

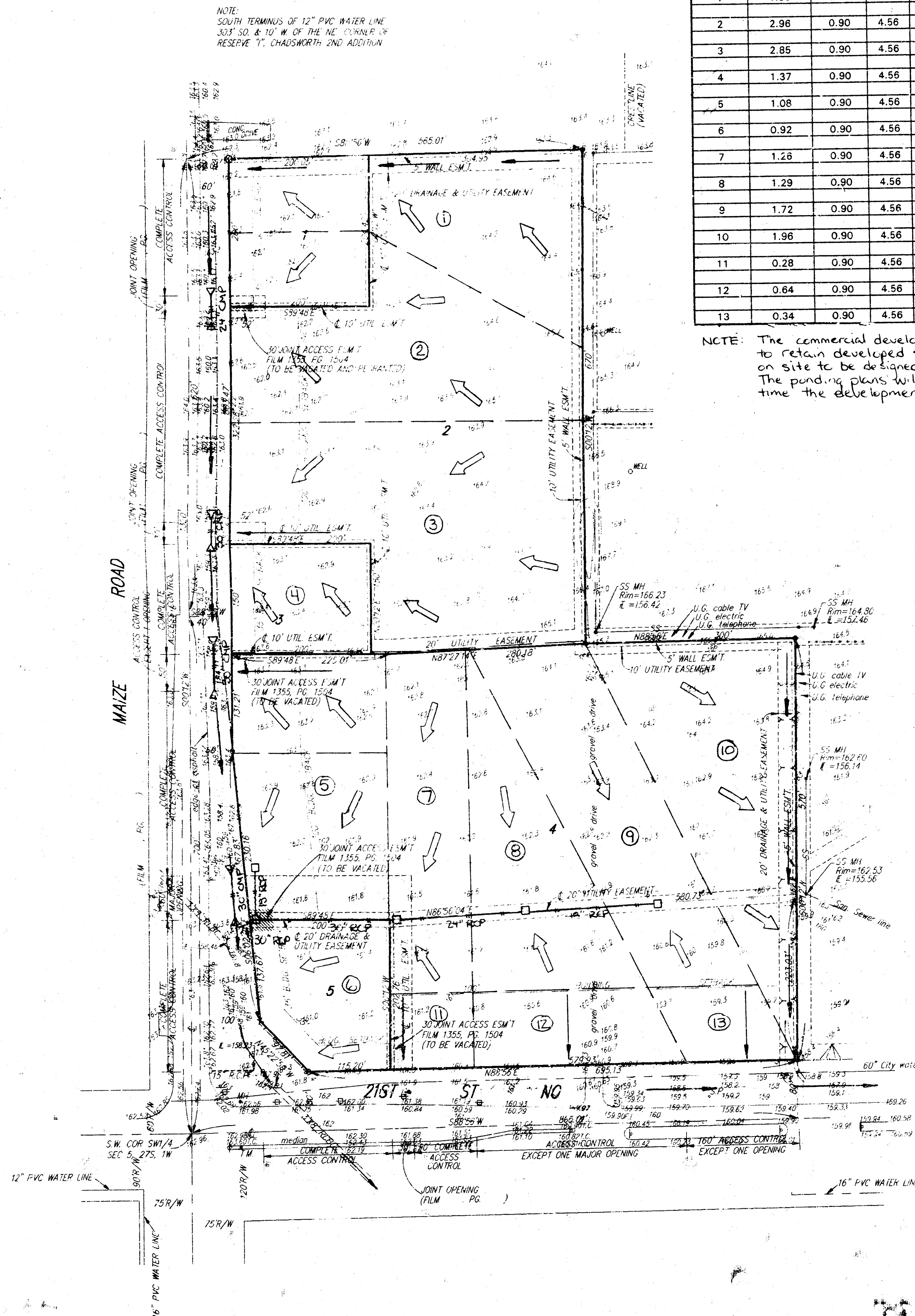
# DRAINAGE PLAN

## CHADSWORTH 2ND COMMERCIAL ADDITION

### WICHITA, SEDGWICK COUNTY, KANSAS

| SUB AREA | AREA (ACRES) | C"   | INTENSITY (IN/HR) |         | FLOW RATE (CFS) |         |
|----------|--------------|------|-------------------|---------|-----------------|---------|
|          |              |      | 2 YR.             | 100 YR. | 2 YR.           | 100 YR. |
| 1        | 1.66         | 0.90 | 4.56              | 7.37    | 6.8             | 11.0    |
| 2        | 2.96         | 0.90 | 4.56              | 7.37    | 12.1            | 19.6    |
| 3        | 2.85         | 0.90 | 4.56              | 7.37    | 11.7            | 18.9    |
| 4        | 1.37         | 0.90 | 4.56              | 7.37    | 5.8             | 9.1     |
| 5        | 1.08         | 0.90 | 4.56              | 7.37    | 4.4             | 7.2     |
| 6        | 0.92         | 0.90 | 4.56              | 7.37    | 3.8             | 6.1     |
| 7        | 1.28         | 0.90 | 4.56              | 7.37    | 5.2             | 8.4     |
| 8        | 1.29         | 0.90 | 4.56              | 7.37    | 5.3             | 8.6     |
| 9        | 1.72         | 0.90 | 4.56              | 7.37    | 7.1             | 11.4    |
| 10       | 1.96         | 0.90 | 4.56              | 7.37    | 8.0             | 13.0    |
| 11       | 0.28         | 0.90 | 4.56              | 7.37    | 1.1             | 1.8     |
| 12       | 0.64         | 0.90 | 4.56              | 7.37    | 2.6             | 4.2     |
| 13       | 0.34         | 0.90 | 4.56              | 7.37    | 1.4             | 2.3     |

NOTE: The commercial development site will need to retain developed storm water runoff on site to be designed into the parking lots. The ponding plans will be generated at the time the development occurs.



- 1" = 100'
- = 1/2" REBAR W/ "BAUGHMAN" CAP (SET)
  - = 3/4" IRON (FOUND)
  - ◊ = 1/2" IRON (FOUND)
  - ✕ = CROSS (FOUND)

NOTE: Additional building setbacks required per Chadsworth Commercial Community Unit Plan, Up-204, in file in the Wichita Metropolitan Area Planning Department Office.

- LEGEND
- P.P. = Power Pole
  - S.P. = Sign Pole
  - T.S. = Traffic Signal Box
  - SS MH = Sanitary Sewer Manhole
  - CTV = Cable Television
  - SWB = Southwestern Bell Telephone
  - T.M. = Traffic Manhole

Owner: Bruce A. & Esther L. Pearson  
10128 W. 21st St. No.  
Wichita, Kansas 67212

Legal Description: A portion of Lots 1, 2, 3, 4, 5, 6, and 7, Chadsworth Commercial Addition, Wichita, Sedgewick County, Kansas.

BENCH MARK: City of Wichita bench mark disc, SE corner of intersection, 64' east and 98' south of the centerlines of Maize and 21st St. So. Elevation: 164.30 City Datum

