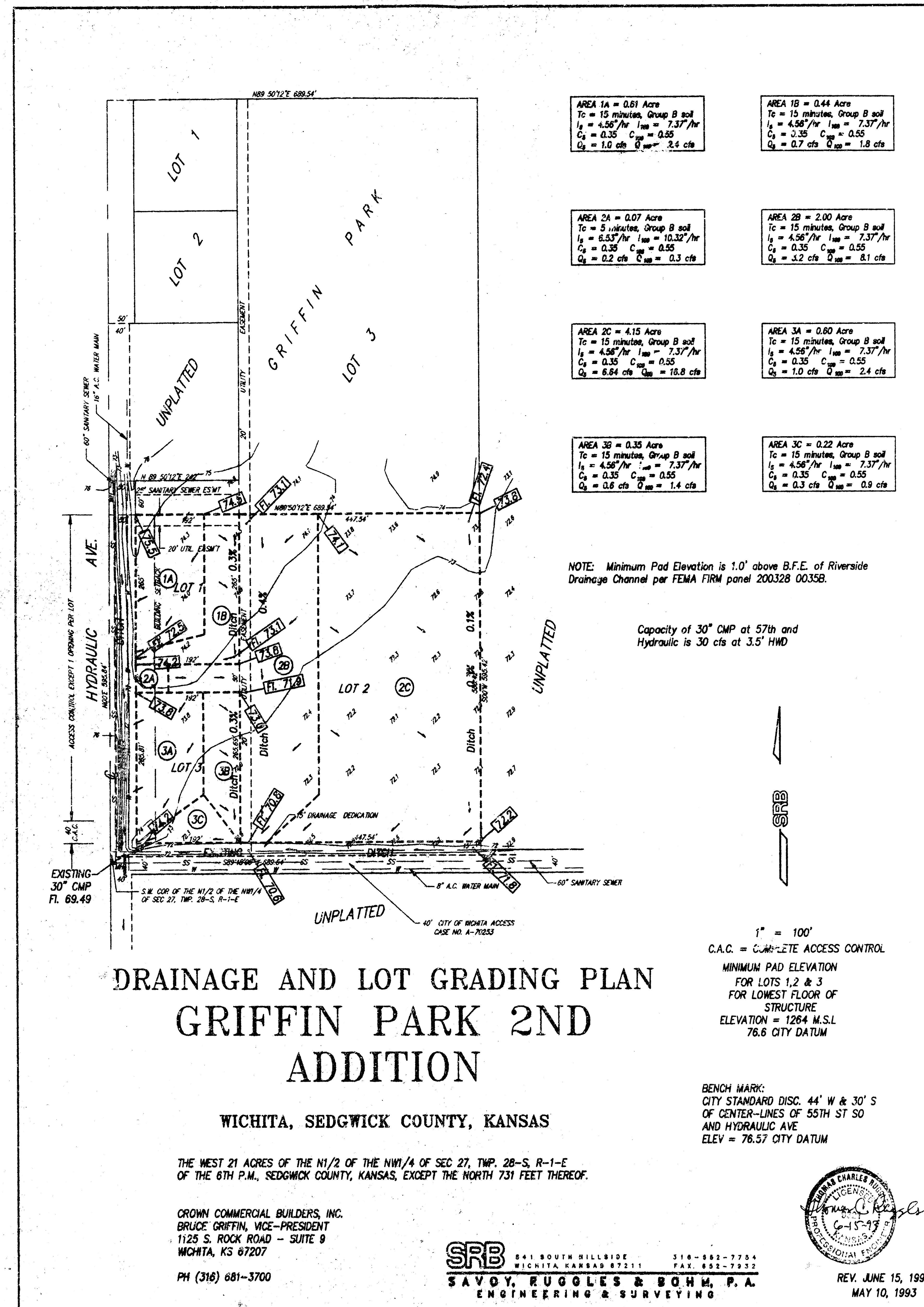
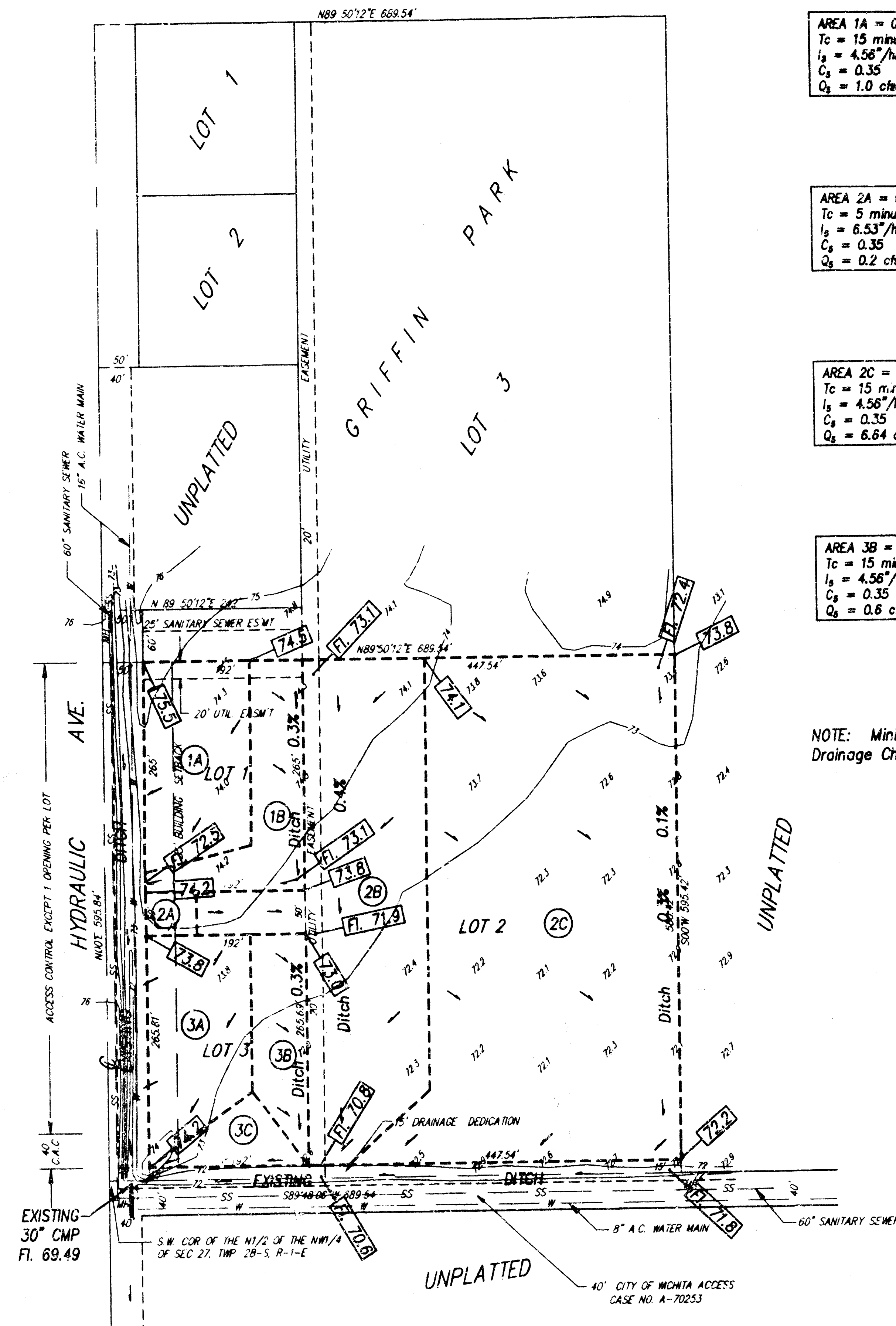






AREA 1A = 0.51 Acre
 $T_c = 15$ minutes, Group B soil
 $I_p = 4.56"/hr$ $I_{100} = 7.37"/hr$
 $C_p = 0.35$ $C_{100} = 0.55$
 $Q_p = 1.0$ cfs $Q_{100} = 2.4$ cfs

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.

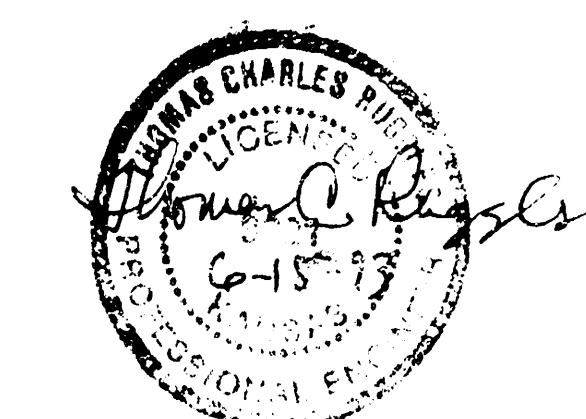
CROWN COMMERCIAL BUILDERS, INC.
 BRUCE GRIFFIN, VICE-PRESIDENT
 1125 S. ROCK ROAD - SUITE 9
 WICHITA, KS 67207

PH (316) 681-3700

SRB 541 SOUTH HILLSIDE WICHITA, KANSAS 67211
 316-652-7754 FAX 316-652-7932
SAVOY, RUGGLES & BOHM, P. A.
 ENGINEERING & SURVEYING

1" = 100'
 C.A.C. = COMPLETE ACCESS CONTROL
 MINIMUM PAD ELEVATION
 FOR LOTS 1, 2 & 3
 FOR LOWEST FLOOR OF
 STRUCTURE
 ELEVATION = 1264 M.S.L.
 76.6 CITY DATUM

BENCH MARK:
 CITY STANDARD DISC. 44' W & 30' S
 OF CENTER-LINES OF 55TH ST SO
 AND HYDRAULIC AVE
 ELEV = 76.57 CITY DATUM



REV. JUNE 15, 1993
 MAY 10, 1993

