

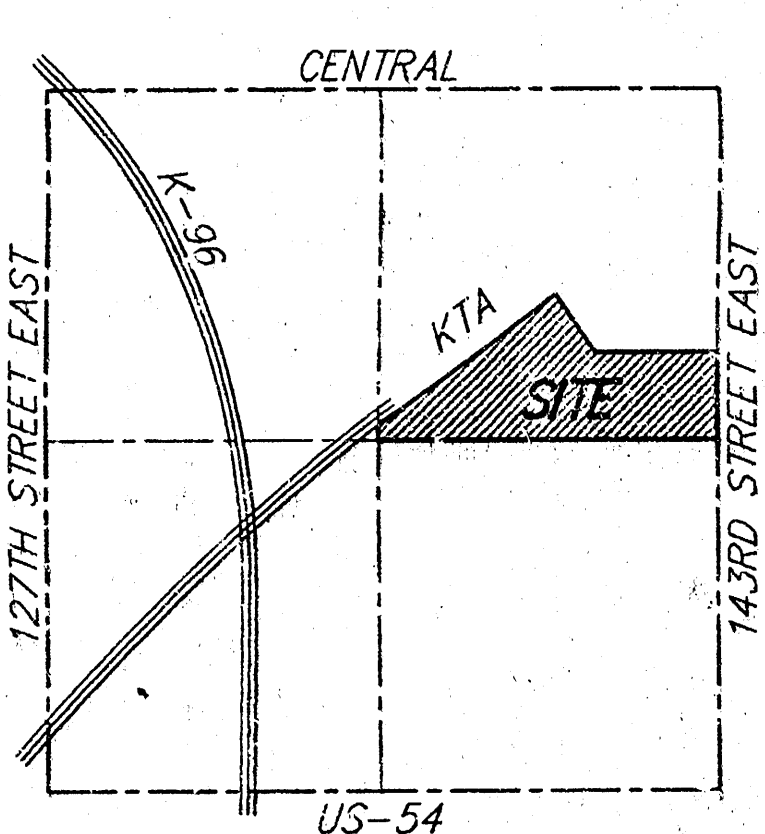
DRAINAGE PLAN SHOAL CREEK ADDITION SEDGWICK COUNTY, KANSAS

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LEGAL DESCRIPTION:
ALL THAT PORTION OF THE NE 1/4 OF SEC. 23, TWP. 27-S, R-2-E OF THE 6TH P.M., SEDGWICK COUNTY, KANSAS, LYING SOUTH AND EAST OF THE SOUTHERLY RIGHT-OF-WAY LINE OF THE KANSAS TURNPIKE AS DESCRIBED IN THAT CERTAIN CONDEMNATION IN DISTRICT COURT OF SEDGWICK COUNTY, KANSAS, STYLED AS CASE NO. A-54126, EXCEPT A TRACT OF LAND IN THE NE 1/4 OF SEC. 23, TWP. 27-S, R-2-E OF THE 6TH P.M., SEDGWICK COUNTY, KANSAS, DESCRIBED AS FOLLOWS: COMMENCING AT THE N.E. CORNER OF SAID NE 1/4, THENCE ON AN ASSUMED BASIS OF BEARING OF S00°06'24"W ALONG THE EAST LINE OF SAID NE 1/4, 849.22 FEET TO THE INTERSECTION OF THE SOUTHERLY RIGHT-OF-WAY LINE OF KANSAS TURNPIKE AUTHORITY; CONDEMNATION CASE A-54126, AND FOR A POINT OF BEGINNING, THENCE CONTINUING S00°06'24"W ALONG THE EAST LINE OF SAID NE 1/4, 1173.38 FEET; THENCE N89°53'16"W PERPENDICULAR TO THE EAST LINE OF SAID NE 1/4, 754.19 FEET; THENCE N58°39'27"W, 467.18 FEET, MORE OR LESS, TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF KANSAS TURNPIKE AUTHORITY, CONDEMNATION CASE A-54126; THENCE N05°57'24"E, 121.17 FEET TO THE POINT OF BEGINNING, SUBJECT TO ROAD RIGHT-OF-WAY AGREEMENTS ON 143RD STREET EAST (FILM 876, PAGE 450), (FILM 876, PAGE 448); OUT CLAIM DEED (FILM 845, PAGE 1441), AND RIGHT-OF-WAY AGREEMENT RECORDED B-12-23.

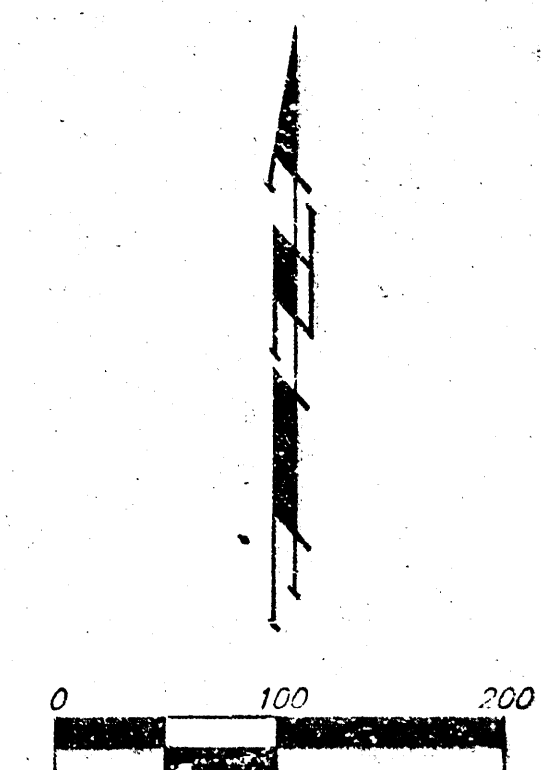
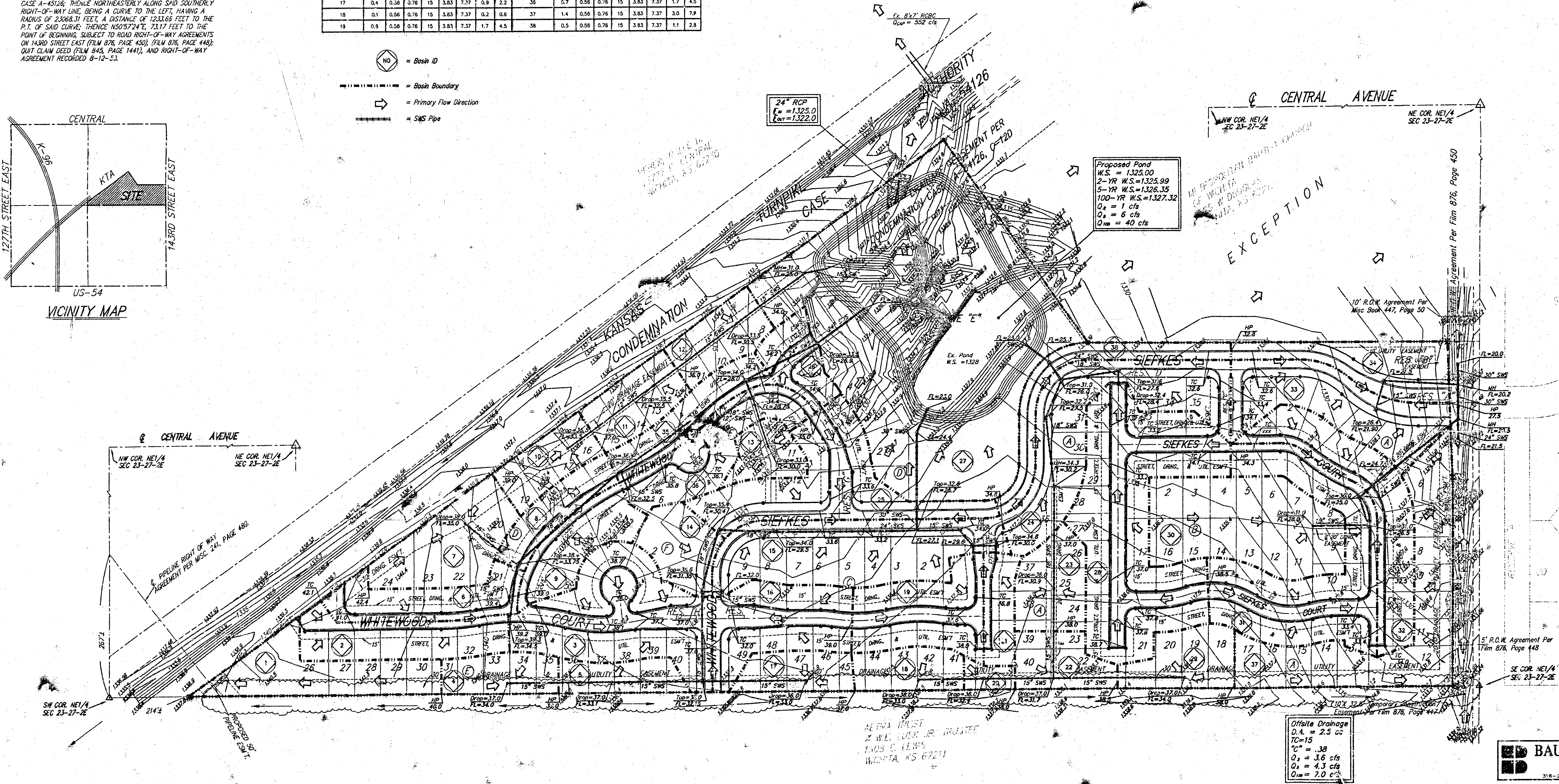
Hydrologic Data:
Rat. = Method "C" values based on 1/8 acre lots, with hydrologic soil types C and D.

Drainage Area	Area (acres)	Cu	Cm	Tu (in/hr)	Tm (in/hr)	Qp (cfs)	Qm (cfs)	Drainage Area	Area (acres)	Cu	Cm	Tu (in/hr)	Tm (in/hr)	Qp (cfs)	Qm (cfs)
1	0.3	0.56	0.76	15	3.83	7.37	1.7	4.5	20	0.3	0.56	0.76	15	3.83	7.37
2	0.7	0.32	0.76	15	3.83	7.37	1.5	3.9	21	0.3	0.56	0.76	15	3.83	7.37
3	1.4	0.56	0.76	15	3.83	7.37	3.0	7.8	22	0.4	0.56	0.76	15	3.83	7.37
4	0.4	0.56	0.76	15	3.83	7.37	0.9	2.2	23	0.5	0.56	0.76	15	3.83	7.37
5	0.3	0.56	0.76	15	3.83	7.37	0.6	1.7	24	1.3	0.56	0.76	15	3.83	7.37
6	0.6	0.56	0.76	15	3.83	7.37	1.3	3.4	25	1.2	0.56	0.76	15	3.83	7.37
7	0.9	0.56	0.76	15	3.83	7.37	1.9	5.0	26	0.4	0.56	0.76	15	3.83	7.37
8	0.4	0.56	0.76	15	3.83	7.37	0.9	2.2	27	5.3	0.56	0.76	15	3.83	7.37
9	0.5	0.56	0.76	15	3.83	7.37	1.1	2.8	28	2.2	0.56	0.76	15	3.83	7.37
10	0.4	0.56	0.76	15	3.83	7.37	0.9	2.2	29	0.5	0.56	0.76	15	3.83	7.37
11	0.5	0.56	0.76	15	3.83	7.37	1.1	2.8	30	1.4	0.56	0.76	15	3.83	7.37
12	0.4	0.56	0.76	15	3.83	7.37	0.9	2.2	31	1.5	0.56	0.76	15	3.83	7.37
13	0.3	0.56	0.76	15	3.83	7.37	0.6	1.7	32	1.0	0.56	0.76	15	3.83	7.37
14	0.4	0.56	0.76	15	3.83	7.37	0.9	2.2	33	1.0	0.56	0.76	15	3.83	7.37
15	1.4	0.56	0.76	15	3.83	7.37	3.0	7.8	34	0.6	0.56	0.76	15	3.83	7.37
16	0.8	0.56	0.76	15	3.83	7.37	1.7	4.5	35	0.5	0.56	0.76	15	3.83	7.37
17	0.4	0.56	0.76	15	3.83	7.37	0.9	2.2	36	0.7	0.56	0.76	15	3.83	7.37
18	0.1	0.56	0.76	15	3.83	7.37	0.2	0.6	37	1.4	0.56	0.76	15	3.83	7.37
19	0.9	0.56	0.76	15	3.83	7.37	1.7	4.5	38	0.5	0.56	0.76	15	3.83	7.37



VICINITY MAP

- ① = Basin ID
- = Basin Boundary
- = Primary Flow Direction
- = SWS Pipe



BENCHMARK:
"C" CUT ON TOP OF CURB, NORTH SIDE SIEFKES MEADOW ADDITION.
ELEV. = 1322.59 M.S.L.

- = #4 BAUGHMAN REBAR (SET)
- △ = SECTION CORNER (FOUND)
- ⊠ = #4 P.E.C. REBAR (FOUND)