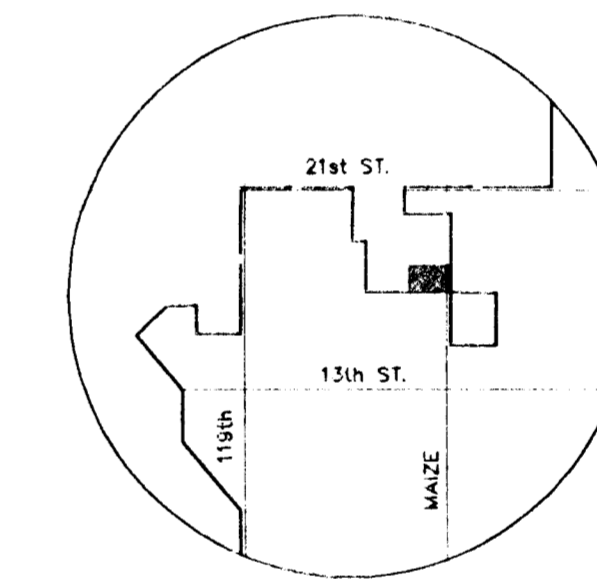


**ARMOUR WOODS**

Drainage Area	Area (Acres)	Accum. Area	C <sub>p</sub>	C <sub>100</sub>	T <sub>c</sub> 2 100	I <sub>1</sub> (IN/HR)	I <sub>100</sub> (IN/HR)	Q <sub>1</sub> (CFS)	Q <sub>100</sub> (CFS)	Pipe Size	Pipe Slope	Inlets
A	2.66	--	0.56	0.71	29 21	2.72	6.39	4.05	12.07	15" RCP	@0.40%	I <sub>100</sub> =5-ft.
B	1.42	--	0.56	0.71	25 18	2.96	6.84	2.35	6.90	--	--	I <sub>100</sub> =5-ft.
Σ A,B	--	4.08	0.56	0.71	29 21	2.72	6.39	6.21	18.51	18" RCP	@0.35%	--
C	2.53	--	0.60	0.74	30 21	2.67	6.39	4.05	11.96	15" RCP	@0.40%	I <sub>100</sub> =5-ft.
D	4.42	--	0.52	0.68	20 15	3.33	7.37	7.65	22.15	--	--	--
Σ A,B,C,D	--	11.04	0.54	0.70	28 20	2.78	6.53	16.57	50.46	30" RCP	@0.16%	AREA INLET L=6'0",W=5'6"
E	2.17	--	0.60	0.74	29 21	2.72	6.39	3.54	10.26	15" RCP	@0.40%	I <sub>100</sub> =5-ft.
F	3.72	--	0.52	0.68	16 15	3.72	7.37	7.20	18.64	--	--	--
Σ E,F,G	--	5.89	0.55	0.70	37 27	2.35	5.69	7.61	23.46	18" RCP	@0.60%	DROP INLET Double 24x24
G	1.12	--	0.60	0.74	24 17	3.03	7.00	2.01	5.80	--	--	I <sub>100</sub> =5-ft.
Σ H,F,G	--	7.01	0.56	0.71	29 21	2.72	6.39	10.68	31.80	24" RCP	@0.25%	--
H	2.33	--	0.60	0.74	19 15	3.42	7.37	4.78	12.71	24" RCP	@0.25%	I <sub>100</sub> =5-ft.



LOCATION MAP



SCALE: 1" = 100'

**DRAINAGE & UTILITY PLAN**  
**ARMOUR WOODS**

OWNER/SUBDIVIDER: CRANMER GRASS FARMS, INC.  
DAVID D. GRANMER  
2501 N. MAIZE ROAD  
WICHITA, KANSAS 67205

	<b>ARMOUR WOODS</b>	Design: JNJ Drawn by: KKL Checked by: DSS Date: 12/6/93 Job no.: 93-60-100
	MID-KANSAS ENGINEERING CONSULTANTS INC. 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226 (316) 636-5566	
Sheet: <b>1</b> of: <b>1</b>		