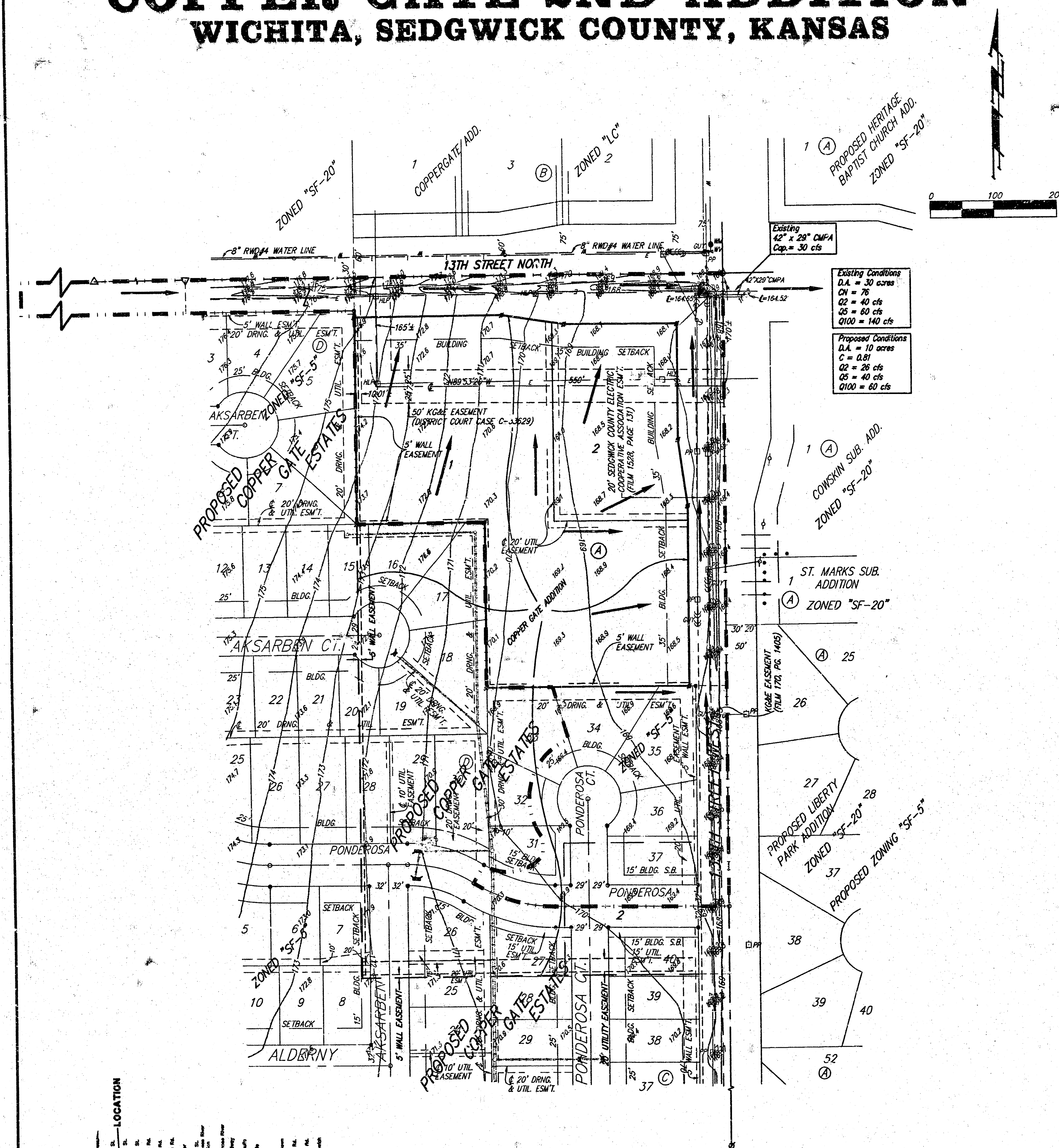
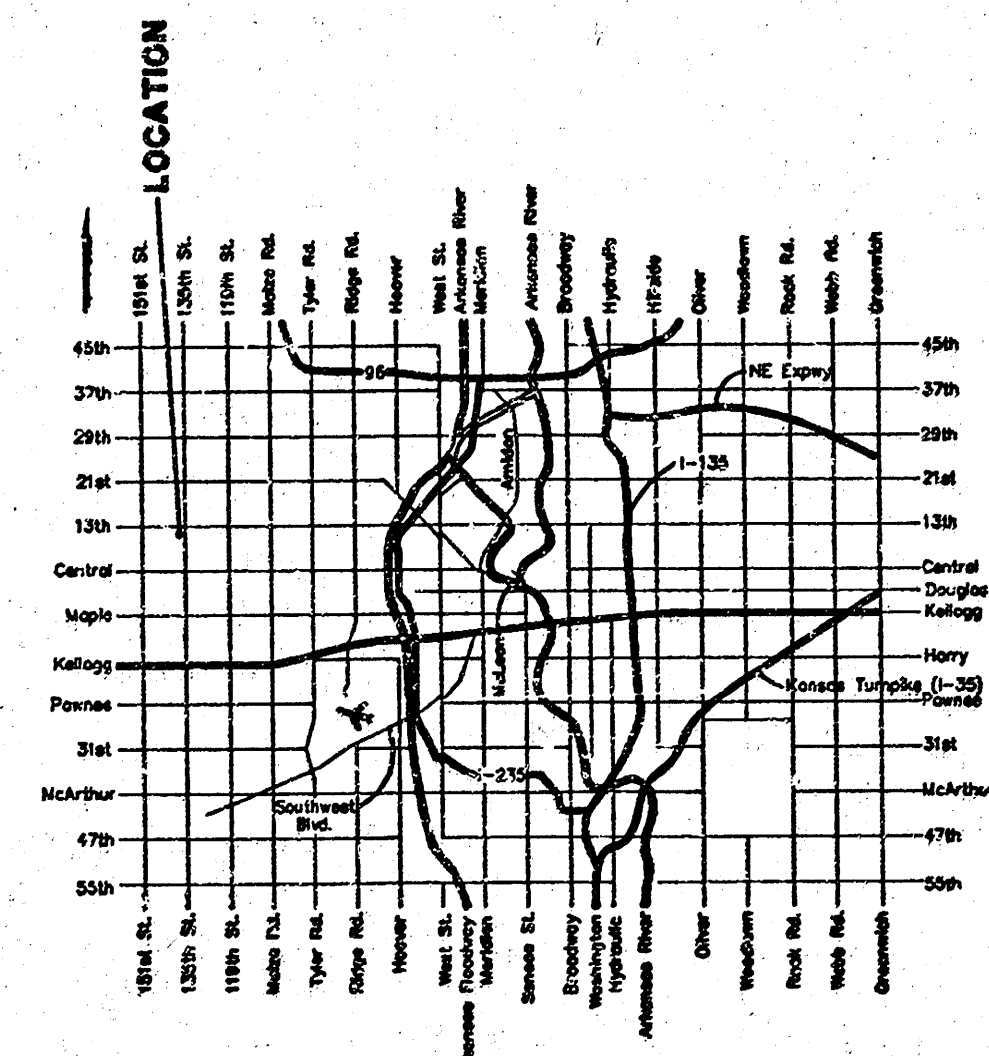


DRAINAGE PLAN COPPER GATE 2ND ADDITION WICHITA, SEDGWICK COUNTY, KANSAS



Existing Conditions
D.A. = 30 cfs
CN = 75
Q2 = 40 cfs
Q5 = 60 cfs
Q100 = 140 cfs
Proposed Conditions
D.A. = 10 acres
C = 0.81
Q2 = 28 cfs
Q5 = 40 cfs
Q100 = 60 cfs



VICINITY MAP

NOTE:
THIS DRAINAGE PLAN FOLLOWS THE GENERAL CONCEPT THAT
HAD BEEN PREVIOUSLY SUBMITTED WITH THE COPPERGATE
ESTATES ADDITION. MITIGATION OF THE EXISTING DRAINAGE
BASIN WILL REDUCE THE PEAK FLOWRATE AT THE INTERSECTION
OF 13TH ST. N. & 13TH ST. N. TO THAT LESS THAN OR
EQUAL TO THE EXISTING FLOWRATES.
DETAILED CALCULATIONS WERE SUBMITTED WITH THE FINAL
PLAN OF COPPERGATE ESTATES ADDITION.