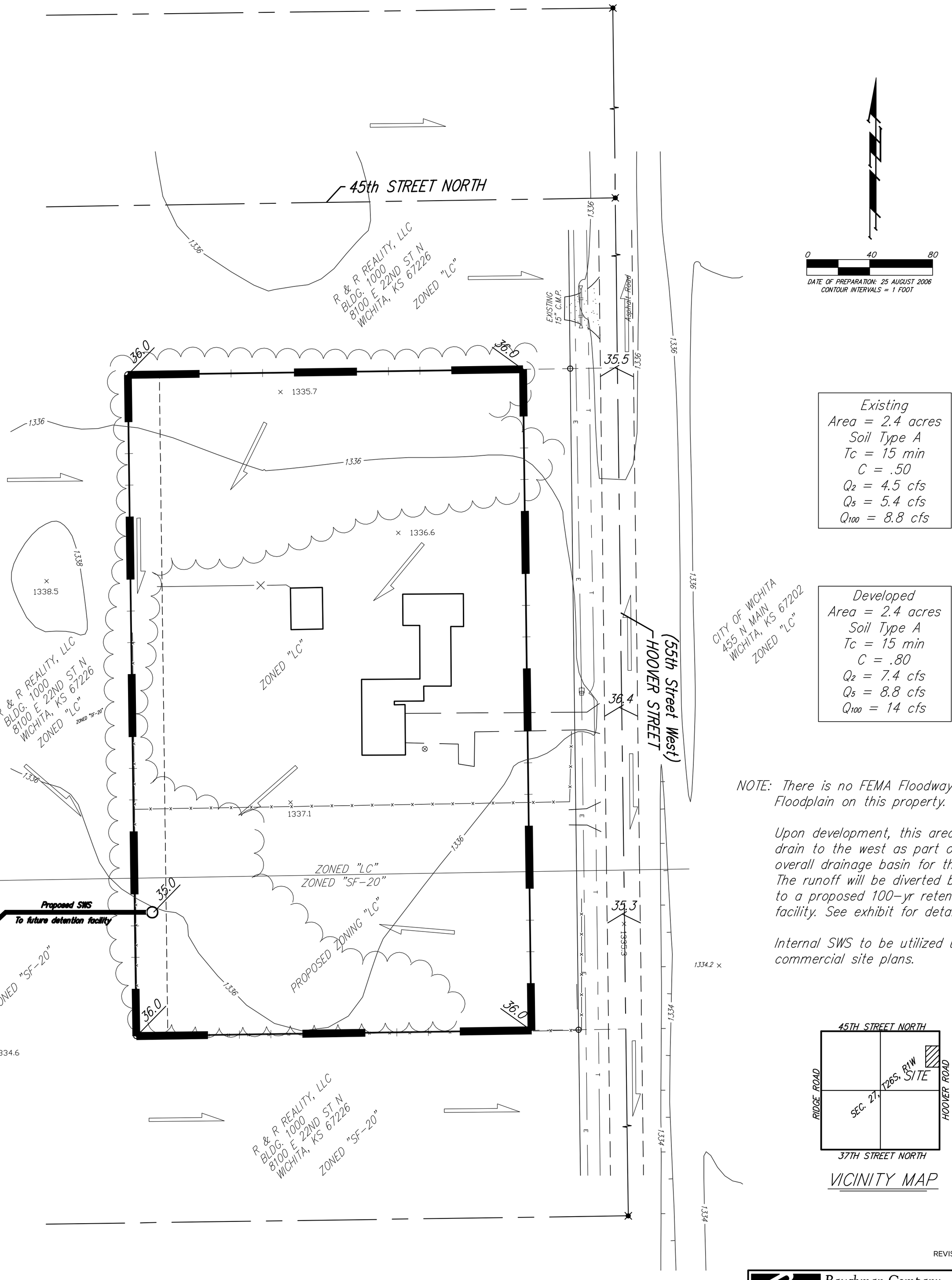
DRAINAGE PLAN

MANDY KAY COMMERCIAL ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



Existing
Area = 2.4 acres
Soil Type A
Tc = 15 min
C = .50
Q_2 = 4.5 cfs
Q_5 = 5.4 cfs
Q_{100} = 8.8 cfs

Developed
Area = 2.4 acres
Soil Type A
Tc = 15 min
C = .80
Q_2 = 7.4 cfs
Q_5 = 8.8 cfs
Q_{100} = 14 cfs

NOTE: There is no FEMA Floodway or Floodplain on this property.

Upon development, this area will drain to the west as part of the overall drainage basin for this area. The runoff will be diverted by SWS to a proposed 100-yr retention facility. See exhibit for details.

Internal SWS to be utilized upon commercial site plans.

VICINITY MAP

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28 AUGUST 2006

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