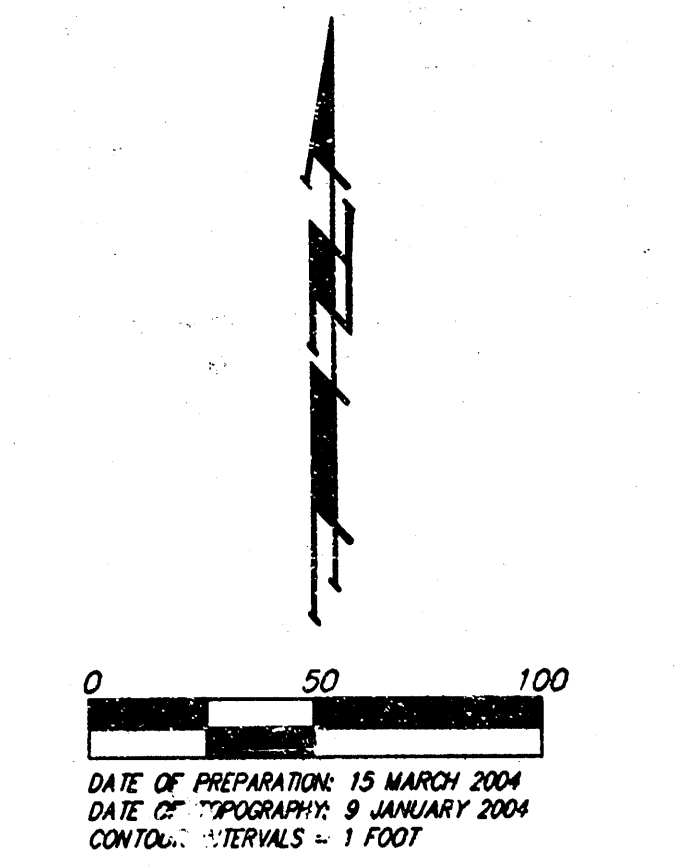
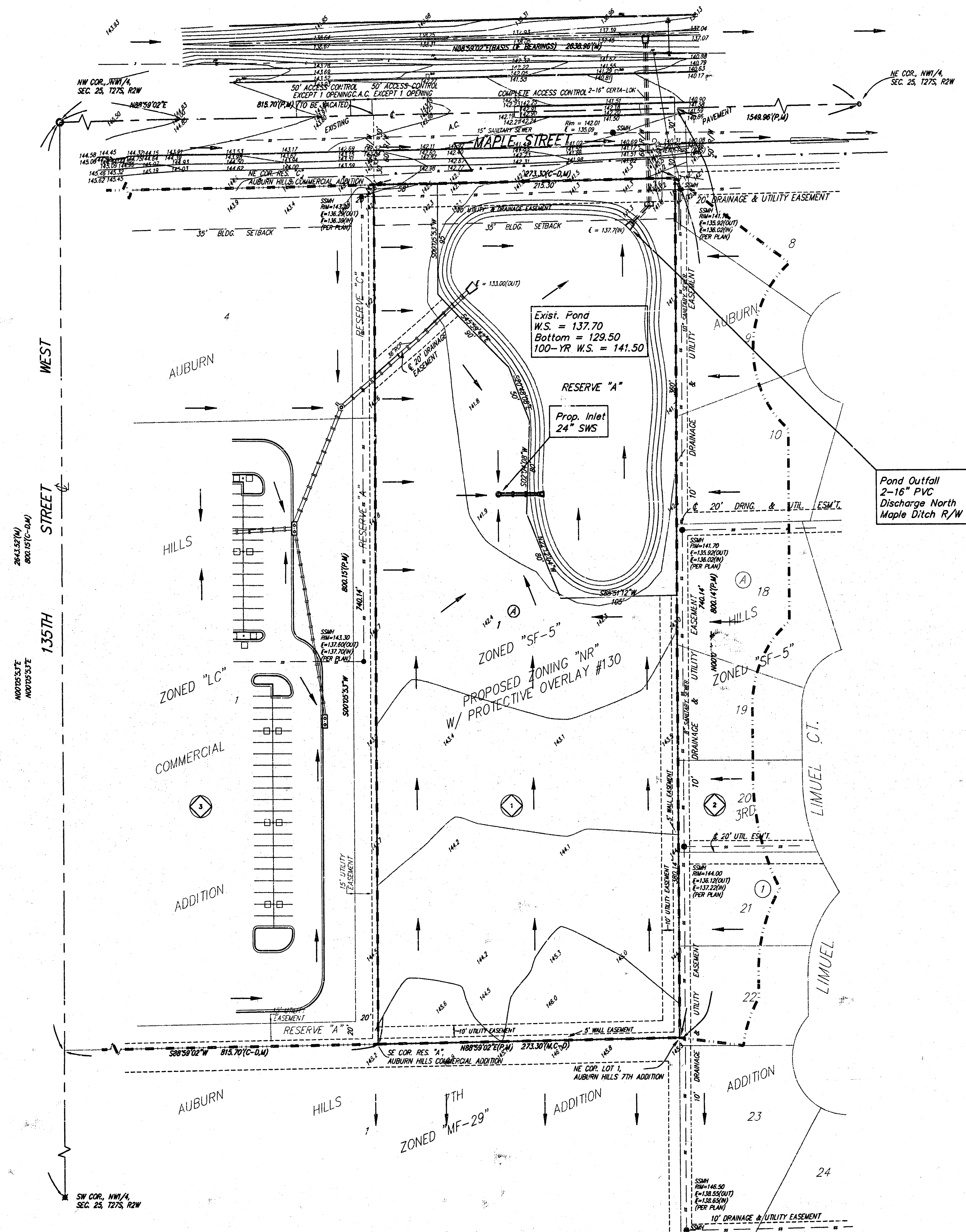


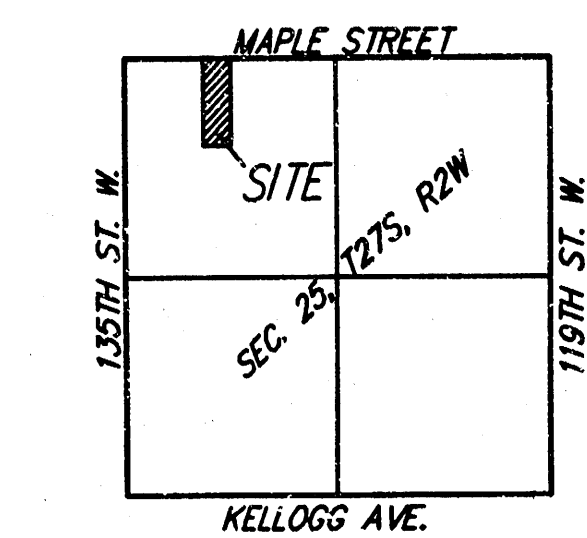
# DRAINAGE PLAN

## AUBURN HILLS COMMERCIAL 3RD ADDITION

### WICHITA, SEDGWICK COUNTY, KANSAS



- = 4\"/>

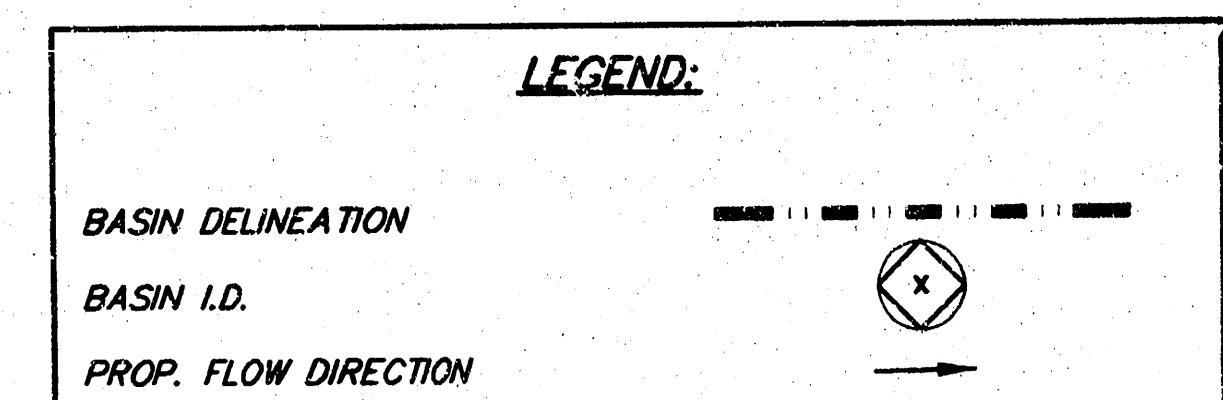


VICINITY MAP

OWNER:  
NEVILLE FAMILY TRUST III  
ATTN: RITA NEVILLE LANDMEYER  
8005 MAPLE  
WICHITA, KANSAS 67209  
727-1230

DESIGNER:  
COWI Branch, NE corner intersection  
135th Street West and Maple on headwall  
34.00 feet SW to section corner iron.  
ELEV. = 150.29 CITY DATUM

| MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES |       |                      |
|----------------------------------------------------------------------|-------|----------------------|
| LOT                                                                  | BLOCK | ELEVATION CITY DATUM |
| 1                                                                    | A     | 143.00               |



AUBURN HILLS COMMERCIAL 3RD ADDITION

Rational Method -  $Q = c i a - t c = 15 \text{ min.}$

| Basin | Area  | C <sub>2</sub> | C <sub>3</sub> | C <sub>100</sub> | Q <sub>2</sub> (cfs) | Q <sub>3</sub> (cfs) | Q <sub>100</sub> (cfs) |
|-------|-------|----------------|----------------|------------------|----------------------|----------------------|------------------------|
| 1     | 4.64  | 0.84           | 0.85           | 0.91             | 14.9                 | 18.0                 | 31.1                   |
| 2     | 1.35  | 0.43           | 0.46           | 0.65             | 2.2                  | 2.8                  | 6.5                    |
| 3     | 12.69 | 0.84           | 0.85           | 0.91             | 40.8                 | 49.2                 | 85.1                   |
| TOTAL | 18.68 |                |                |                  | 58.0                 | 70.0                 | 122.7                  |