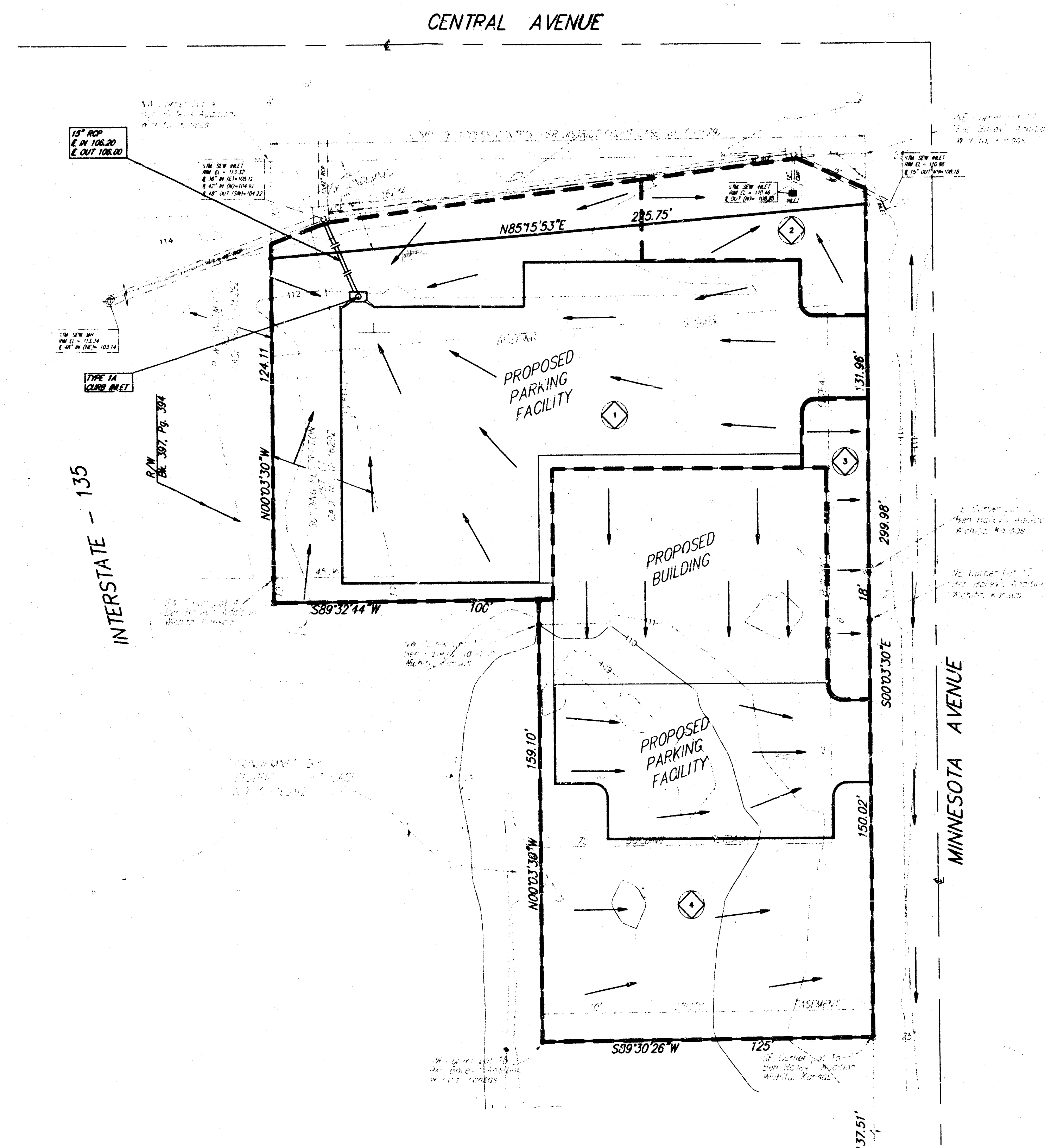


DRAINAGE PLAN

AUTOZONE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



Drainage Area	Area (acres)	C _s	C ₁₀₀	T ₂ (min.)	I ₂ (in/hr)	I ₁₀₀ (in/hr)	Q ₂ (cfs)	Q ₁₀₀ (cfs)
1	0.56	0.75	0.82	15	3.83	7.37	1.6	3.4
2	0.10	0.52	0.68	15	3.83	7.37	0.2	0.5
3	0.05	0.52	0.68	15	3.83	7.37	0.1	0.3
4	0.56	0.70	0.81	15	3.83	7.37	1.5	3.3

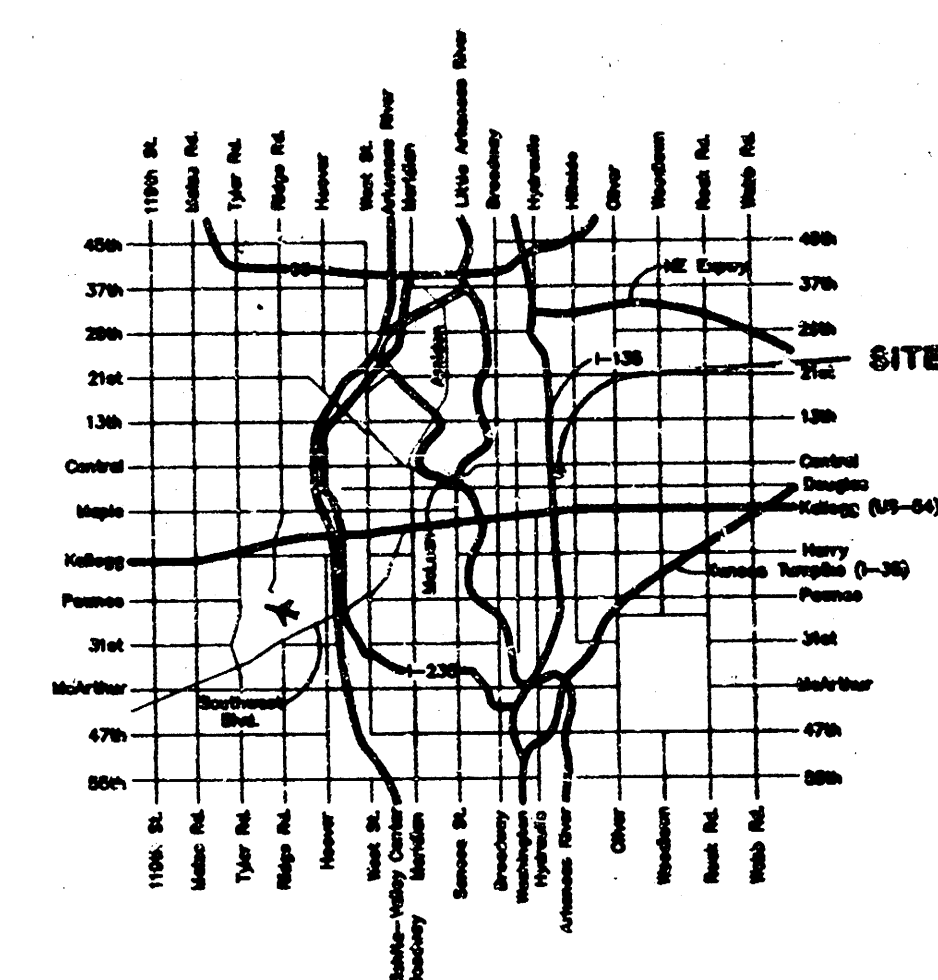
The "Drainage Plan" being submitted herein is intended to serve as a guide for the design of storm water improvements. Modifications to structures, pipes, etc. may be necessary during the final design to obtain the most economical design and construction possible.

The property located on the Southwest corner of the intersection of Central Avenue and Minnesota, is to be developed as an Autozone retail auto parts store.

Peak flow runoff analysis for this site was determined by the "rational method" using an area weighted "C" value. The weighted coefficient was calculated by the sum of the C.O.W. recommended land use "C" values multiplied by the percentage of the drainage basin for the specified use.

BENCHMARK
 "X" CUT TOP OF CURB AT E. END OF MEDIAN
 AT INTERSECTION OF CENTRAL & MINNESOTA
 ELEV. = 112.63 CITY DATUM

LOT	ELEVATION	
	CITY DATUM	MSL
1	111.1	1298.5



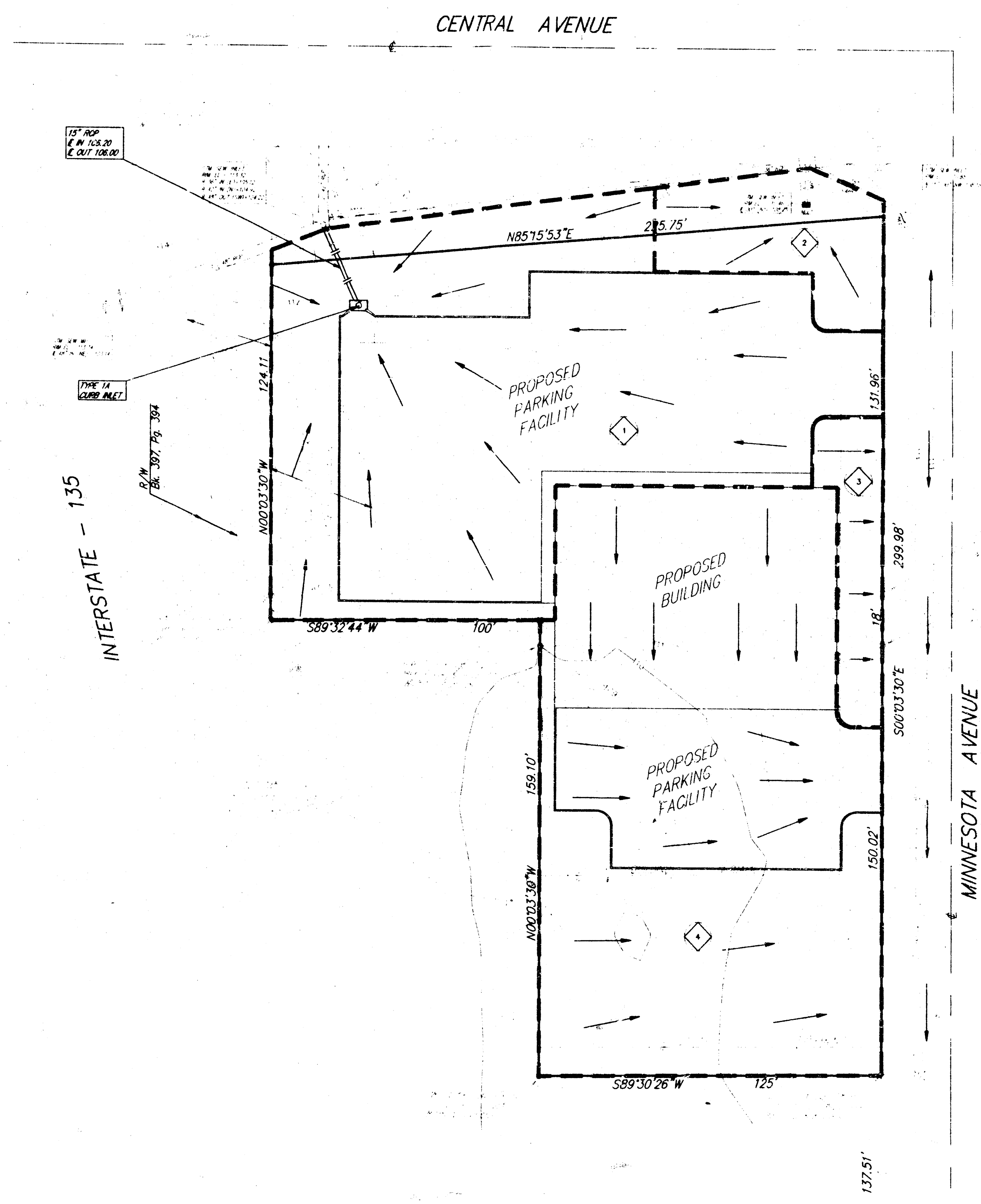
VICINITY MAP

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

DRAINAGE PLAN

AUTOZONE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

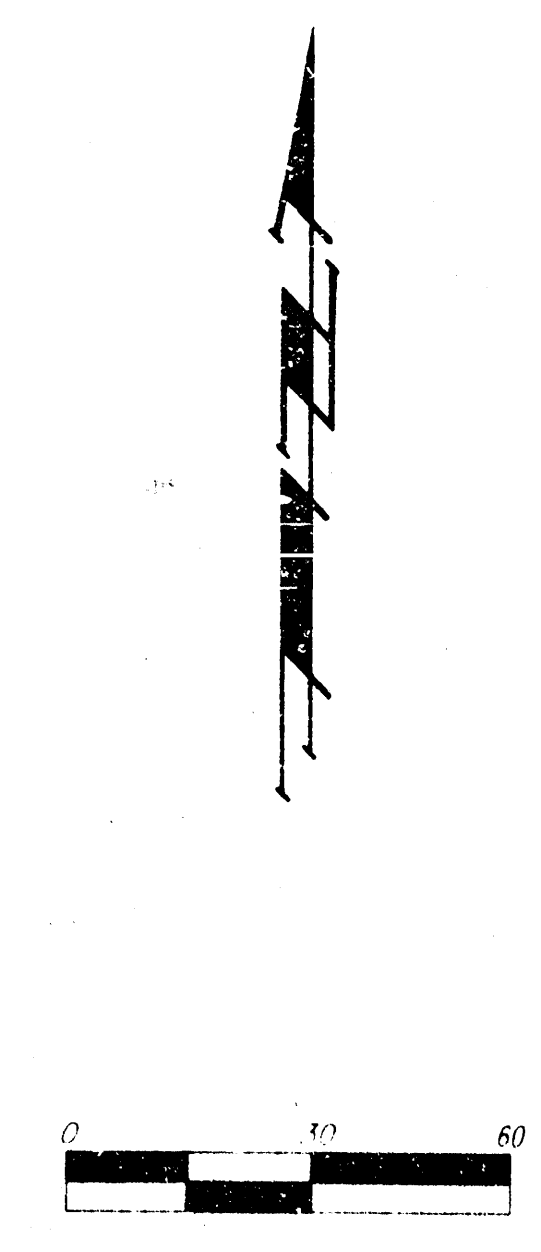


Drainage Area	Area (acres)	C _s	C ₁₀₀	T _c (min.)	I ₂ (in/hr)	I ₁₀₀ (in/hr)	Q ₂ (cfs)	Q ₁₀₀ (cfs)
1	0.56	0.75	0.82	15	3.83	7.37	1.6	3.4
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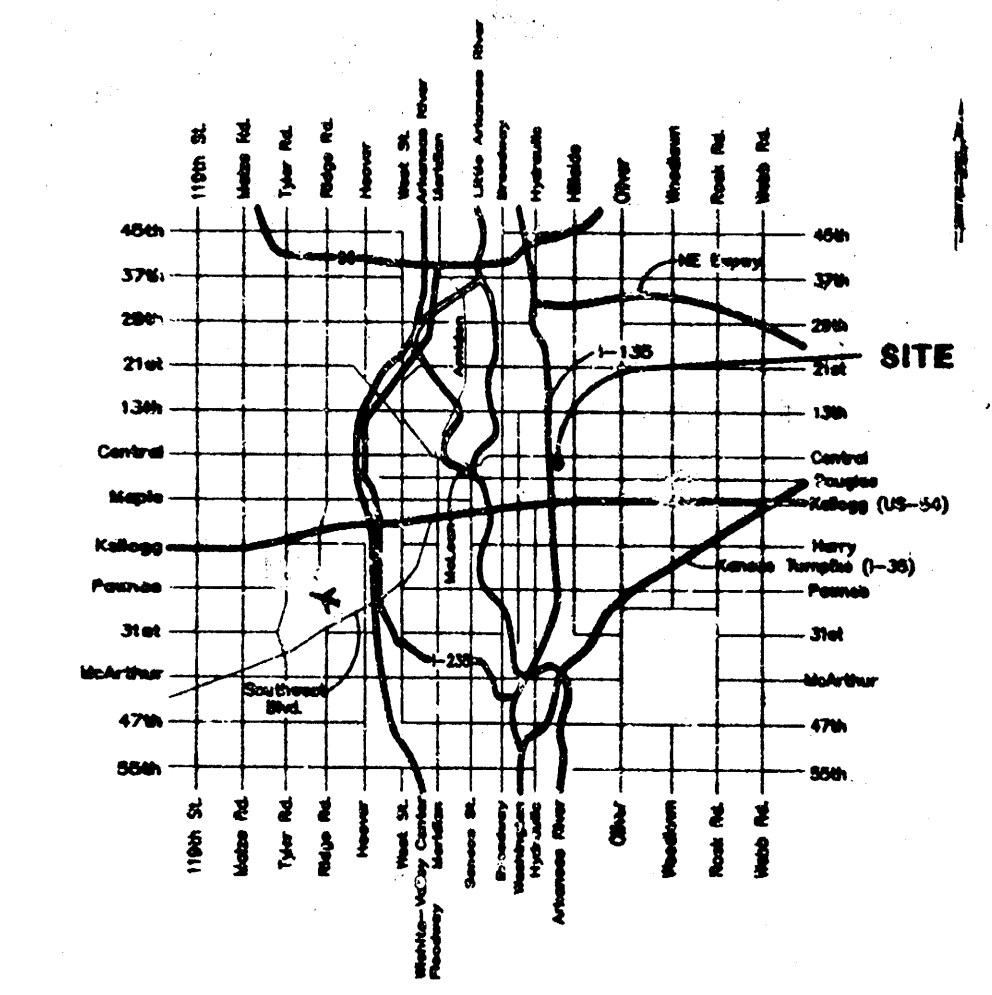
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BENCHMARK
 □ CUT TOP OF CURB AT E. END OF MEDIAN AT INTERSECTION OF CENTRAL & MINNESOTA
 ELEV. = 112.03 CITY DATUM

LOT	ELEVATION	
	CITY DATUM	NGD
1	111.1	1288.5



VICINITY MAP

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