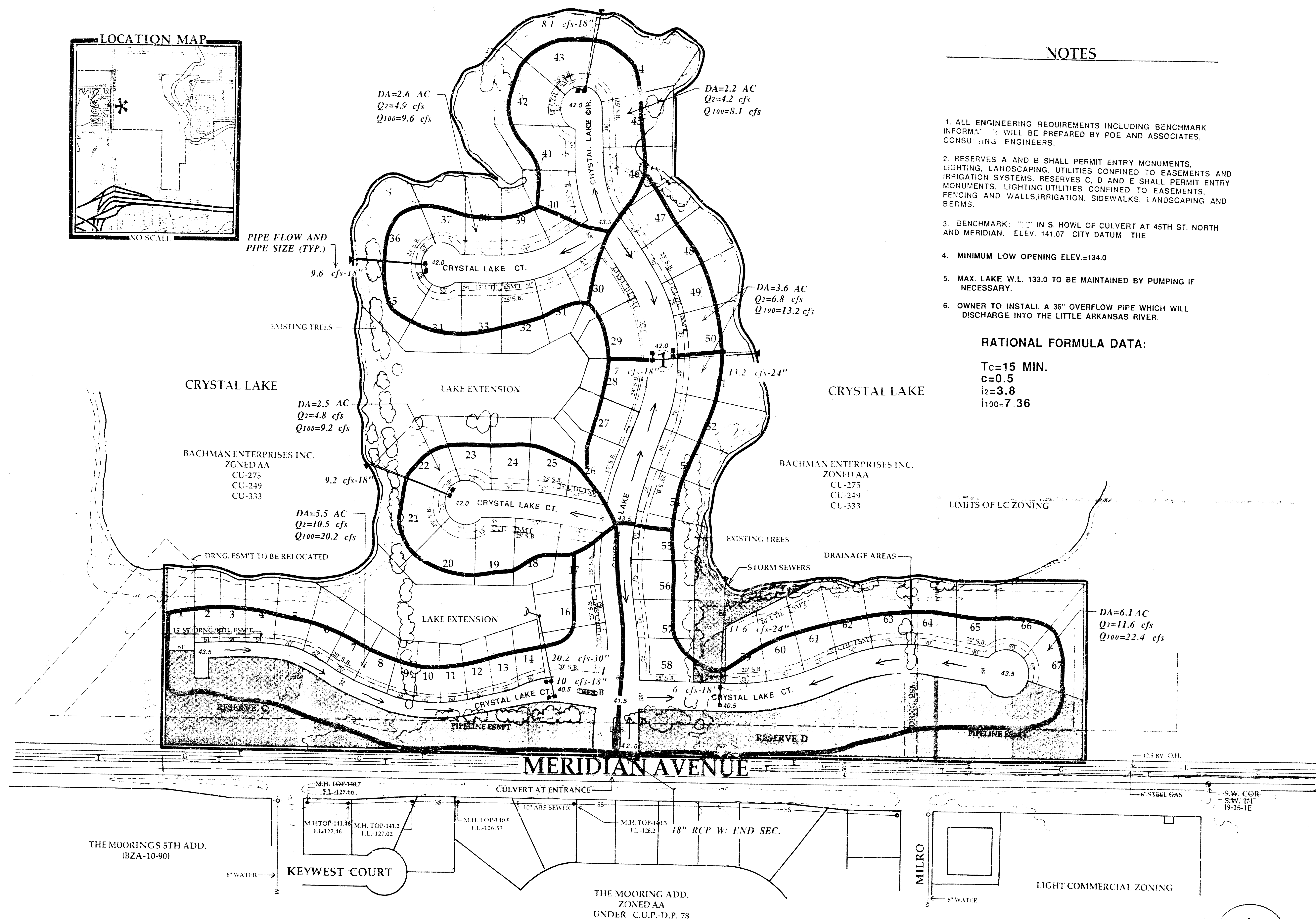
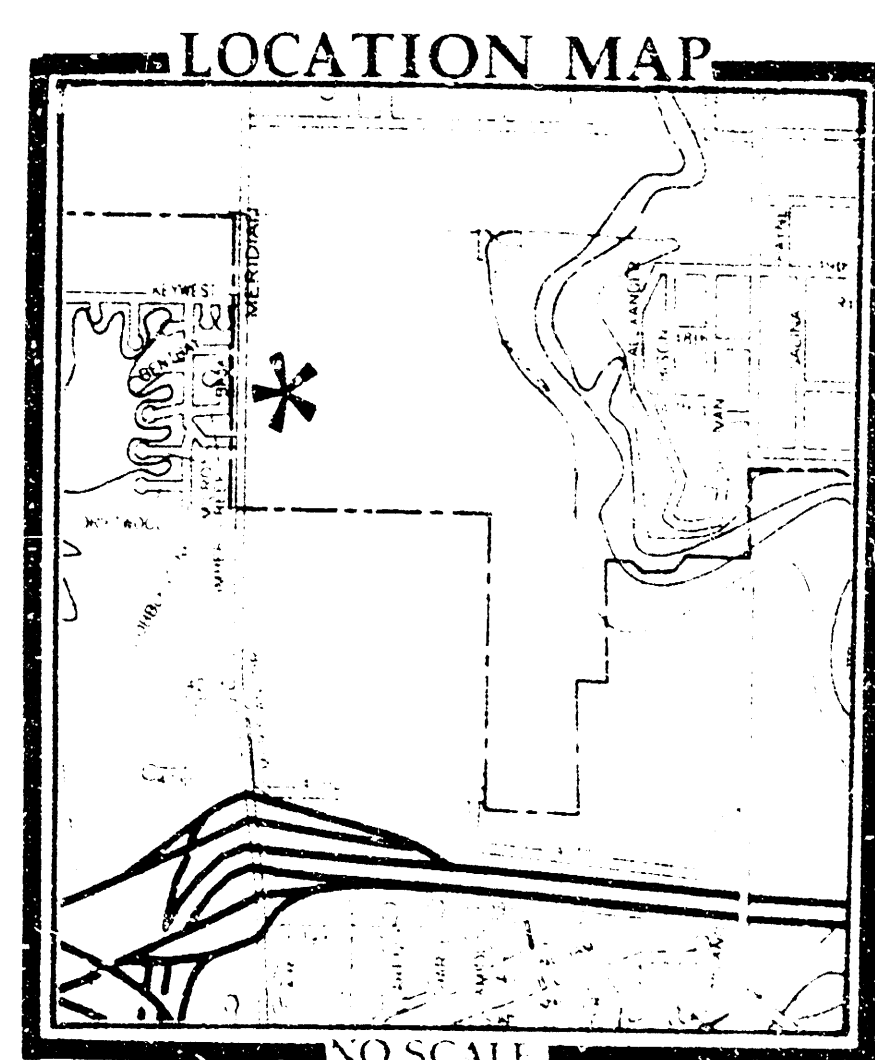




PRELIMINARY PLAT HARBOR ISLE

OWNER: BRAD BACHMAN CONSTRUCTION INC. 4833 PORTWEST CIRCLE, WICHITA, KANSAS 67204 PH. (316) 838-7034 FAX (316) 838-6789

DRAINAGE PLAN

BY FOE AND ASSOCIATES OF
KANSAS, INC. 12-16-93

NOTES

1. ALL ENGINEERING REQUIREMENTS INCLUDING BENCHMARK INFORMATION WILL BE PREPARED BY POE AND ASSOCIATES, CONSULTING ENGINEERS.
2. RESERVES A AND B SHALL PERMIT ENTRY MONUMENTS, LIGHTING, LANDSCAPING, UTILITIES CONFINED TO EASEMENTS AND IRRIGATION SYSTEMS. RESERVES C, D AND E SHALL PERMIT ENTRY MONUMENTS, LIGHTING, UTILITIES CONFINED TO EASEMENTS, FENCING AND WALLS, IRRIGATION, SIDEWALKS, LANDSCAPING AND BERMS.
3. BENCHMARK: "X" IN S. HOWL OF CULVERT AT 45TH ST. NORTH AND MERIDIAN. ELEV. 141.07 CITY DATUM THE
4. MINIMUM LOW OPENING ELEV.=134.0
5. MAX. LAKE W.L. 133.0 TO BE MAINTAINED BY PUMPING IF NECESSARY.
6. OWNER TO INSTALL A 36" OVERFLOW PIPE WHICH WILL DISCHARGE INTO THE LITTLE ARKANSAS RIVER.

RATIONAL FORMULA DATA:

$T_c=15$ MIN.
 $c=0.5$
 $i_2=3.8$
 $i_{100}=7.36$

BILL G. YUNG DESIGN

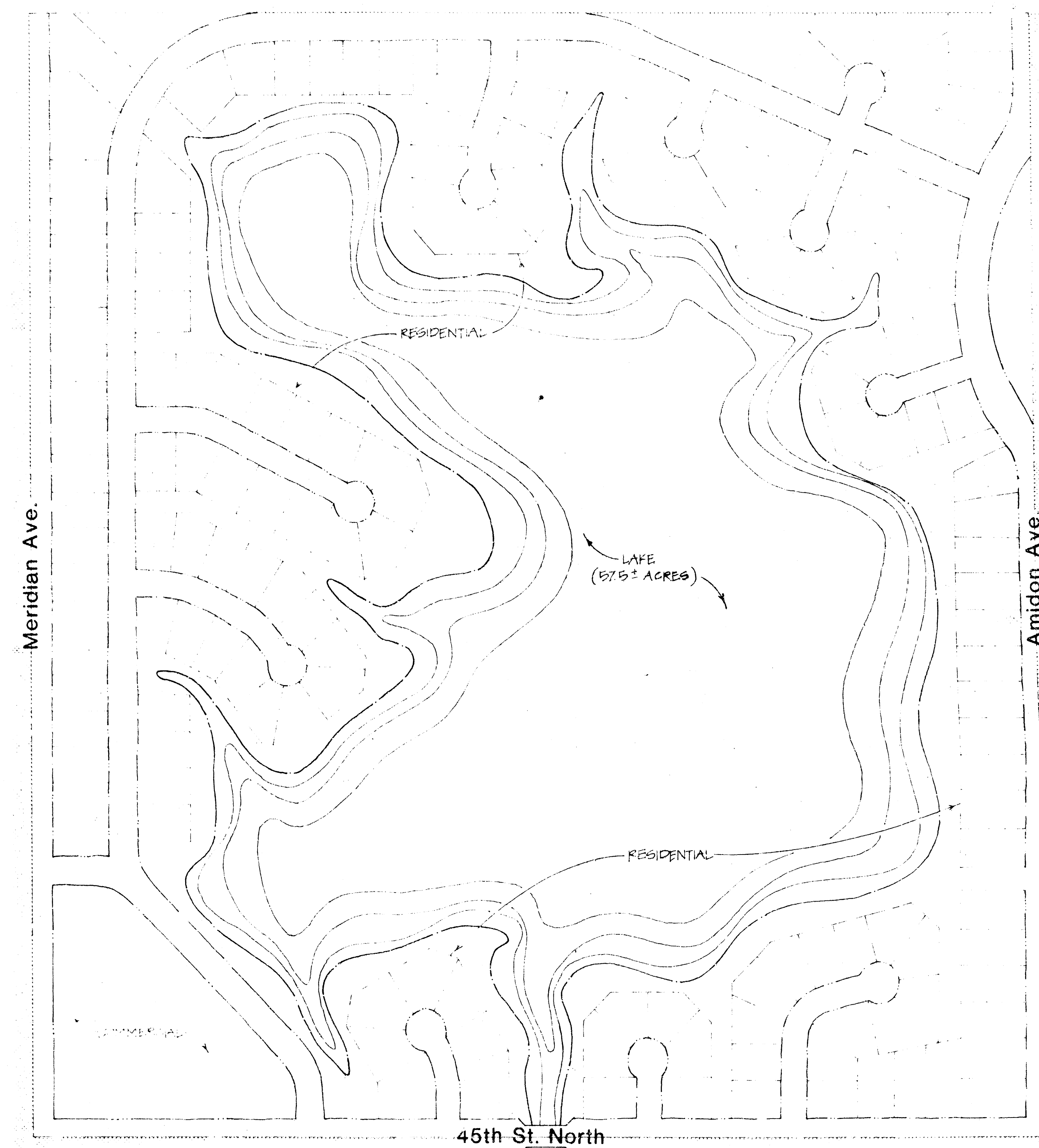
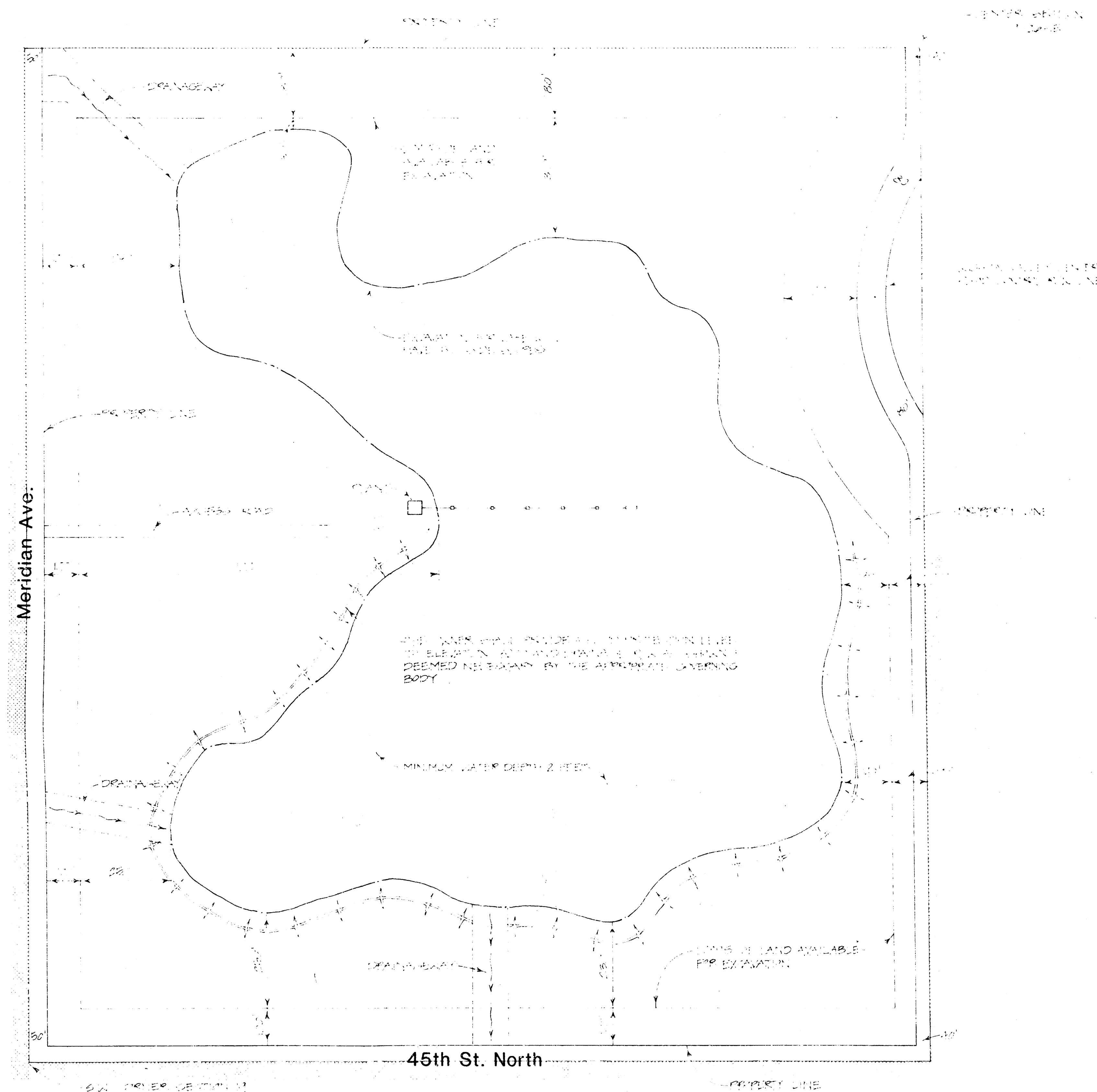
DATE 8-13-93
REV.

SHEET TITLE PRELIMINARY PLAT

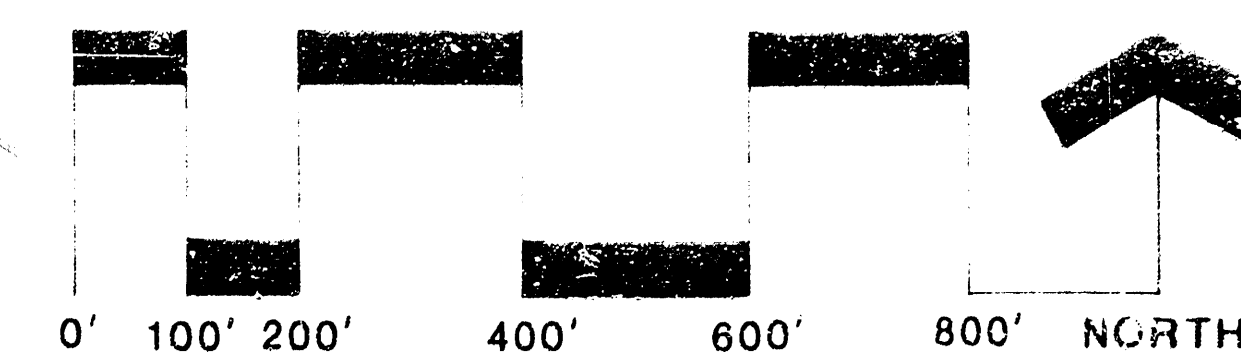
PROJECT CRYSTAL LAKE

OF
SHEETS





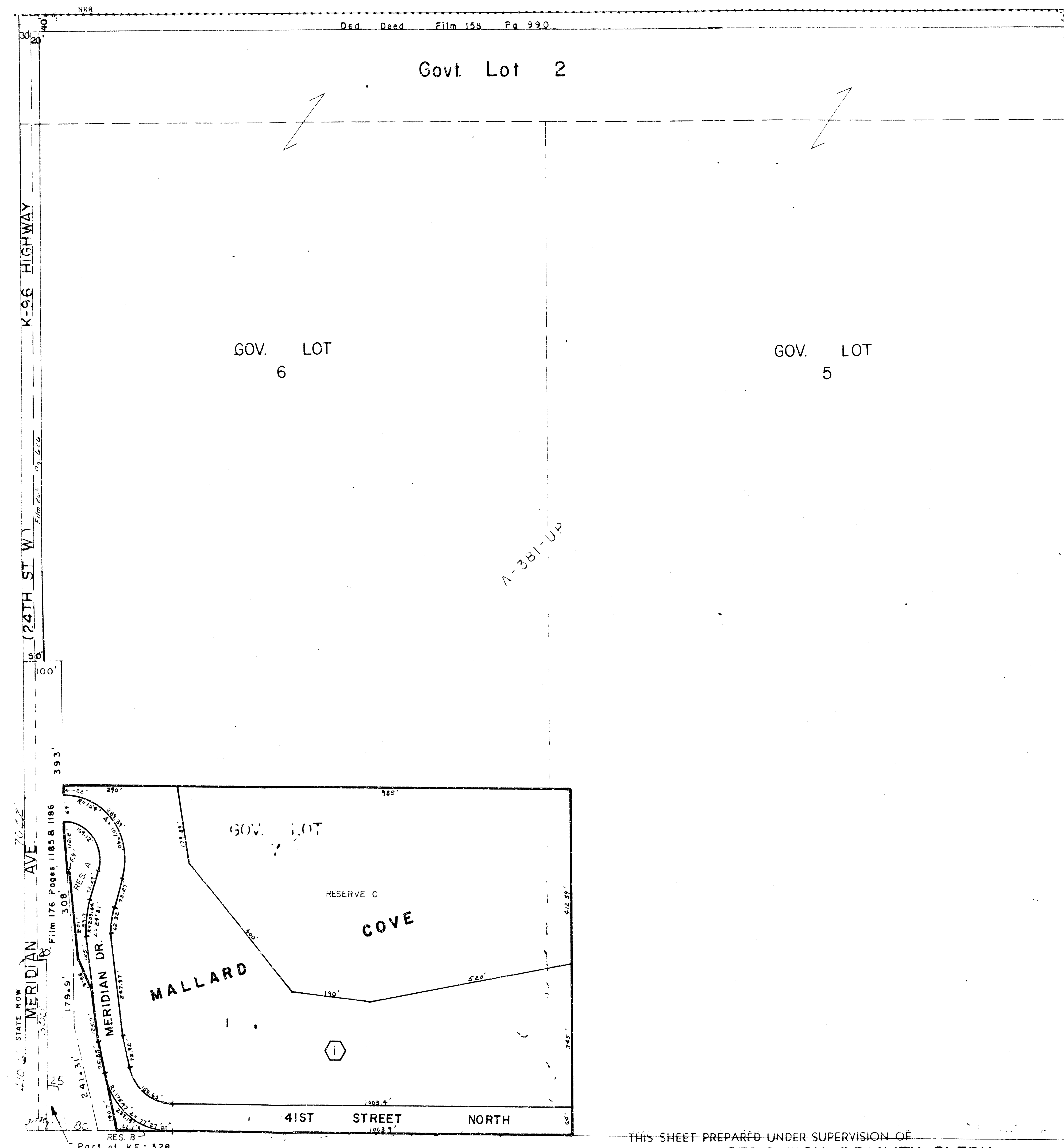
MILES SAND, INC.



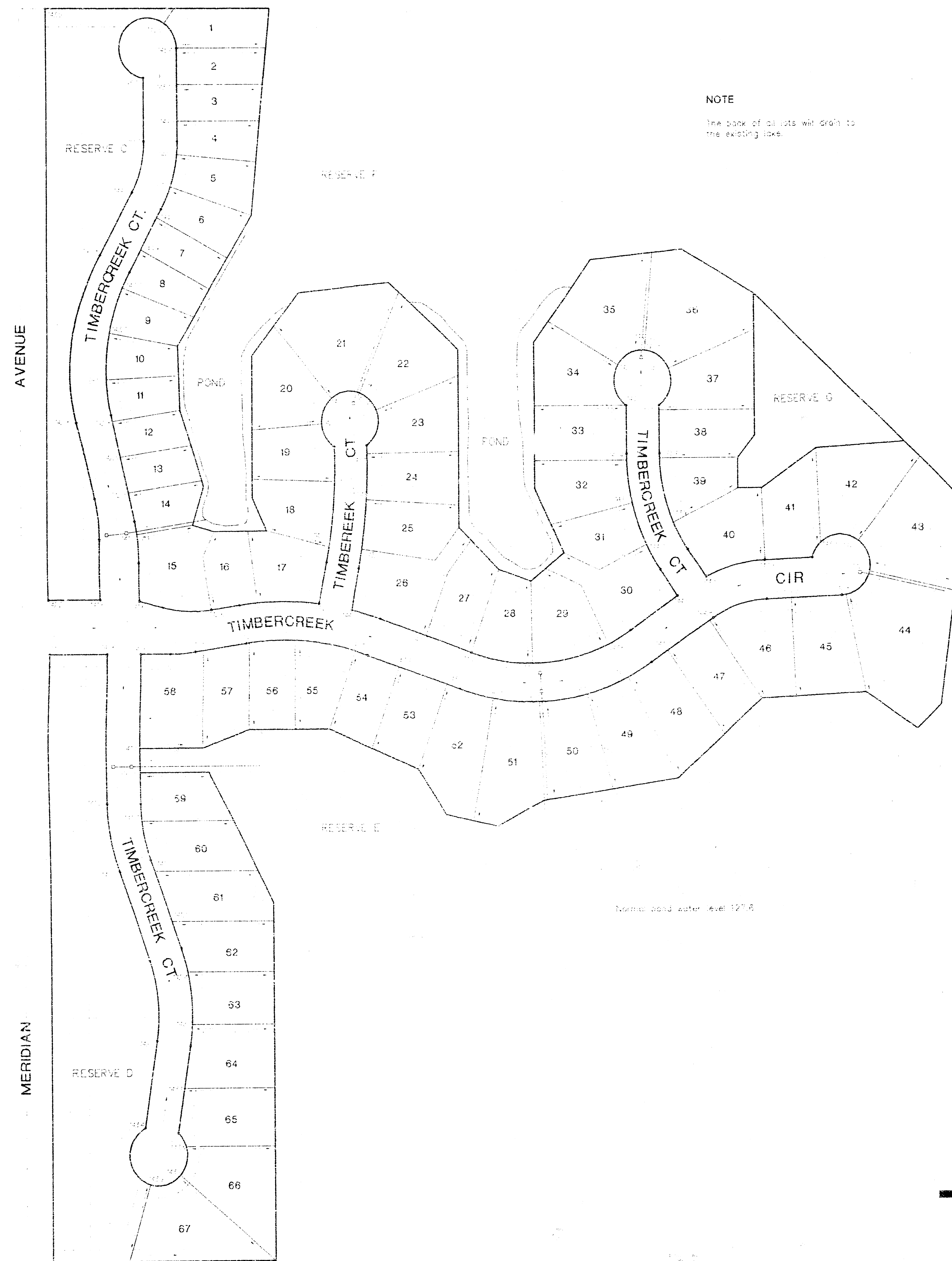
8 - 19

N.W. ¼ SEC. 30 TWP. 26S. R. 1 E.

KE
118



THIS SHEET PREPARED UNDER SUPERVISION OF
DOROTHY K. WHITE, SEDGWICK COUNTY CLERK



NOTE
The back of all lots will drain to the existing lake.

NOTE
The minimum low opening elevation for homes built in this addition shall be 134.0 (City of Wichita Datum) 1321.4 (MSL)
The minimum basement floor elevation for homes built in this addition shall be 131.0 (City of Wichita Datum) 1298.4 (MSL)

BENCHMARKS
1. "BM" on southwest corner of north meadow at Meridian Avenue and Mikro.
Elev. 133.85 (City of Wichita Datum)

Normal pond water level 127.6

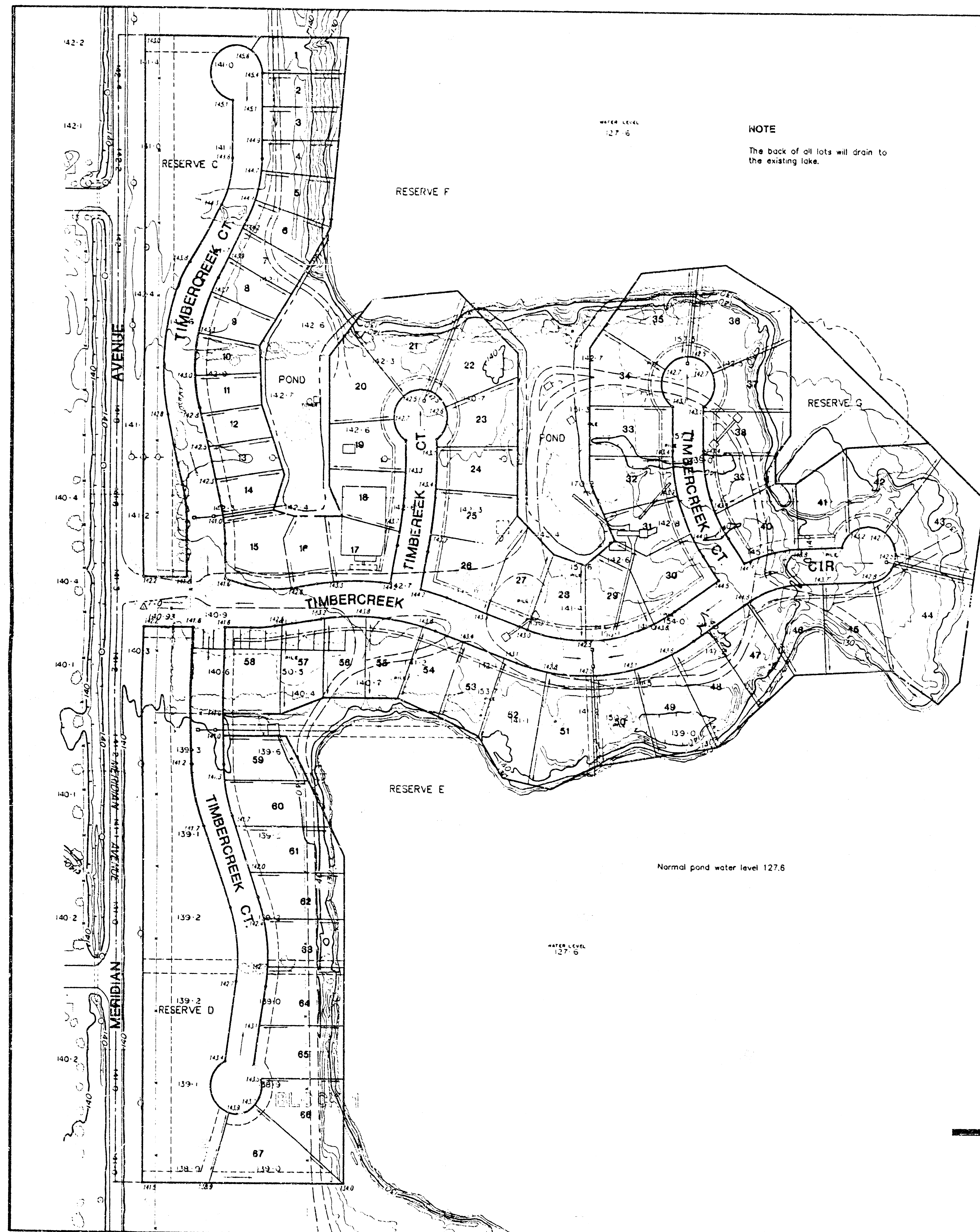
LOT GRADING PLAN

HARBOR ISLE ADDITION

TO WICHITA - SEDGWICK COUNTY, KANSAS

July 26, 1994

**APPROVED
DRAINAGE PLAN**



NOTE

The back of all lots will drain to the existing lake.

Scale 1" = 100'

NOTE

The minimum low opening elevation for homes built in this addition shall be 134.0 (City of Wichita Datum) 1321.4 (MSL)

The minimum basement floor elevation for homes built in this addition shall be 131.0 (City of Wichita Datum) 1318.4 (MSL)

BENCHMARKS

1. "□" cut on southwest corner of north headwall at Meridian Avenue and Miksa. Elev. 139.85 (City of Wichita Datum)