

KEN-MAR 2ND ADDITION
 By JNS Date 9-19-94 Page 1 Of 1 BAUGHMAN COMPANY, P.A.

DRAINAGE AREA: 0.82 acres + 0.94 acres
 $C = 0.9$ for Post-Development $C = 0.85$ for Pre-Development
 $I_5 = 4.56$ in.
 $I_{100} = 7.37$ in.

- PRE-DEVELOPED Q's:

$$\begin{aligned} Q_5 &= \frac{\text{SOUTH}}{(4.56)(0.85)(0.82)} \\ &= 3.2 \text{ cfs} \\ Q_{100} &= \frac{\text{SOUTH}}{(7.37)(0.85)(0.82)} \\ &= 5.1 \text{ cfs} \end{aligned}$$

$$\begin{aligned} Q_5 &= \frac{\text{NORTH}}{(4.56)(0.9)(0.94)} \\ &= 3.9 \text{ cfs} \\ Q_{100} &= \frac{\text{NORTH}}{(7.37)(0.9)(0.94)} \\ &= 6.2 \text{ cfs} \end{aligned}$$

- POST-DEVELOPED Q's:

$$\begin{aligned} Q_5 &= \frac{\text{SOUTH}}{(4.56)(0.9)(0.82)} \\ &= 3.4 \text{ cfs} \\ Q_{100} &= \frac{\text{SOUTH}}{(7.37)(0.9)(0.82)} \\ &= 5.4 \text{ cfs} \end{aligned}$$

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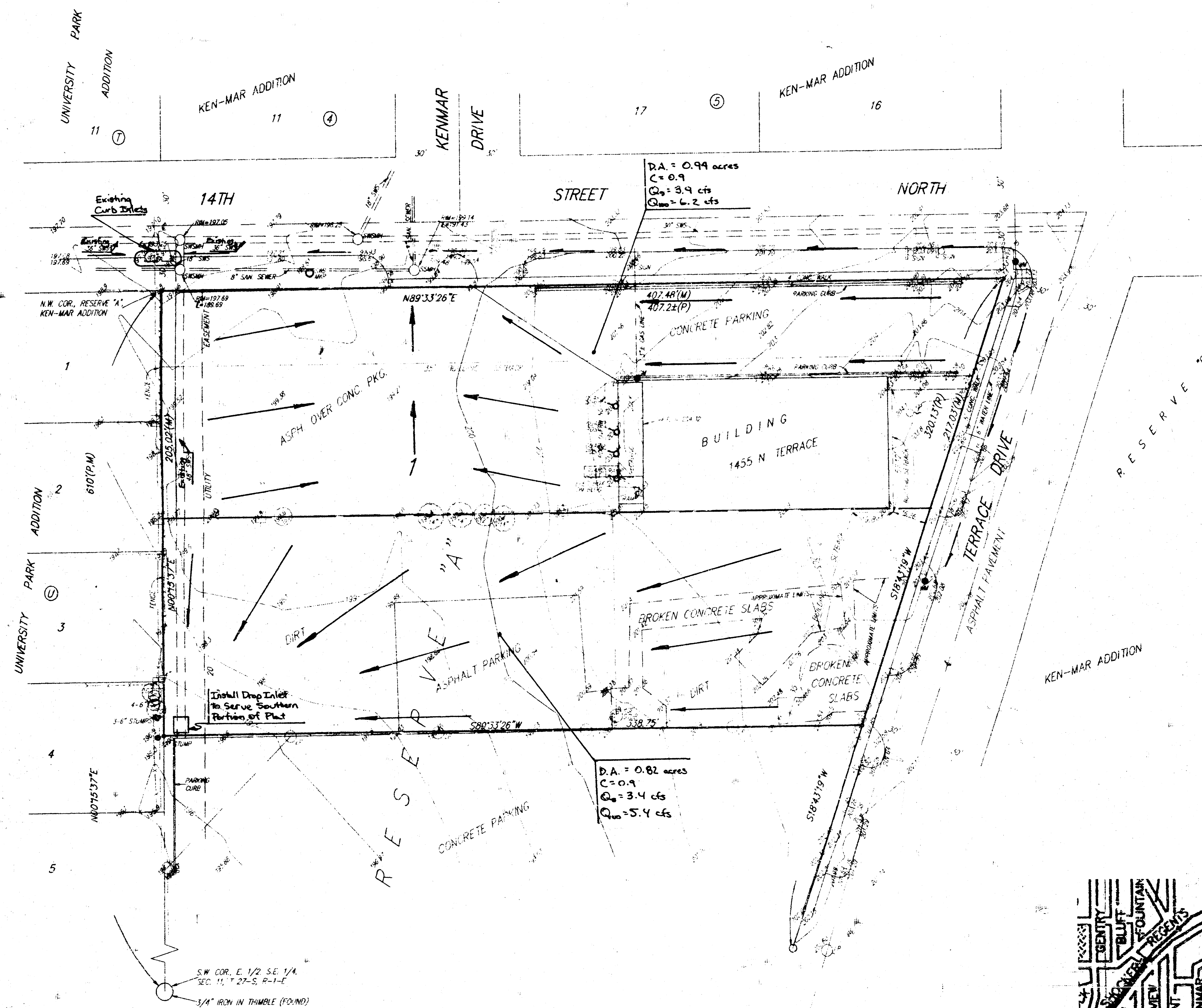
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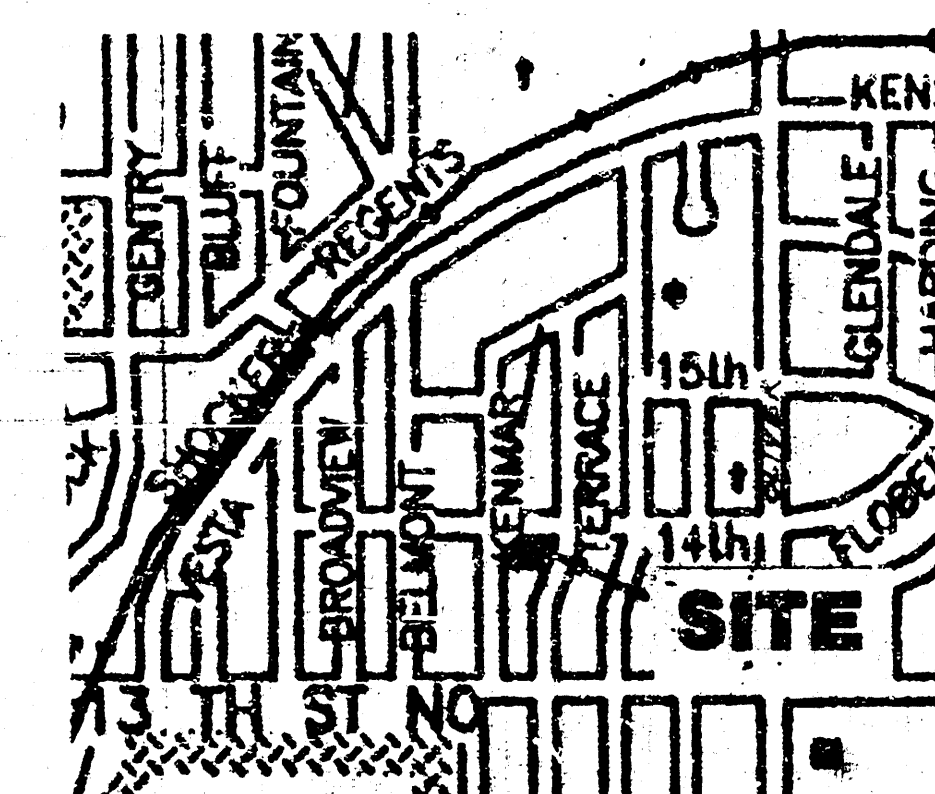
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SKETCH PLAT KEN-MAR 2ND ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

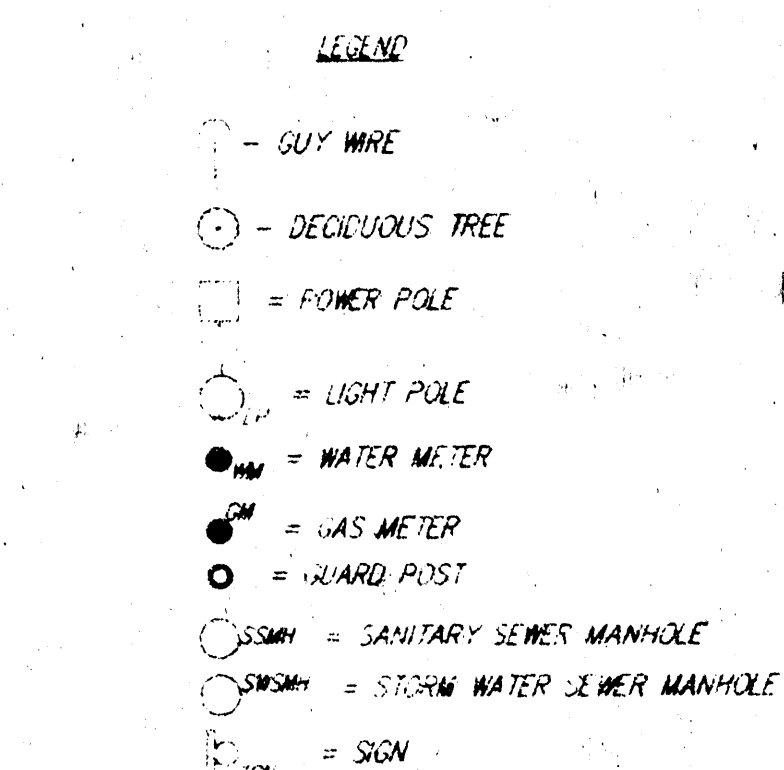
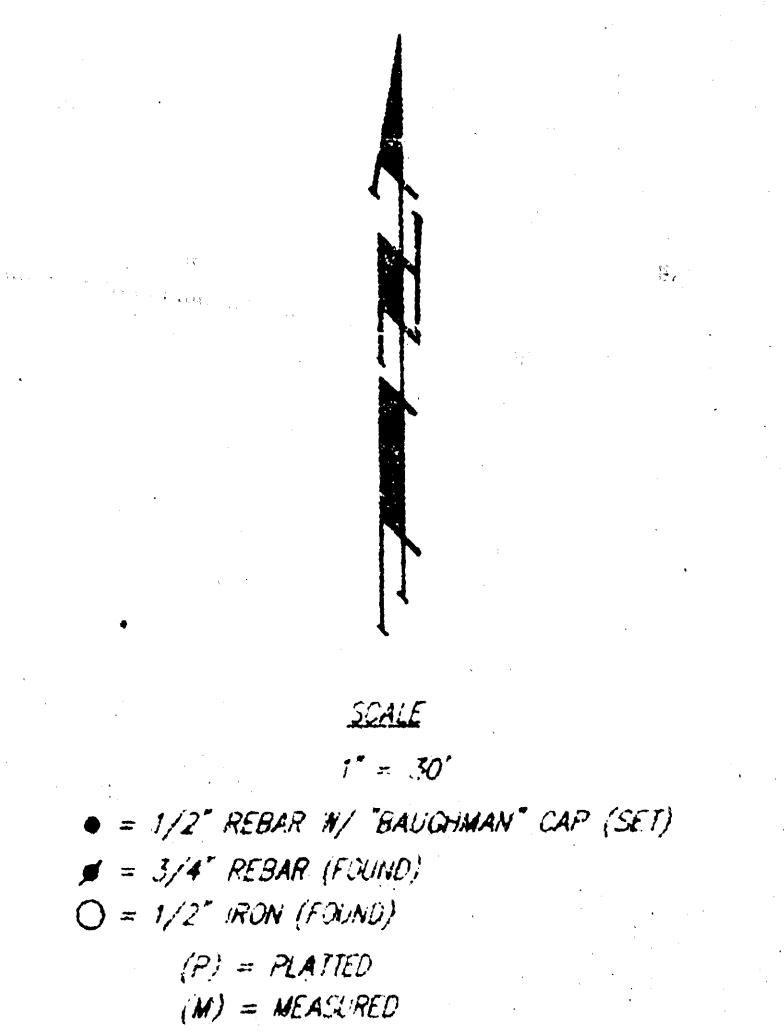


DRAINAGE PLAN

19 Sept 74



VICINITY MAP

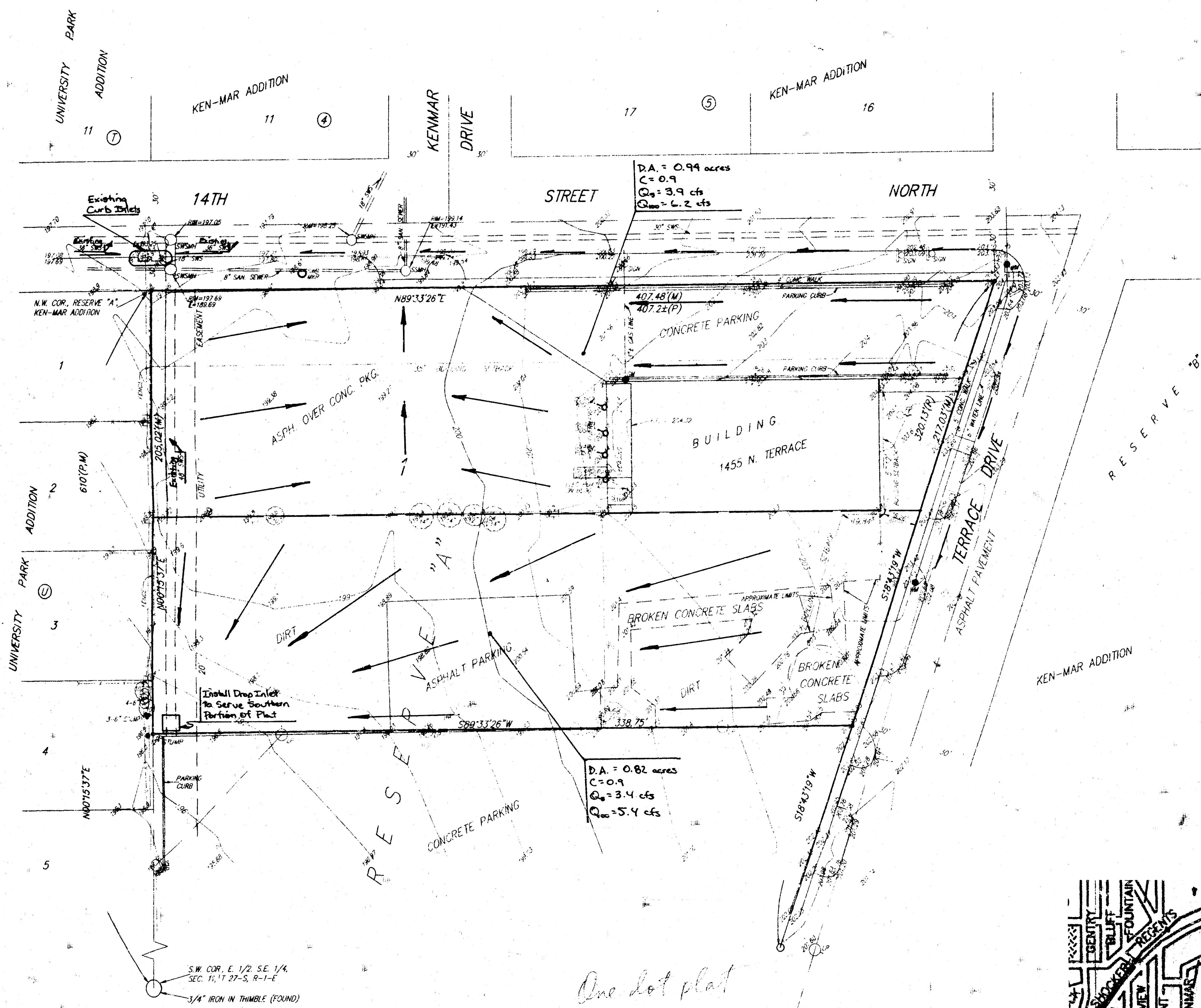


OWNER:
MICHAELIS REAL ESTATE #2, L.L.C.
W. A. MICHAELIS, JR., PRESIDENT
211 N. BROADWAY
WICHITA, KS 67202
PH: 316-264-8394

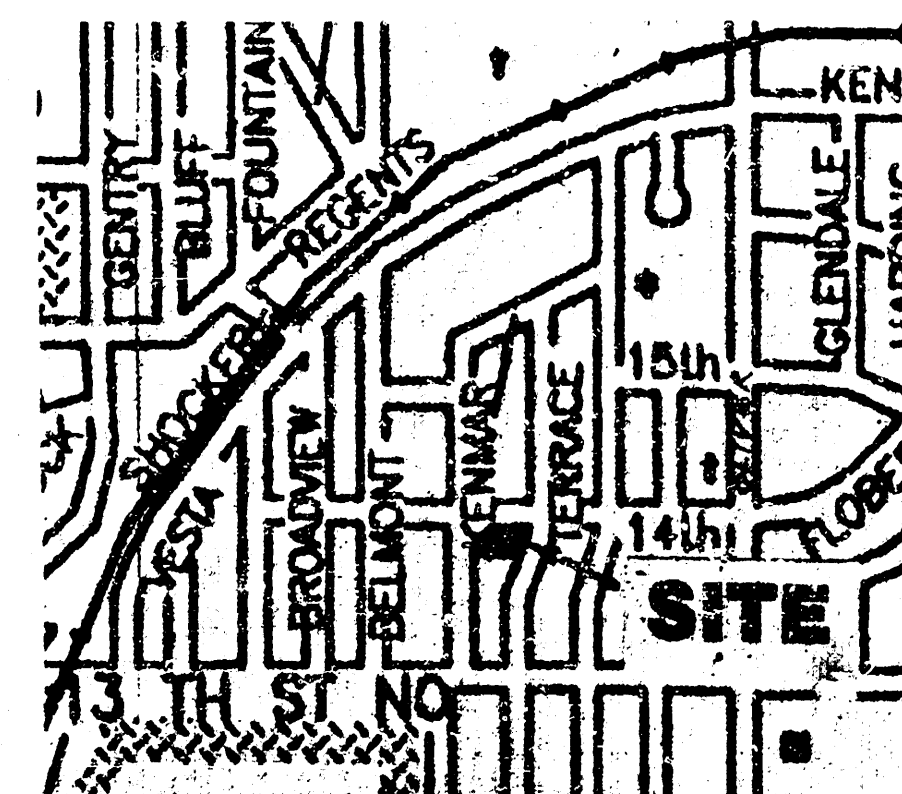
LEGAL DESCRIPTION:
THE NORTH 205 FEET OF RESERVE "A",
KEN-MAR ADDITION TO WICHITA, KANSAS.

BENCH MARK:
TEMPORARY BENCHMARK, N.E. CORNER OF
THE INTERSECTION, OLIVER & 13TH ST. NO.
"C" CUT N.W. COR. OF CONC. BASE OF
TRAFFIC LIGHT POLE.
ELEV. = 208.45

WICHITA, SEDGWICK COUNTY, KANSAS



DRAINAGE PLAN



VICINITY MAP

- = 1/2" REBAR W/ "BAUGHMAN" CAP (SET)
- ★ = 3/4" REBAR (FOUND)
- = 1/2" IRON (FOUND)

(F) = PLATTED
(M) = MEASURED

LEGEND

- - GUY WIRE
- - DECIDUOUS TREE
- = POWER POLE
- = LIGHT POLE
- MM = WATER METER
- CM = GAS METER
- = GUARD POST
- SMH = SANITARY SEWER MANHOLE
- SWH = STORM WATER EXTER MANHOLE
- = SUN

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