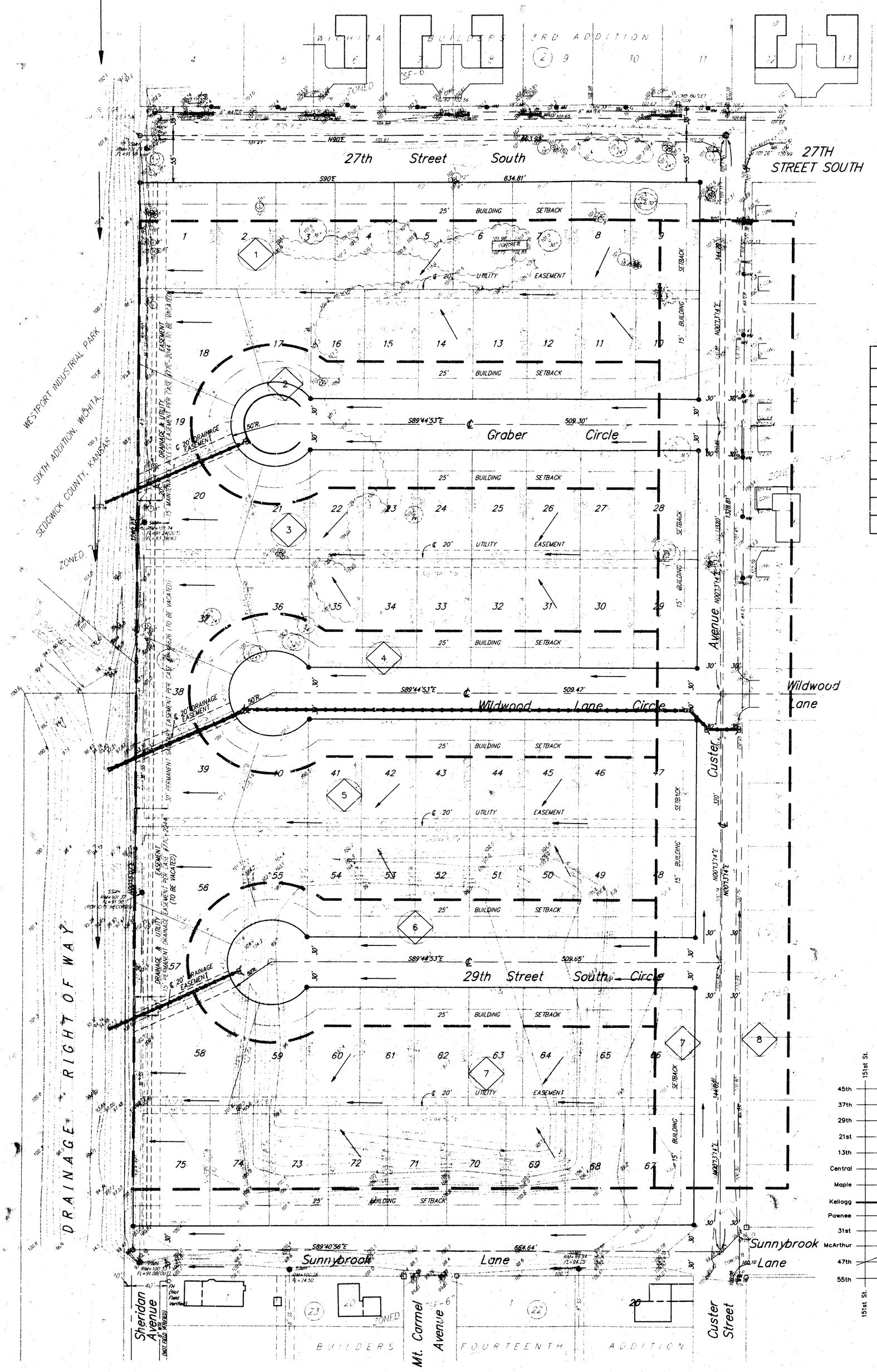
DRAINAGE PLAN

CUSTER ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

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



0 60 120

● = #4 Baughman Rebar (Set)
○ = 3/4" Iron Pipe (Found)
□ = 1/2" Iron Pipe (Found)

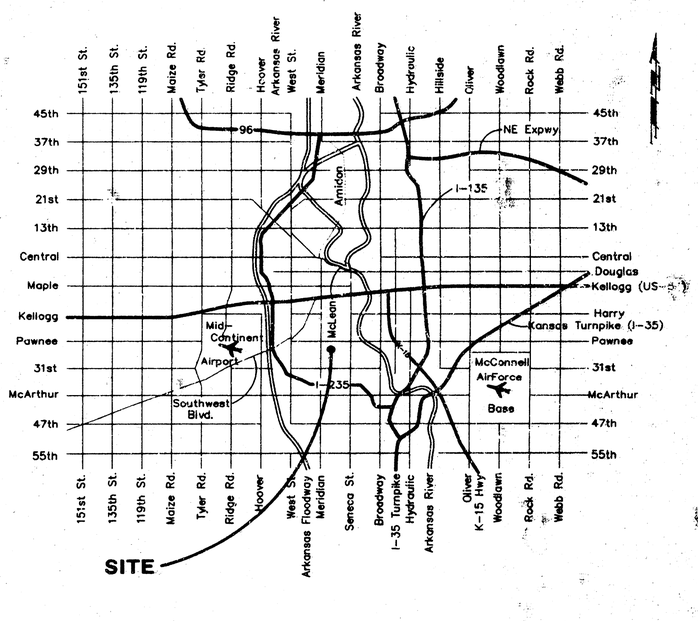
° DP = Delinator Post
FH = Fire Hydrant
LP = Light Pole
MB = Mail Box
Sign = Sign
SSMH = Sanitary Sewer Manhole
SWB Ped = Southwestern Bell Pedestal
T = Tree
WM = Water Meter
VB = Valve Box

BENCHMARK: City of Wichita Benchmark.
SW cor intersection. South handrail to reinf. concrete box at Sheridan and 31st. St So.
SE cor RCBC.
Elevation = 103.524

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENINGS TO THE STRUCTURES

LOT	ELEVATION	
	CITY DATUM	M.S.L.
1	99.0	1286.4
18-20	99.0	1286.4
37-39	99.0	1286.4
56-58	99.0	1286.4
75	99.0	1286.4

Drainage Area	Area (acres)	C_2	C_{100}	Tc (min.)	I_2 (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



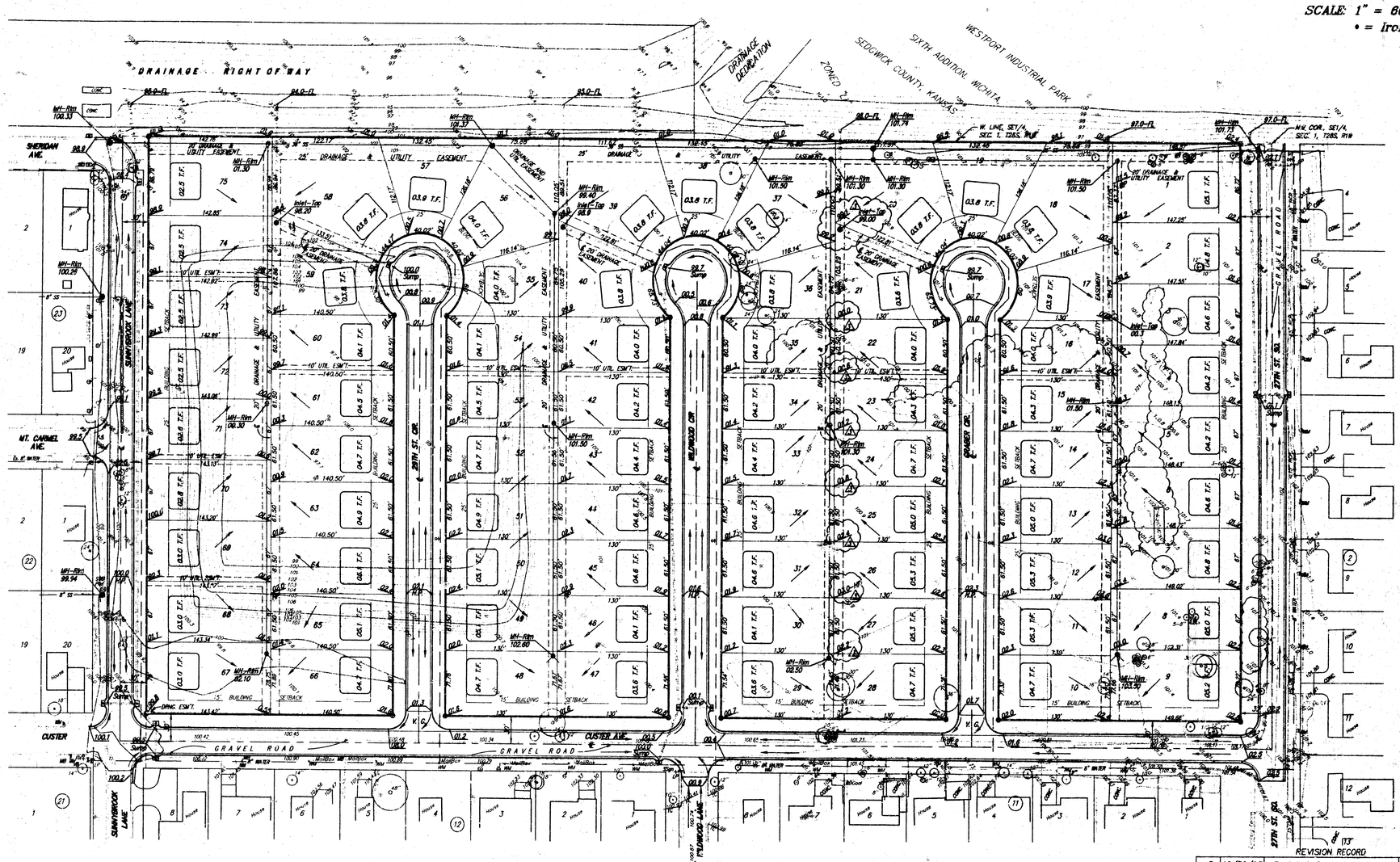
SITE LOCATION MAP

17 APRIL 1998

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-1271 • 315 ELLIS • WICHITA, KANSAS 67211
F:\PLAT\CUSTERPDMD-SAD

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	99.0	1286.4
18–20	99.0	1286.4
37–39	99.0	1286.4
56–58	99.0	1286.4
75	99.0	1286.4

REVISION RECORD

NO.	DATE	DESCRIPTION	DR.	BY
3	10/30/98	Rear Lot Grade Adjustments	TWG	NBW
2	10/06/98	Rear Lot Grade Adjustments	TWG	NBW
1	8/13/98	Rear Yard to 1%	JAK	NBW

APPROVED
DRAINAGE PLAN

CUSTER ADDITION
GRADING PLAN
WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-266-7271 • 315 CLUB • WICHITA, KANSAS 67211

PROJECT NUMBER

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

CUSTER/GRADE.DWG Mon Nov 02 14:04:12 1998