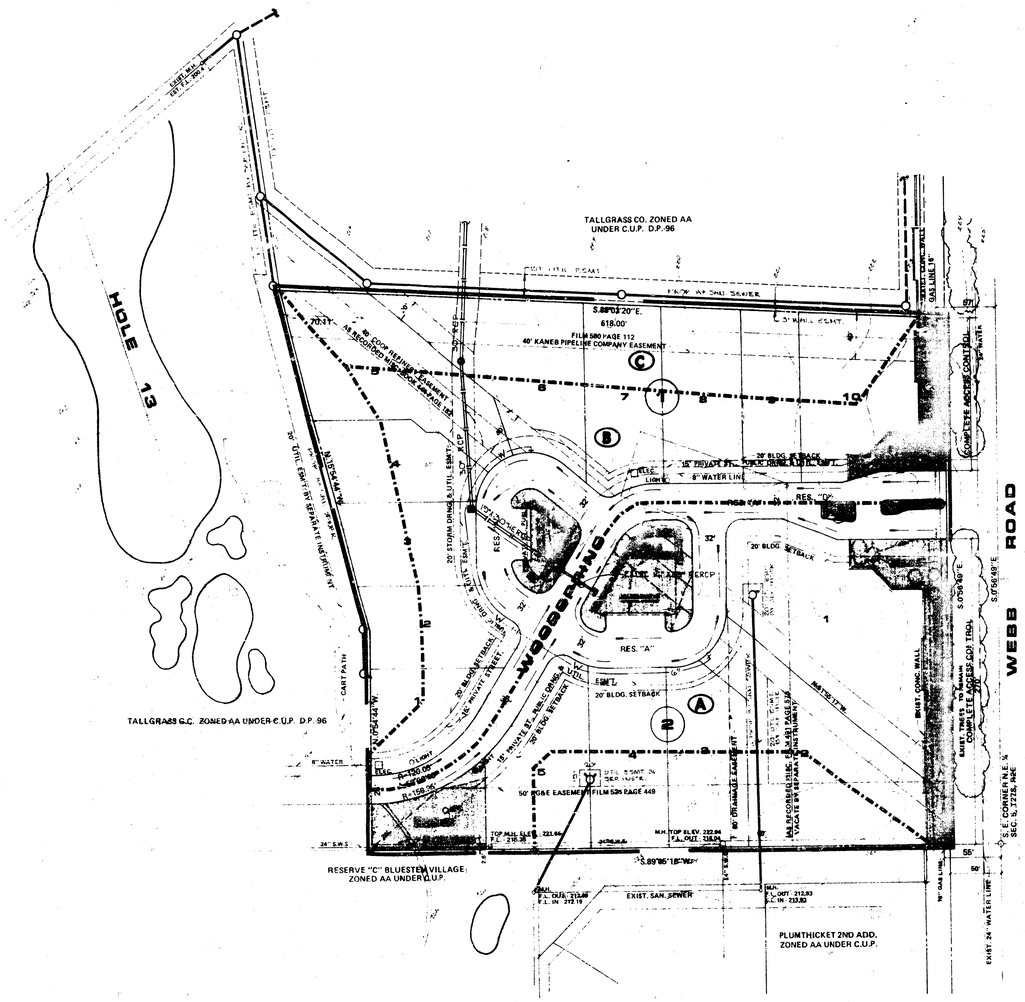
WOODSPRING THIRD ADDITION
(Drainage)

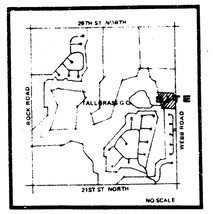


NOTES

RESERVE "A" IS FOR PRIVATE STREETS, DRAINAGE AND UTILITIES.

RESERVES "B" THROUGH "H" ARE FOR UTILITIES, DRAINAGE AND LANDSCAPING.

A DRAINAGE CONCEPT PLAN WILL BE SUBMITTED TO CITY ENGINEER
BY M.K.E.C.
TOPOGRAPHY WAS PREPARED BY M.K.E.C. JANUARY 1998.
BENCH MARK: CITY DISC. 32' NORTH AND 28' E. OF ¼ SEC.
COR. AT WEBB ROAD AND 25TH ST. NO. ELEV. 225.09
1' CONTOUR INTERVAL



LOCATION MAP

SCALE: 1" = 50'

WOODSPRING THIRD	AREA (acres)	AREA ACCUM.	C	T_c (min)	i_2 (in/hr)	i_{100} (in/hr)	Q_2 (cfs)	Q_{100} (cfs)	PIPE SIZE	PIPE SLOPE	INLETS
A	2.29		0.60	15	4.06	8.98	5.58	12.34	Existing 14"x23" HERCP	0.72%	L_1=10'
B	2.04		0.60	15	4.06	8.98	5.00	10.99	19"x30" HERCP	0.30%	L_1=5'
		4.33	0.60	15	4.06	8.98	10.58	23.33	30" RCP	0.34%	L_1=5'
C	.93		0.60	15	4.06	8.98	2.27	5.01			
		5.26	0.60	16	3.96	8.76	12.50	27.65	30" RCP	0.44%	Area

DRAINAGE & UTILITY PLAN (FORMERLY BLOCK 4&5 OF WOODSPRING ADDITION)

WOODSPRING 3RD

OWNER: TALLGRASS COMPANY, 8100 E. 22ND ST. NO., BLDG. 1900, WICHITA, KANSAS 67226

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 N. ROCK ROAD
BUILDING 300
WICHITA, KANSAS 67206
682-4561

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