

DRAINAGE/LOT GRADING PLAN IVY CHRISTINE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

The south half of the east 5 acres of the west 15 acres of the NW1/4 of the NE1/4 of Sec. 27, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County Kansas, except the south 170 feet thereof.

Drainage Area = 0.11 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.52$
 $C_{100} = 0.67$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 0.2$ cfs
 $Q_{100} = 0.6$ cfs

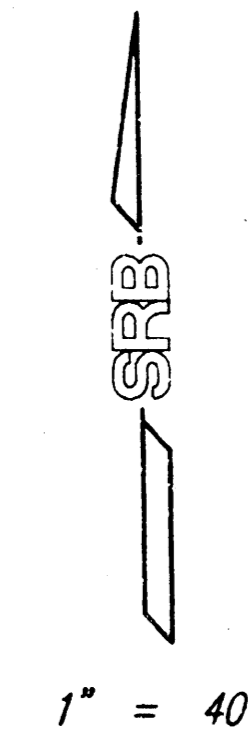
Drainage Area = 0.22 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.52$
 $C_{100} = 0.67$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 0.5$ cfs
 $Q_{100} = 1.1$ cfs

Drainage Area = 0.48 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.44$
 $C_{100} = 0.61$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 0.8$ cfs
 $Q_{100} = 2.2$ cfs

Drainage Area = 0.82 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.44$
 $C_{100} = 0.61$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 1.4$ cfs
 $Q_{100} = 3.7$ cfs

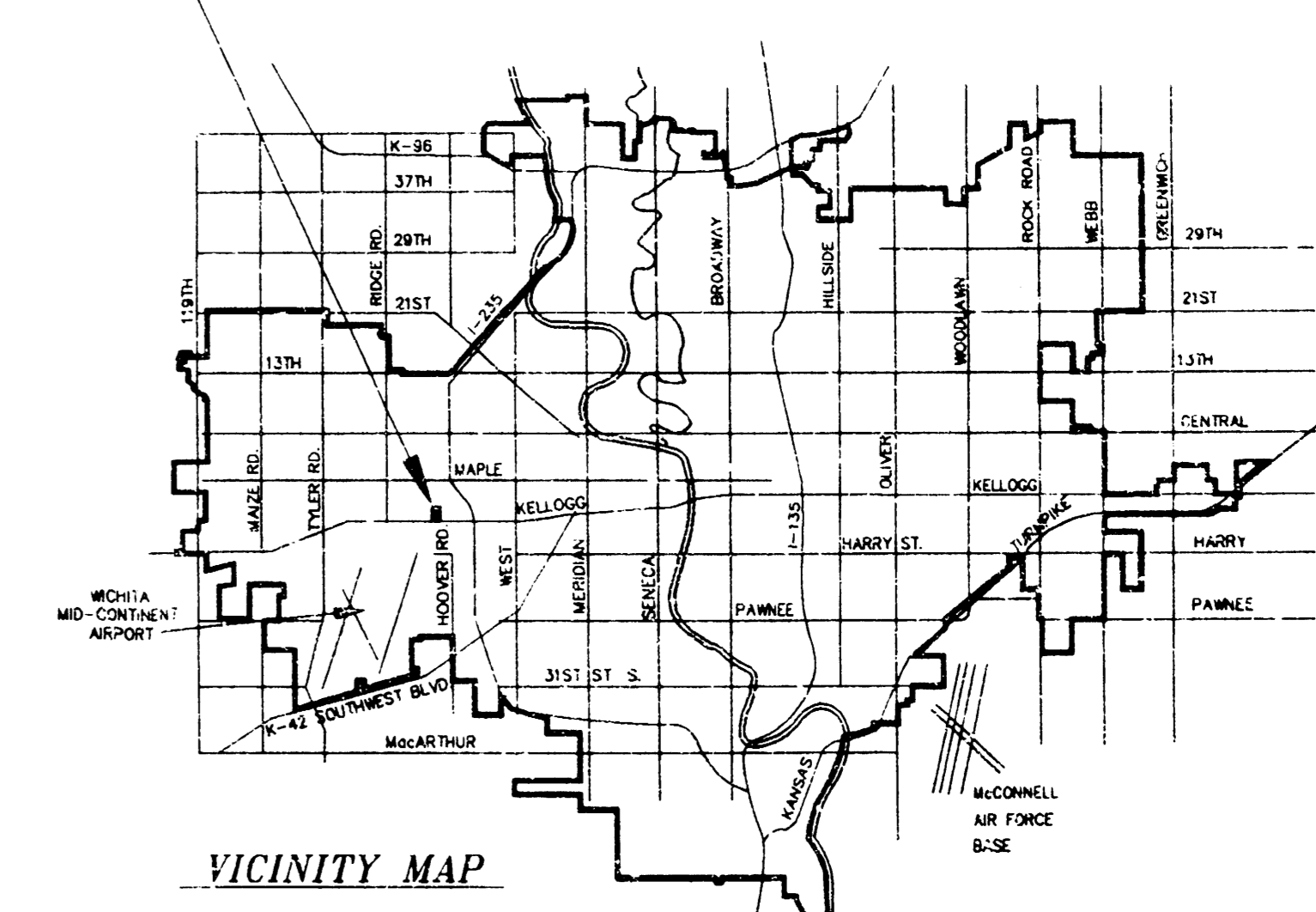
Drainage Area = 0.48 Ac.
Hydrologic Soil Type "B"
 $T_c = 15$ min.
 $C_2 = 0.44$
 $C_{100} = 0.61$
 $I_2 = 3.83$ in.
 $I_{100} = 7.37$ in.
 $Q_2 = 0.8$ cfs
 $Q_{100} = 2.2$ cfs

STORM WATER SEWER FOR THIS PLAT MUST BE CONSTRUCTED BEFORE OR IN CONJUNCTION WITH THE STORM WATER SEWER TO SERVE "KING'S COURT ADDITION".



BENCH MARK:
RAILROAD SPIKE IN POWER POLE
15.8' S. OF S.W. COR. LOT 12, MAPLE LANE ADD.
ELEV. = 121.85 (CITY OF WICHITA DATUM)

IVY CHRISTINE 2ND ADDITION
PROJECT SITE



VICINITY MAP

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

LAND FILE: Drainage Plan.dwg
PROJECT NO.: 4640123P

Dec. 28, 1998