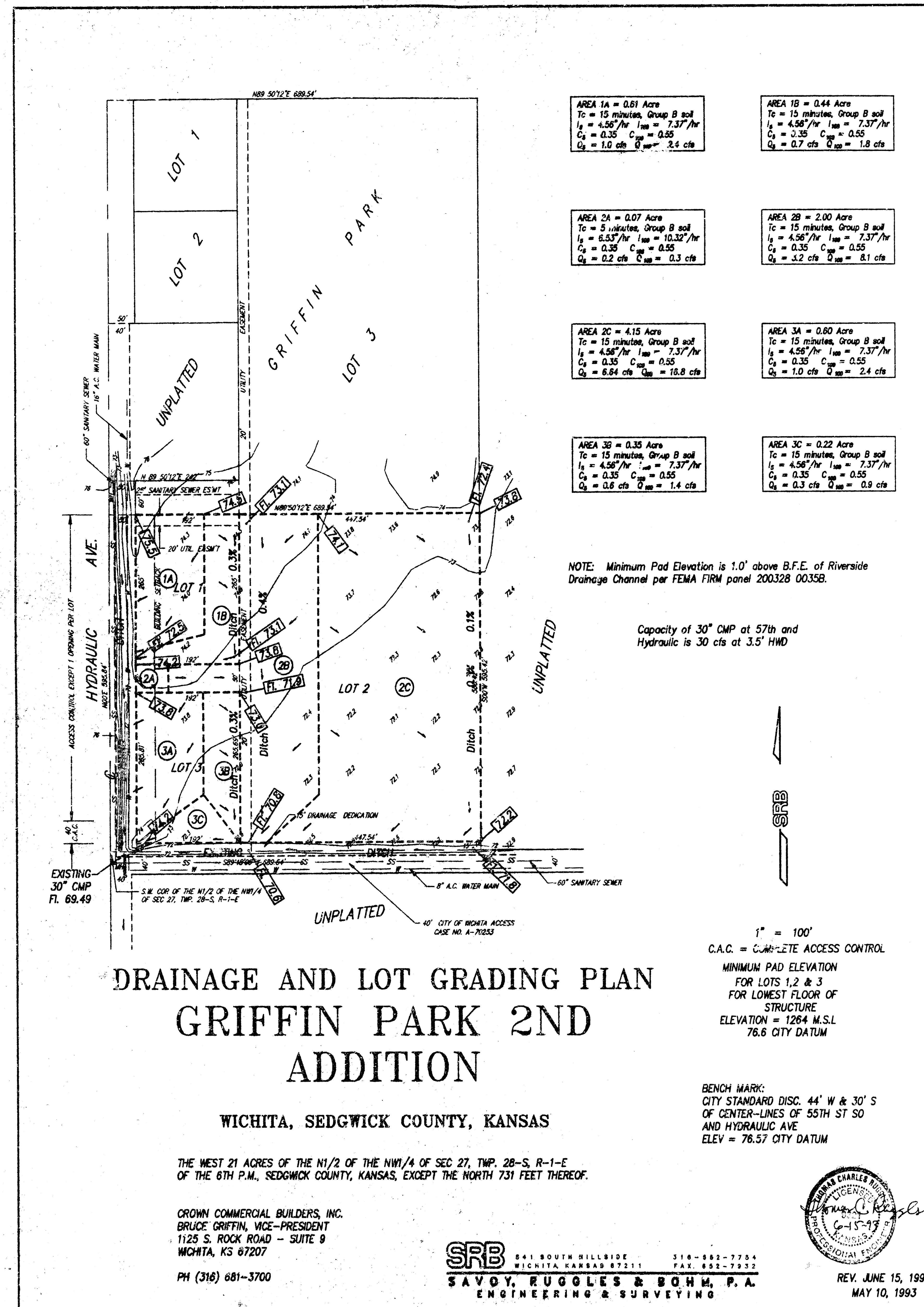
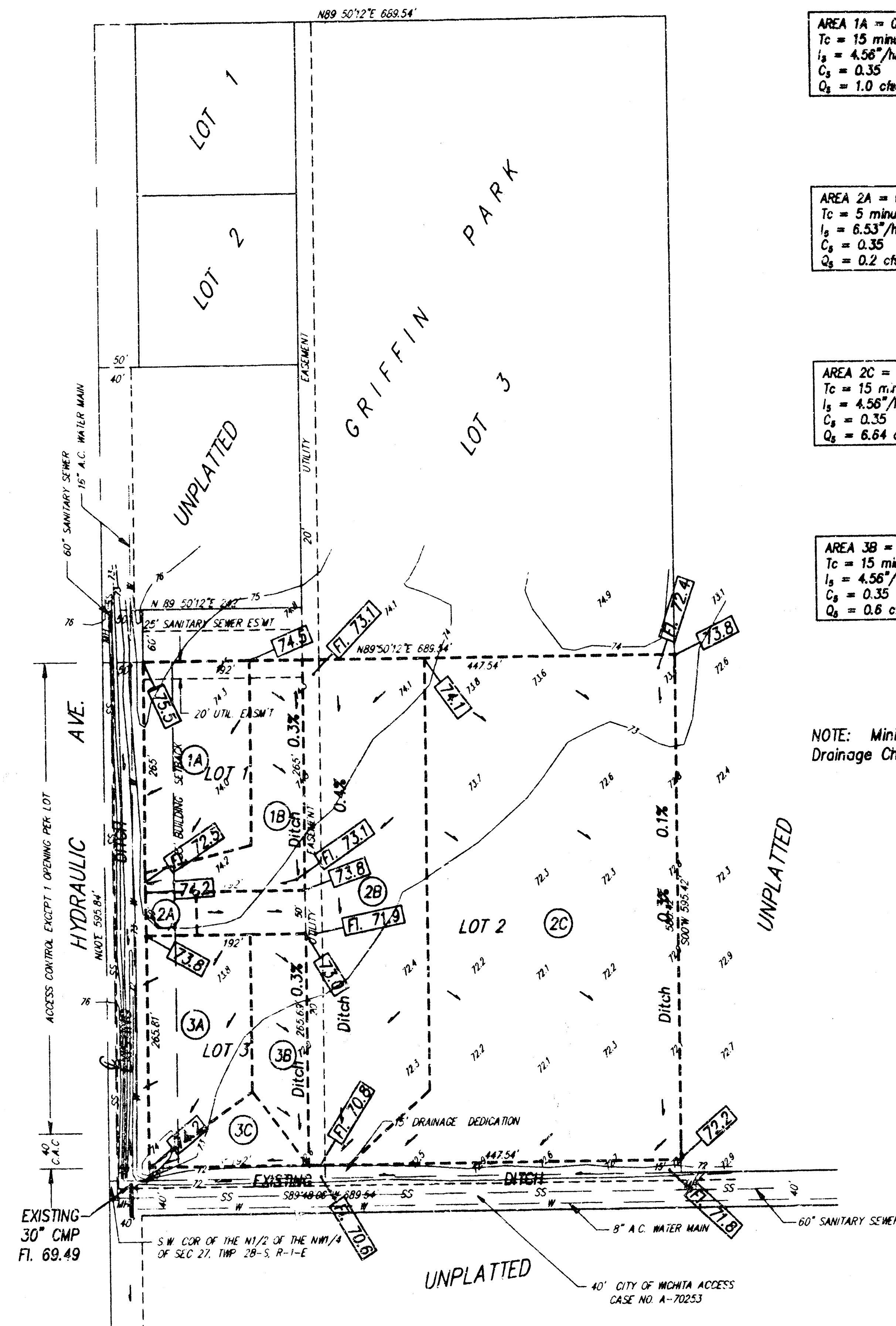






AREA 1A = 0.51 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 1.0$ cfs $Q_{100} = 2.4$ cfs

AREA 1B = 0.44 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 0.7$ cfs $Q_{100} = 1.8$ cfs

AREA 2A = 0.07 Acre
 $T_c = 5$ minutes, Group B soil
 $I_p = 6.53"/hr$ $I_{100} = 10.32"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 0.2$ cfs $Q_{100} = 0.3$ cfs

AREA 2B = 2.00 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 3.2$ cfs $Q_{100} = 8.1$ cfs

AREA 2C = 4.15 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 6.64$ cfs $Q_{100} = 16.8$ cfs

AREA 3A = 0.60 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 1.0$ cfs $Q_{100} = 2.4$ cfs

AREA 3B = 0.35 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 0.6$ cfs $Q_{100} = 1.4$ cfs

AREA 3C = 0.22 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 0.3$ cfs $Q_{100} = 0.9$ cfs

NOTE: Minimum Pad Elevation is 1.0' above B.F.E. of Riverside Drainage Channel per FEMA FIRM panel 200328 0035B.

Capacity of 30" CMP at 57th and Hydraulic is 30 cfs at 3.5' HWD

DRAINAGE AND LOT GRADING PLAN GRIFFIN PARK 2ND ADDITION

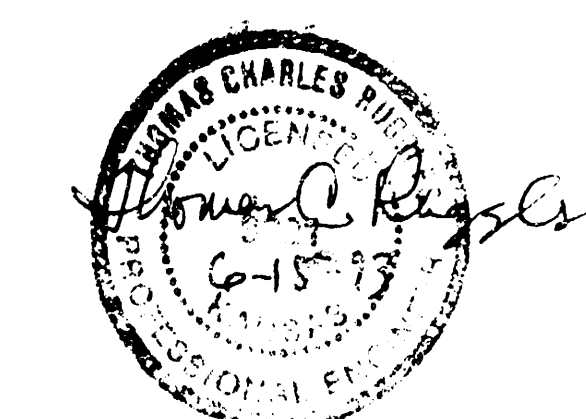
WICHITA, SEDGWICK COUNTY, KANSAS

THE WEST 21 ACRES OF THE N1/2 OF THE NW1/4 OF SEC 27, TWP. 28-S, R-1-E OF THE 6TH P.M., SEDGWICK COUNTY, KANSAS, EXCEPT THE NORTH 731 FEET THEREOF.

CROWN COMMERCIAL BUILDERS, INC.
 BRUCE GRIFFIN, VICE-PRESIDENT
 1125 S. ROCK ROAD - SUITE 9
 WICHITA, KS 67207

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 316-652-7754 FAX 316-652-7932
SAVOY, RUGGLES & BOHM, P. A.
 ENGINEERING & SURVEYING



REV. JUNE 15, 1993
 MAY 10, 1993

