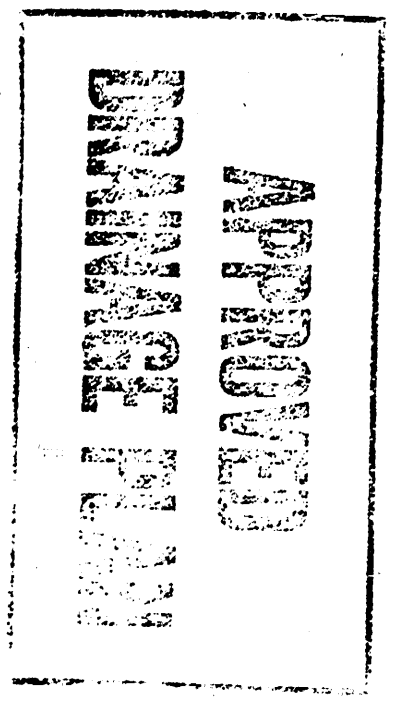
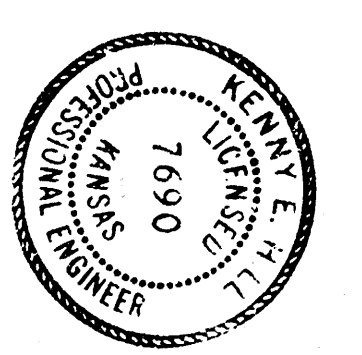
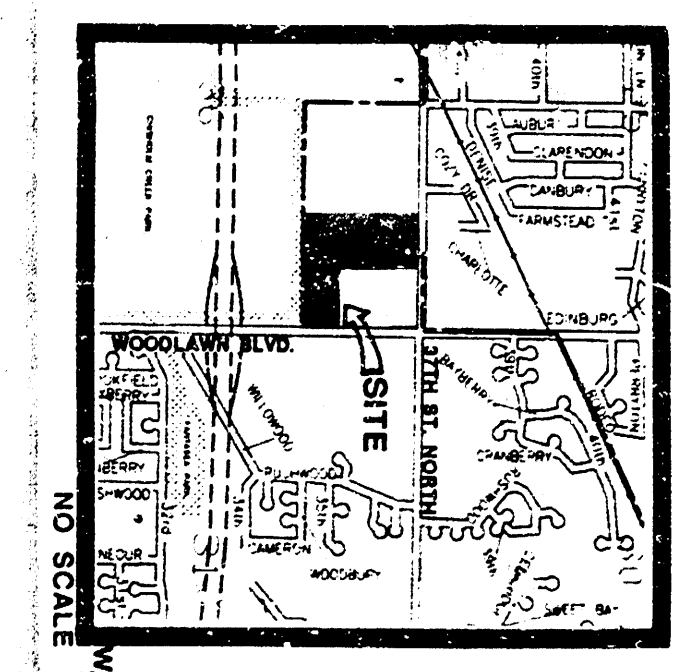


RAINAGE PLAN WHISPERING BROOK

BY: NESTOR R. WEIGAND JR., LESLIE RUDD & DEBORAH FREEMAN, 151 N. MARKET, WICHITA, KANSAS 67202 PH: 316-262-8400

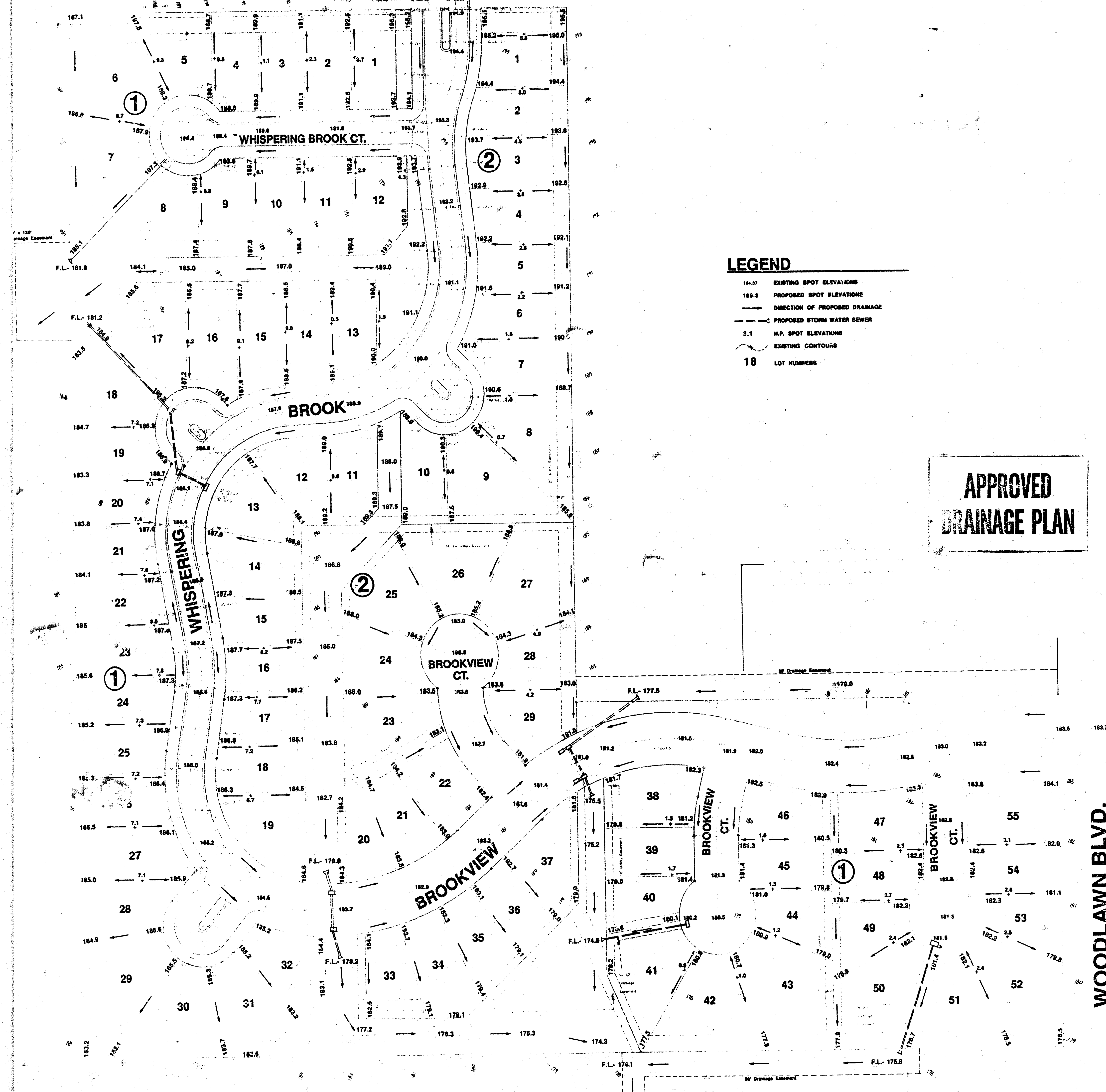
- NOTES:**
1. BENCHMARK 70' W. AND 30' N. OF BOTH WOODLAWN & 37TH ST. NO. CITY OF WICHITA DATUM. ELEV. - 186.188.
 2. TOPOGRAPHY OBTAINED DECEMBER 7, 1981.
 3. DRAINAGE CONCEPT PLAN TO BE PREPARED BY POE & ASSOCIATES AND SUBMITTED TO CITY ENGINEER.
 4. RESERVES B, C, D & E TO PERMIT DRAINAGE, DRAINAGE STRUCTURES, FLOODS, LANDSCAPING, SIDEWALKS, GAZEBOS, EASEMENTS & UTILITY SERVICE CONNECTIONS.
 5. RESERVES A, F, G, H & I TO PERMIT IRRIGATION, SIDEWALK AND UTILITIES CONFINED TO EASEMENTS.

C FACTORS	
LIGHT COMMERCIAL	$C_1 = 0.58$
RESIDENTIAL	$C_2 = 0.52$
	$C_{100} = 0.67$
TIME OF CONCENTRATION	
15 MINUTE MINIMUM	$t_c = 3.83$
100 = 7.37	
SOIL TYPE	
Rp - FARMUM	
HYDROLOGIC GROUP B	



POE & ASSOCIATES OF KANSAS, INC.
Consulting Engineers
434 N. Oliver Suite 110 Wichita KS 67208 316/6854114

37TH STREET NORTH



LOT GRADING PLAN

WHISPERING BROOK

AN ADDITION TO WICHITA - SEDGWICK COUNTY KANSAS