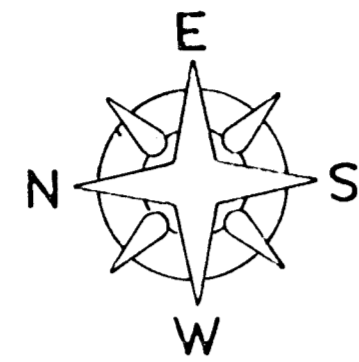
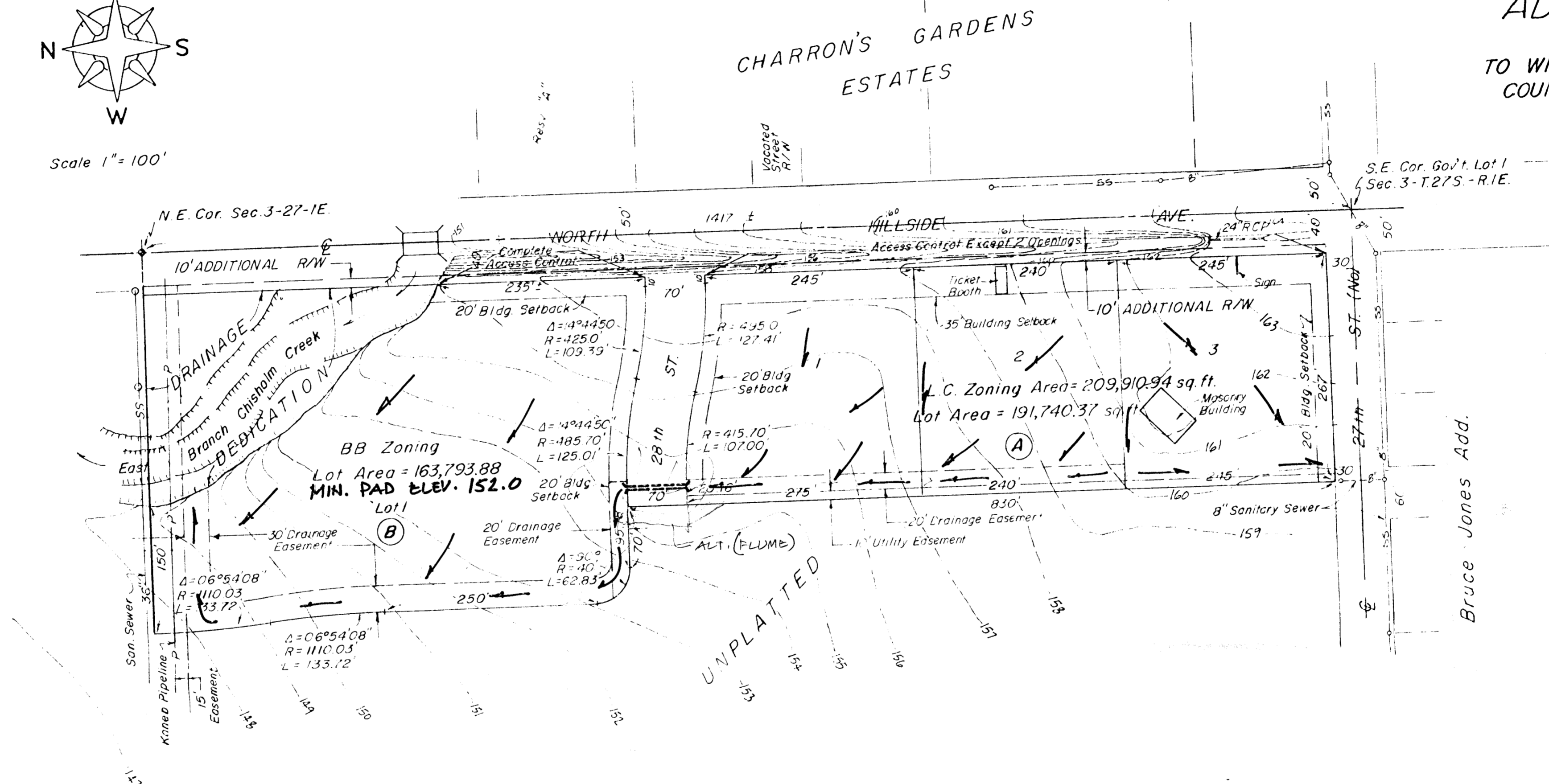


LOT GRADING PLAN
 PRELIMINARY PLAT
 OF
**TERRACE PARK
 ADDITION**
 TO WICHITA, SEDGWICK
 COUNTY, KANSAS



Scale 1" = 100'

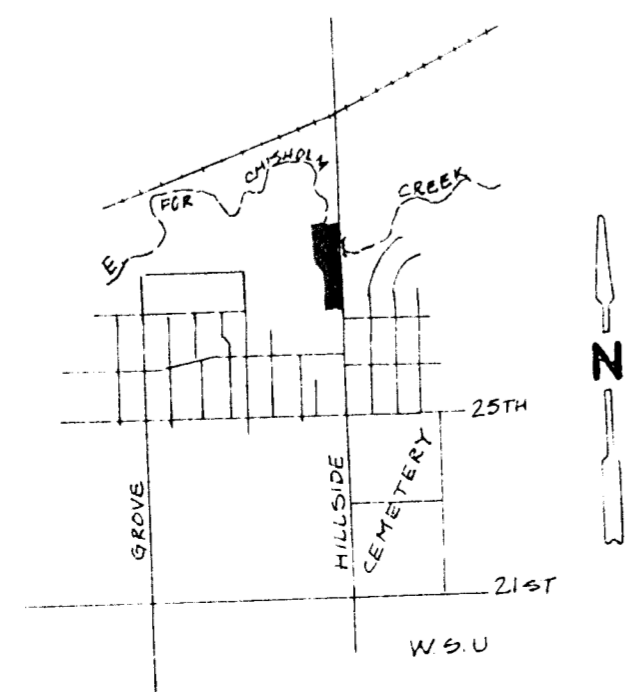


DRAINAGE AREA
 (BLOCK A) = 4.4 AC.
 ASSUME $T_c = 15$ MIN.
 $I_{100} = 6.9$ "/HR.
 $C(\text{DEVELOPED}) = 0.6$?
 $Q_{100} = 0.6(6.9)(4.4) = 18.2$ CFS

DRAINAGE AREA
 (TOTAL) = 8.6 AC.
 ASSUME $T_c = 15$ MIN.
 $I_{100} = 6.9$ "/HR.
 $C(\text{DEVELOPED}) = 0.6$?
 $Q_{100} = 35.6$ CFS

Legal Description

Beginning at a point 40.0' West and 20.0' North of the SE Corner of Government Lot 1 in Sec. 3, T27S, R1E of the 6th P.M., Sedgwick County, Kansas; thence West 277.0' to a point 1000.0' East of the West line of said Government Lot 1; thence North 830.0'; thence West 70.0' to the P.C. of a curve to the Right having a radius of 40.0'; thence along said curve and through a central angle of 90°00', a distance of 62.83' to the P.T. of said curve; thence North 250.0' to the P.C. of a curve to the Left having a radius of 1110.03'; thence along said curve and through a central angle of 06°54'08", a distance of 133.72' to the P.T. of said curve and the P.C. of a curve to the Right having a radius of 1110.03'; thence along said curve and through a central angle of 06°54'08", a distance of 133.72' to the P.T. of said curve; thence East perpendicular to the tangent line of the last described curve, a distance of 405.0' more or less to a point 40.0' West of the N.E. Cor. of said Sec. 3; thence South parallel with the East line of said Sec. 3, a distance of 1387.4', more or less, to the point of Beginning



VICINITY MAP

Prelim. June 10

**MOHRING & ASSOCIATES
 CONSULTING ENGINEERS**

5-28-82
 Revised 6-1-82

GRADING 6-1-82