

DRAINAGE PLAN

WESTRIDGE ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

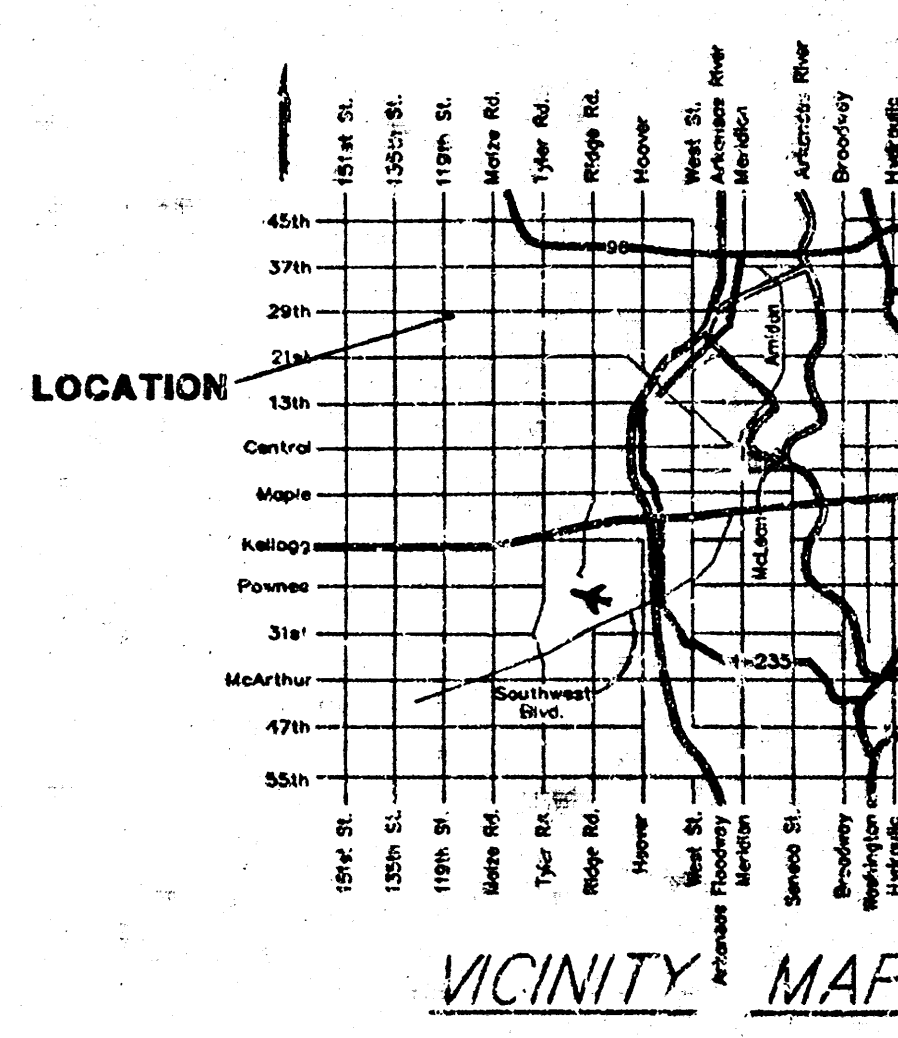


CONTOUR INTERVAL = 2 FT.
 • = 1/4" H.E. "BAUGHMAN" CAP (SET)
 -O- = UTILITY POLE

NOTE:
 AGREEMENT FOR DRAINAGE PURPOSES
 (MISC. BOOK 258, PAGE 365) OVER
 THE W1/2 OF THE NW1/4 OF SEC. 6,
 TWP. 27-S, R-1-W

NOTE:
 CITY SERVICE OIL & GAS CORP. PIPELINE
 RIGHT-OF-WAY EASEMENT
 (MISC. BOOK 122, PAGE 357)
 (FILE 620, PAGE 1257)

Drainage Area	Area (Acres)	Cu	Qm	Tc (min)	1s (in/hr)	1m (in/hr)	Qp (cfs)	Qm (cfs)
1	8.91	.54	.54	15	3.85	7.37	18.4	35.5
2	5.12	.54	.54	15	3.85	7.37	10.6	20.4
3	1.54	.54	.54	15	3.85	7.37	3.9	6.14
4	1.69	.54	.54	15	3.85	7.37	3.50	6.73
5	2.00	.54	.54	15	3.85	7.37	4.12	7.94
6	1.33	.54	.54	15	3.85	7.37	2.75	5.29
7	6.21	.54	.54	15	3.85	7.37	15.8	24.7
8	2.35	.54	.54	15	3.85	7.37	4.86	9.35
9	3.77	.54	.54	15	3.85	7.37	7.80	15.0
10	1.19	.54	.54	15	3.85	7.37	2.45	4.74
11	6.32	.54	.54	15	3.85	7.37	13.1	25.1
12	2.19	.54	.54	15	3.85	7.37	4.53	8.72
13	1.83	.54	.54	15	3.85	7.37	3.78	7.28
14	1.76	.54	.54	15	3.85	7.37	3.70	7.12
15	5.78	.54	.54	15	3.85	7.37	12.0	23.0
16	2.38	.54	.54	15	3.85	7.37	4.92	9.47



BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 316-262-7271 • 316-ELLS • WICHITA, KANSAS 67211
 J. WOODWARD, INC. 67211

NOTE:
 AERIAL TOPOGRAPHY BY:
 WESTERN AIR MAPS, INC.
 9401 REEDS ROAD
 OVERLAND PARK, KS 66207
 (DATE OF TOPG = 5/20/99)

