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

### HYDROLOGY

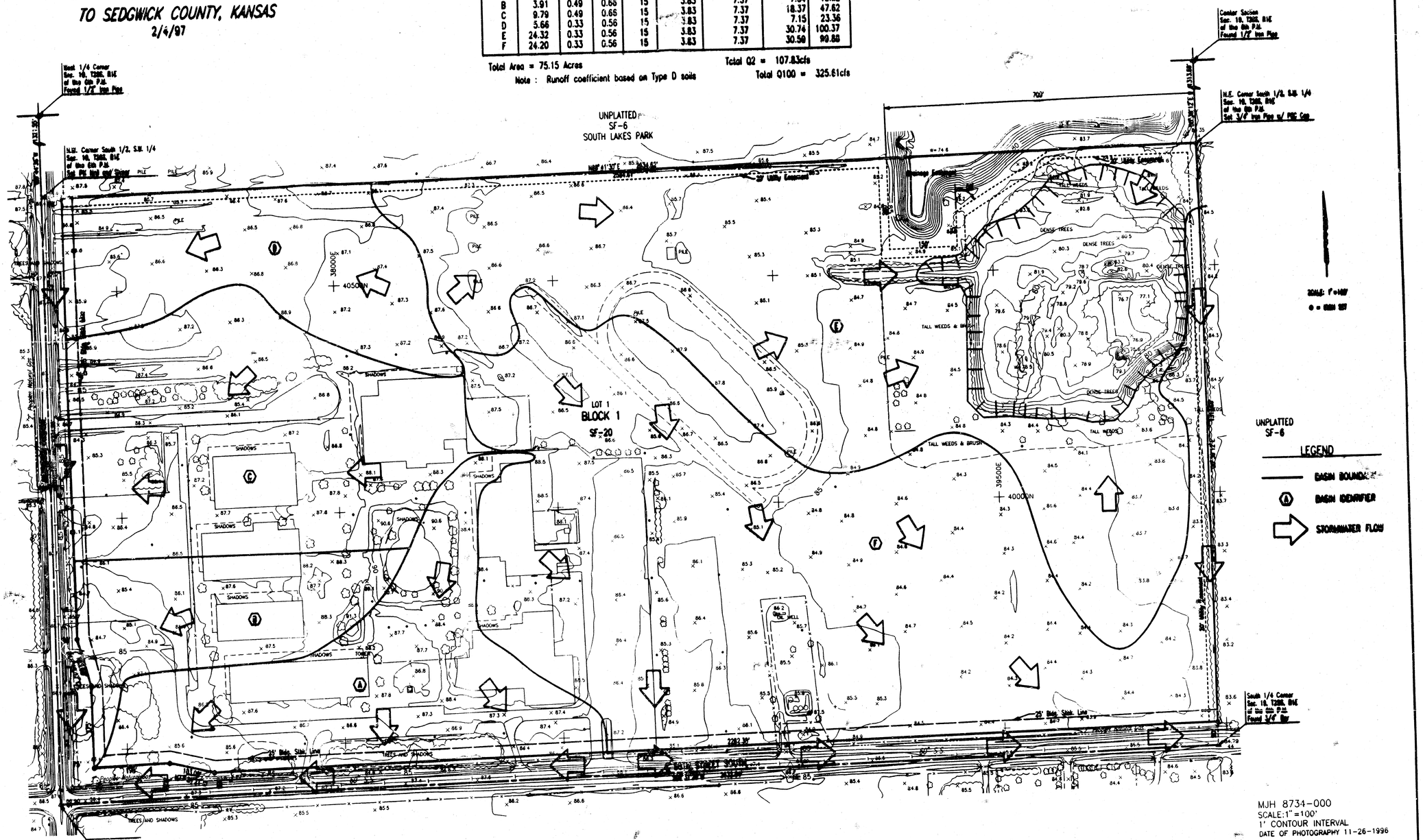
| BASIN # | AREA (ac) | C2 | C100 | tc (min) | i2 (in/hr) | i100 (in/hr) | Q2 (cfs) | Q100 (cfs) |
|---|---|---|---|---|---|---|---|---|
| A | 7.27 | 0.49 | 0.66 | 15 | 3.83 | 7.37 | 13.64 | 35.36 |
| B | 3.91 | 0.49 | 0.66 | 15 | 3.83 | 7.37 | 7.34 | 19.02 |
| C | 9.79 | 0.49 | 0.66 | 15 | 3.83 | 7.37 | 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




MJH 8734-000
SCALE:1"=100'
1' CONTOUR INTERVAL
DATE OF PHOTOGRAPHY 11-26-1996