

# DRAINAGE PLAN FOR DOROTHY ADDITION CITY OF WICHITA, SEDGWICK COUNTY, KANSAS

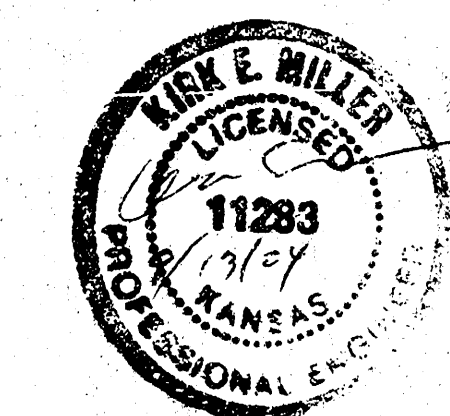
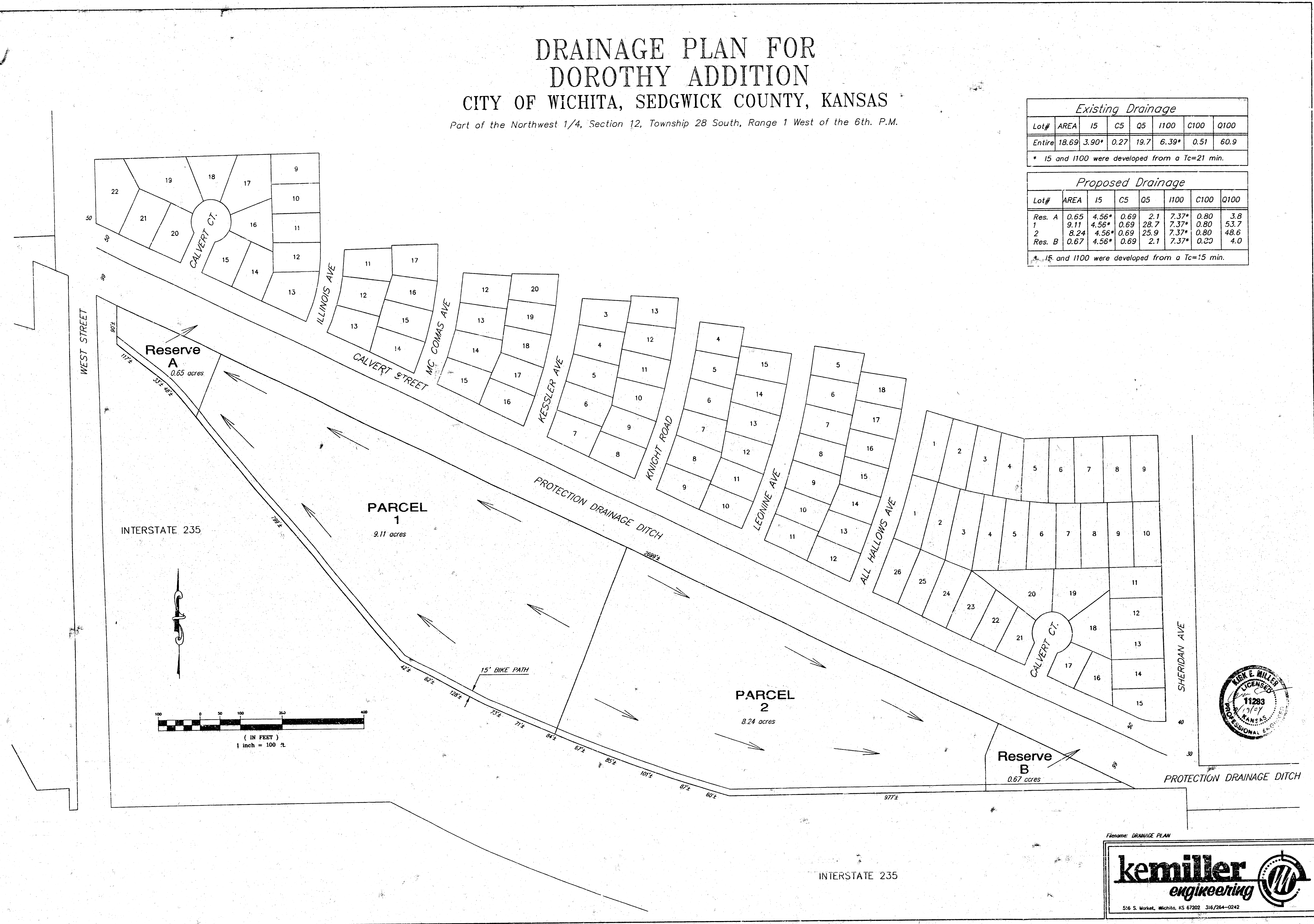
Part of the Northwest 1/4, Section 12, Township 28 South, Range 1 West of the 6th. P.M.

| Existing Drainage |       |       |      |      |       |      |      |
|-------------------|-------|-------|------|------|-------|------|------|
| Lot#              | AREA  | I5    | C5   | Q5   | I100  | C100 | Q100 |
| Entire            | 18.69 | 3.90* | 0.27 | 19.7 | 6.39* | 0.51 | 60.9 |

\* I5 and I100 were developed from a Tc=21 min.

| Proposed Drainage |      |       |      |      |       |      |      |
|-------------------|------|-------|------|------|-------|------|------|
| Lot#              | AREA | I5    | C5   | Q5   | I100  | C100 | Q100 |
| Res. A            | 0.65 | 4.56* | 0.69 | 2.1  | 7.37* | 0.80 | 3.8  |
| 1                 | 9.11 | 4.56* | 0.69 | 28.7 | 7.37* | 0.80 | 53.7 |
| 2                 | 8.24 | 4.56* | 0.69 | 25.9 | 7.37* | 0.80 | 48.6 |
| Res. B            | 0.67 | 4.56* | 0.69 | 2.1  | 7.37* | 0.80 | 4.0  |

\* I5 and I100 were developed from a Tc=15 min.



Filename: DRAINAGE PLAN

**kemiller**  
engineering

516 S. Market, Wichita, KS 67202 316/264-0242