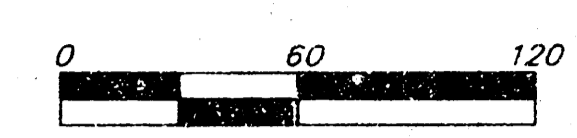


DRAINAGE PLAN

CUSTER ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

OFF-SITE FLOW
 D.A. = 180 ac.
 T₂ = 120 min.
 C₁ = 100 cfs
 C₁₀ = 230 cfs

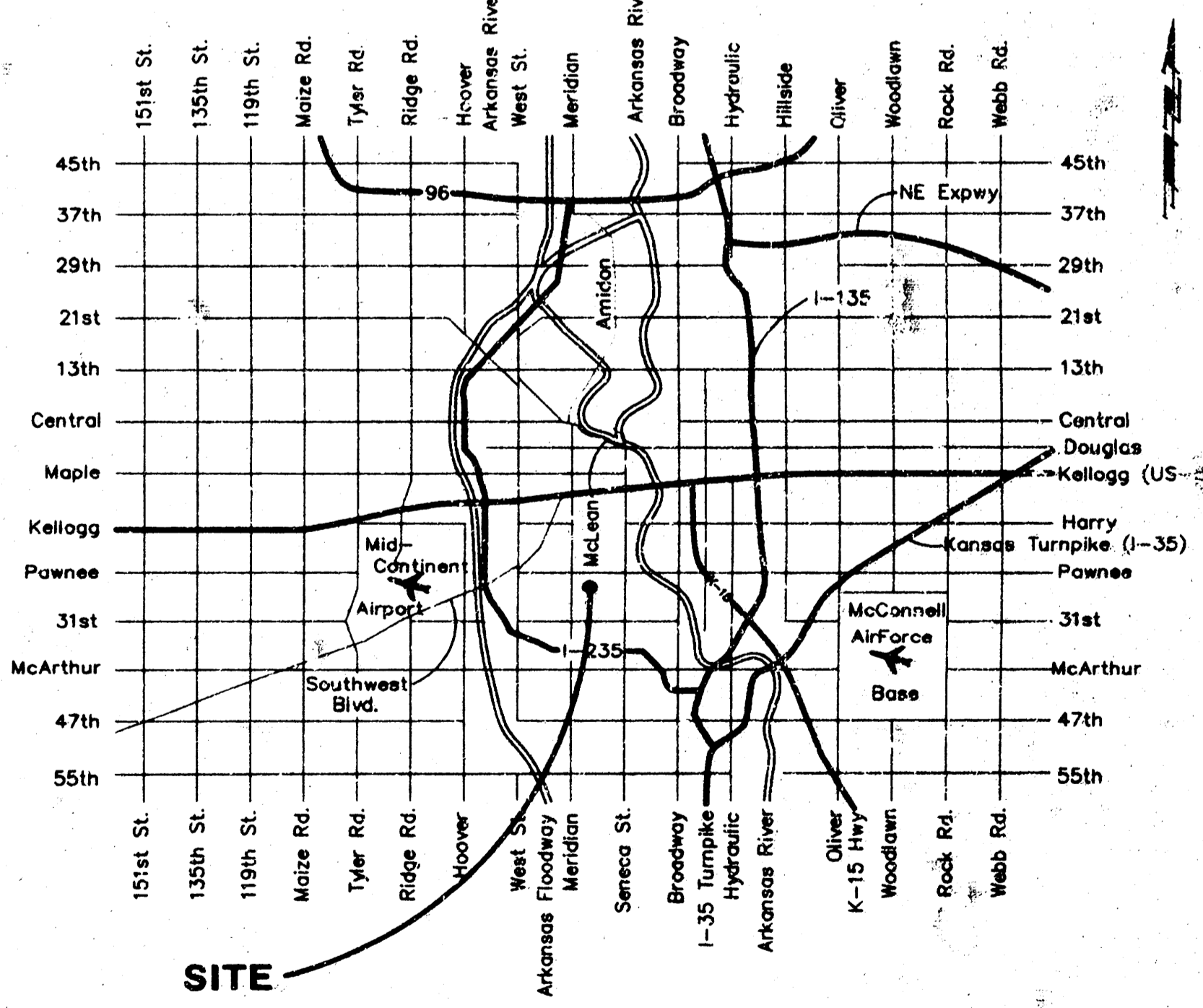
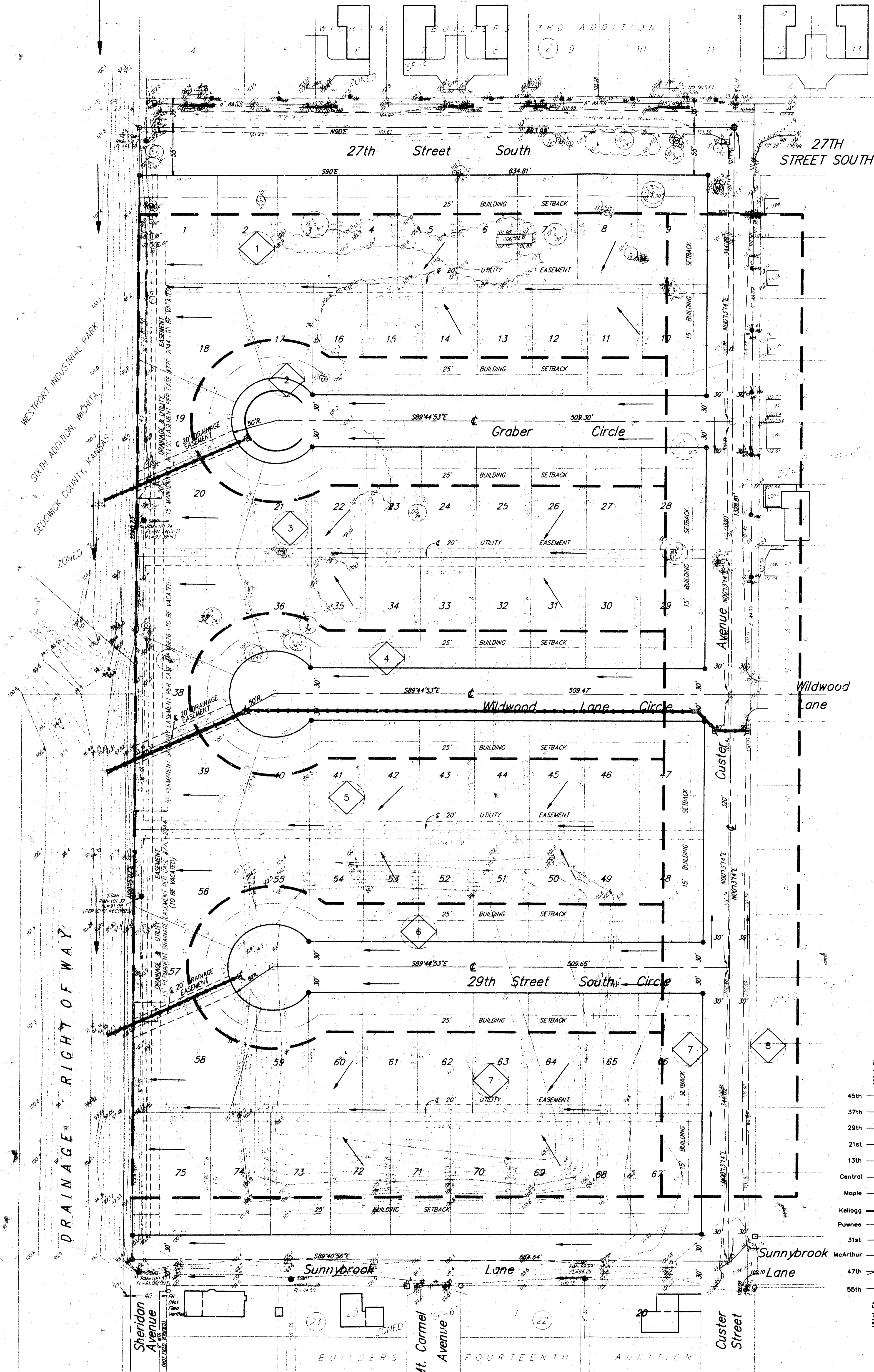


- = #4 Baughman Rebar (Set)
- = 3/4" Iron Pipe (Found)
- = 1/2" Iron Pipe (Found)
- = DP = Delinitor Post
- = FH = Fire Hydrant
- = LP = Light Pole
- = MB = Man Box
- = Sign = Sign
- = SSMH = Sanitary Sewer Manhole
- = SWB Ped = Southwestern Bell Pedestal
- = T = Tree
- = WM = Water Meter
- = VB = Valve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

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

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENINGS TO THE STRUCTURES		
LOT	CITY DATUM	M.S.L.
1	99.0	1296.4
18-20	99.0	1296.4
37-59	99.0	1296.4
56-58	99.0	1296.4
75	99.0	1296.4

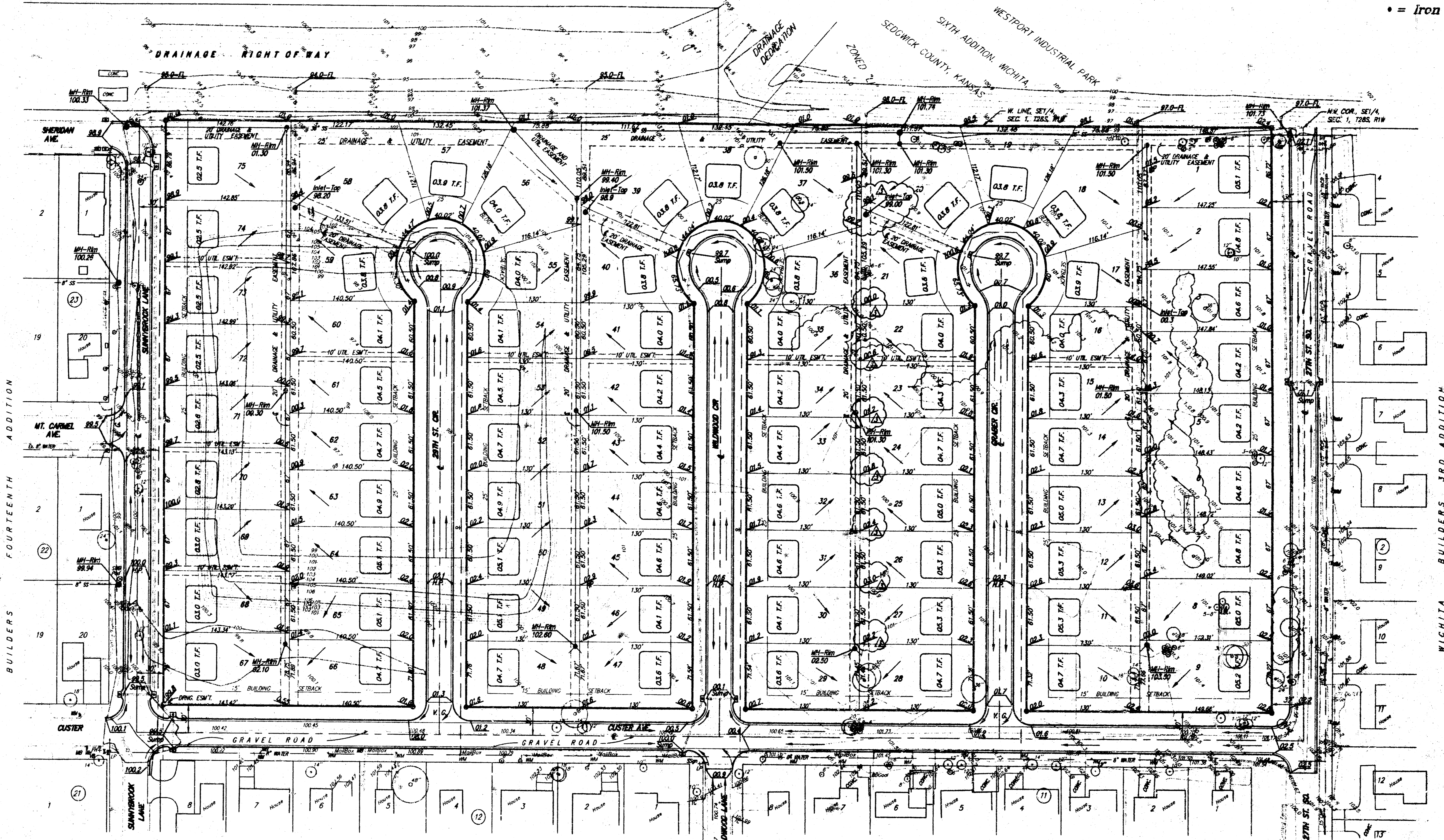
Drainage Area	Area (acres)	C ₁	C ₁₀	T ₂ (min.)	I ₁ (in/hr)	I ₁₀ (in/hr)	Q ₁ (cfs)	Q ₁₀ (cfs)
1	2.2	0.45	0.45	15	3.83	7.36	3.8	7.3
2	2.1	0.54	0.54	15	3.83	7.36	4.3	8.3
3	2.2	0.45	0.45	15	3.83	7.36	3.6	7.36
4	2.1	0.54	0.54	15	3.83	7.36	4.3	8.3
5	2.2	0.45	0.45	15	3.83	7.36	3.6	7.36
6	2.1	0.54	0.54	15	3.83	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).

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			
NO.	DATE	DESCRIPTION	DR. BY
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 NEW

APPROVED
DRAINAGE PLAN

CUSTER ADDITION
GRADING PLAN
 WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING

316-261-7271 • 313 E. 15th • WICHITA, KANSAS 67211

PROJECT NUMBER: _____

DESIGN: NBW	DRAWN: JAK	APPROVED: _____	DATE: 10-30-98	SCALE: 1" = 60'
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