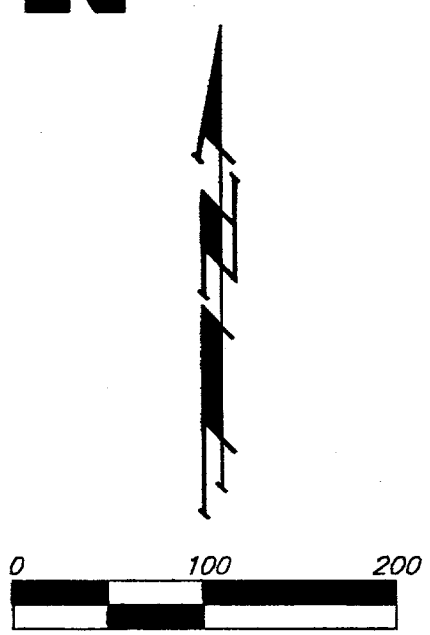
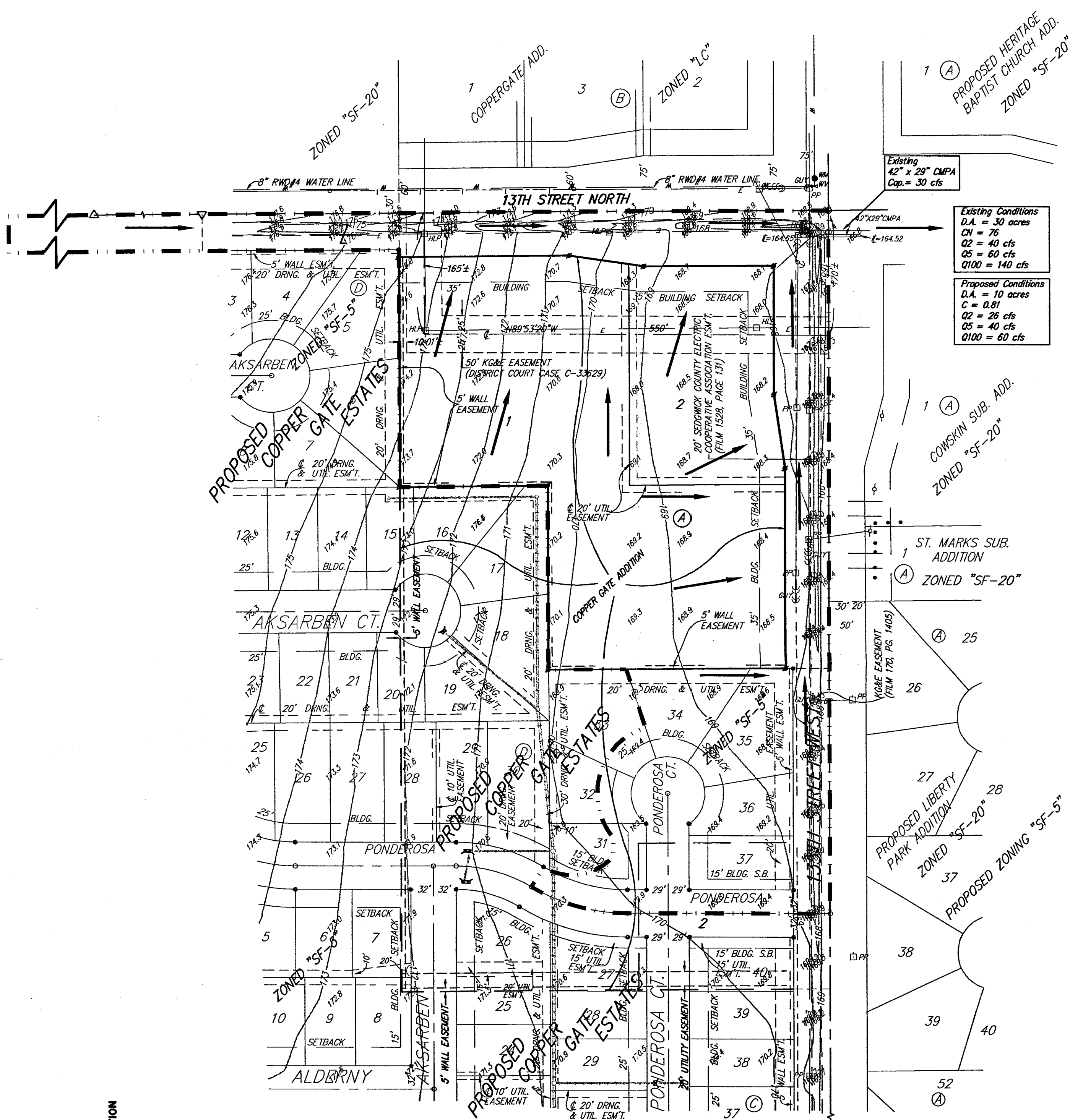


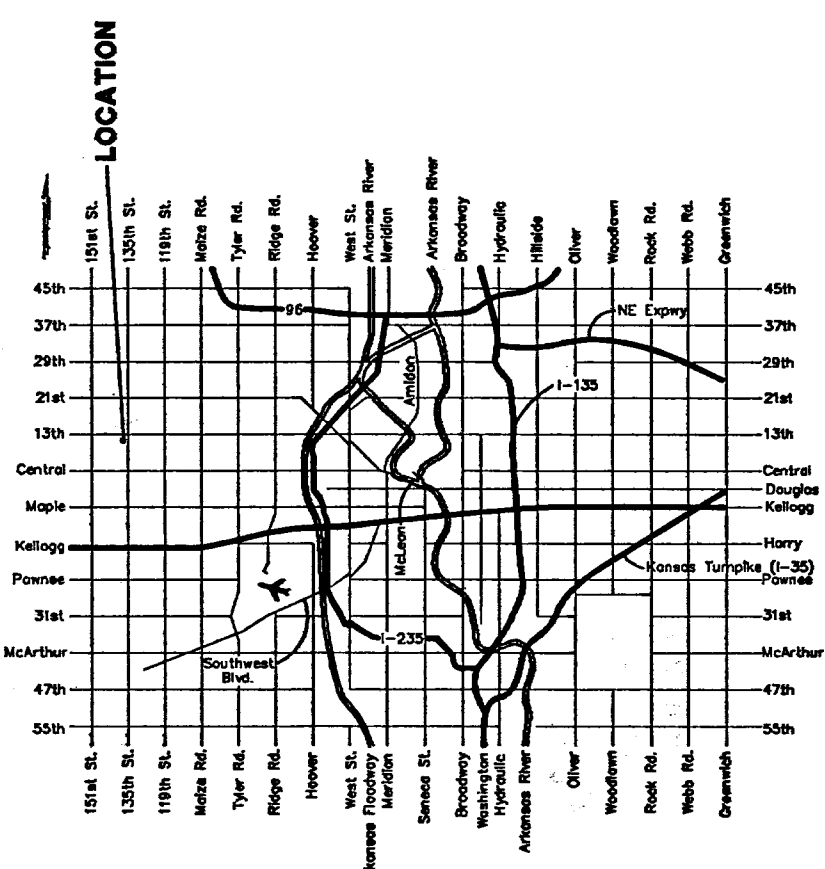
DRAINAGE PLAN

COPPER GATE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



Existing Conditions	
D.A.	= 30 acres
CN	= 76
Q2	= 40 cfs
Q5	= 60 cfs
Q100	= 140 cfs
Proposed Conditions	
D.A.	= 10 acres
C	= 0.81
Q2	= 26 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 135TH ST. W. & 13TH ST. N. TO THAT LESS THAN OR EQUAL TO THE EXISTING FLOWRATES.
DETAILED CALCULATIONS WERE SUBMITTED WITH THE FINAL PLAT OF COPPERGATE ESTATES ADDITION.