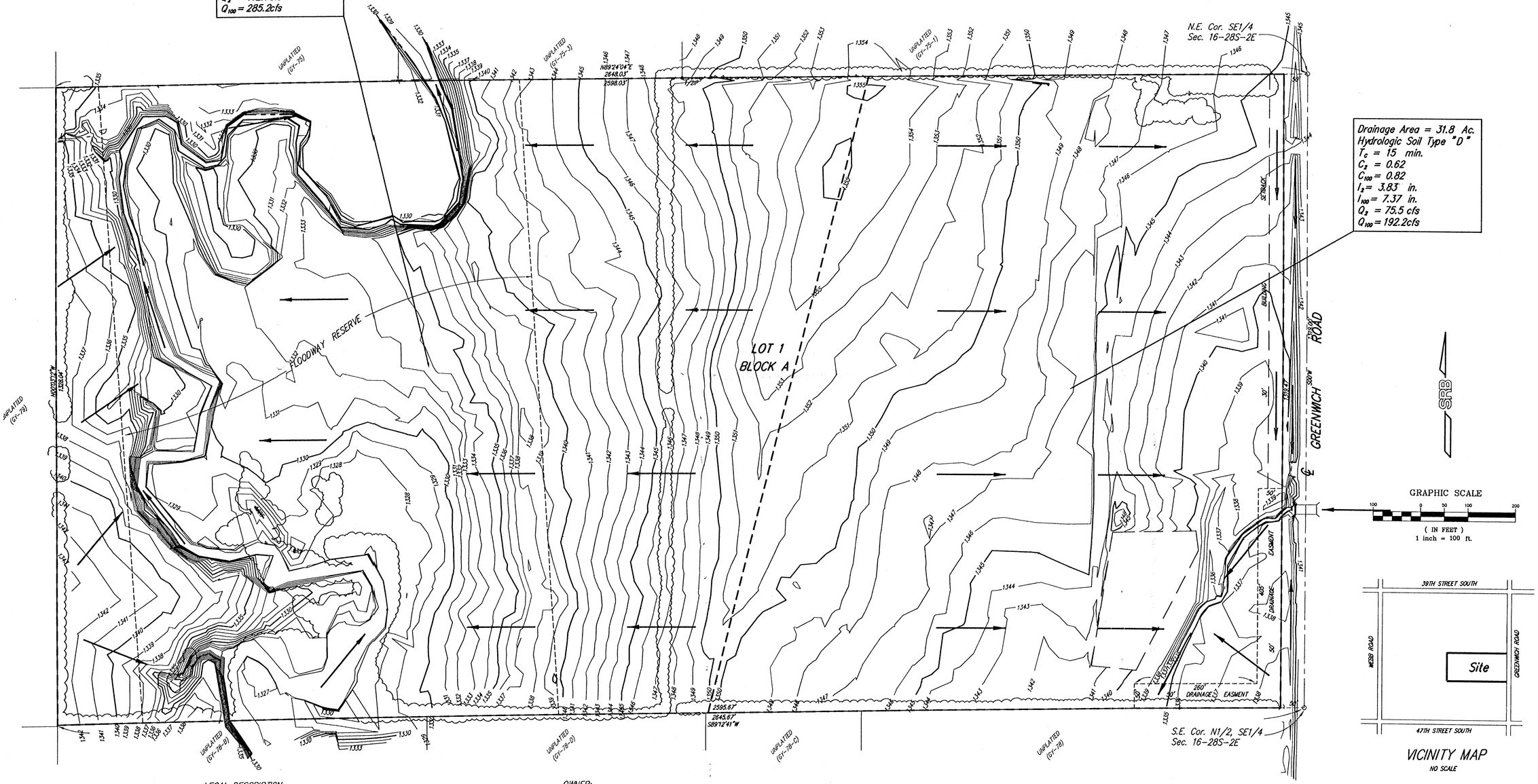
DRAINAGE CONCEPT

STONEGATE PARK

AN ADDITION TO
SEDGWICK COUNTY, KANSAS

Drainage Area = 47.2 Ac.
Hydrologic Soil Type "D"
T_c = 15 min.
C_2 = 0.62
C_{100} = 0.82
I_2 = 3.83 in.
I_{100} = 7.37 in.
Q_2 = 112.1 cfs
Q_{100} = 285.2 cfs

Drainage Area = 31.8 Ac.
Hydrologic Soil Type "D"
T_c = 15 min.
C_2 = 0.62
C_{100} = 0.82
I_2 = 3.83 in.
I_{100} = 7.37 in.
Q_2 = 75.5 cfs
Q_{100} = 192.2 cfs



LEGAL DESCRIPTION:

The N1/2 of the SE1/4 of Sec. 16, TWP. 28-S, R2E of the 6th P.M., Sedgwick County, Kansas.

Gross Size: 3,503,338.23 SQ. FT. OR 80.43 ACRES
Net Size: 3,437,368.84 SQ. FT. OR 78.91 ACRES

OWNER:
NIES REAL ESTATE LLC.
9415 E. HARRY
WICHITA, KANSAS 67207
(316) 684-0161

Benchmark: Squore cut top of headwall @ N.W. Cor. of RCBC 22.6' W. and 898.6' S. of the NE Cor., SE1/4, Sec. 16, TWP. 28-S, R2E, Sedgwick County, Kansas. Elevation= 1341.98 MSL

DWG FILE: Drainage Plan.dwg
PROJECT NO.: 99L01232P

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

Jan. 14, 2000