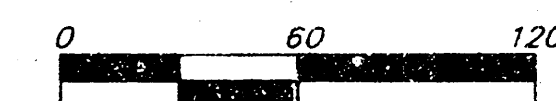


DRAINAGE PLAN

CUSTER ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

OFF-SITE FLOW
D.A. = 180 ac.
T₂ = 120 min.
Q₂ = 100 cfs
Q₁₀₀ = 230 cfs

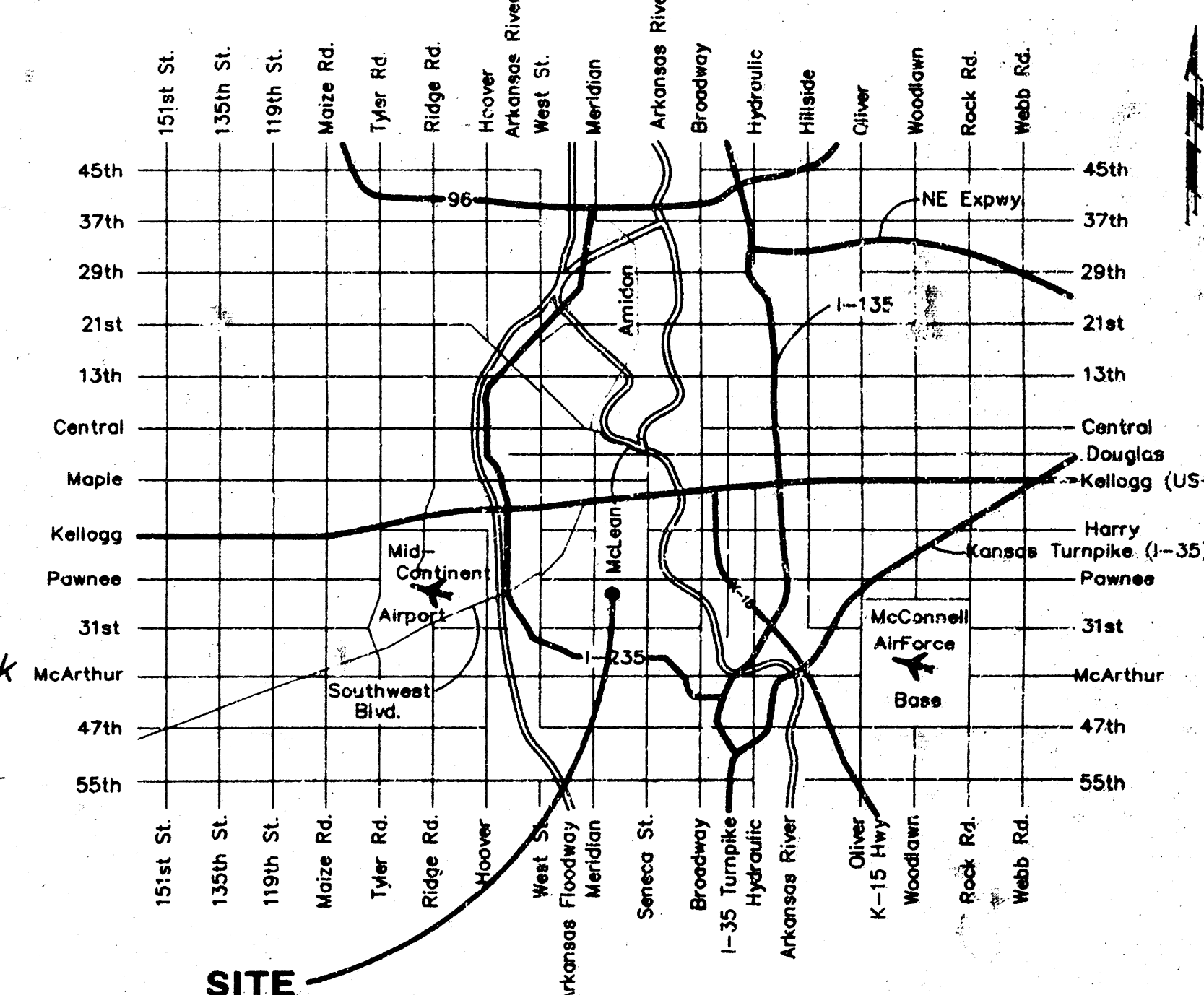


- = #4 Baughman Rebar (Set)
- = 3/4" Iron Pipe (Found)
- = 1/2" Iron Pipe (Found)
- DP = Delineator Post
- FH = Fire Hydrant
- LP = Light Pole
- MB = Man Box
- Sign = Sign
- SSMH = Sanitary Sewer Manhole
- SWH = Southwestern Bell Pedestal
- T = Tree
- WM = Water Meter
- VB = Valve Box

BENCHMARK: City of Wichita Benchmark
SW cor. intersection, South lateral to rebar
concrete box at Sheridan and 31st St. So.
SE cor. RCBG.
Elevation = 1023.524

LOT	CITY DATUM	M.S.L.
1	99.0	1296.4
18-20	99.0	1296.4
37-39	99.0	1296.4
56-58	99.0	1296.4
75	99.0	1296.4

Drainage Area	Area (acres)	C ₁	C ₁₀₀	T ₂ (min.)	I ₁ (in/hr)	I ₁₀₀ (in/hr)	Q ₂ (cfs)	Q ₁₀₀ (cfs)
1	2.2	0.45	0.45	15	3.83	7.36	3.8	7.3
2	2.1	0.54	0.54	15	3.83	7.36	4.3	8.3
3	2.2	0.45	0.45	15	3.83	7.36	3.6	7.36
4	2.1	0.54	0.54	15	3.83	7.36	4.3	8.3
5	2.2	0.45	0.45	15	3.83	7.36	3.6	7.36
6	2.1	0.54	0.54	15	3.83	7.36	4.3	8.3
7	2.2	0.45	0.45	15	3.83	7.36	3.6	7.36
8	1.9	0.54	0.54	15	3.83	7.36	3.9	7.6
9	1.9	0.54	0.54	15	3.83	7.36	3.9	7.6



SITE LOCATION MAP

BENCHMARK
CITY OF WICHITA BENCHMARK DISC - SW COR.
OF THE INTERSECTION OF SHERIDAN AND 31ST
STREET SOUTH ON THE SOUTH HANDRAIL TO
REINFORCED CONC. BOX AT THE SE COR. OF
SAID REINFORCED CONC. BOX.
ELEV. = 103.524 CITY DATUM

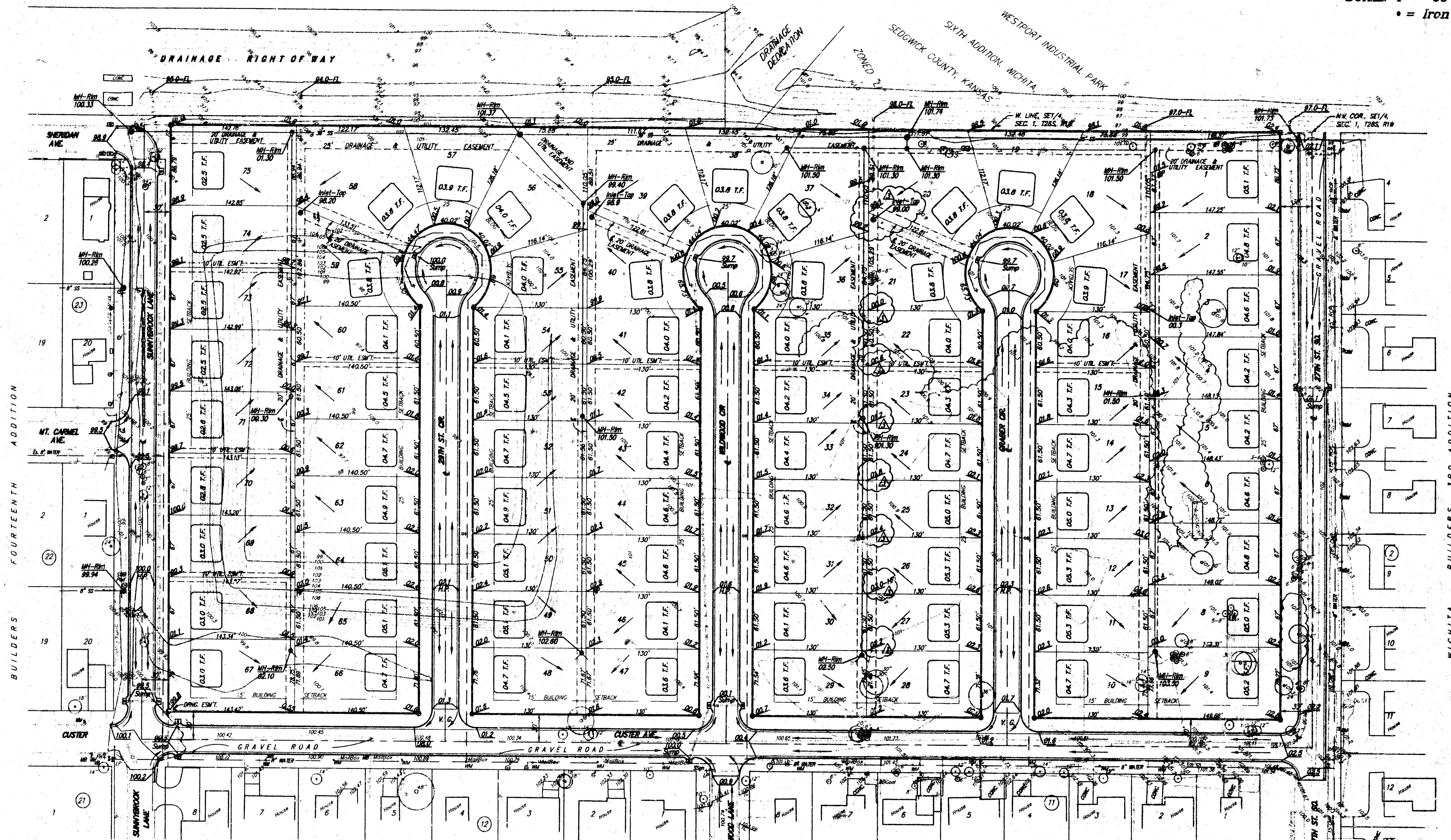
SCALE: 1" = 60'
• = Iron

NOTES:

Proposed Top of Foundation Elevations
Are Shown On Plans. Contractor to
Set Finished Floor Elevations.

All Street Elevations Shown on Plans
Are for Top of Curb (Full-Height).

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENINGS TO THE STRUCTURES		
LOT	ELEVATION	
	CITY DATUM	M.S.L.
1	98.0	1206.4
18-20	98.0	1206.4
37-39	98.0	1206.4
55-58	98.0	1206.4
75	98.0	1206.4



REVISION RECORD				
3	10/30/98	Rear Lot Grade Adjustments	TMG	NBW
2	10/05/98	Rear Lot Grade Adjustments	TMG	NBW
1	8/13/98	Rear Yard to 1%	JAK	NBW
NO.	DATE	DESCRIPTION	DR.	BY

APPROVED
DRAINAGE PLAN

CUSTER ADDITION GRADING PLAN WICHITA, KANSAS	
BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-264-7271 • 313 E. 10TH • WICHITA, KANSAS 67211	
PROJECT NUMBER	
DESIGN NBW	DRAWN JAK
APPROVED	DATE 10-30-98
SCALE 1" = 60'	