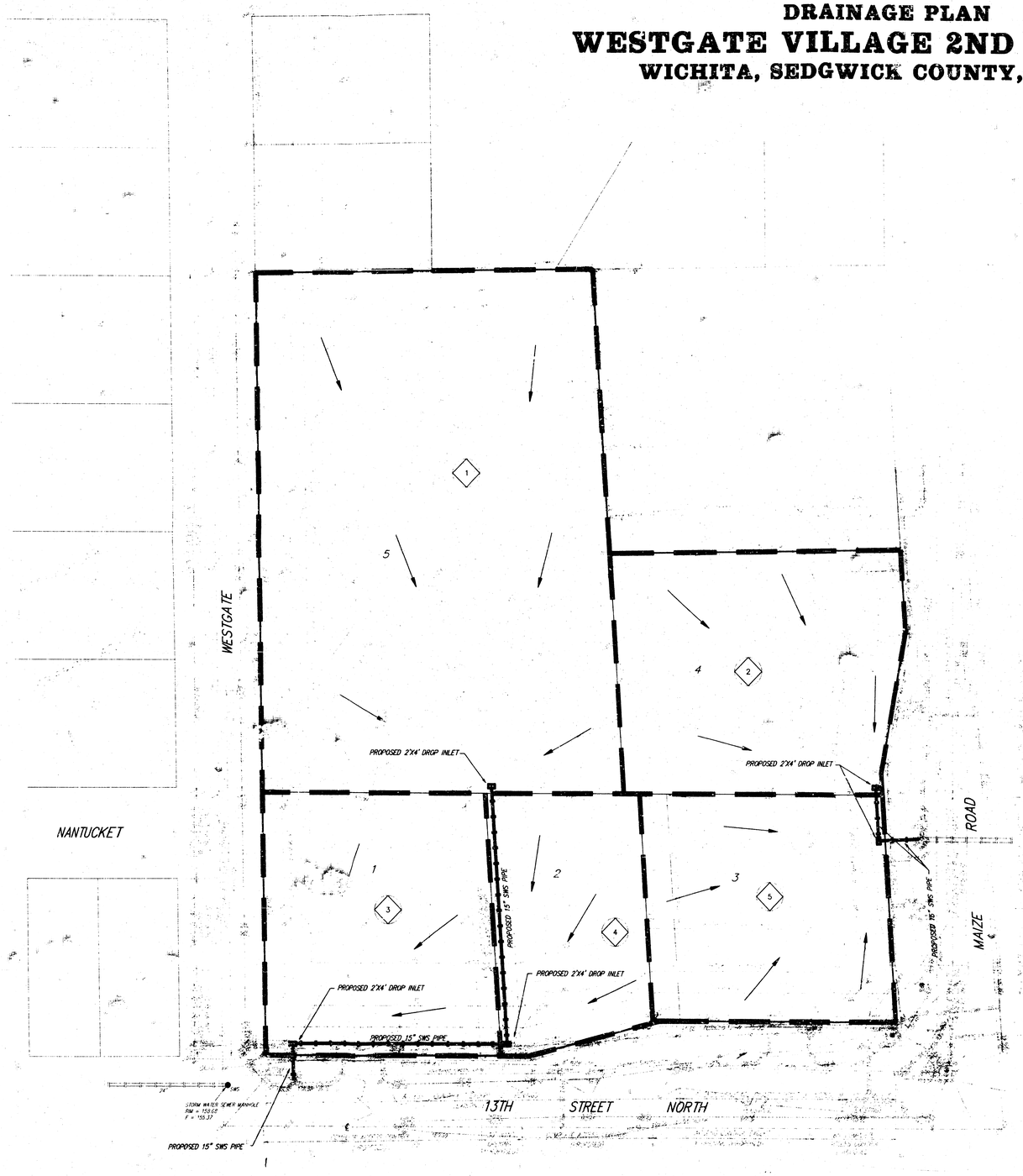
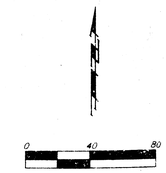
# DRAINAGE PLAN
# WESTGATE VILLAGE 2ND ADDITION
## WICHITA, SEDGWICK COUNTY, KANSAS




**LEGAL DESCRIPTION:**

*LOTS 1 AND 2, WESTGATE VILLAGE ADDITION, WICHITA, KANSAS.*

**OWNERS:**

*WESTGATE VILLAGE*
*2804 FAIRWAY*
*WICHITA, KANSAS 67212*

*KERR-MAGEE CORP.*
*ATTN: TAX DEPARTMENT*
*P.O. BOX 25861*
*OKLAHOMA CITY, OKLAHOMA 73215*

**BENCHMARK**

*CITY OF WICHITA BENCH MARK - DISC 109.50 FEET NORTH AND 71 FEET WEST OF THE CENTER LINE OF MAIZE ROAD AND 13TH STREET, 2 FEET EAST OF EAST FACE OF WALK.*
*ELEVATION = 160.02 CITY DATUM*

**LEGEND:**

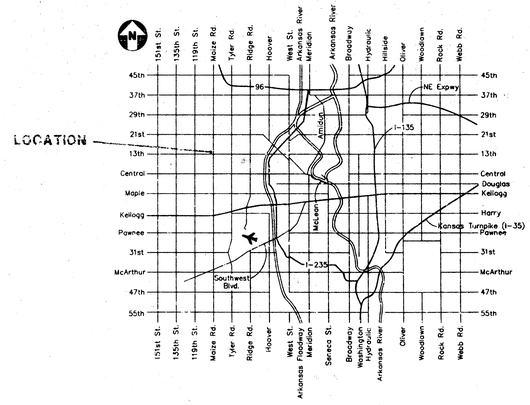
X = Basin Identifier

= Basin Boundary

- ● = 1/2" IRON (FOUND)
- ○ = #4 BAUGHMAN PIN (SET)
- □ = V-NOTCH FOUND
- △ = MM V-NOTCH FOUND
- ✕ = CROSS (FOUND)
- Ø = 12" IRON (FOUND)

- CB = Catch Basin
- DR = Deineator
- FH = Fire Hydrant
- GP = Guy Pole
- Guy = Guy Anchor
- HLP = High Line Pole
- SigP = Signal Pole
- Sign = Sign
- SSMH = Sanitary Sewer Manhole
- SWB Ped = Southwestern Bell Pedestal
- SWSMH = Stormwater Sewer Manhole
- TP = Traffic Box
- TMH = Traffic Manhole
- WV = Water Valve

| Drainage Area | Area (acres) | $C_5$ | $C_{100}$ | $T_c$ (min.) | $I_5$ (in/hr) | $I_{100}$ (in/hr) | $Q_5$ (cfs) | $Q_{100}$ (cfs) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2.2 | 0.90 | 0.90 | 15 | 3.83 | 7.36 | 7.6 | 14.6 |
| 2 | 0.8 | 0.90 | 0.90 | 15 | 3.83 | 7.36 | 2.8 | 5.3 |
| 3 | 0.7 | 0.90 | 0.90 | 15 | 3.83 | 7.36 | 2.4 | 4.6 |
| 4 | 0.5 | 0.90 | 0.90 | 15 | 3.83 | 7.36 | 1.7 | 3.3 |
| 5 | 0.7 | 0.90 | 0.90 | 15 | 3.83 | 7.36 | 2.4 | 4.6 |




27 October 1997


BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
(316)-262-7271 • 315 FLUS • WICHITA, KANSAS 67211
P:\WORD\DRAWINGS\DRAINAGE.DWG