

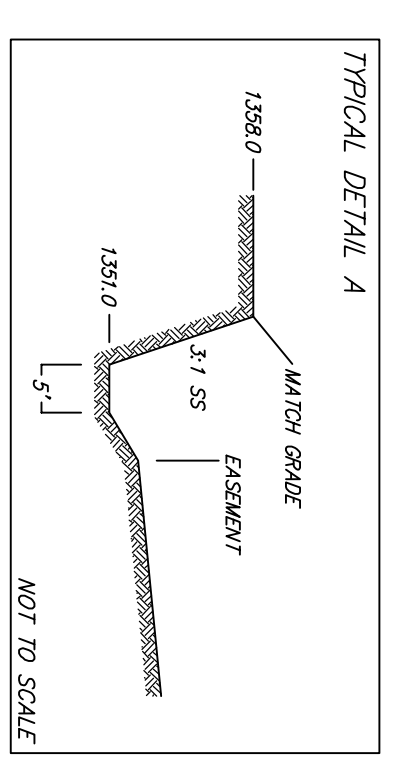
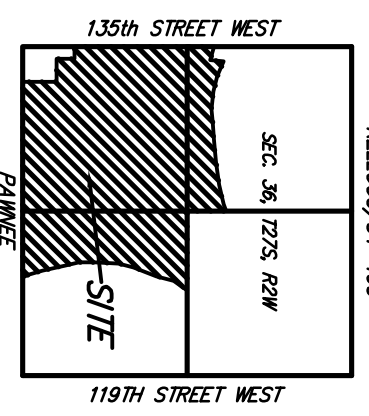
DRAINAGE PLAN TURKEY CREEK 3RD ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

BOARD OF COUNTY COMMISSIONERS
OF SEDGWICK COUNTY, KANSAS
(BOARD FILE NO. 200521)

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U.S. HIGHWAY 54

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DATE OF REVISION: 20 JUNE 2005
DATE OF THROUGH: 05 JAN 2004
COMPAR MEASUREMENTS = 1 FOOT

Basin ID	Area acres	Existing Flowrates		Developed Flowrates	
		2-yr cfs	5-yr cfs	2-yr cfs	5-yr cfs
1	0.5	0.9	1.1	2.1	1.0
2	1.3	2.2	3.0	5.6	2.6
3	1.3	6.0	8.9	16.0	7.5
4	2.0	3.4	4.8	8.5	4.0
5	5.5	9.5	13.4	24.1	11.4
6	0.8	1.0	1.4	2.6	1.2
7	1.2	2.1	2.7	5.1	2.4
8	1.2	2.1	2.7	5.1	2.4
9	0.8	1.0	1.4	2.6	1.2
10	1.2	2.1	2.7	5.1	2.4
11	1.2	2.1	2.7	5.1	2.4
12	2.6	4.5	5.9	11.1	5.2
13	4.8	8.3	11.1	21.1	9.6
14	2.8	4.8	6.4	12.2	5.6
15	5.6	9.7	13.2	24.4	11.4
16	1.4	2.4	3.2	6.0	2.8
17	1.2	2.1	2.7	5.1	2.4
18	2.2	4.2	5.5	10.2	4.8
19	1.1	1.9	2.6	4.8	2.3
20	1.2	2.1	2.7	5.1	2.4
21	1.2	2.1	2.7	5.1	2.4
22	1.5	2.6	3.4	6.4	3.0
23	5.3	9.1	12.2	23.1	11.3
24	5.3	9.5	13.2	24.4	11.4
25	4.5	8.3	11.1	21.1	9.6
26	4.5	8.3	11.1	21.1	9.6
27	2.2	3.8	5.0	9.4	4.4
28	1.2	2.1	2.7	5.1	2.4
29	1.4	2.4	3.2	6.0	2.8
30	1.8	3.1	4.1	7.7	3.6
31	0.8	1.0	1.4	2.6	1.2
32	2.3	4.0	5.2	9.8	4.6
33	4.5	7.9	10.6	20.6	9.7
34	4.5	7.9	10.6	20.6	9.7
35	1.3	2.2	3.0	5.6	2.6
36	4.0	6.9	9.1	17.7	8.0
37	1.4	2.4	3.2	6.0	2.8
38	1.2	2.1	2.7	5.1	2.4
39	0.4	0.7	0.9	1.7	0.8
40	1.5	2.6	3.4	6.4	3.0
41	1.5	2.6	3.4	6.4	3.0
42	1.8	3.1	4.1	7.7	3.6
43	1.5	2.6	3.4	6.4	3.0
44	2.1	3.6	4.8	9.0	4.2
45	1.1	1.9	2.5	4.7	2.2
46	1.5	2.6	3.4	6.4	3.0
47	0.8	1.0	1.4	2.6	1.2
48	2.0	3.4	4.5	8.5	4.0
49	2.3	4.0	5.2	9.8	4.6
50	0.8	1.0	1.4	2.6	1.2
51	3.0	5.2	6.8	13.3	6.0
52	7.7	13.3	18.0	35.3	15.9
53	2.0	3.4	4.5	8.5	4.0
TOTAL	202	349	481	885	403

NOTE: FEMA Floodplain scaled per location per FEMA FIRM 200321 02004, Effective Date June 3, 1996.

Base Flood Elevations and Cross Sections determined per HEC-2 modeling previously submitted with Turkey Creek 2nd Addition. A Floodplain Fill Permit will be obtained from the Kansas Department of Water Resources prior to development on lots in the Floodplain, as established by the HEC-2 model.

20 JUNE 2005

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