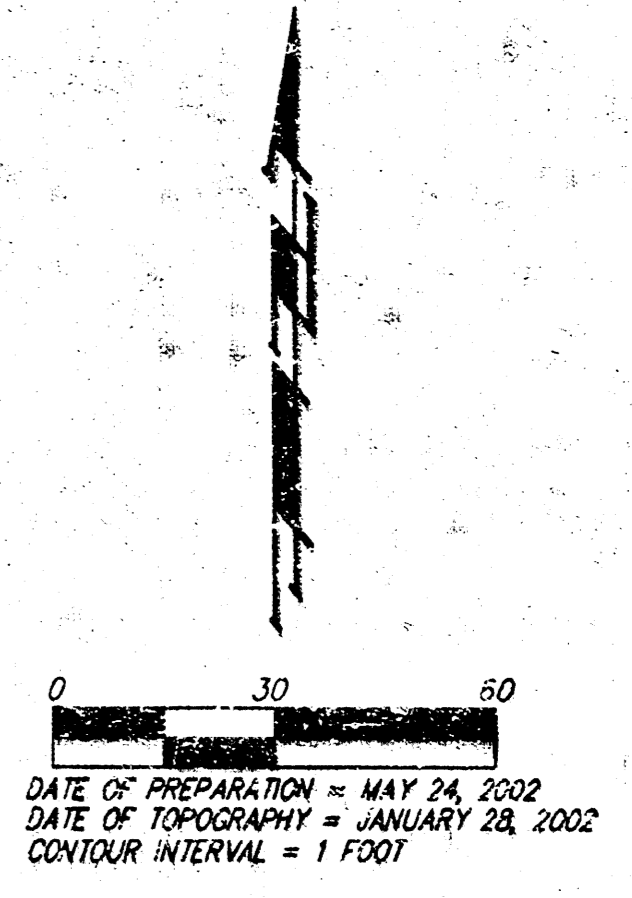


DRAINAGE PLAN WOODS EDGE AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



- Drainage Basin Boundary
- 100 yr Floodplain Boundary
- 500-yr Floodplain Boundary
- ⊙ Basin Identifier

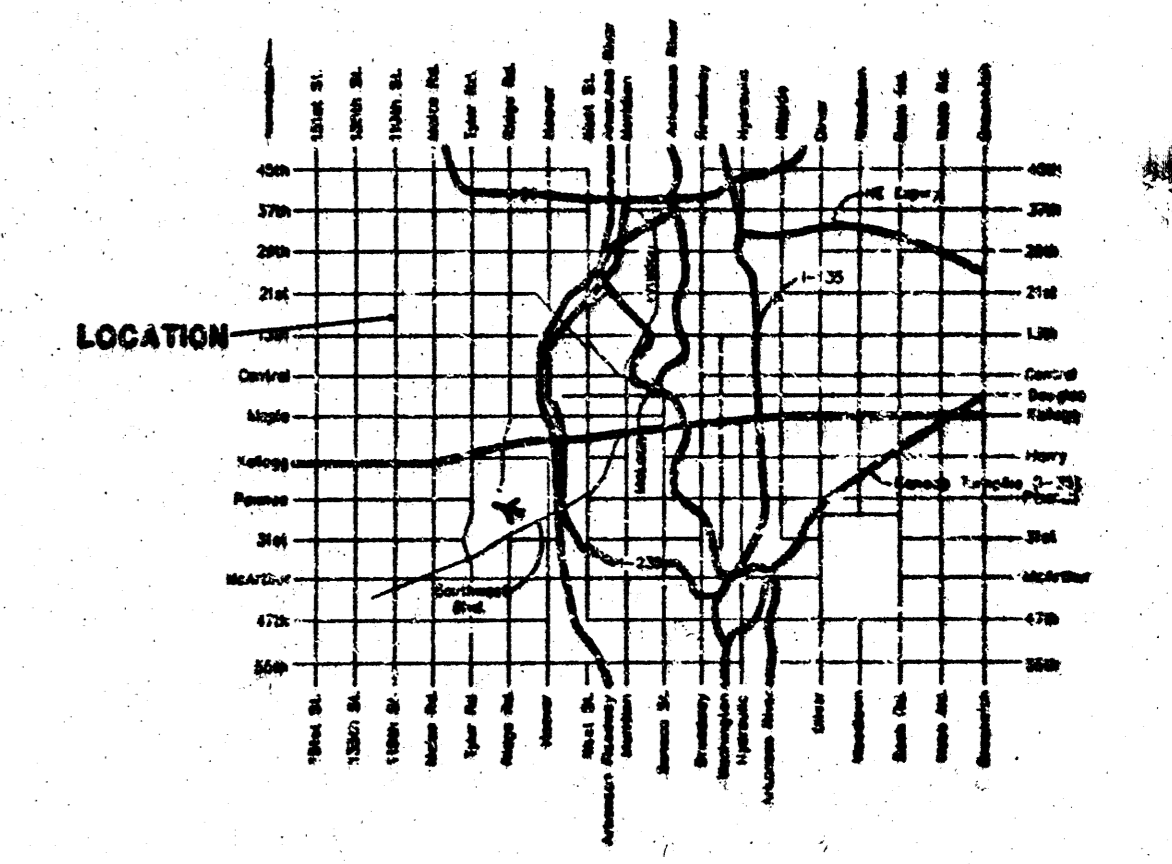
LOT	BLOCK	ELEVATION CITY DATUM
1	A	148.1
2	A	148.1

OWNER:
James Goolsby
628 W. 9th Street
Wichita, Ks 67203

LEGAL DESCRIPTION:
Beginning at NE cor. of the SE 1/4 of Sec. 13, Twp. 27-S, R-2-W of the 6th P.M., Sedgwick County, Kansas; thence South 149.75 feet more or less to a point 2492.5 feet north of SE cor. of said SE 1/4; thence west parallel with the south line of said SE 1/4, 100.00 feet; thence west parallel with the south line of said SE 1/4, 217.80 feet; thence north parallel with the east line of said SE 1/4, 251.79 feet more or less, to the north line of said SE 1/4; thence east 433.8 feet to beginning.

BENCHMARK:
□ Cut - Top of curb, W. side of 119th St. W. next to catch basin.
Elev. = 147.32 City Datum
(1334.72 M.S.L.)

RESERVE "A" IS RESERVED FOR PRIVATE ACCESS DRIVE, DRAINAGE PURPOSES, OPEN SPACE, LANDSCAPING, AND UTILITIES AS CONFIRMED TO EASEMENTS.



NOTE:
PORTIONS OF THIS PROPERTY HAVE BEEN REMOVED FROM THE SPECIAL FLOOD HAZARD AREA (SFHA), BY LETTER OF MAP REVISION, BASED ON FILL (LOWR-F), CASE # 02-07-180A, EFFECTIVE DATE FEBRUARY 27, 2002. CONSTRUCTION PROJECTS ON THIS PROPERTY SHALL CONFORM TO ANY AND ALL CONDITIONS OF THIS LOWR-F.

- Drainage calculations have been performed with the following:
1. Average City of Wichita runoff coefficients for single family 1-acre lots
 2. Hydrologic soil types B and C
 3. Calculations of pipe capacity has been previously submitted to the City of Wichita's Storm Water Management Dept.
 4. 100-yr Base Flood Elevation = 1334.0 msl = 146.6 (City Datum)

Drainage Area	Area (acres)	C ₁	C ₂	T _c (min.)	I ₁ (in/hr)	I ₂ (in/hr)	Q ₁ (cfs)	Q ₂ (cfs)
1	4.5	0.35	0.56	15	3.83	7.37	6.0	19
2	1.1	0.35	0.56	15	3.83	7.37	1.5	4.5
3	0.9	0.35	0.56	15	3.83	7.37	1.2	3.7

