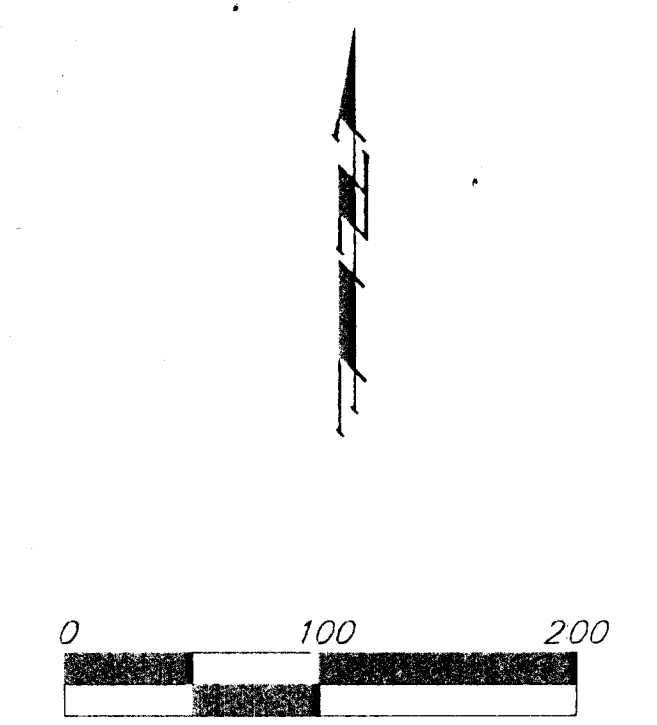
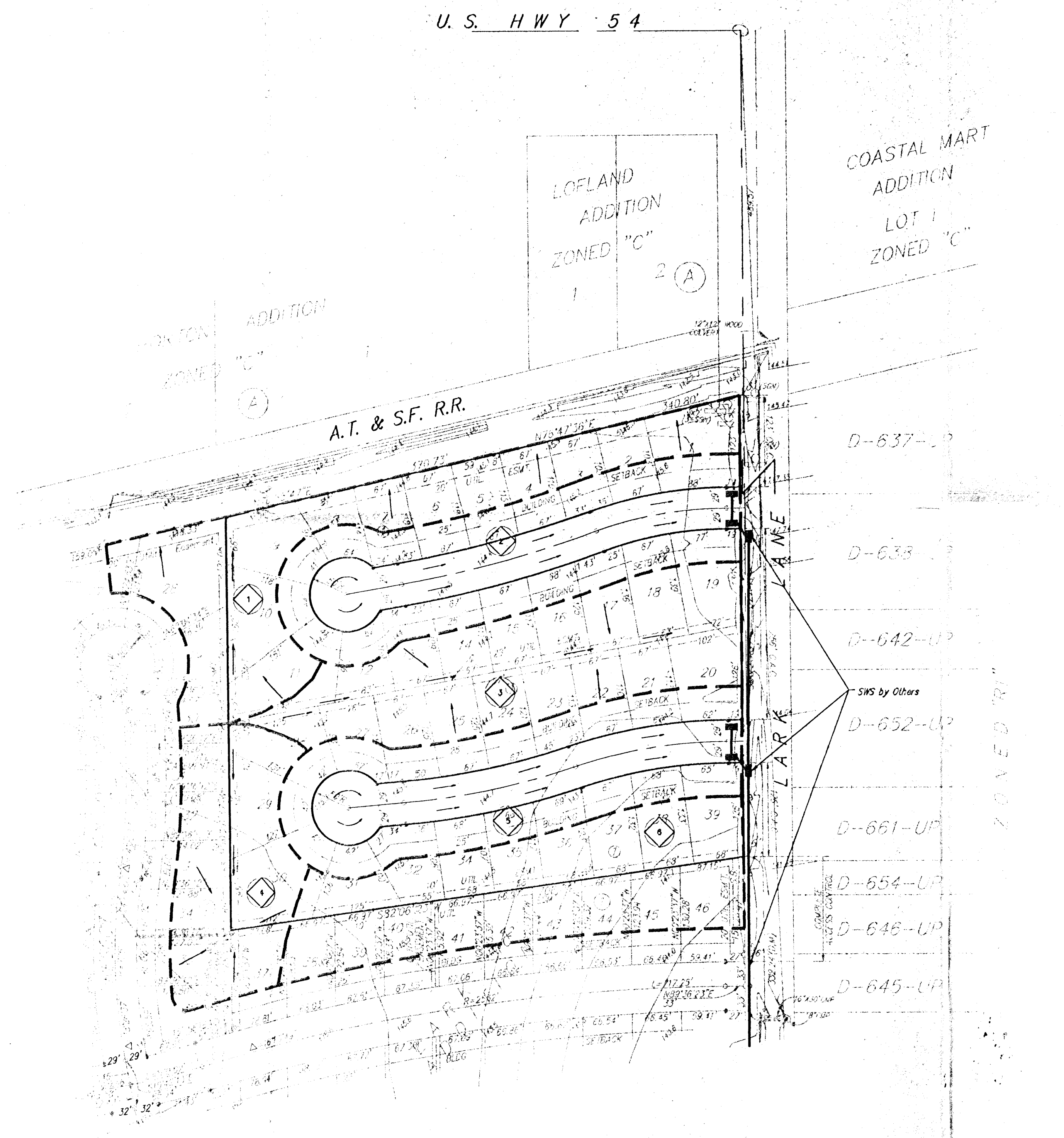


DRAINAGE CONCEPT

LARK 5TH ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



LEGEND
 ● = #4 Baughman Rebar (Found)
 ○ = #4 Baughman Rebar (Set)
 □ = Sign

LEGAL
 A tract in the W1/2 of the NE1/4 of Sec. 31, Twp. 27-S, R-1-W of the 6th P.M., Wichita, Sedgwick County, Kansas, further described as follows: Beginning at the NE Corner of Lot 46, Block 1, Lark 3rd Addition, Wichita, Sedgwick County, Kansas; thence S82°06'23"W along the north line of said Block 1, 699.99 feet to the NW Corner of Lot 37 in said Block 1; thence N00°23'37"W along the east line of said Block 1, 555.84 feet to the NE Corner of Lot 28 in said Block 1, said NE Corner being on the Southeastly right-of-way line of the Atchison, Topeka, and Santa Fe Railroad; thence N76°55'47"E along said Southeastly railroad right-of-way line, 370.75 feet to a deflection point in said Southeastly railroad right-of-way line; thence N76°47'36"E along said Southeastly railroad right-of-way line, 346.95 feet to a point on the east line of the W1/2 of said NE1/4; thence S00°23'37"E along the east line of said W1/2, 621.98 feet to the intersection of the east line of said W1/2 with the north line of said Lot 46 as extended northeasterly; thence S82°06'23"W along said extended north line, 6.05 feet to the point of beginning.

OWNER
 PAUL E. KELSEY
 716 N. 119th Street, #112
 Wichita KS, 67212

BENCHMARK
 CITY OF WICHITA BENCH MARK DISC.
 N. END OF W. HEADWALL OF LARK
 & MAY.
 ELEV. = 139.20 (CITY DATUM)

Drainage Area	Area (acres)	C ₁	C ₁₀₀	T _c (min.)	I _z (in/hr)	I ₁₀₀ (in/hr)	Q ₁ (cfs)	Q ₁₀₀ (cfs)
1	2.0	0.30	0.65	15	3.83	7.37	2.3	9.6
2	2.2	0.30	0.65	15	3.83	7.37	2.5	10.5
3	2.1	0.30	0.65	15	3.83	7.37	2.4	10.1
4	1.4	0.30	0.65	15	3.83	7.37	1.6	6.7
5	2.2	0.30	0.65	15	3.83	7.37	2.5	10.5
6	2.0	0.30	0.65	15	3.83	7.37	2.3	9.6

Proposed SWS inlets for Lark 5th Addition will connect to the Proposed SWS associated with the street improvements of Lark Lane.

VICINITY MAP

December 20, 1996

BAUGHMAN COMPANY P. A.
 ENGINEERS, SURVEYORS, & PLANNERS
 1000 W. CENTRAL AVENUE, SUITE 100
 WICHITA, KANSAS 67202