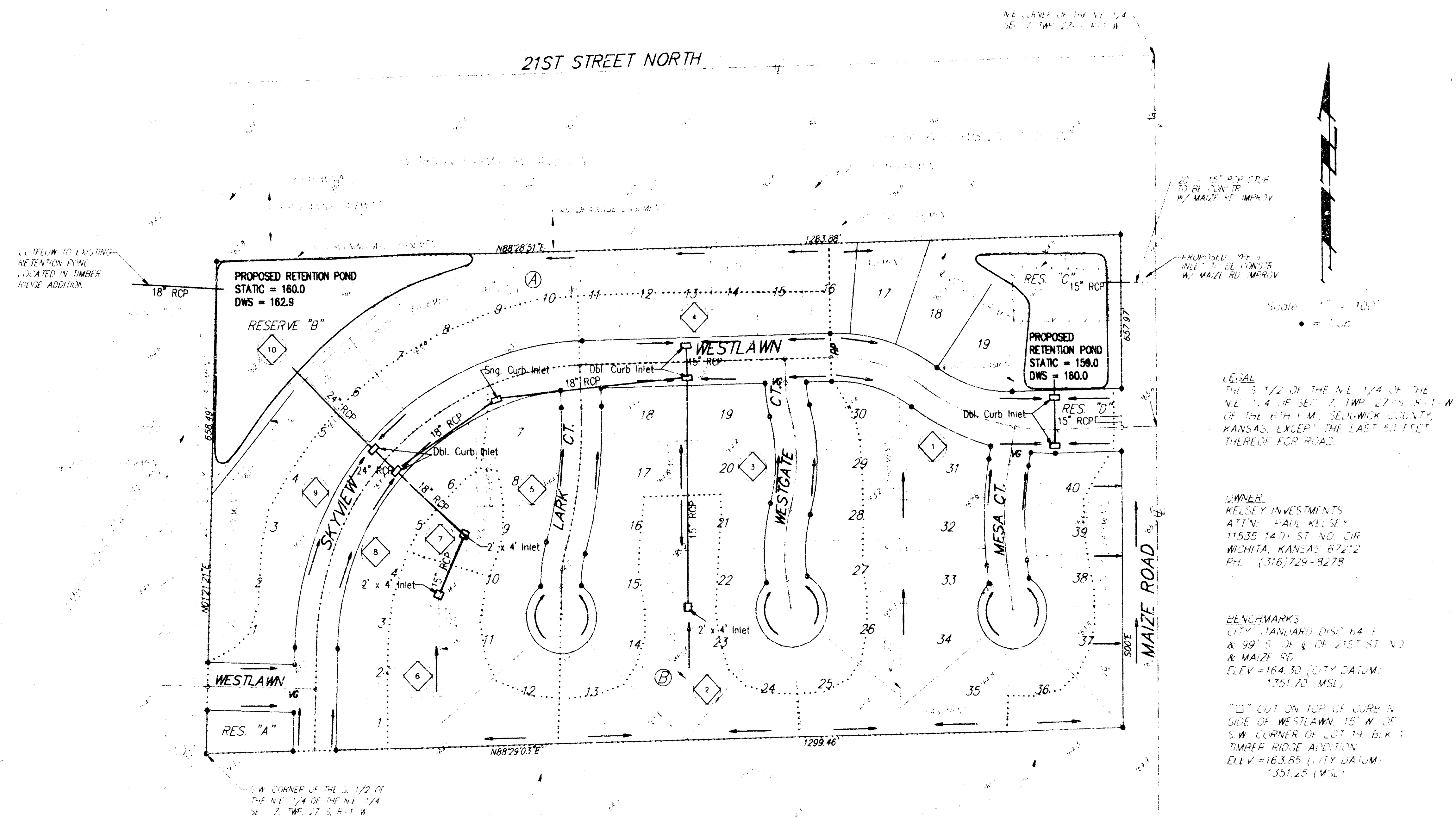


# DRAINAGE PLAN

## HEDGEAPPLE ADDITION

### WICHITA, SEDGWICK COUNTY, KANSAS



| NO. | AREA (Acres) | "P"  | Q <sub>2</sub> (cfs) | Q <sub>10</sub> (cfs) |
|-----|--------------|------|----------------------|-----------------------|
| 1   | 5.41         | 0.54 | 11.2                 | 21.5                  |
| 2   | 1.20         | 0.54 | 2.5                  | 4.8                   |
| 3   | 3.42         | 0.54 | 7.1                  | 13.6                  |
| 4   | 0.75         | 0.54 | 1.6                  | 3.0                   |
| 5   | 1.12         | 0.54 | 2.3                  | 4.5                   |
| 6   | 0.91         | 0.54 | 1.9                  | 3.6                   |
| 7   | 0.27         | 0.54 | 0.6                  | 1.1                   |
| 8   | 1.15         | 0.54 | 2.4                  | 4.6                   |
| 9   | 1.42         | 0.54 | 3.0                  | 5.6                   |
| 10  | 4.00         | 0.54 | 8.3                  | 15.3                  |

NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of street and storm sewer improvements within this plat that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.

MINIMUM PAD ELEVATIONS

| Lot   | Block | Elevation (City) |
|-------|-------|------------------|
| 3-10  | A     | 1351.3 (163.9)   |
| 18-19 | A     | 1348.4 (161.0)   |

- LEGEND
- PROPOSED STORM WATER SEWER SYSTEM
  - ◇ BASIN NUMBER
  - ..... BASIN BOUNDARY