

LEGEND:

- ▲ = Section Corner Found
- = PK in Fence Post Found
- = Iron Pipe Found
- = #5 Rebar Found
- ◇ = Street Sign
- ⊕ = Fire Hydrant
- ⊖ = Water Valve
- (C) = Calculated
- (M) = Measured

Bearing Basis Assumed
 Contour Interval = One Foot
 File #2001041

Date of Topography : March 22, 2001
 Date of Preparation : April 9, 2001
 = Proposed Drainage Flow

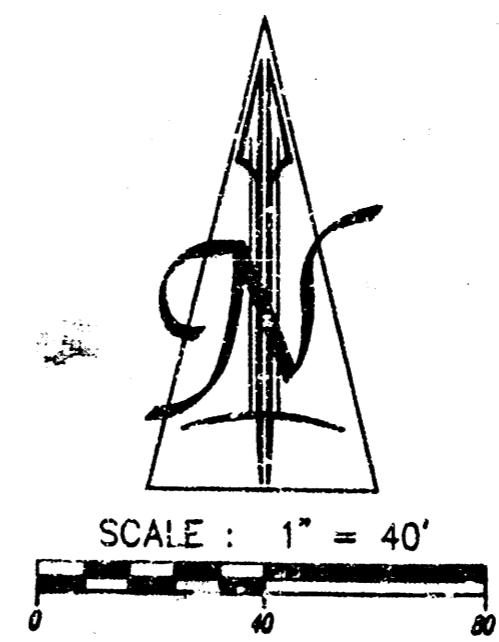
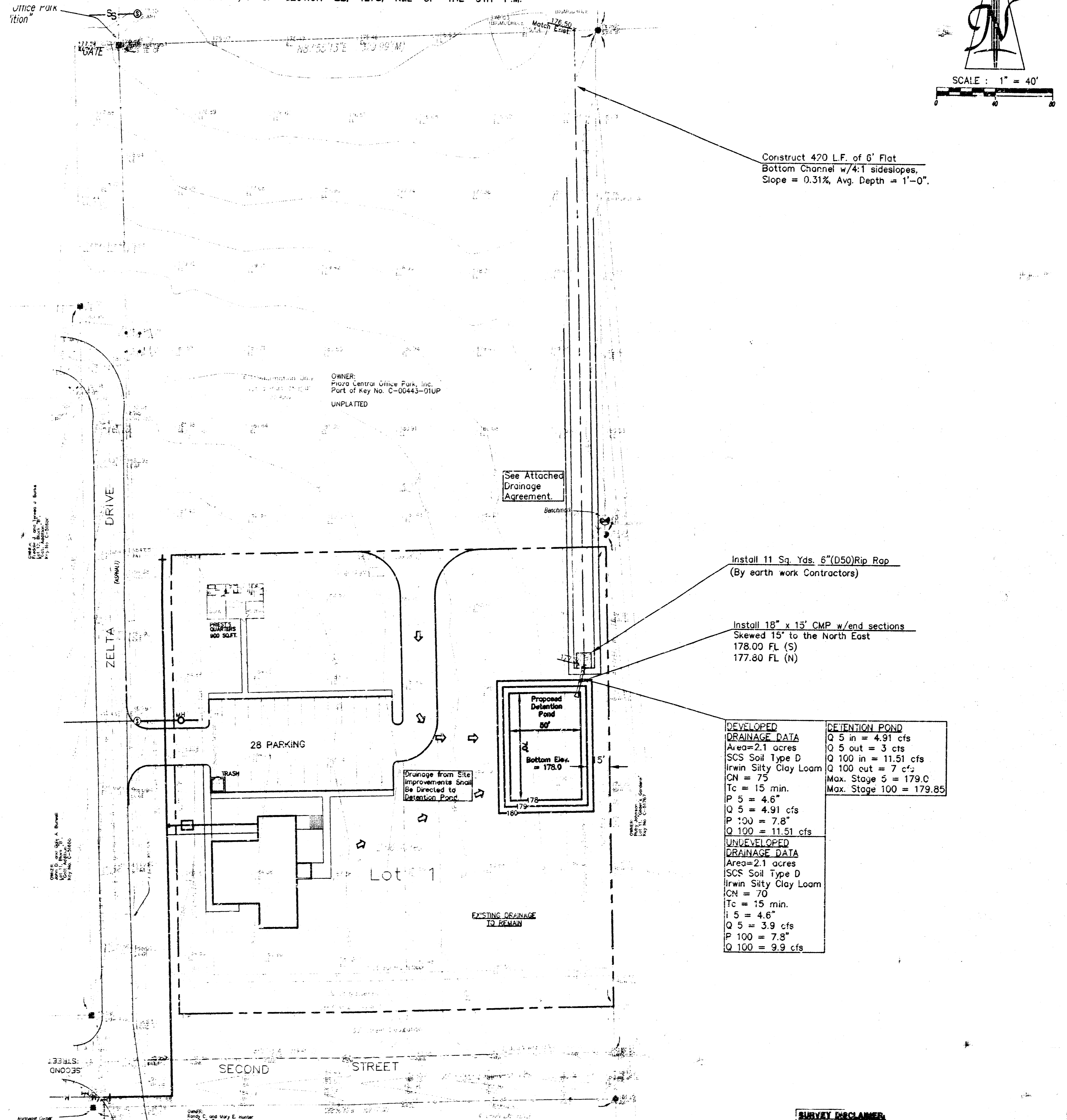
EXISTING ZONING:
 "SF-6" For Subject Property and Surrounding Properties (Single Family)

BENCH MARK:
 60D Step in North Brace Post, Near Southwest Corner of Lot 9, "Gilder's Gardens" Elevation 180.68 City Datum

There are no buildings on subject property.

OWNER/SUBDIVIDER:
 Plaza Central Office Park, Inc.
 6100 E. Central Ave., Suite 215
 Wichita, Kansas 67208-4237
 (316) 265-2555

**DRAINAGE PLAN OF
 'HINDU TEMPLE ADDITION'**
 WICHITA, SEDGWICK COUNTY, KANSAS
 IN THE NW 1/4 OF SECTION 22, T27S, R2E OF THE 6TH P.M.



Construct 470 L.F. of 6" Flat
 Bottom Channel w/4:1 sideslopes.
 Slope = 0.31%, Avg. Depth = 1'-0".

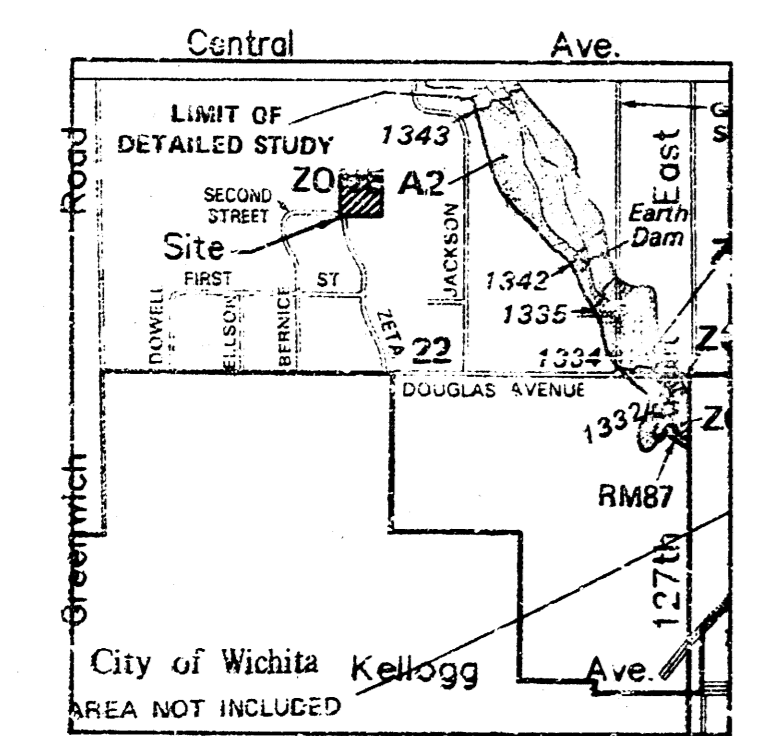
Install 11 Sq. Yds. 6"(D50)Rip Rap
 (By earth work Contractors)

Install 18" x 15' CMP w/end sections
 Skewed 15° to the North East
 178.00 FL (S)
 177.80 FL (N)

DEVELOPED DRAINAGE DATA	RETENTION POND
Area=2.1 acres	Q 5 in = 4.91 cfs
SCS Soil Type D	Q 5 out = 3 cfs
Irwin Silty Clay Loam	Q 100 in = 11.51 cfs
CN = 75	Q 100 out = 7 cfs
Tc = 15 min.	Max. Stage 5 = 179.0
P 5 = 4.6"	Max. Stage 100 = 179.85
Q 5 = 4.91 cfs	
P 100 = 7.8"	
Q 100 = 11.51 cfs	
UNDEVELOPED DRAINAGE DATA	
Area=2.1 acres	
SCS Soil Type D	
Irwin Silty Clay Loam	
CN = 70	
Tc = 15 min.	
i 5 = 4.6"	
Q 5 = 3.9 cfs	
P 100 = 7.8"	
Q 100 = 9.9 cfs	

FLOOD ZONE MAP

Sec. 22, T27S, R2E



SCALE: 1" = 2,000'

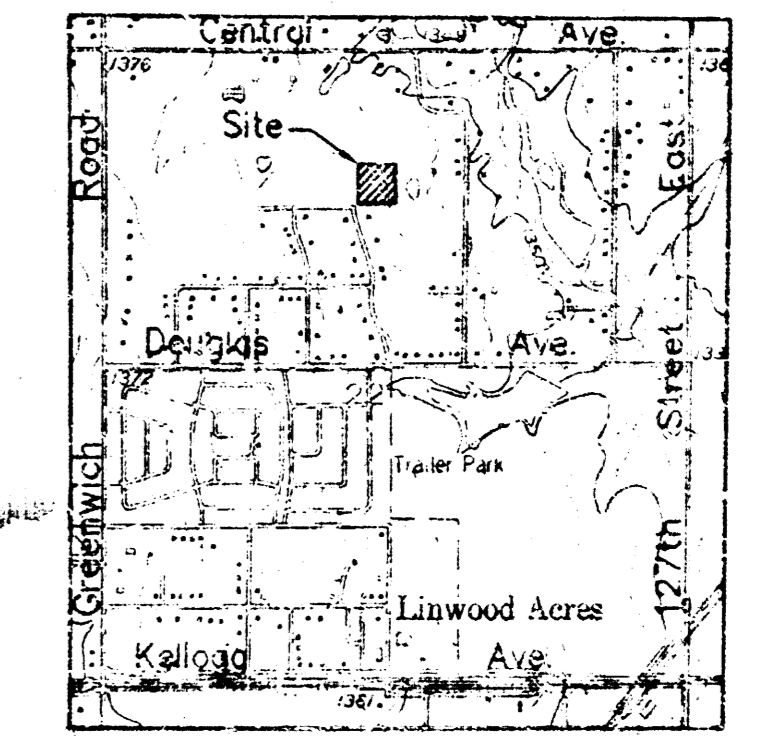
FLOOD ZONE:
 Subject property is in Zone C, as shown of Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Sedgwick County, Kansas, Community Panel Number 200321 0225 A, effective June 3, 1986.

LEGAL DESCRIPTION FOR 'REDDI ADDITION'

The South 330 feet of the East 10 acres of the North Half of the Northeast Quarter of Section 22, Township 27 South, Range 2 East of the Sixth Principal Meridian, Sedgwick County, Kansas.

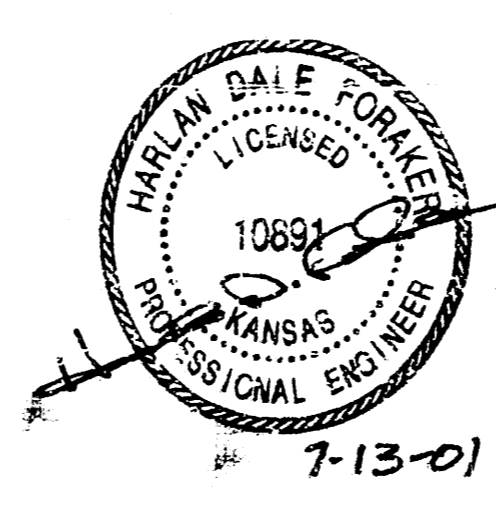
VICINITY MAP OF 'REDDI ADDITION'

Sec. 22, T27S, R2E



ANDOVER QUADRANGLE
 7.5 Minute Series

SCALE: 1" = 2,000'



SURVEY DISCLAIMER:
 TOPOGRAPHIC SURVEY AND CONTOUR MAP USED IN PREPARING PLANS WAS PROVIDED BY TERRA TECH LAND SURVEYING, 22200 W. 63RD ST. S., WOLA, KS (316)794-2563. ENGINEER DOES NOT GUARANTEE SURVEY ELEVATIONS FOR ACCURACY. CONTRACTOR SHALL VERIFY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

DRAINAGE PLAN PREPARED BY:
CERTIFIED ENGINEERING DESIGN, P.A.
 810 WEST DOUGLAS, SUITE C
 WICHITA, KANSAS 67203
 PH: (316) 262-8808
 FAX: (316) 262-1669

SHEET 1
 TOTAL 1