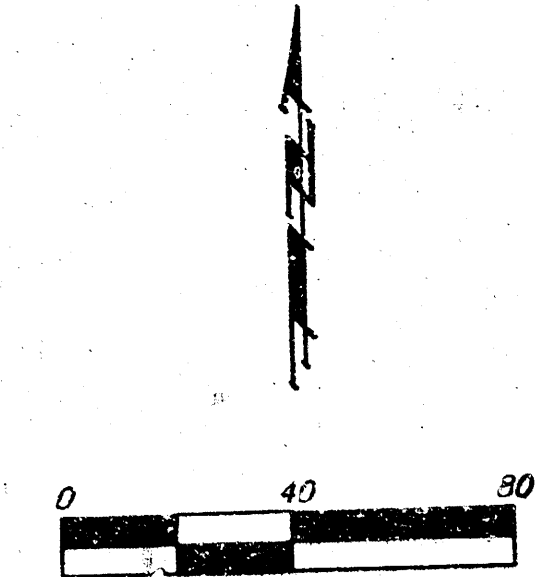


# DRAINAGE PLAN

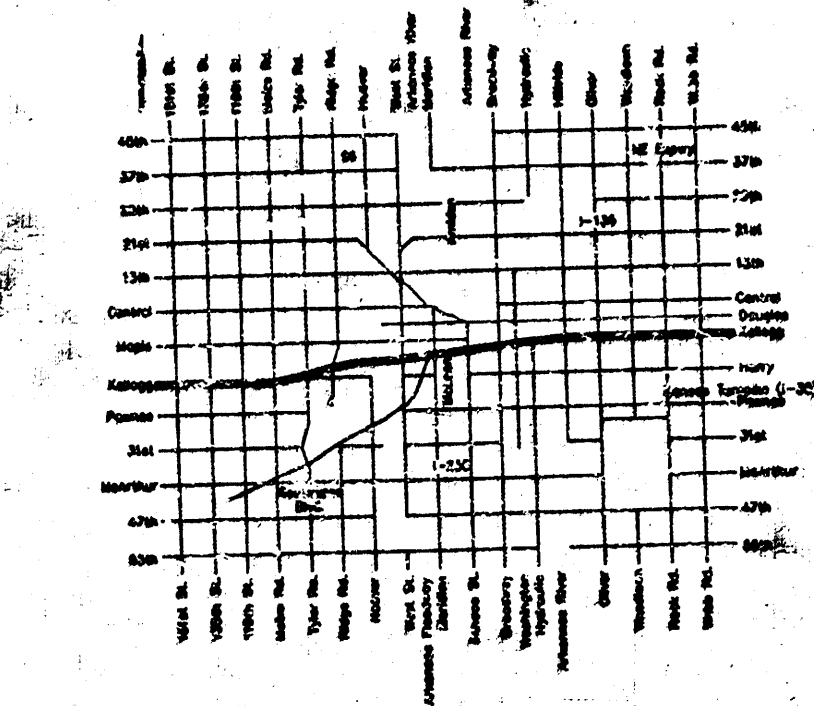
## WESTGATE VILLAGE 2ND ADDITION

### 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 <sub>s</sub> | C <sub>100</sub> | T <sub>c</sub> (min.) | I <sub>2</sub> (in/hr) | I <sub>100</sub> (in/hr) | Q <sub>s</sub> (cfs) | Q <sub>100</sub> (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