

NW COR. NW 1/4  
SEC. 1, T25, R1E

29TH ST NORTH

| BASIN | AREA (SQ) | C-5 YR (CFS) | C-100 YR (CFS) | 15' (CFS) | 15' (CFS) | 15' (CFS) | 15' (CFS) |
|-------|-----------|--------------|----------------|-----------|-----------|-----------|-----------|
| A     | 2.68      | 0.53         | 0.69           | 15        | 4.56      | 7.37      | 6.24      |
| B     | 2.51      | 0.56         | 0.76           | 15        | 4.56      | 7.37      | 6.41      |
| C     | 1.6       | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 3.44      |
| D     | 0.97      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 2.21      |
| E     | 3.39      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 11.31     |
| F     | 2.67      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 10.57     |
| G     | 0.35      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 0.80      |
| H     | 0.56      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 1.28      |
| I     | 0.47      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 1.01      |
| J     | 0.74      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 1.89      |
| K     | 3.07      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 14.46     |
| L     | 0.98      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 2.44      |
| M     | 0.98      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 2.44      |
| N     | 1.24      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 2.83      |
| O     | 1.54      | 0.5          | 0.64           | 15        | 4.56      | 7.37      | 3.51      |
| P     | 3.43      | 0.53         | 0.69           | 15        | 4.56      | 7.37      | 8.29      |
| Q     | 1.77      | 0.58         | 0.78           | 15        | 4.56      | 7.37      | 5.99      |
| R     | 4.03      | 0.53         | 0.69           | 15        | 4.56      | 7.37      | 19.12     |
| S     | 1.92      | 0.54         | 0.71           | 15        | 4.56      | 7.37      | 3.73      |
| T     | 1.13      | 0.58         | 0.78           | 15        | 4.56      | 7.37      | 2.99      |
| U     |           |              |                | 15        | 4.56      | 7.37      | 2.99      |
| V     |           |              |                | 15        | 4.56      | 7.37      | 2.99      |

| INLET # | INLET SIZE (IN) |
|---------|-----------------|
| 100     | 5               |
| 110     | 5               |
| 120     | 5               |
| 130     | 5               |
| 140     | 5               |
| 150     | 5               |
| 160     | 5               |
| 170     | 5               |
| 180     | 5               |
| 190     | 5               |
| 200     | 5               |
| 210     | 5               |
| 220     | 5               |
| 300     | 10              |
| 310     | 10              |



**LEGEND**

- Drainage Basin Boundary
- - - Drainage Sub-Basin Boundary
- Flow Arrow Storm
- Flow Arrow Storm
- Prop. SMS Manhole
- Prop. SMS Inlet
- Prop. SMS End Section
- Future Street Elev.
- Target SMS
- Basin Designation
- SMS Node No.

**NORTH**  
SCALE 1"=100'  
CONTOUR INTERVAL = 2'

- NOTES:**
- BENCHMARK: CITY OF WICHITA DISC. 89', NORTH AND 33' EAST OF THE CORNER OF 25TH ST AND NORTH AND OLIVER. ELEV. 159.68 CITY DATUM
  - THIS PLAN IS PART OF BEACON HILL CUP DP-447.
  - DATE OF TOPO: 3-19-1983

**DRAINAGE PLAN 8-30-93**  
**PEMBROOK ADDITION**

OWNER • CRITCHFIELD REAL ESTATE LIMITED PARTNERSHIP 1985  
% SOCORA VILLAGE COMPANY CONTRACT PURCHASER  
% LARRY A. CHAMBERS, 104 S. BROADWAY, SUITE 200  
WICHITA, KANSAS 67202-4165  
ENGINEER • P.E.C., PA., 303 S. TOPEKA, WICHITA, KS. 67202