

**DRAINAGE PLAN FOR
CAMPUS ADDITION
TO SEDGWICK COUNTY, KANSAS**
2/4/97

HYDROLOGY

BASIN #	AREA (ac)	C2	C100	tc (min)	i2 (in/hr)	i100 (in/hr)	Q2 (cfs)	Q100 (cfs)
A	7.27	0.49	0.66	15	3.83	7.37	13.64	35.36
B	3.91	0.49	0.66	15	3.83	7.37	7.34	19.02
C	9.79	0.49	0.66	15	3.83	7.37	18.37	47.62
D	5.66	0.33	0.56	15	3.83	7.37	7.15	23.36
E	24.32	0.33	0.56	15	3.83	7.37	30.74	100.37
F	24.20	0.33	0.56	15	3.83	7.37	30.59	99.88

Total Area = 75.15 Acres

Note: Runoff coefficient based on Type D soils

Total Q2 = 107.83cfs

Total Q100 = 325.61cfs

