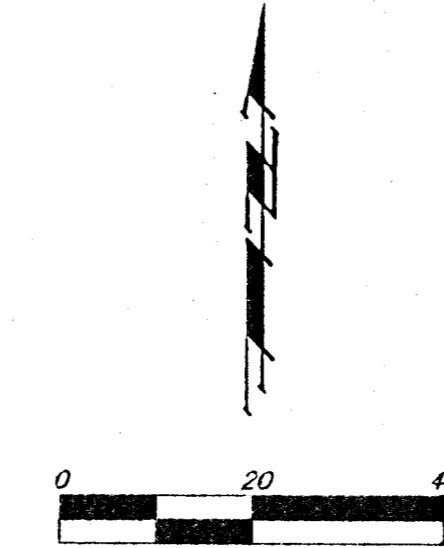


DRAINAGE CONCEPT MAY ADDITION SEDGWICK COUNTY, KANSAS

OFF SITE FLOW
D.A. = 3.5 AC.
"C" = 0.40
Tc = 25 min.
I2 = 2.96 in/hr
I100 = 5.90 in/hr
Q2 = 4.1 cfs
Q100 = 8.3 cfs



BENCHMARK
□ cut W. side of R/W fence post footing
14' N. of SE Property Corner of Lot
Elev. = 1333.12

D.A. = 1.2 AC.
"C" = 0.87
Tc = 15 min.
I2 = 3.83 in/hr
I100 = 7.37 in/hr
Q2 = 4.0 cfs
Q100 = 7.7 cfs

OFF SITE FLOW
D.A. = 25 AC.
"C" = 0.40
Tc = 45 min.
I2 = 2.08 in/hr
I100 = 4.38 in/hr
Q2 = 20.8 cfs
Q100 = 43.8 cfs

EXISTING 5'X2' RCBC
FLOW IN = 1319.27

October 23, 1996

