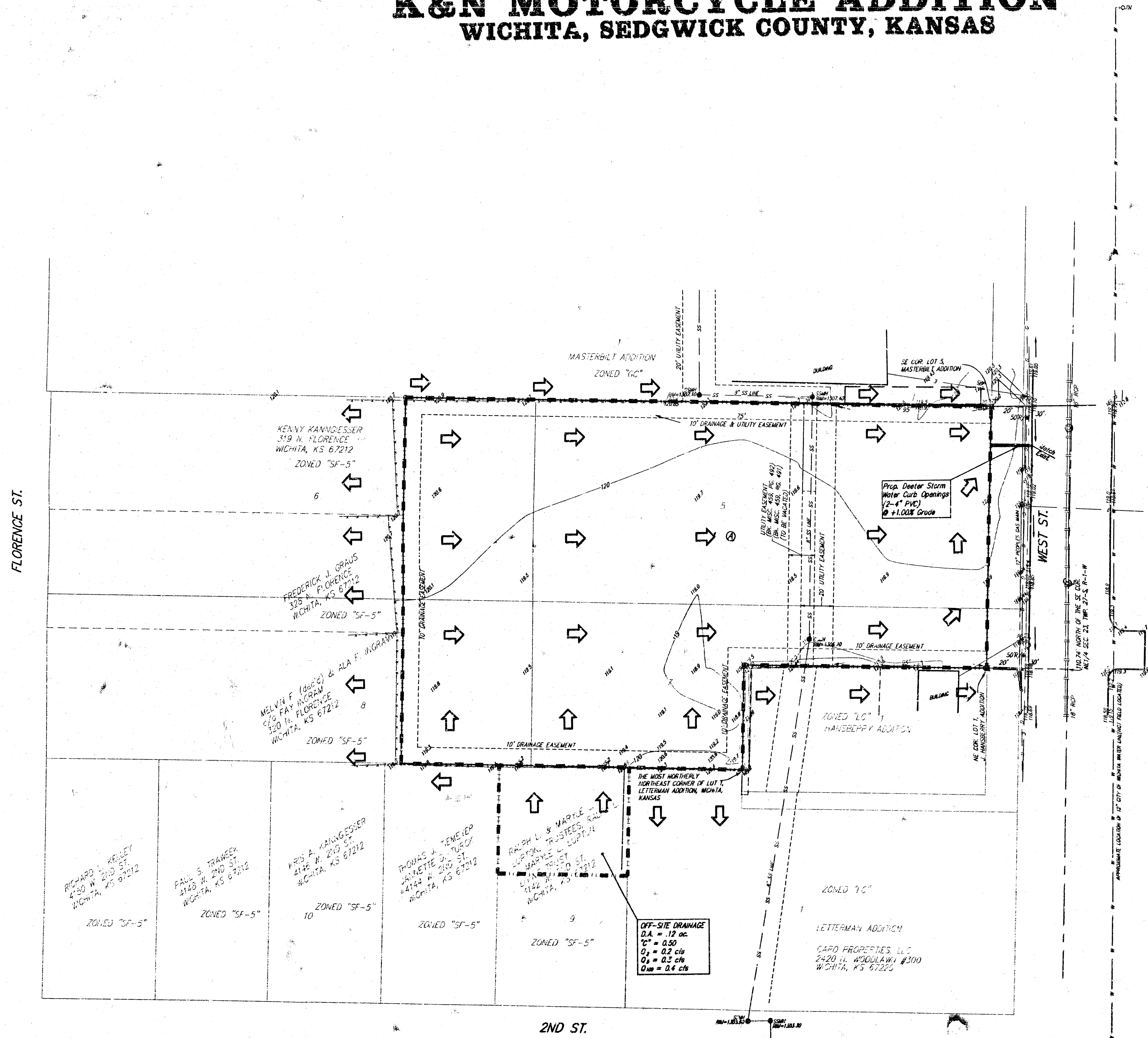


DRAINAGE PLAN K&N MOTORCYCLE ADDITION WICHITA, SEDGWICK COUNTY, KANSAS



DATE OF PREPARATION: 28 JANUARY 2002
 DATE OF TOPOGRAPHY: 2 JANUARY 2002
 CONTOUR INTERVALS: 1' 00"

= # REBAR W/ "BAUGHMAN" CAP (FOUND)
 # = # REBAR W/ "TILLS" CAP (SET)
 # = # REBAR W/ "TILLS" CAP (FOUND)
 # = 1/2" IRON (FOUND)
 # = 3/4" IRON (FOUND)
 # = "K" NAIL & SHINER IN STUMP (FOUND)

(M) = MEASURED
 (D) = DESCRIBED
 (P) = PLATED
 (C) = CALCULATED

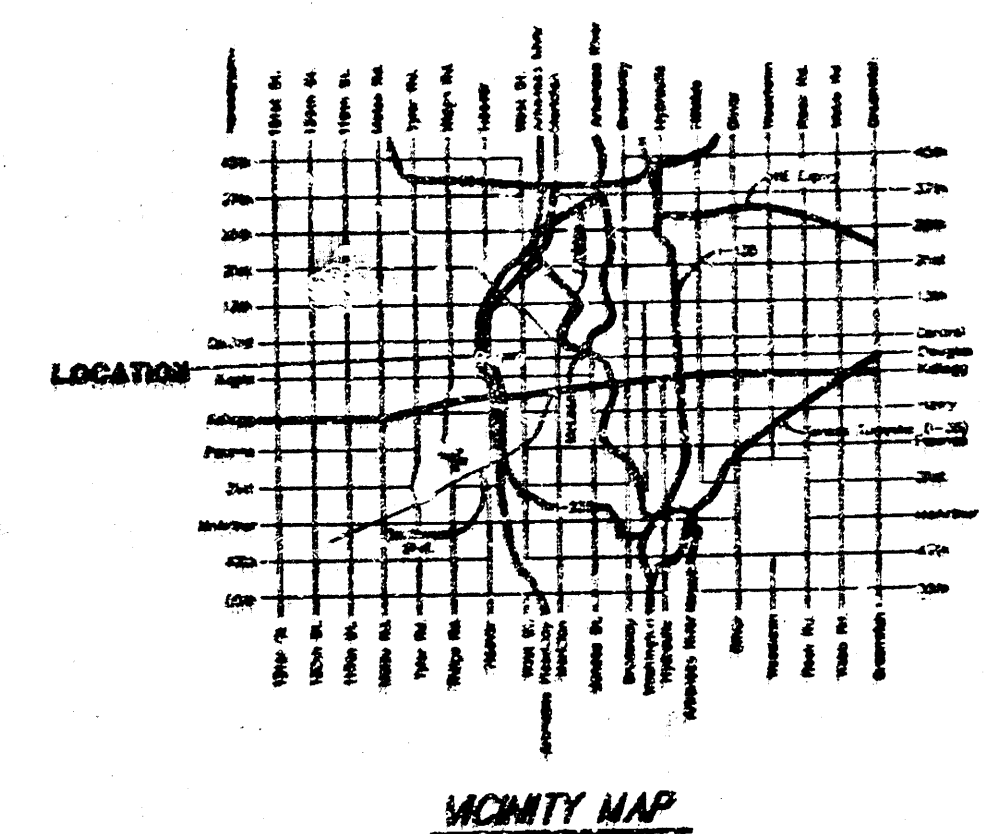
= Power Pole
 # = Sign
 # = Fire Hydrant
 # = Sanitary Sewer Manhole
 # = Guy Anchor

BENCHMARK:
 CORNER BENCHMARK, SW CORNER WEST ST. & 2ND ST.
 ELEV. = 118.87 CITY DATUM (1306.27 NGVD29)

DRAINAGE NOTES:

- The soil type per Soil Survey of Sedgwick County is Urban Land - Canadian Complex. The hydrologic classification for these soils are a B.
- This parcel of land is located in a Federal Emergency Management Agency (FEMA) Zone B per FIRM Map 200328 0025B, Effective Date May 15, 1986.

	EXISTING CONDITIONS	DEVELOPED CONDITIONS
DRAINAGE AREA	1.98 acres	1.98 acres
Tc	15 min.	15 min.
i - 2 in	3.83 in/hr	3.83 in/hr
i - 5 in	4.96 in/hr	4.96 in/hr
i - 100 in	7.37 in/hr	7.37 in/hr
Q ₁ - 2 in	0.52	0.84
Q ₁ - 5 in	0.54	0.91
Q ₁ - 100 in	0.63	0.91
Q ₂ - 2 in	3.1 cfs	5.1 cfs
Q ₂ - 5 in	3.9 cfs	5.1 cfs
Q ₂ - 100 in	7.9 cfs	11 cfs



VICINITY MAP