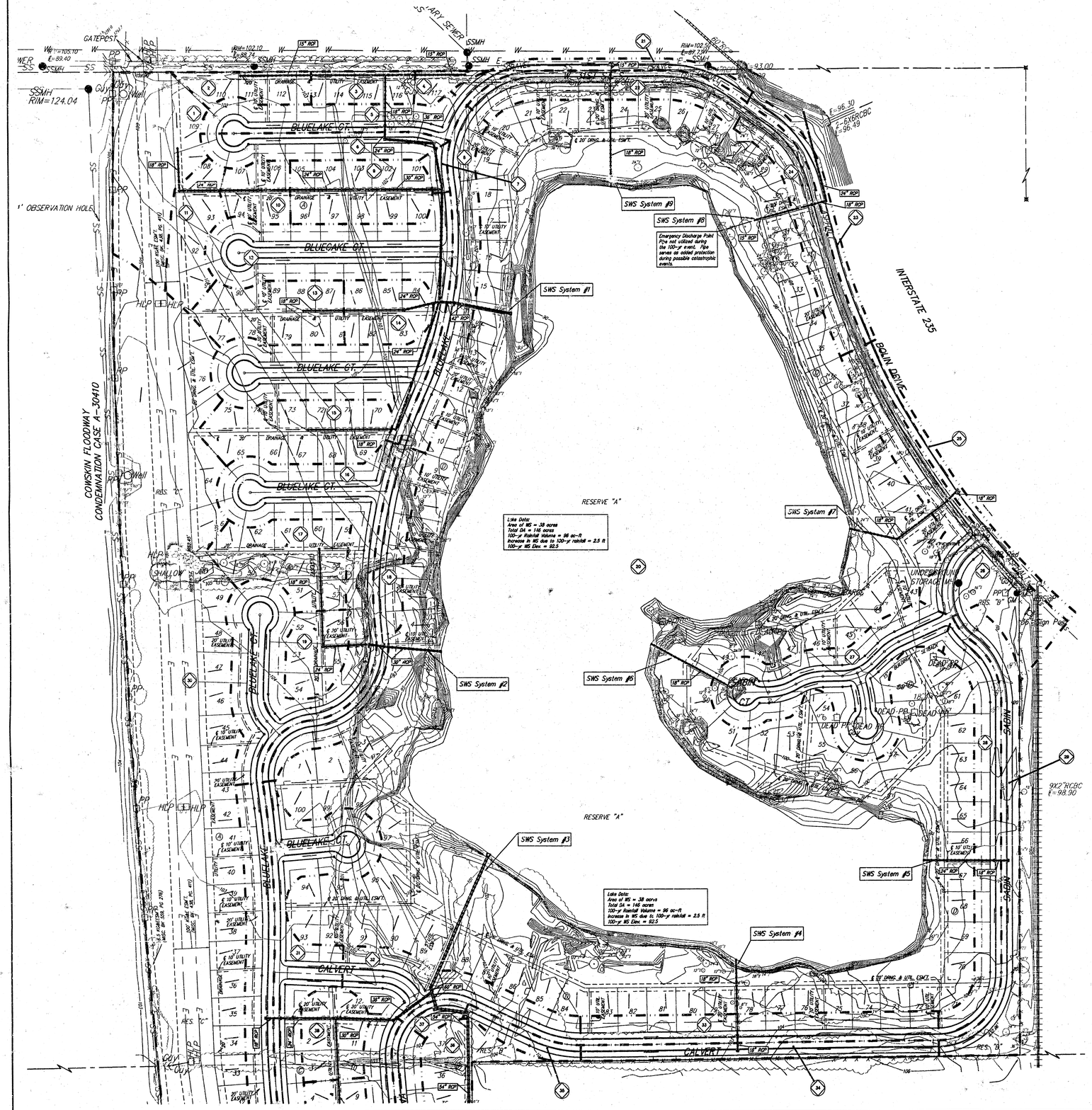
DRAINAGE PLAN
BLUE LAKE ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



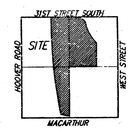
DATE OF PREPARATION: 1 MARCH 2004
DATE OF TOPOGRAPHY: 27 FEBRUARY 2004
CONTOUR INTERVALS = 1 FOOT

OWNER:
TOUTS GELLER BUILDING GROUP, INC.
ATTN: JIM TOUTS
716 N. 119TH ST. WEST
SUITE 109
WICHITA, KANSAS 67235

LEGAL DESCRIPTION:
LOT 1, BLOCK A, BIG LAKE ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS, TOGETHER WITH A TRACT OF LAND IN THE SW1/4, SEC. 11, TWP. 28-S, R-1-W OF THE 6TH P.M.

BENCHMARK:

Basin ID	Area acres	Rational Method "C" 2-yr	5-yr	100-yr	Peak Flowrate 2-yr cfs	5-yr cfs	100-yr cfs
1	2.4	0.45	0.49	0.67	4.2	5.4	11.8
2	0.8	0.45	0.49	0.67	1.4	1.7	3.9
3	0.5	0.45	0.49	0.67	1.1	1.3	3.0
4	0.5	0.45	0.49	0.67	0.9	1.1	2.5
5	1.3	0.45	0.49	0.67	2.3	2.9	6.4
6	1.3	0.45	0.49	0.67	2.3	2.9	6.4
7	0.2	0.45	0.49	0.67	0.4	0.4	1.0
8	0.2	0.45	0.49	0.67	0.4	0.4	1.0
9	1.0	0.45	0.49	0.67	1.7	2.2	4.8
10	1.0	0.45	0.49	0.67	1.7	2.2	4.8
11	4.5	0.45	0.49	0.67	7.9	10.1	22.2
12	4.5	0.45	0.49	0.67	7.9	10.1	22.2
13	1.5	0.45	0.49	0.67	2.6	3.4	7.5
14	0.8	0.45	0.49	0.67	1.5	2.0	4.4
15	1.1	0.45	0.49	0.67	1.9	2.5	5.5
16	4.5	0.45	0.49	0.67	7.9	10.1	22.2
17	4.5	0.45	0.49	0.67	7.9	10.1	22.2
18	1.5	0.45	0.49	0.67	2.6	3.4	7.5
19	0.8	0.45	0.49	0.67	1.4	1.8	4.0
20	73.0	0.45	0.49	0.67	128.6	165.1	360.5
21	0.7	0.45	0.49	0.67	1.2	1.5	3.4
22	1.4	0.45	0.49	0.67	2.5	3.1	6.9
23	0.8	0.45	0.49	0.67	1.4	1.8	4.0
24	1.3	0.45	0.49	0.67	2.3	2.9	6.4
25	0.7	0.45	0.49	0.67	1.2	1.5	3.3
26	0.7	0.45	0.49	0.67	1.2	1.5	3.3
27	2.5	0.45	0.49	0.67	4.4	5.6	12.2
28	3.5	0.45	0.49	0.67	4.9	6.3	13.8
29	3.0	0.45	0.49	0.67	4.2	5.4	11.8
30	5.8	0.45	0.49	0.67	3.3	4.2	9.4
31	100.0	0.45	0.49	0.67	50.9	67.0	141.1
32	3.0	0.45	0.49	0.67	5.3	6.7	14.8
33	1.6	0.45	0.49	0.67	2.8	3.6	7.9
34	1.7	0.45	0.49	0.67	3.0	3.8	8.4
35	0.4	0.45	0.49	0.67	0.7	0.9	2.0
36	0.4	0.45	0.49	0.67	0.7	0.9	2.0
37	0.2	0.45	0.49	0.67	0.4	0.4	1.0
38	0.2	0.45	0.49	0.67	0.4	0.4	1.0
39	0.2	0.45	0.49	0.67	1.5	2.3	4.9
40	0.2	0.45	0.49	0.67	1.5	2.3	4.9
41	1.0	0.45	0.49	0.67	1.8	2.2	4.8
42	1.0	0.45	0.49	0.67	1.8	2.2	4.8
43	1.0	0.45	0.49	0.67	1.8	2.2	4.8
44	1.0	0.45	0.49	0.67	1.8	2.2	4.8
45	1.0	0.45	0.49	0.67	2.1	2.7	5.8
46	1.0	0.45	0.49	0.67	2.1	2.7	5.8
47	1.4	0.45	0.49	0.67	4.2	5.4	11.8
48	1.4	0.45	0.49	0.67	4.2	5.4	11.8
49	0.3	0.45	0.49	0.67	0.5	0.7	1.5
50	0.3	0.45	0.49	0.67	0.5	0.7	1.5
51	0.3	0.45	0.49	0.67	0.5	0.7	1.5
52	0.3	0.45	0.49	0.67	0.5	0.7	1.5
53	0.3	0.45	0.49	0.67	0.5	0.7	1.5
54	0.3	0.45	0.49	0.67	0.5	0.7	1.5
55	0.3	0.45	0.49	0.67	0.5	0.7	1.5
56	0.3	0.45	0.49	0.67	0.5	0.7	1.5



VICINITY MAP
SEC. 11, T28S, R1W

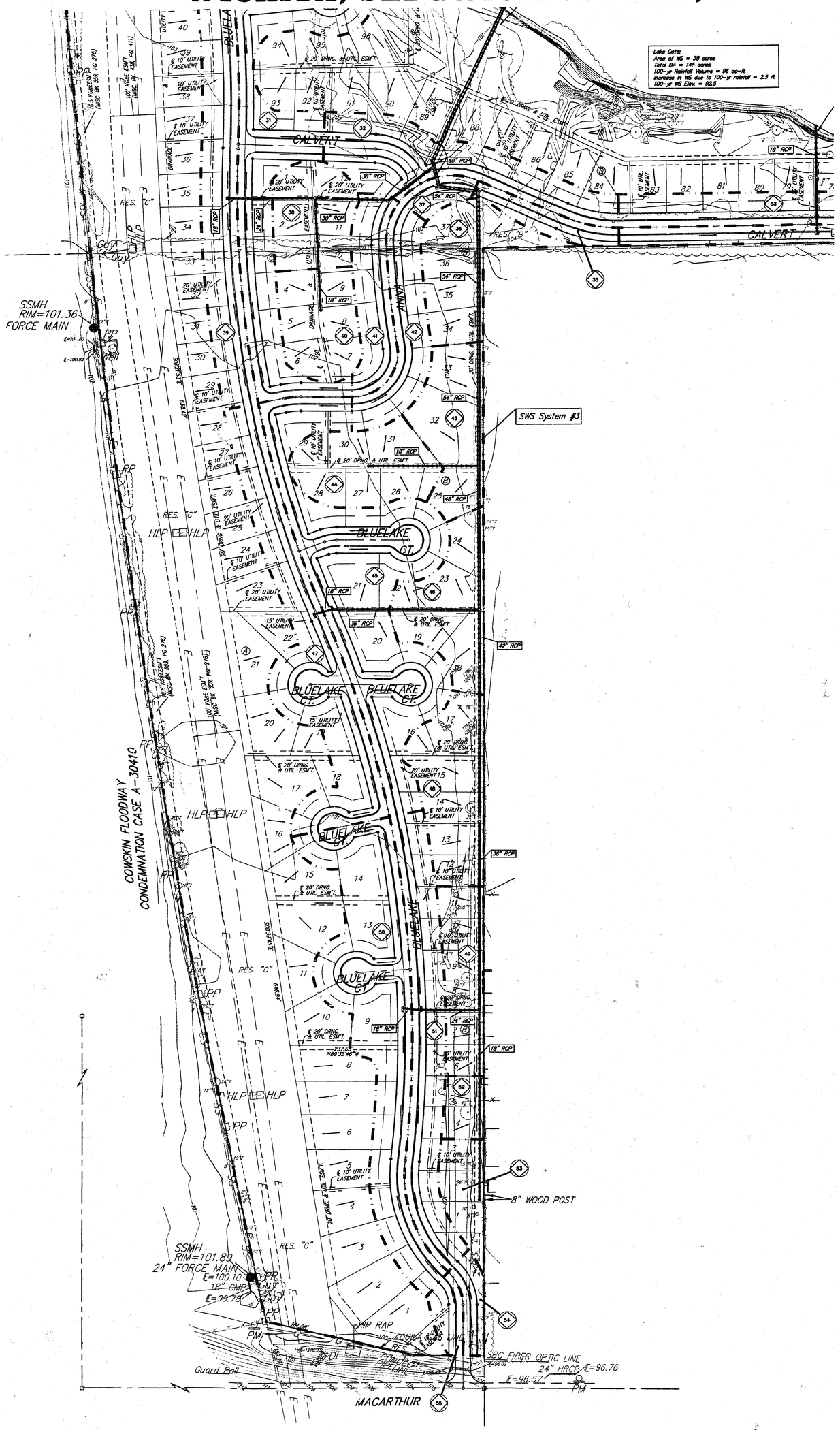
DANIEL G. BAUGHMAN LICENSED 16284 STATE OF KANSAS PROFESSIONAL ENGINEER
05/04/2004

Page 1 of 2
1 MARCH 2004

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

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DRAINAGE PLAN
BLUE LAKE ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



0 100 200

1" = 100'

DATE OF PREPARATION: 1 MARCH 2004
DATE OF TOPOGRAPHY: 27 FEBRUARY 2004
CONTOUR INTERVALS = 1 FOOT

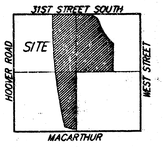
OWNER:
FOUTS GELLER BUILDING GROUP, INC.
ATTN: JIM FOUTS
716 N. 119TH ST. WEST
SUITE 100
WICHITA, KANSAS 67235

LEGAL DESCRIPTION:
LOT 1, BLOCK A, BIG LAKE ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS, TOGETHER WITH A TRACT OF LAND IN THE SW1/4, SEC. 11, TWP. 28-S, R-1-W OF THE 6TH P.M.

BENCHMARK:

Basin ID	Area acres	Rational Method "C" 2-yr	5-yr	100-yr	Peak Flowrates 2-yr cfs	5-yr cfs	100-yr cfs
1	2.4	0.46	0.49	0.67	4.2	5.4	11.9
2	0.8	0.46	0.49	0.67	1.1	1.3	3.0
3	0.8	0.46	0.49	0.67	1.1	1.3	3.0
4	0.2	0.46	0.49	0.67	0.4	0.4	1.0
5	1.3	0.46	0.49	0.67	2.3	2.9	6.4
6	1.1	0.46	0.49	0.67	1.9	2.5	5.4
7	0.2	0.46	0.49	0.67	0.4	0.4	1.0
8	1.8	0.46	0.49	0.67	2.8	3.6	7.9
9	1.5	0.46	0.49	0.67	2.6	3.4	7.4
10	0.7	0.46	0.49	0.67	1.2	1.6	3.5
11	1.0	0.46	0.49	0.67	1.8	2.2	4.9
12	4.5	0.46	0.49	0.67	7.5	10.1	22.2
13	1.5	0.46	0.49	0.67	2.6	3.4	7.4
14	0.9	0.46	0.49	0.67	1.6	2.0	4.4
15	1.8	0.46	0.49	0.67	3.2	4.0	8.8
16	4.5	0.46	0.49	0.67	7.9	10.1	22.2
17	1.6	0.49	0.49	0.67	2.6	3.6	7.9
18	1.5	0.46	0.49	0.67	2.6	3.4	7.4
19	0.8	0.46	0.49	0.67	1.4	1.8	4.0
20	73.0	0.46	0.49	0.67	128.8	163.1	360.5
21	0.7	0.46	0.49	0.67	1.2	1.6	3.5
22	1.4	0.46	0.49	0.67	2.5	3.1	6.9
23	0.8	0.46	0.49	0.67	1.1	1.3	3.0
24	1.3	0.46	0.49	0.67	2.3	2.9	6.4
25	0.7	0.46	0.49	0.67	1.2	1.6	3.5
26	2.8	0.46	0.49	0.67	4.8	5.9	12.9
27	2.8	0.46	0.49	0.67	4.9	6.3	13.8
28	2.1	0.46	0.49	0.67	3.7	4.7	10.4
29	1.9	0.46	0.49	0.67	3.3	4.2	9.4
30	30.0	0.46	0.49	0.67	52.9	67.0	148.1
31	3.0	0.46	0.49	0.67	5.3	6.7	14.8
32	1.6	0.46	0.49	0.67	2.8	3.6	7.9
33	1.7	0.46	0.49	0.67	3.0	3.8	8.4
34	1.0	0.46	0.49	0.67	1.8	2.2	4.9
35	0.4	0.46	0.49	0.67	0.7	0.9	2.0
36	1.2	0.46	0.49	0.67	2.1	2.7	5.9
37	0.2	0.46	0.49	0.67	0.4	0.4	1.0
38	1.0	0.46	0.49	0.67	1.8	2.2	4.9
39	2.0	0.46	0.49	0.67	3.5	4.[illegible]	9.9
40	1.0	0.46	0.46	0.67	1.8	2.2	4.9
41	0.8	0.46	0.49	0.67	1.4	1.8	4.0
42	1.0	0.46	0.46	0.67	1.8	2.2	4.9
43	1.1	0.46	0.49	0.67	1.9	2.5	5.4
44	1.2	0.46	0.49	0.67	2.1	2.7	5.9
45	3.8	0.46	0.49	0.67	6.5	8.0	17.9
46	1.2	0.46	0.49	0.67	2.1	2.7	5.9
47	2.4	0.46	0.49	0.67	4.2	5.4	11.9
48	1.4	0.46	0.49	0.67	2.5	3.1	6.9
49	0.9	0.46	0.49	0.67	1.6	2.0	4.4
50	3.0	0.46	0.49	0.67	5.3	6.7	14.8
51	1.9	0.46	0.49	0.67	3.3	4.2	9.4
52	0.3	0.46	0.46	0.67	0.5	0.7	1.5
53	0.5	0.46	0.49	0.67	0.9	1.1	2.5
54	0.3	0.46	0.49	0.67	0.5	0.7	1.5
55	0.3	0.46	0.46	0.67	0.5	0.7	1.5

RYAN L. GLENN
LICENSED
16284
KANSAS
PROFESSIONAL ENGINEER
05/04/2004



VICINITY MAP
SEC. 11, T28S, R1W

1 MARCH 2004

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 * 315 ELLIS * WICHITA, KANSAS 67211
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