

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 Culvert Pipe for openings along Arkansas Ave. shall be 18" RCP or 18" CMP.

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

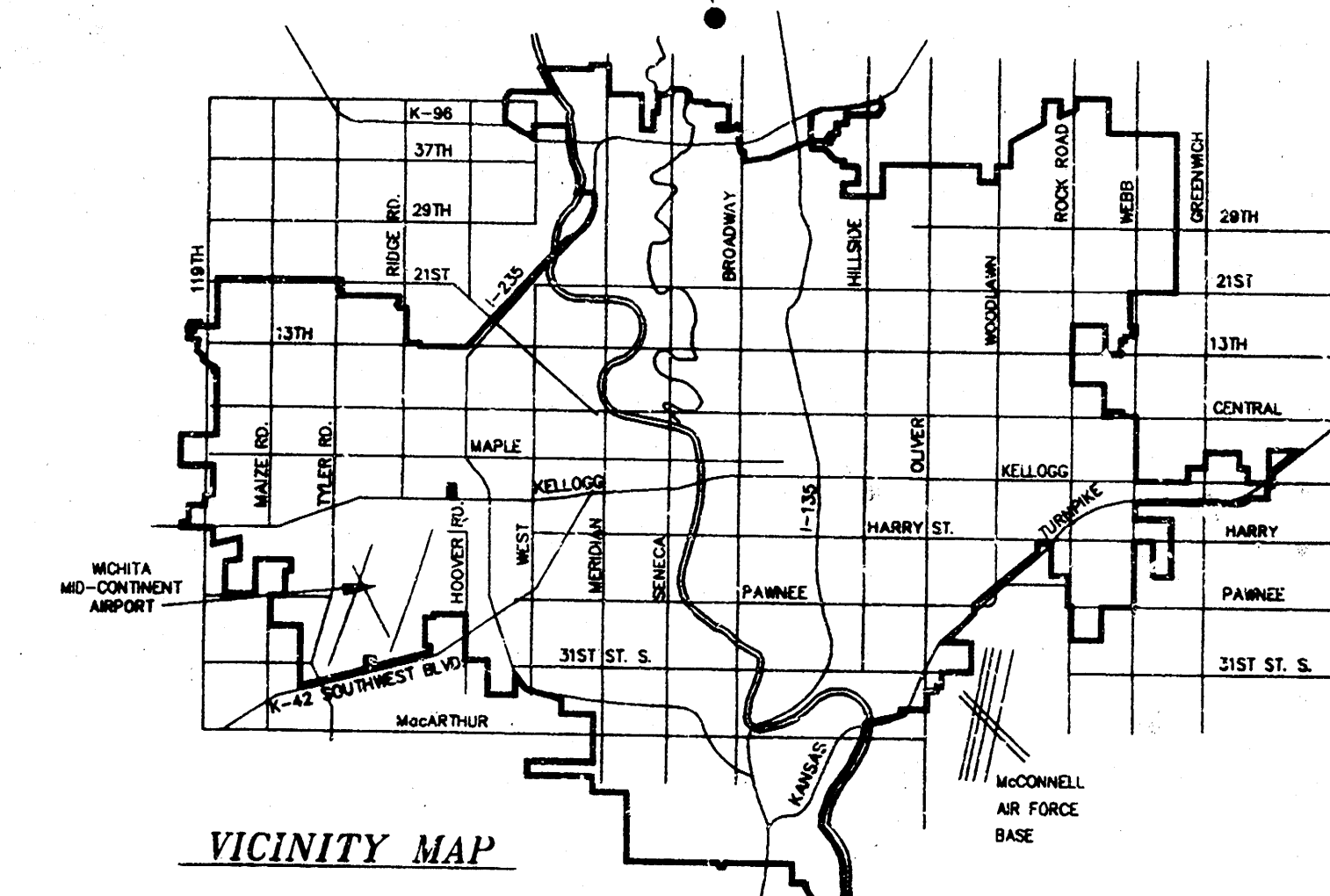
OVERFLOW FROM POND DRAINS TO EAST TO WICHITA-VALLEY CENTER FLOOD CONTROL DITCH.

UNPLATTED

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

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 STAMPEDED DLK 8-94 ELEV. = 136.9 (CITY DATUM)

MIKKI ADDITION
PROJECT SITE



VICINITY MAP

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008
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