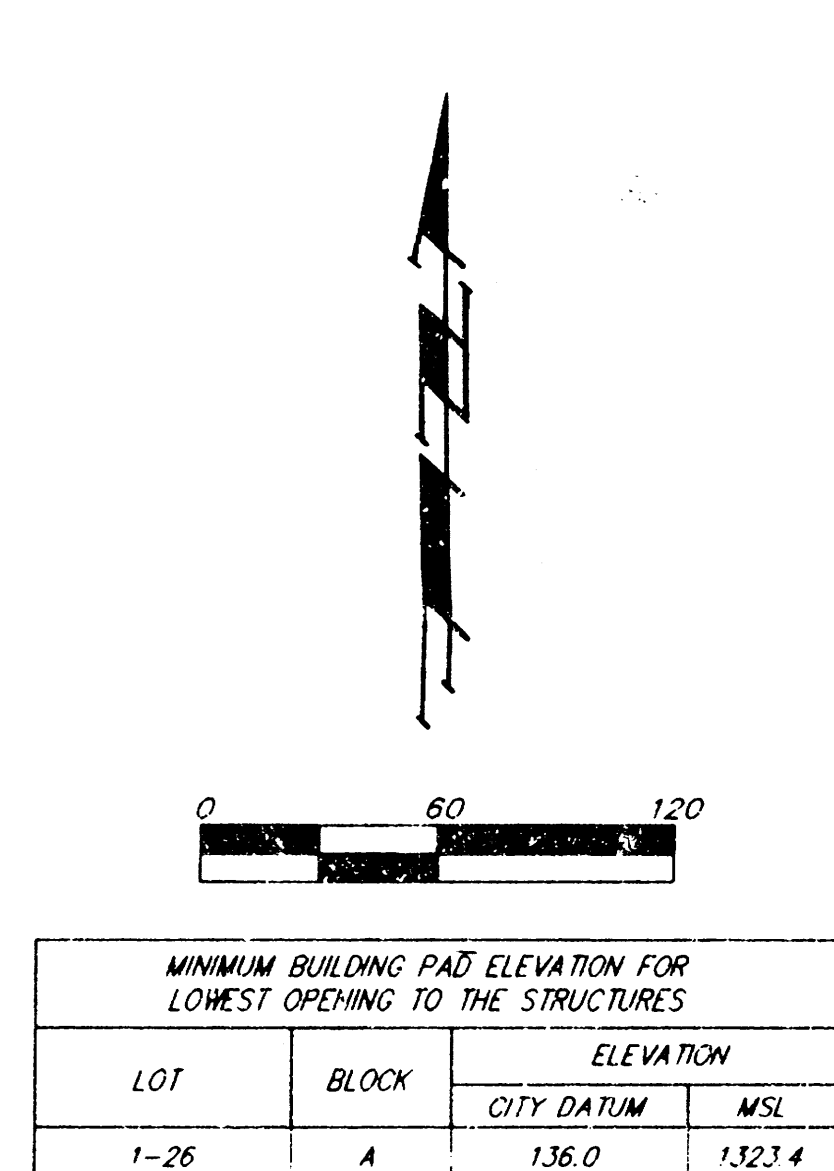
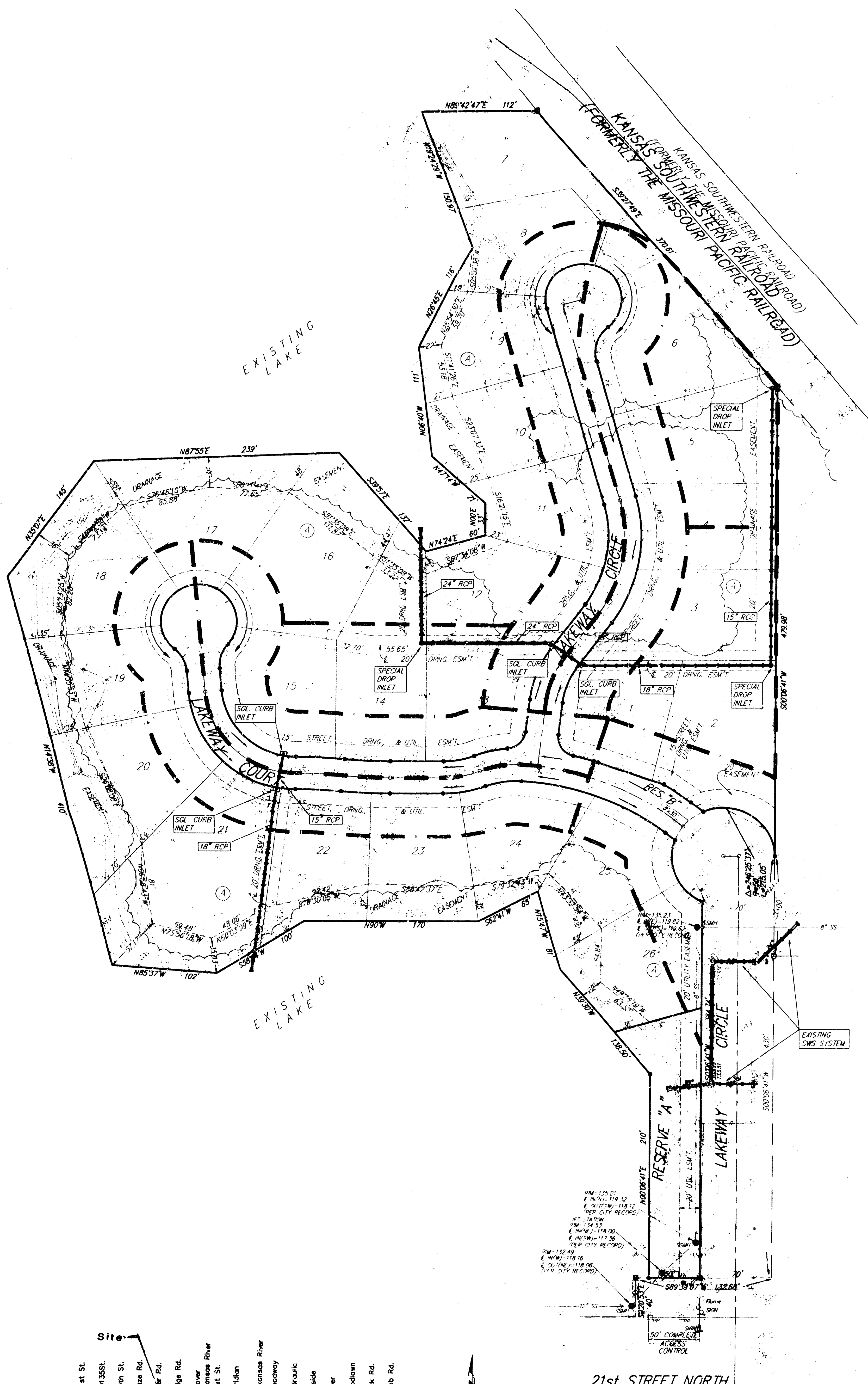


# DRAINAGE PLAN

## HORSESHOE LAKE 2ND ADDITION

### WICHITA, SEDGWICK COUNTY, KANSAS



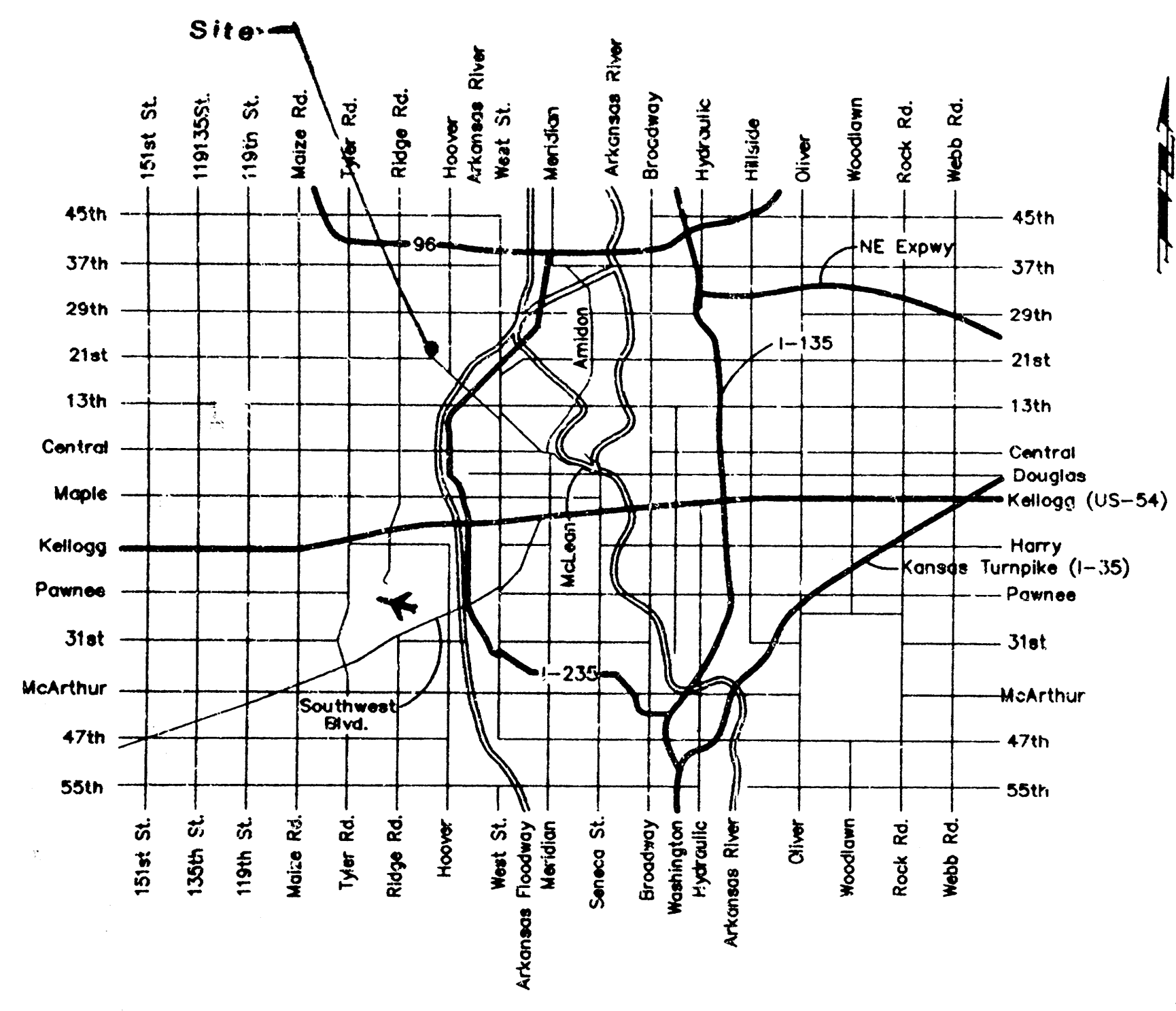
**LEGEND:**

- = 4" REBAR W/ "BAUGHMAN" CAP (SET)
- = 3/4" IRON (FOUND)
- = 1/2" IRON (FOUND)
- × = CROSS SET OVER FOUND IRON
- = 3/4" IRON W/ "PEC" IRON (FOUND)

**BENCHMARK:**

\* CUT OVER IRON, WEST P.C. OF LAKEWAY  
 CIRCLE DIA-DE-SAC  
 ELEVATION = 1,351.5 CITY DATUM

| Drainage Area | Area (acres) | C <sub>s</sub> | C <sub>mn</sub> | T <sub>c</sub> (min.) | I <sub>s</sub> (in/hr) | I <sub>wp</sub> (in/hr) | Q <sub>s</sub> (cfs) | Q <sub>wp</sub> (cfs) |
|---------------|--------------|----------------|-----------------|-----------------------|------------------------|-------------------------|----------------------|-----------------------|
| 1             | 0.9          | 0.60           | 0.60            | 15                    | 3.83                   | 7.36                    | 2.1                  | 4.0                   |
| 2             | 0.8          | 0.60           | 0.60            | 15                    | 3.83                   | 7.36                    | 1.8                  | 3.5                   |
| 3             | 0.5          | 0.55           | 0.55            | 15                    | 3.83                   | 7.36                    | 1.1                  | 2.0                   |
| 4             | 0.8          | 0.60           | 0.60            | 15                    | 3.83                   | 7.36                    | 1.8                  | 3.5                   |
| 5             | 0.8          | 0.60           | 0.60            | 15                    | 3.83                   | 7.36                    | 1.8                  | 3.5                   |
| 6             | 0.6          | 0.55           | 0.55            | 15                    | 3.83                   | 7.36                    | 1.3                  | 2.4                   |
| 7             | 0.5          | 0.55           | 0.55            | 15                    | 3.83                   | 7.36                    | 1.1                  | 2.0                   |

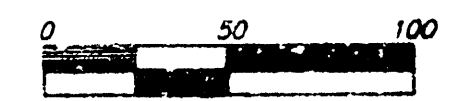
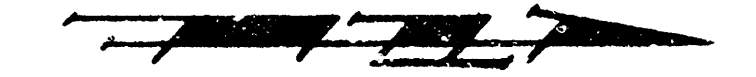


VICINITY MAP

# BENCHMARK:

"1" OUT DIER IRON, WEST P.C. OF LAKEWAY  
CIRCLE OR 18-SAC.  
ELEVATION = 135.13 CITY DATUM

MINIMUM LOWEST FLOOR ELEVATION = 132.3 CITY DATUM



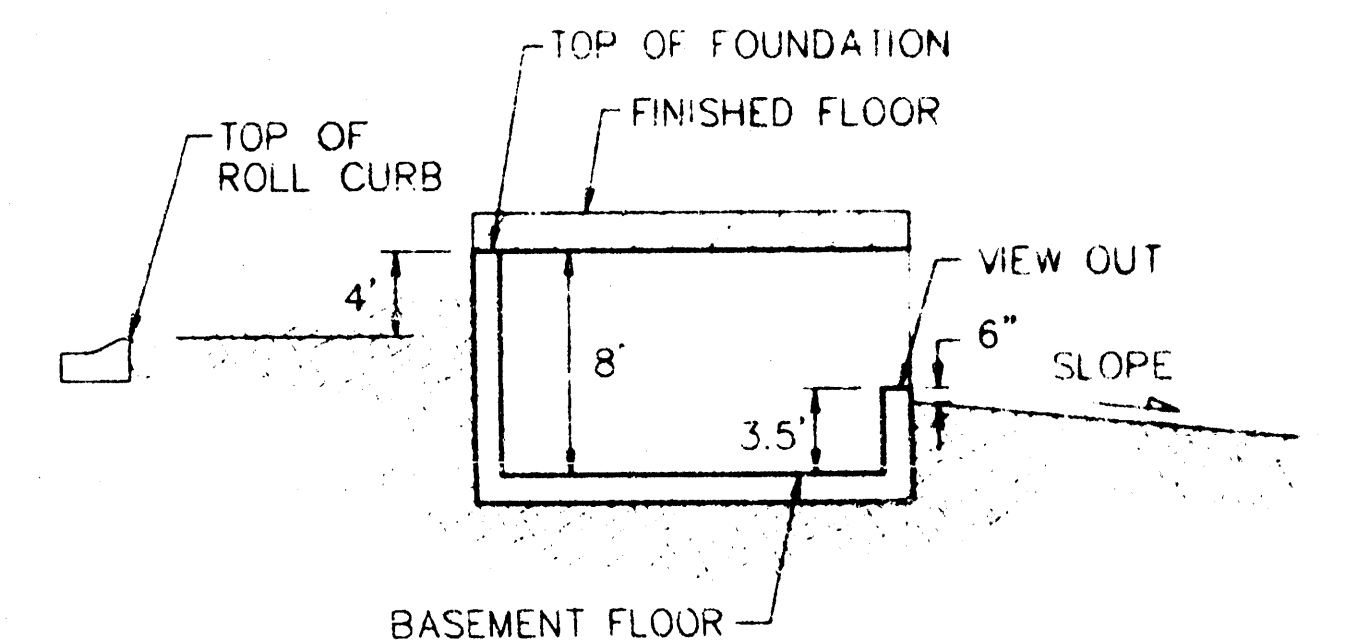
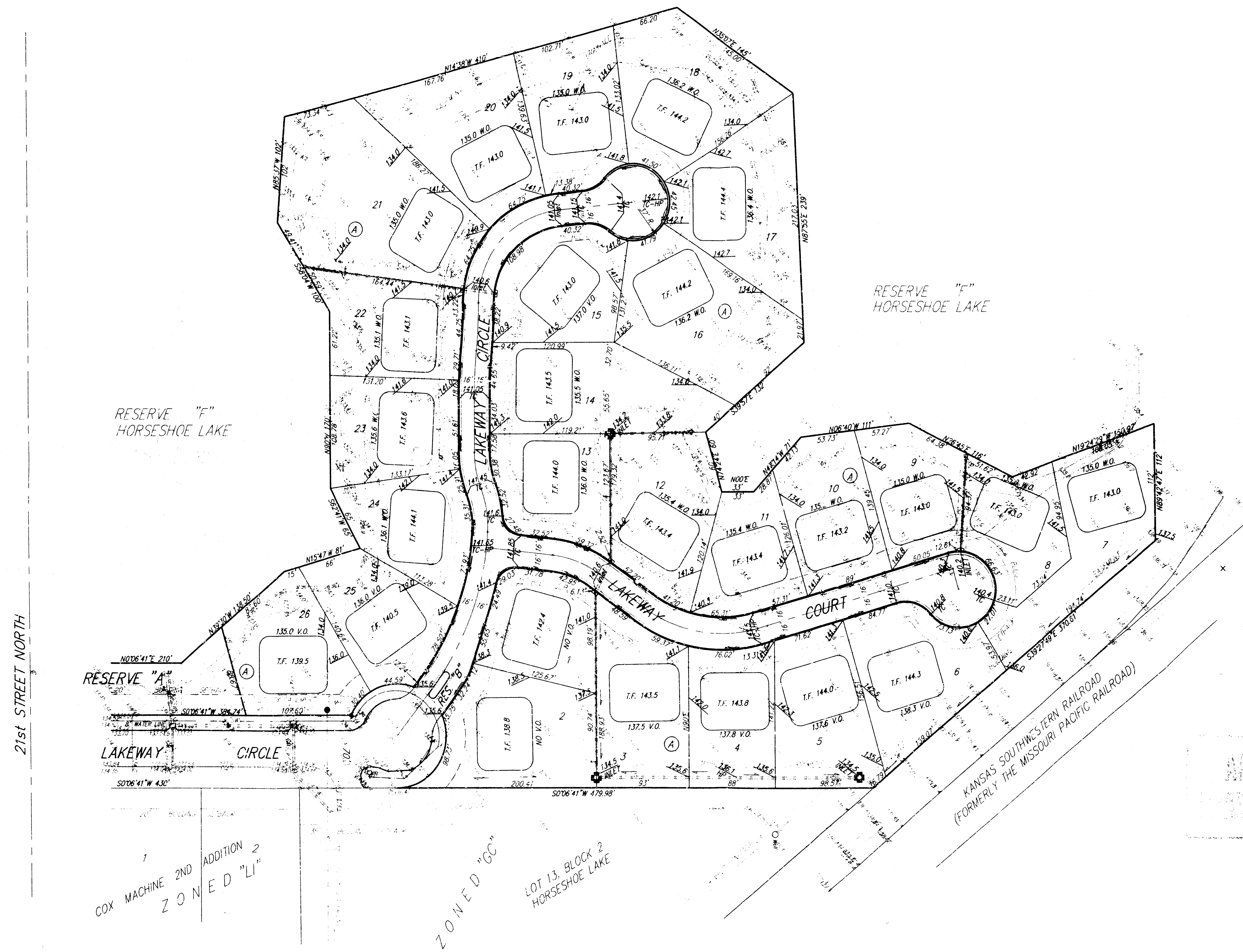
| MINIMUM BUILDING PAD ELEVATION FOR<br>LOWEST OPENING TO THE STRUCTURES |       |            |       |
|------------------------------------------------------------------------|-------|------------|-------|
| LOT                                                                    | BLOCK | ELEVATION  |       |
|                                                                        |       | CITY DATUM | MSL   |
| 1-26                                                                   | A     | 135.0      | 132.4 |

## NOTE:

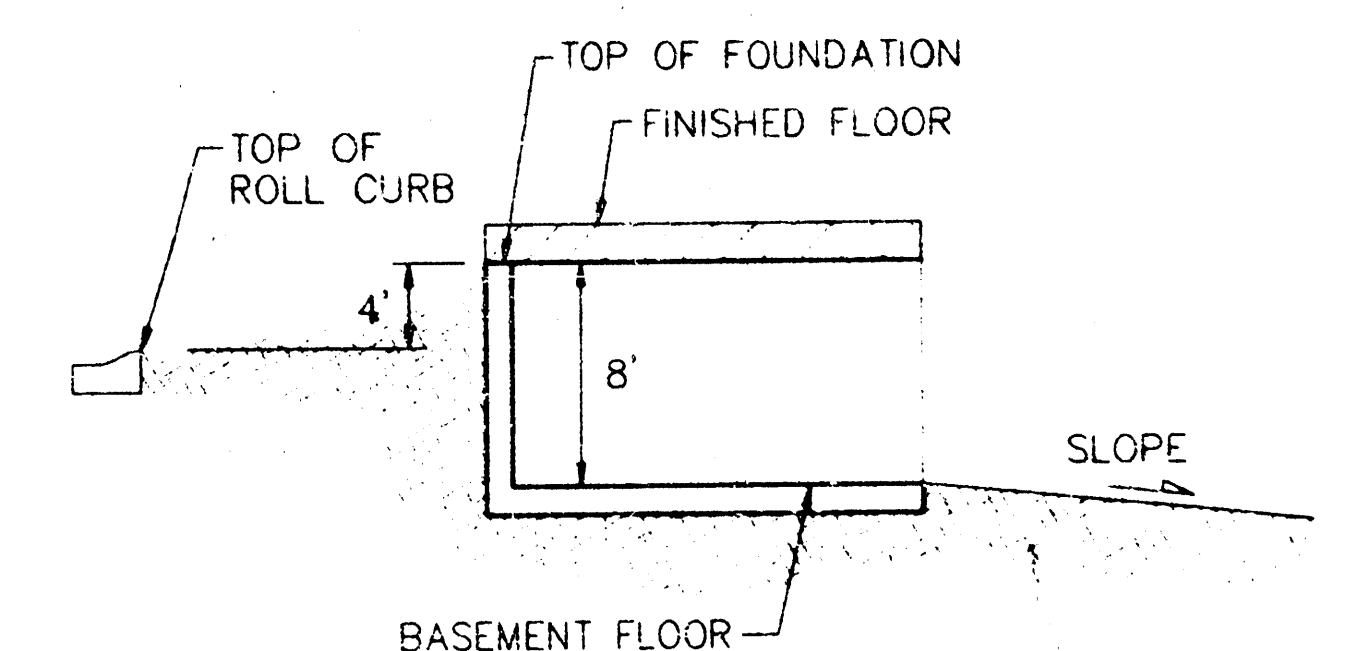
Proposed top of foundation elevations are shown on plans.  
Contractor to set finish floor elevation.

All street elevations shown on plans are for top of curb (full height).

View-out elevations are denoted as XX.X V.O.  
Walk-out elevations are denoted as XX.X W.O.



TYPICAL VIEW OUT  
NO SCALE



TYPICAL WALK OUT  
NO SCALE

REVISION: 5/26/98

## HORSESHOE LAKE 2ND ADDITION GRADING PLAN WICHITA, KANSAS

**BAUGHMAN COMPANY P.A.**  
ENGINEERING, SURVEYING, & PLANNING  
316-262-2377 • 316-262-2378 • WICHITA, KANSAS 67211

| PROJECT NUMBER |       |          |          |
|----------------|-------|----------|----------|
| DESIGN         | DRAWN | APPROVED | DATE     |
| NEW            | JAB   | NEW      | 4/20/98  |
| SCALE          |       |          | 1" = 50' |
| SHEET          |       |          | OF       |