

RAINAGE PLAN WHISPERING BROOK

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

APPROVED
DRAINAGE PLAN

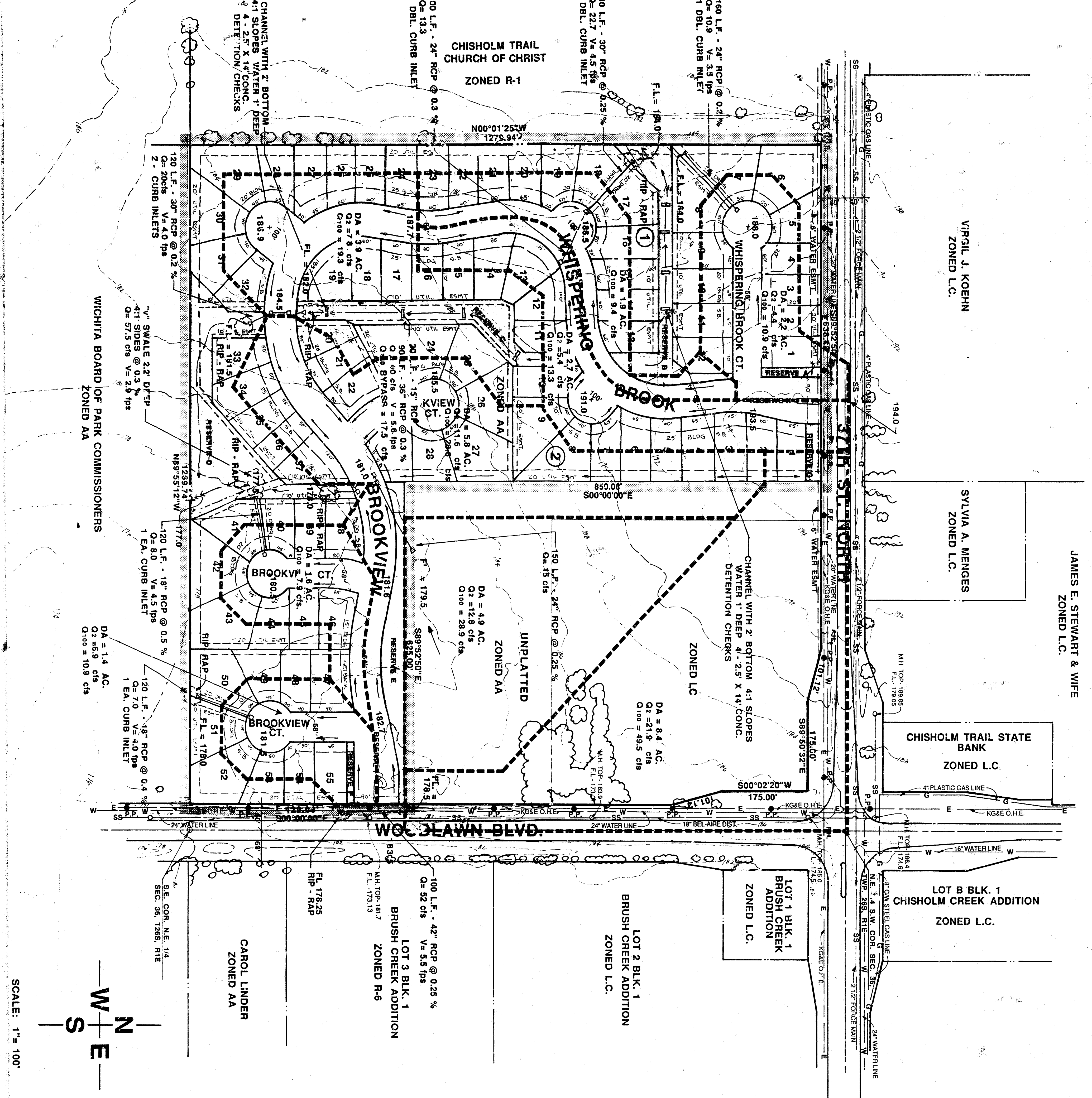
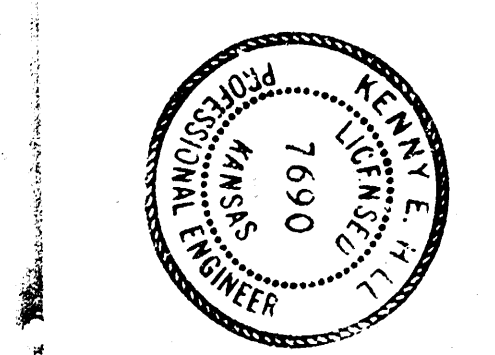
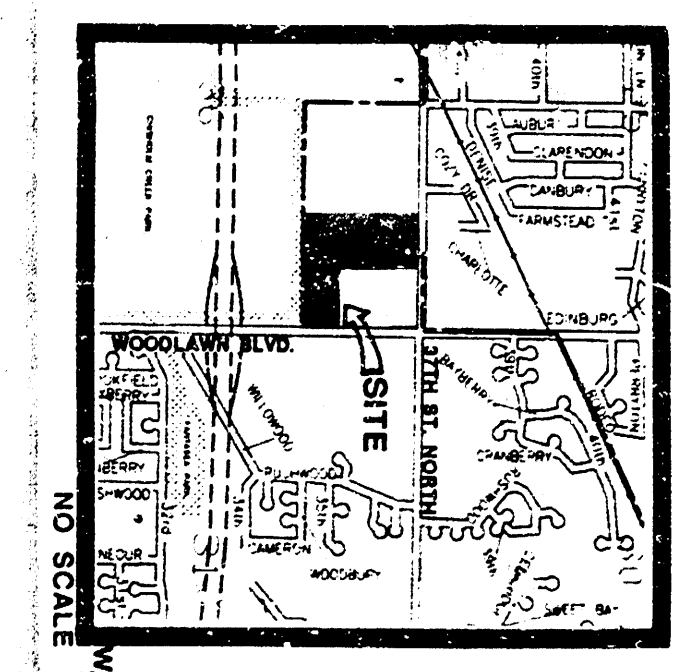
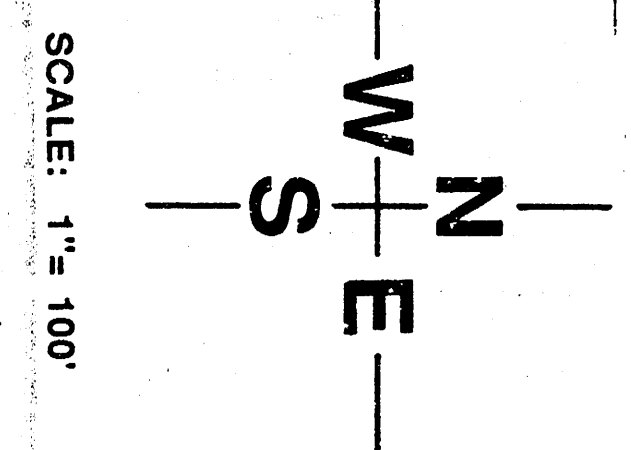
NOTES:

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.

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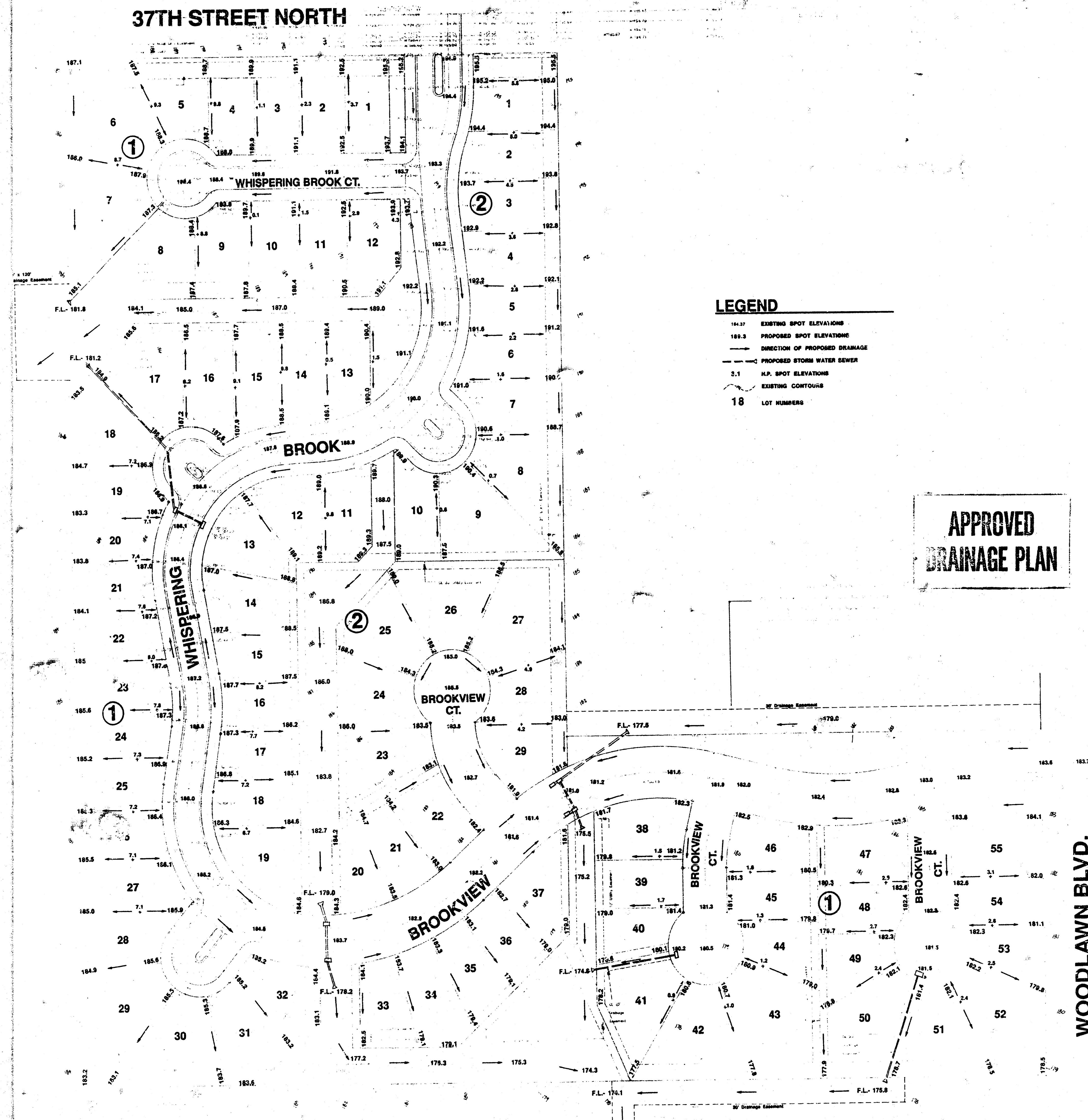
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TIME OF CONCENTRATION	
15 MINUTE MINIMUM	
12 = 3.83	
100 = 7.37	
SOIL TYPE	
R - PAVEMENT	
HYDROLOGIC GROUP B	
C FACTORS	
LIGHT COMMERCIAL	
C ₁ = 0.58	
C ₁₀₀ = 0.50	
RESIDENTIAL	
C ₂ = 0.52	
C ₁₀₀ = 0.47	

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



LOT GRADING PLAN

WHISPERING BROOK

AN ADDITION TO WICHITA - SEDGWICK COUNTY KANSAS