

DRAINAGE PLAN MIKKI ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

PROPOSED BASIN 'LOT 1' DATA

Drainage Area = 1.01 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.33$
 $C_{100} = 0.51$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 1.3$ cfs
 $Q_{100} = 3.8$ cfs

PROPOSED BASIN 'LOT 3' DATA

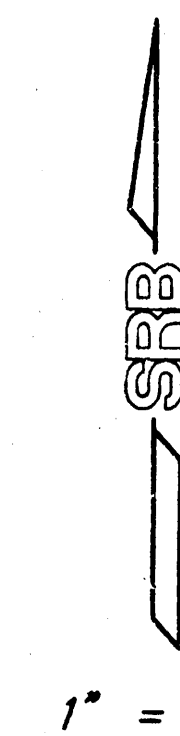
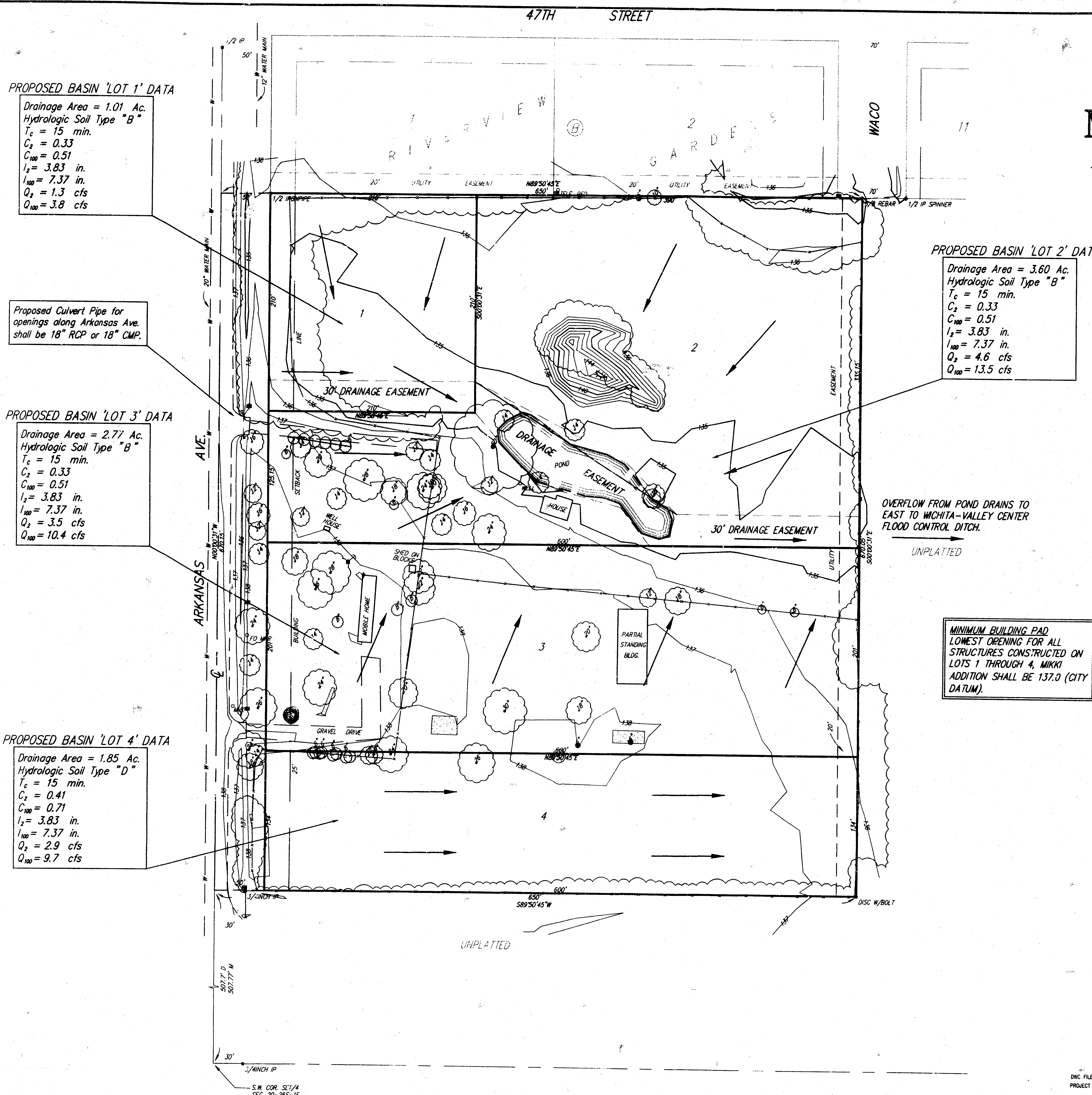
Drainage Area = 2.77 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.33$
 $C_{100} = 0.51$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 3.5$ cfs
 $Q_{100} = 10.4$ cfs

PROPOSED BASIN 'LOT 4' DATA

Drainage Area = 1.85 Ac.
Hydrologic Soil Type "D"
 $T_c = 15$ min.
 $C_2 = 0.41$
 $C_{100} = 0.71$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 2.9$ cfs
 $Q_{100} = 9.7$ cfs

PROPOSED BASIN 'LOT 2' DATA

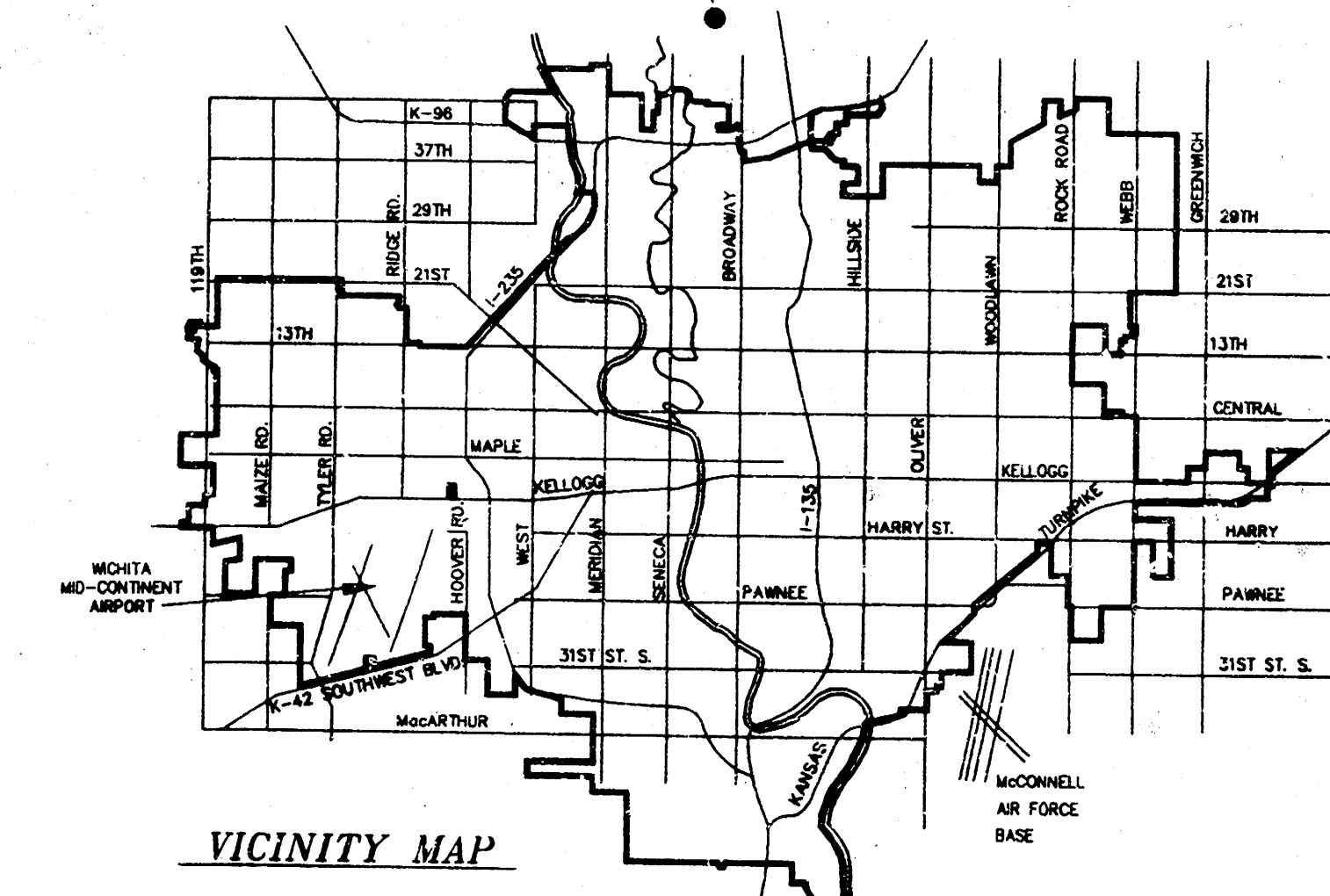
Drainage Area = 3.60 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.33$
 $C_{100} = 0.51$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 4.6$ cfs
 $Q_{100} = 13.5$ cfs



BENCH MARK: CITY OF WICHITA
BENCH MARK S.W. COR. OF
INTERSECTION OF ARKANSAS & 46TH
ST. N. 31.7' N. & 36.5' W. OF
CENTERLINE OF BOTH STAMPED DLK
8-94 ELEV. = 136.9 (CITY DATUM)

MINIMUM BUILDING PAD
LOWEST OPENING FOR ALL
STRUCTURES CONSTRUCTED ON
LOTS 1 THROUGH 4, MIKKI
ADDITION SHALL BE 137.0 (CITY
DATUM).

MIKKI ADDITION
PROJECT SITE



VICINITY MAP

SRB

924 NORTH MAIN
WICHITA, KANSAS 67203
316-264-8008
FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

Apr. 8, 1999