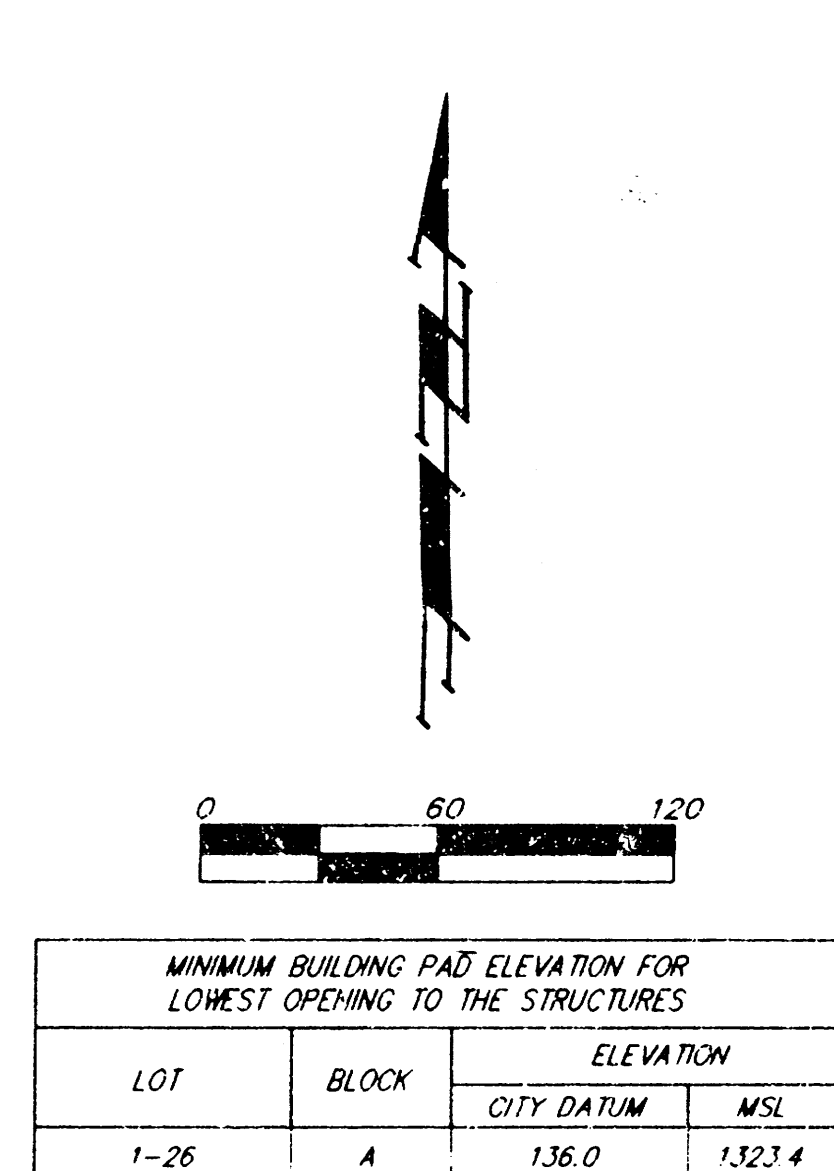
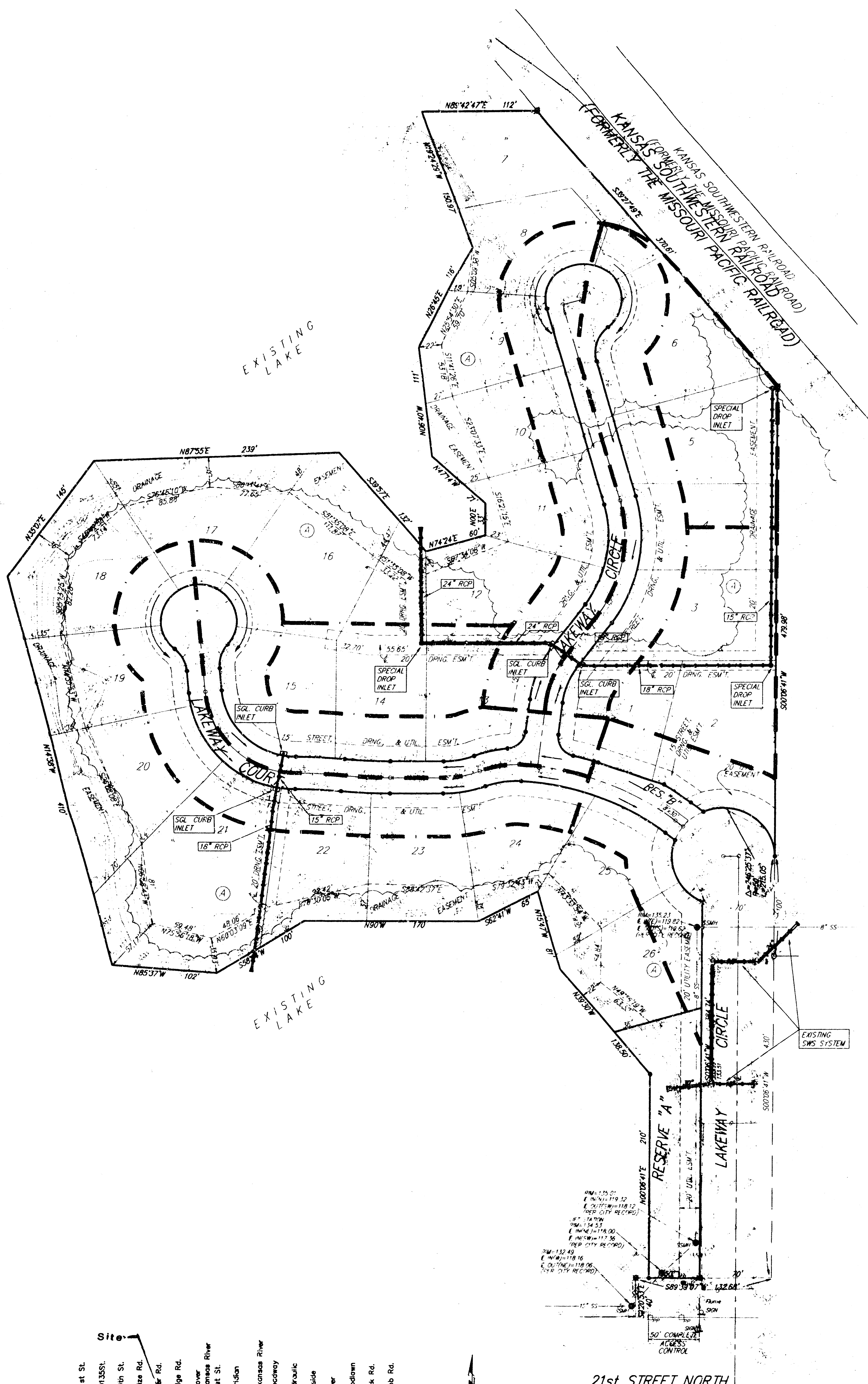


DRAINAGE PLAN

HORSESHOE LAKE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



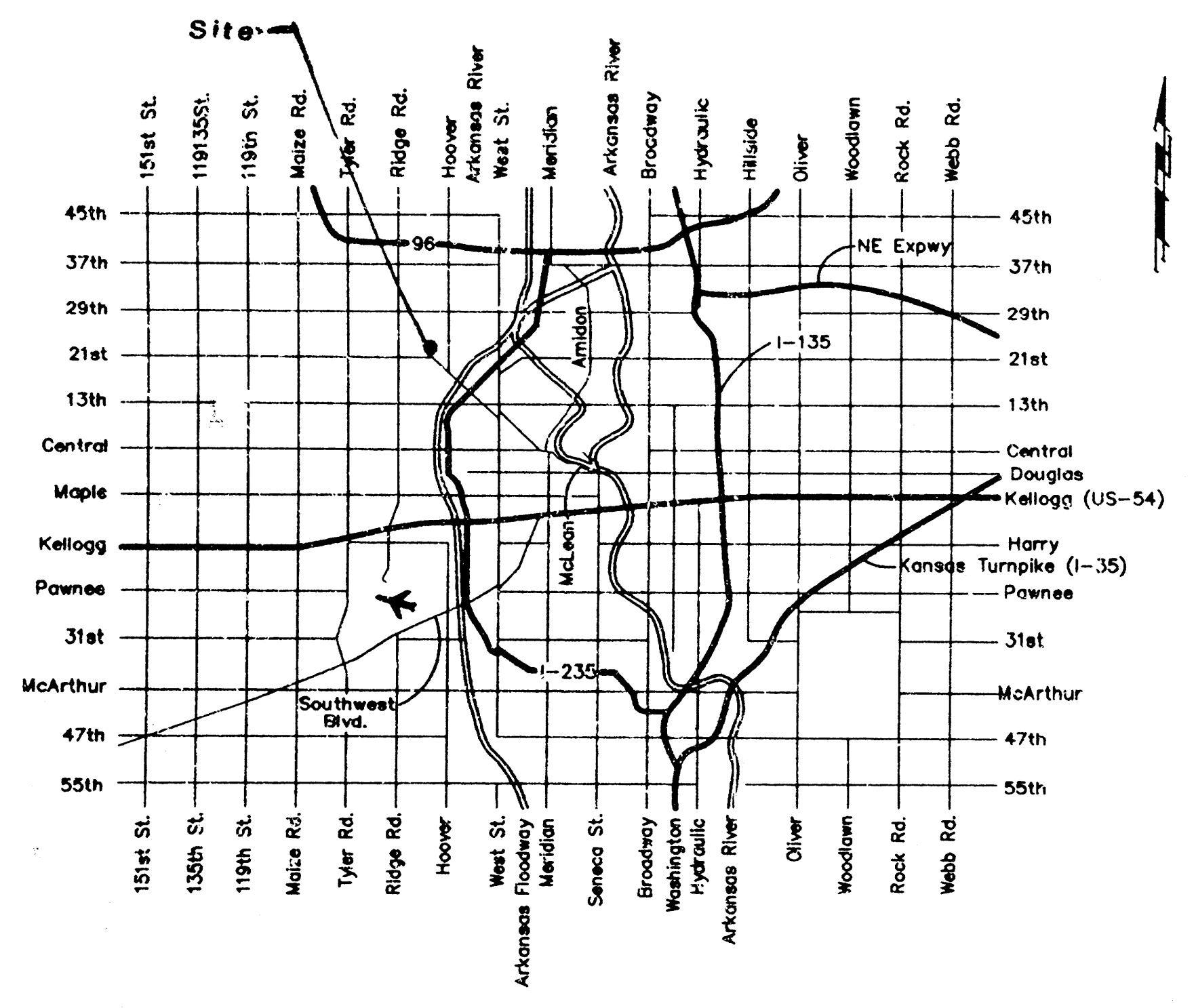
LEGEND:

- = 4\"/>

BENCHMARK:

* CUT OVER IRON, WEST P.C. OF LAKEWAY
 CIRCLE DIA. 48\"/>

Drainage Area	Area (acres)	C _s	C ₁₀₀	T _c (min.)	I _s (in/hr)	I ₁₀₀ (in/hr)	Q _s (cfs)	Q ₁₀₀ (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



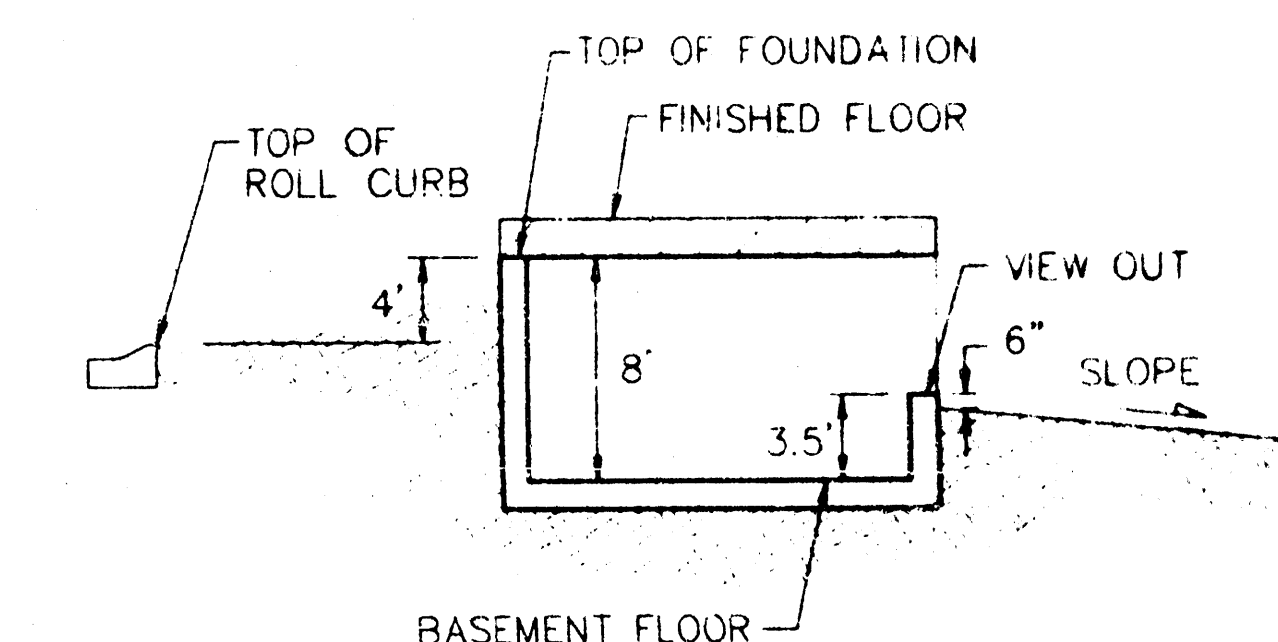
MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES			
LOT	BLOCK	ELEVATION	
		CITY DATUM	MSL
1-26	A	135.0	132.4

NOTE:

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

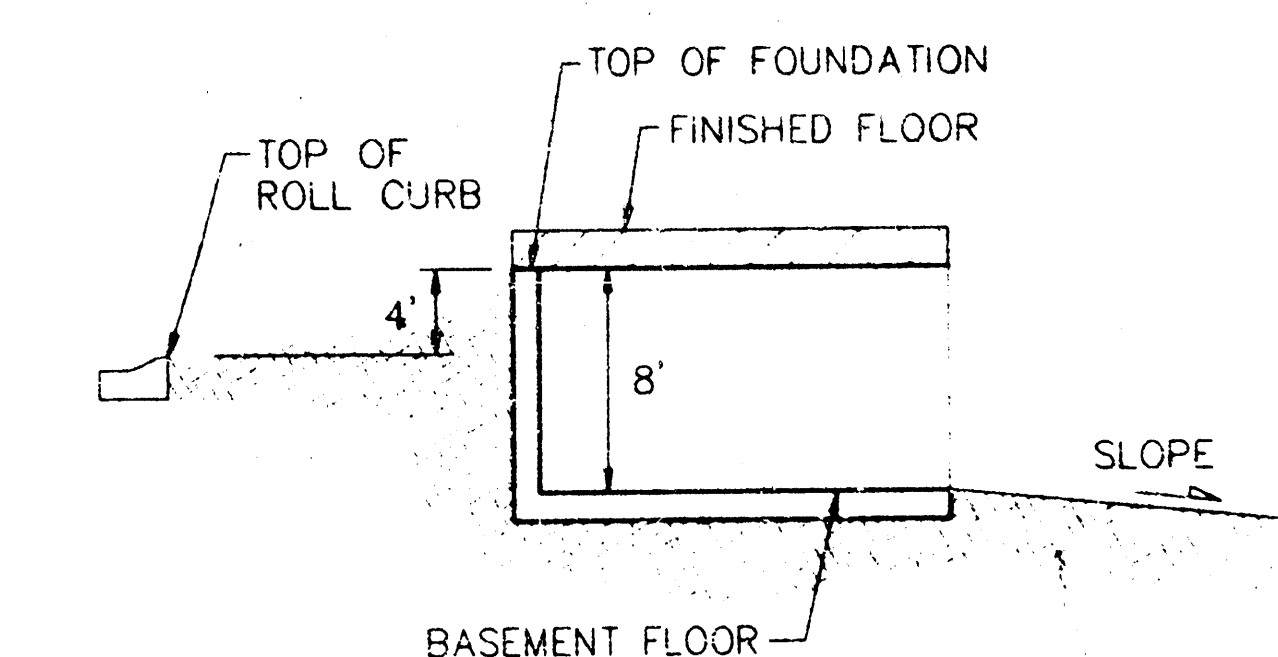
All street elevations shown on plans
are for top of curb (full height).

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



TYPICAL VIEW OUT

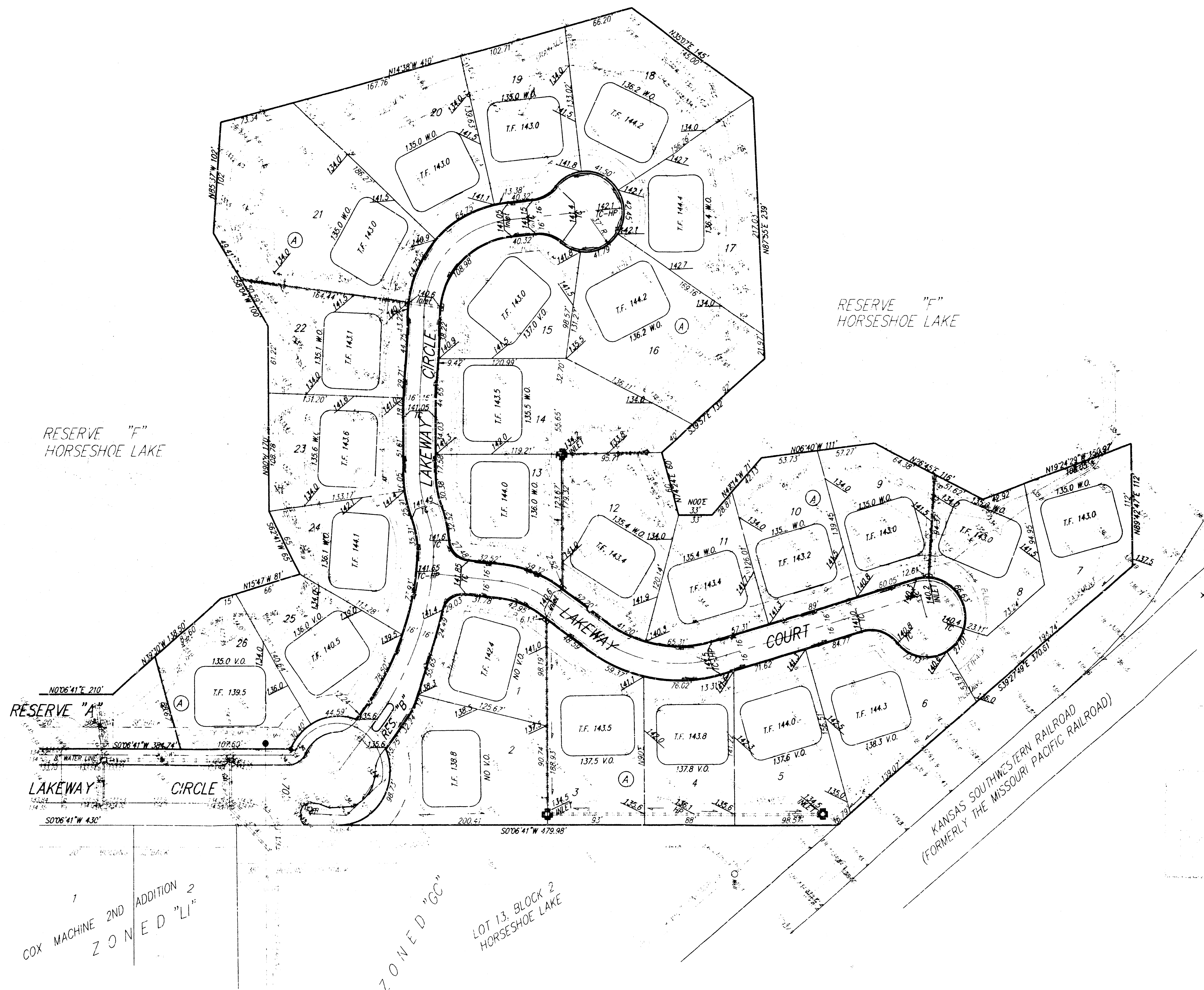
NO SCALE



TYPICAL WALK OUT

NO SCALE

21st STREET NORTH



COX MACHINE 2ND ADDITION
ZONED "LI"

ZONED "GC"
LOT 13, BLOCK 2
HORSESHOE LAKE

KANSAS SOUTHWESTERN RAILROAD
(FORMERLY THE MISSOURI PACIFIC RAILROAD)

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			SHEET
1" = 50'			OF