DRAINAGE PLAN
TURKEY CREEK 2ND ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



Section	Existing WS Elev.	Proposed WS Elev.
25654	138.6	138.6
25707	138.7	138.7
25757	138.9	138.9
25784	139.0	139.0
25963	140.2	139.4
26318	141.1	139.5
26638	141.7	139.8
26849	142.0	140.0
27090	142.6	140.4
27448	143.2	141.7
27730	143.7	143.4
27977	144.0	143.8
28200	144.1	144.0
28473	144.4	144.3
28548	144.4	144.4

0 100 200

DATE OF PREPARATION: 9 FEBRUARY 2004

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION CITY DATUM
5-7	B	140.0
9-17	B	141.2
35-37	B	143.0
40-43	B	143.6
44-46	B	144.2
47-49	B	144.7
50-52	B	145.0
53-55	D	145.1

BENCHMARK:
119TH ST. W. & PAWNEE
CITY OF WICHITA BENCHMARK DISC
NE. CORNER OF INTERSECTION
40.00' E. OF ℄
30.00' N. OF ℄
59.50' N. OF P.P. AT SE. COR. OF INTERSECTION
156.80' NNE. OF ℄ OF E. CONC. HEADWALL ON CULVERT UNDER 119TH ST. W.
ELEV. = 148.68 CITY DATUM
(PER COUNTY RECORD)

NOTE:
A master grading plan for drainage has been developed for this subdivision and is on file with the City of Wichita, Kansas. All drainage easements, right-of-ways, or reserves shall remain at established grades or as modified with the approval of the City Engineer of the City of Wichita, Kansas. No obstructions which impede the flow of this drainage system be allowed.

Note:
Grading and Stormwater Sewer Calculations were previously submitted with "Turkey Creek Addition" Drainage Plan. No alterations to grading, stormwater sewer alignment, or stormwater sewer sizes are proposed.

Basin	Area acres	C2	C5	C100	Q2 cfs	Q5 cfs	Q100 cfs
1	21.8	0.46	0.49	0.7	38.4	48.7	112.5
2	3.5	0.46	0.49	0.7	6.2	7.8	18.1
3	2	0.46	0.49	0.7	3.5	4.5	10.3
4	1.1	0.46	0.49	0.7	1.9	2.5	5.7
5	1.7	0.46	0.49	0.7	3.0	3.8	8.8
6	1.9	0.46	0.49	0.7	3.3	4.2	9.8
7	1.5	0.46	0.49	0.7	2.6	3.4	7.7
8	3.1	0.46	0.49	0.7	5.5	6.9	16.0
9	0.8	0.46	0.49	0.7	1.4	1.8	4.1
10	1.3	0.46	0.49	0.7	2.3	2.9	6.7
11	2	0.46	0.49	0.7	3.5	4.5	10.3
12	1.5	0.46	0.49	0.7	2.6	3.4	7.7
13	2	0.46	0.49	0.7	3.5	4.5	10.3
14	2	0.46	0.49	0.7	3.5	4.5	10.3
15	0.8	0.46	0.49	0.7	1.4	1.8	4.1
16	4.7	0.46	0.49	0.7	8.3	10.5	24.2
17	1.2	0.46	0.49	0.7	2.1	2.7	6.2
18	0.9	0.46	0.49	0.7	1.6	2.0	4.6
19	1	0.46	0.49	0.7	1.6	2.2	5.2
20	1.2	0.46	0.49	0.7	2.1	2.7	6.2
21	0.7	0.46	0.49	0.7	1.2	1.6	3.6
22	0.1	0.46	0.49	0.7	0.2	0.2	0.5
23	1.3	0.46	0.49	0.7	2.3	2.9	6.7
24	1.6	0.46	0.49	0.7	2.8	3.6	8.3
25	2.5	0.46	0.49	0.7	4.4	5.6	12.9
26	1	0.46	0.49	0.7	1.8	2.2	5.2
27	1.1	0.46	0.49	0.7	1.9	2.5	5.7
28	0.7	0.46	0.49	0.7	1.2	1.6	3.6
29	2.2	0.46	0.49	0.7	3.9	4.9	11.3
30	1.1	0.46	0.49	0.7	1.9	2.5	5.7
31	3.4	0.46	0.49	0.7	6.0	7.6	17.5
32	1.1	0.46	0.49	0.7	1.9	2.5	5.7
33	1.1	0.46	0.49	0.7	1.9	2.5	5.7
34	1.1	0.46	0.49	0.7	1.9	2.5	5.7
35	0.3	0.46	0.49	0.7	0.5	0.7	1.5
36	0.5	0.46	0.49	0.7	0.9	1.1	2.6
37	0.3	0.46	0.49	0.7	0.5	0.7	1.5
38	0.3	0.46	0.49	0.7	0.5	0.7	1.5
39	0.8	0.46	0.49	0.7	1.4	1.8	4.1
40	0.7	0.46	0.49	0.7	1.2	1.6	3.6
41	0.8	0.46	0.49	0.7	1.4	1.8	4.1
42	0.8	0.46	0.49	0.7	1.4	1.8	4.1
43	0.4	0.46	0.49	0.7	0.7	0.9	2.1
44	0.9	0.46	0.49	0.7	1.6	2.0	4.6
45	0.7	0.46	0.49	0.7	1.2	1.6	3.6
46	0.9	0.46	0.49	0.7	1.6	2.0	4.6
47	0.7	0.46	0.49	0.7	1.2	1.6	3.6
48	0.7	0.46	0.49	0.7	1.2	1.6	3.6
49	0.6	0.46	0.49	0.7	1.1	1.3	3.1

15 NOVEMBER 2004

BAUGHMAN COMPANY P. A.
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