

DRAINAGE PLAN ZEIGLER ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

Exist. 3-6x6' RCBC
FL in = 148.16
FL out = 148.06
Q_{cap} = 585 cfs
HW Elev. = 156.8

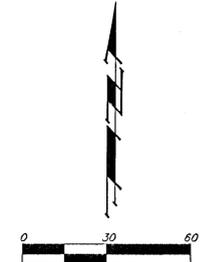
D.A. = 1,450 ac.
T_c = 129 min.
CN = 78
Q₂ = 585 cfs
Q₅ = 957 cfs
Q₁₀₀ = 2,143 cfs

JOE W. JACOBS TRUST
647 N. 135TH ST. W.
WICHITA, KS 67235

ALBERT LAWRENCE &
WALTER M. TRUSTS
1337 N. ROBIN RD.
WICHITA, KS 67212-3284

FEMA
ZONE A
SFHA Boundary

LEAGUE, LELAND R. &
LINDA S.
13314 W. CENTRAL
WICHITA, KS 67235-9328



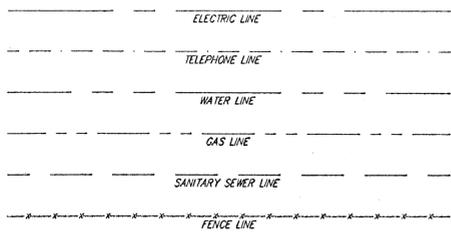
OWNER:
KENNETH W. & ROMANN ZEIGLER
13510 W. CENTRAL ST.
WICHITA, KS 67235-9331
PH. (316) 722-6197

LEGAL DESCRIPTION:
THE NORTH 280 FEET OF THE WEST 208.71 FEET OF THE NW 1/4 OF SEC. 24, TWP. 27-S, R-2-W OF THE 6TH P.M., SEDGWICK COUNTY, KANSAS TOGETHER WITH A TRACT DESCRIBED AS FOLLOWS: BEGINNING 208.71 FEET EAST OF THE NW CORNER OF SAID NW 1/4; THENCE SOUTH PARALLEL WITH THE WEST LINE OF SAID NW 1/4, 280 FEET; THENCE EAST PARALLEL WITH THE NORTH LINE OF SAID NW 1/4, 208.71 FEET; THENCE NORTH TO A POINT ON THE NORTH LINE OF SAID NW 1/4, 208.71 FEET EAST OF THE POINT OF BEGINNING; THENCE WEST TO POINT OF BEGINNING.

BENCHMARK:
CITY OF WICHITA BENCHMARK DISC.
NE CORNER OF INTERSECTION
32.60' N. OF E. CENTRAL EAST
24.50' E. OF E. 135TH ST. W.
ELEV. = 129.50 CITY DATUM
(1346.90 NGVD)

● = #4 REBAR W/ 'BAUGHMAN' CAP (SET)
⊗ = 3/4" IRON (FOUND)
○ = 1/2" IRON (FOUND)
○ = 1/2" IRON PIPE OVER STONE (FOUND)

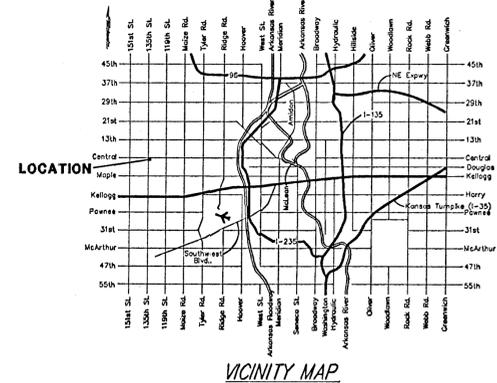
GM = GAS METER
GAF = GUY ANCHOR
HLP = HIGH LINE POLE
LPO = LIGHT POLE
MB = MAIL BOX
PP = POWER POLE
SD = SATELLITE DISH
SIGN = SIGN
WH = CASED WELL
YH = YARD HYDRANT



LOT	BLOCK	ELEVATION MSL
1	A	161.6

DRAINAGE NOTES:

- The soil type per Soil Survey of Sedgwick County is Eldorado & Vanoss silt loam. The hydrologic classification for these soils are a B.
- This parcel of land is not located in a Federal Emergency Management Agency (FEMA) Special Flood Hazard Area (SFHA) per FIRM Map 200321 125 & 200, Effective Date June 3, 1986. The North Property Line Does Lie Along a FEMA Zone A SFHA. The North Fork Calfskin Creek is Currently Being Studied and the Floodplain Delineation and Minimum Pad is Subject to Change.
- On-site detention shall be provided on this property. Sizing and location shall be determined at time of site development.



DRAINAGE AREA	EXISTING CONDITIONS	DEVELOPED CONDITIONS
	1.80 acres	1.80 acres
T _c	15 min.	15 min.
i - 2 yr	3.83 in/hr	3.83 in/hr
i - 5 yr	4.56 in/hr	4.56 in/hr
i - 100 yr	7.37 in/hr	7.37 in/hr
Q ₂ - 2 yr	0.33	0.84
Q ₂ - 5 yr	0.35	0.85
Q ₂ - 100 yr	0.91	0.91
Q ₅ - 2 yr	2.3 cfs	5.8 cfs
Q ₅ - 5 yr	2.9 cfs	7.0 cfs
Q ₅ - 100 yr	6.8 cfs	12 cfs

02 JANUARY 2002, big
17 DECEMBER 2001