.1	1.1	1.4	4.2	1.7	2.2	5.1
10	1.7	1.6	2	7	2.7	3	7.9
11	0.8	0.8	1.0	3.1	1.3	1.6	3.7
12	1.4	1.3	2	5	2.2	3	6.5
13	4.1	3.9	5.2	15.7	6.4	8.2	19.0
14	2.9	2.8	3.7	11.1	4.6	5.8	13.5
15	1.5	1.4	1.9	5.7	2.4	3.0	7.0
16	0.8	0.8	1.0	3.1	1.3	1.6	3.7
17	2.6	2.5	3.3	10.0	4.1	5.2	12.1
18	1.8	1.7	2.3	6.9	2.8	3.6	8.4
19	5.9	5.6	7.5	23	9.3	11.9	27.4
20	1.9	1.8	2.4	7.3	3.0	3.8	8.8
21	1.9	1.8	2.4	7.3	3.0	3.8	8.8
22	1.0	0.9	1.2	4	1.5	1.9	4.5
23	1.5	1.4	1.9	5.7	2.4	3.0	7.0
24	0.9	0.9	1.1	3.4	1.4	1.8	4.2
25	1.2	1.1	1.5	4.8	1.9	2.4	5.6
26	0.8	0.8	1.0	3.1	1.3	1.6	3.7
27	2.3	2.2	2.9	8.8	3.6	4.6	10.7
28	2.9	2.8	3.7	11.1	4.6	5.8	13.5
29	3.1	3.0	4.0	12.0	4.9	6.3	14.6
30	3.1	3.0	4.0	12.0	4.9	6.3	14.6
31	1.7	1.6	2.2	6.5	2.7	3.4	7.9
32	1.8	1.5	2.0	6.1	2.5	3.2	7.4
33	4.2	4.0	5.4	16.1	6.6	8.4	19.5
34	16.1	15.4	20.6	61.7	25.3	32.3	73.8
35	3.0	2.8	3.8	11.4	4.7	6.0	13.8
36	1.0	1.0	1.3	3.8	1.6	2.0	4.6
37	1.1	1.1	1.4	4.2	1.7	2.2	5.1
38	1.8	1.7	2.3	6.9	2.8	3.6	8.4
39	1.6	1.5	2.0	6.1	2.5	3.2	7.4
40	1.8	1.7	2.3	6.9	2.8	3.6	8.4
41	2.7	2.6	3.4	10.3	4.2	5.4	12.5
42	2.0	1.9	2.7	8.0	3.3	4.2	9.8
43	0.6	0.6	0.7	2.2	0.9	1.2	2.7
44	2.4	2.3	3.1	9.3	3.8	4.9	11.3
45	0.5	0.5	0.6	1.9	0.8	1.0	2.3
46	2.4	2.3	3.1	9.2	3.8	4.8	11.1
47	1.1	1.1	1.4	4.2	1.7	2.2	5.1
48	3.5	3.4	4.5	15.3	6.4	7.9	16.3
49	1.2	1.1	1.5	4.5	1.8	2.4	5.5
50	4.5	4.3	5.7	17.1	7.0	8.9	20.7
51	1.1	1.1	1.4	4.2	1.7	2.2	5.1
52	0.4	0.4	0.5	1.6	0.7	0.9	2.0
53	2.5	2.4	3.2	9.7	4.0	5.1	11.8
54	0.8	0.8	1.0	3.1	1.3	1.6	3.7
55	1.2	1.1	1.5	4.6	1.9	2.4	5.6
56	2.2	2.1	2.7	8.2	3.4	4.3	10.0
57	0.9	0.9	1.1	3.4	1.4	1.8	4.2
58	3.4	3.2	4.3	12.9	5.3	6.7	15.6
59	3.1	3.0	4.0	12.0	4.9	6.3	14.6
60	1.0	1.0	1.3	3.8	1.6	2.0	4.6
61	0.8	0.7	1.0	3.0	1.2	1.6	3.6
62	1.1	1.1	1.4	4.2	1.7	2.2	5.1
63	1.6	1.5	2.0	6.1	2.5	3.2	7.4
64	1.7	1.6	2.1	6.3	2.6	3.3	7.7
65	3.1	3.0	4.0	11.9	4.9	6.2	14.4
66	0.9	0.9	1.1	3.4	1.4	1.8	4.2
67	1.3	1.2	1.7	5.0	2.0	2.6	6.2
68	2.3	2.2	2.9	8.8	3.6	4.6	10.7
69	2.2	2.1	2.8	8.4	3.5	4.4	10.2
70	4.2	4.0	5.4	16.1	6.6	8.4	19.5
71	1.9	1.8	2.4	7.3	3.0	3.8	8.8
72	3.7	3.5	4.7	14.0	5.7	7.3	17.0
73	1.4	1.3	1.8	5.4	2.2	2.8	6.7
74	1.0	1.0	1.3	3.8	1.6	2.0	4.6
75	0.9	0.9	1.1	3.4	1.4	1.8	4.2
76	1.5	1.4	1.9	5.7	2.4	3.0	7.0
77	0.6	0.6	0.8	2.4	1.0	1.3	2.9
78	1.0	0.9	1.2	3.7	1.5	1.9	4.4
79	1.5	1.4	1.9	5.8	2.2	2.8	6.7
80	4.2	4.0	5.4	16.1	6.6	8.4	19.5
81	2.5	2.4	3.2	9.5	3.9	5.0	11.5
82	0.6	0.6	0.8	2.3	0.9	1.2	2.8
83	1.8	1.7	2.3	6.9	2.8	3.6	8.4
84	4.2	4.0	5.4	16.1	6.6	8.4	19.5
85	1.6	1.5	2.0	6.1	2.5	3.2	7.4
86	1.7	1.6	2.1	6.4	2.6	3.4	7.8
87	1.5	1.4	1.9	5.7	2.4	3.0	7.0
88	2.5	2.4	3.2	9.6	3.9	5.0	11.5
89	19.7	18.9	25.2	75.5	30.9	39.5	91.5
90	1.0	1.0	1.3	3.8	1.6	2.0	4.6
91	3.2	3.1	4.1	12.3	5.0	6.4	14.9
92	0.9	0.9	1.1	3.4	1.4	1.8	4.2
93	1.4	1.3	1.7	5.3	2.2	2.7	6.4
94	2.1	2.0	2.7	8.0	3.3	4.2	9.8
95	3.6	3.4	4.6	13.7	5.6	7.2	16.6
96	1.0	1.0	1.3	3.8	1.6	2.0	4.6
97	1.5	1.5	1.9	5.8	2.4	3.0	7.0
98	1.7	1.6	2.2	6.5	2.7	3.4	7.8
99	1.7	1.6	2.1	6.4	2.6	3.3	7.7
100	1.8	1.6	2.3	7.0	2.9	3.7	8.5
101	1.7	1.6	2.1	6.4	2.6	3.4	7.8
102	0.7	0.7	0.9	2.8	1.1	1.5	3.4
103	1.4	1.3	1.8	5.4	2.2	2.8	6.7
104	1.3	1.2	1.6	4.8	2.0	2.5	5.8
105	2.4	2.3	3.1	9.4	3.8	4.9	11.3
106	1.6	1.5	2.0	6.1	2.5	3.2	7.4
107	1.6	1.5	2.0	6.1	2.5	3.2	7.4
108	1.6	1.5	2.0	6.1	2.5	3.2	7.4
109	0.8	0.8	1.0	3.1	1.3	1.6	3.7
110	1.0	1.0	1.3	3.8	1.6	2.0	4.6
111	3.0	2.8	3.8	11.3	4.6	5.9	13.7
112	0.6	0.6	0.8	2.3	0.9	1.2	2.8
113	0.6	0.6	0.7	2.1	0.8	1.1	2.6
114	2.3	2.2	2.9	8.8	3.6	4.6	10.7
115	0.7	0.6	0.8	2.5	1.0	1.3	3.1
116	0.6	0.6	0.7	2.1	0.8	1.0	2.3
117	1.7	1.6	2.2	6.5	2.7	3.4	7.8
118	0.6	0.6	0.8	2.5	1.0	1.3	3.0
119	6.3	6.0	8.1	24.1	9.9	12.6	29.3
120	3.0	2.8	3.8	11.3	4.6	5.9	13.7
121	0.7	0.7	0.9	2.7	1.1	1.4	3.3
TOTAL	278.0	266	355	1,065	437	558	1,291

