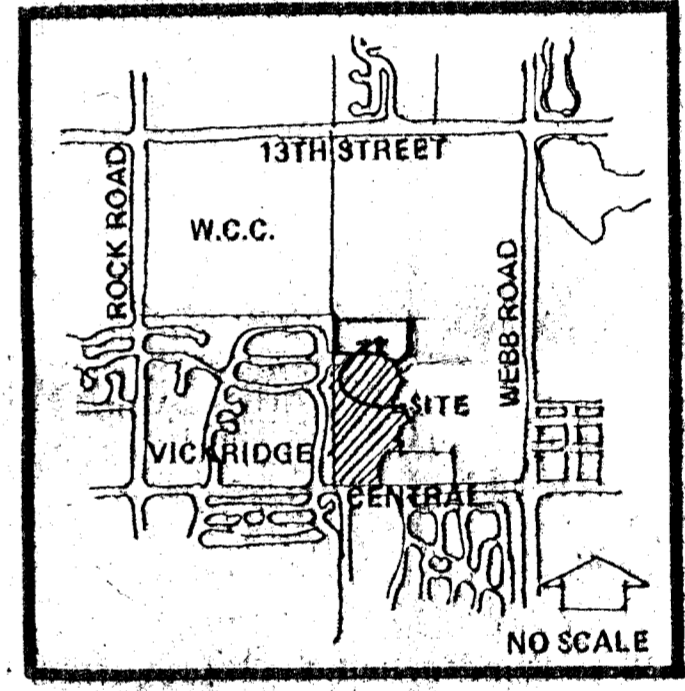


DRAINAGE  
 AREA = 29.5 ACRES  
 C = 0.3  
 Tc = 45 MIN  
 Q100 = 43.8 CFS

**NOTES:**

TOPOGRAPHY IS FROM AERIAL PHOTOGRAPH TAKEN JUNE 1985.

DRAINAGE  
 AREA = 2.44 ACRES  
 C = 0.3  
 Tc = 15 MIN.  
 Q100 = 6.6 CFS



**LOCATION MAP**

WOODLAND ESTATES II	AREA (acres)	AREA ACCUM.	C	Tc (min)	Q2 (in/hr)	Q100 (in/hr)	Q2 (cfs)	Q100 (cfs)	PIPE SIZE	PIPE SLOPE	INLETS
Drainage Area From Wichita Country Club	29.50		0.3	45	4.92	43.8	36"	0.46%			Ditch
Drainage Area to North	0.93		0.3	15	4.17	8.98	1.16	2.51			
A	1.71		0.6	15	4.17	8.98	4.28	9.21			
B	1.62	33.76	0.6	15	4.17	8.98	4.05	8.72	21"	0.30%	L1+5'
C	2.45		0.6	15	4.17	8.98	6.13	13.20			
Drainage Area to North	1.46		0.3	15	4.17	8.98	1.83	3.93			
D	1.80		0.6	15	4.17	8.98	4.50	9.70	21"	0.40%	L1+5'
E	2.12	5.38	0.6	15	4.17	8.98	5.30	11.42	30"	0.38%	L1+5'

**DRAINAGE & UTILITY PLAN**

# WOODLAND ESTATES 2ND

