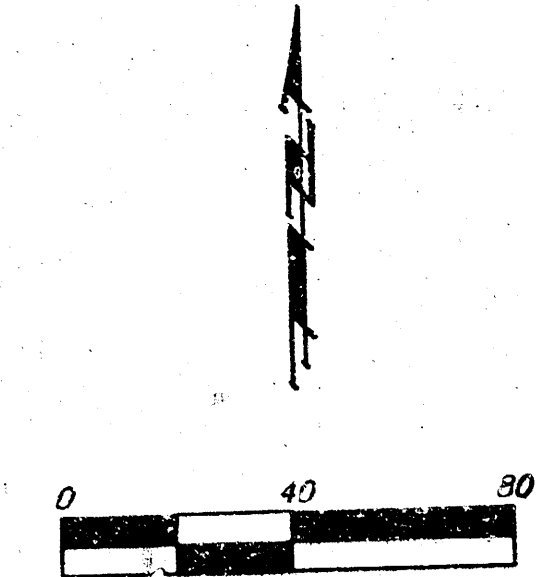


DRAINAGE PLAN

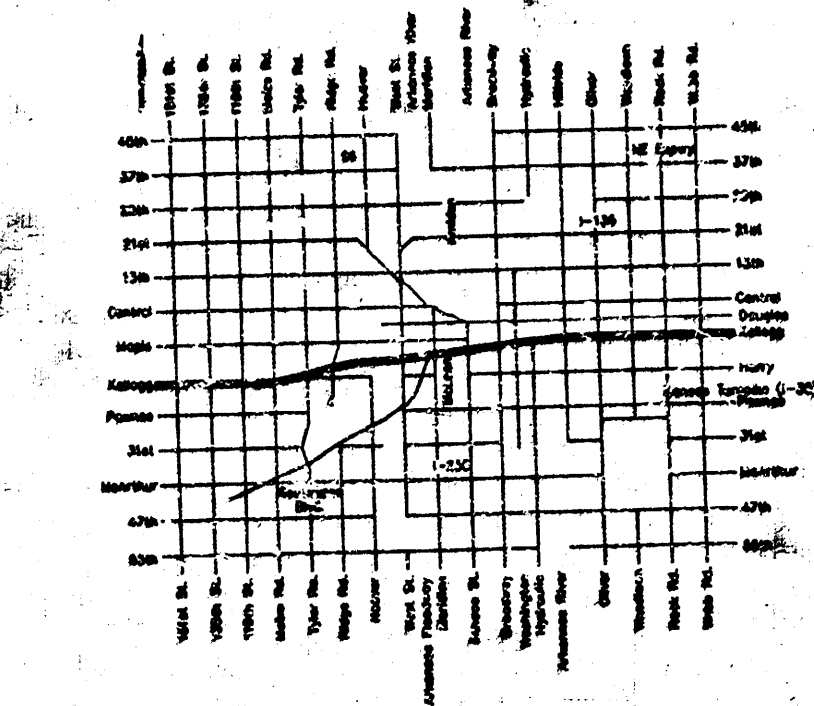
WESTGATE VILLAGE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



- CB = Catch Basin
- DR = Driveway
- FM = Fire Hydrant
- GP = Guy Pole
- GA = Guy Anchor
- HLP = High Line Pole
- SLP = Signal Pole
- SP = Sign
- SSMH = Sanitary Sewer Manhole
- SWP = Southwestern Bell Pedestal
- SSMH = Stormwater Sewer Manhole
- TR = Traffic Bar
- TMH = Traffic Manhole
- MV = Motor Valve
- 1/2" IRON (FOUND)
- #4 BAUGHMAN PIN (SET)
- V-NOTCH FOUND
- MIN V-NOTCH FOUND
- CROSS (FOUND)
- 12" IRON (FOUND)

Drainage Area	Area (acres)	C _s	C ₁₀₀	T _c (min.)	I ₂ (in/hr)	I ₁₀₀ (in/hr)	Q _s (cfs)	Q ₁₀₀ (cfs)
1	1.28	.90	.90	15	3.83	7.37	4.41	8.49
2	2.23	.90	.90	15	3.83	7.37	7.69	14.8
3	1.33	.90	.90	15	3.83	7.37	4.58	8.82



CITY OF WICHITA BENCH MARK - DISC
108.30 FEET NORTH AND 71 FEET WEST
OF THE CENTER LINE OF MAIZE ROAD
AND 13TH STREET 2 FEET EAST OF
EAST FACE OF MAIZE
ELEVATION = 180.02 CITY DATUM