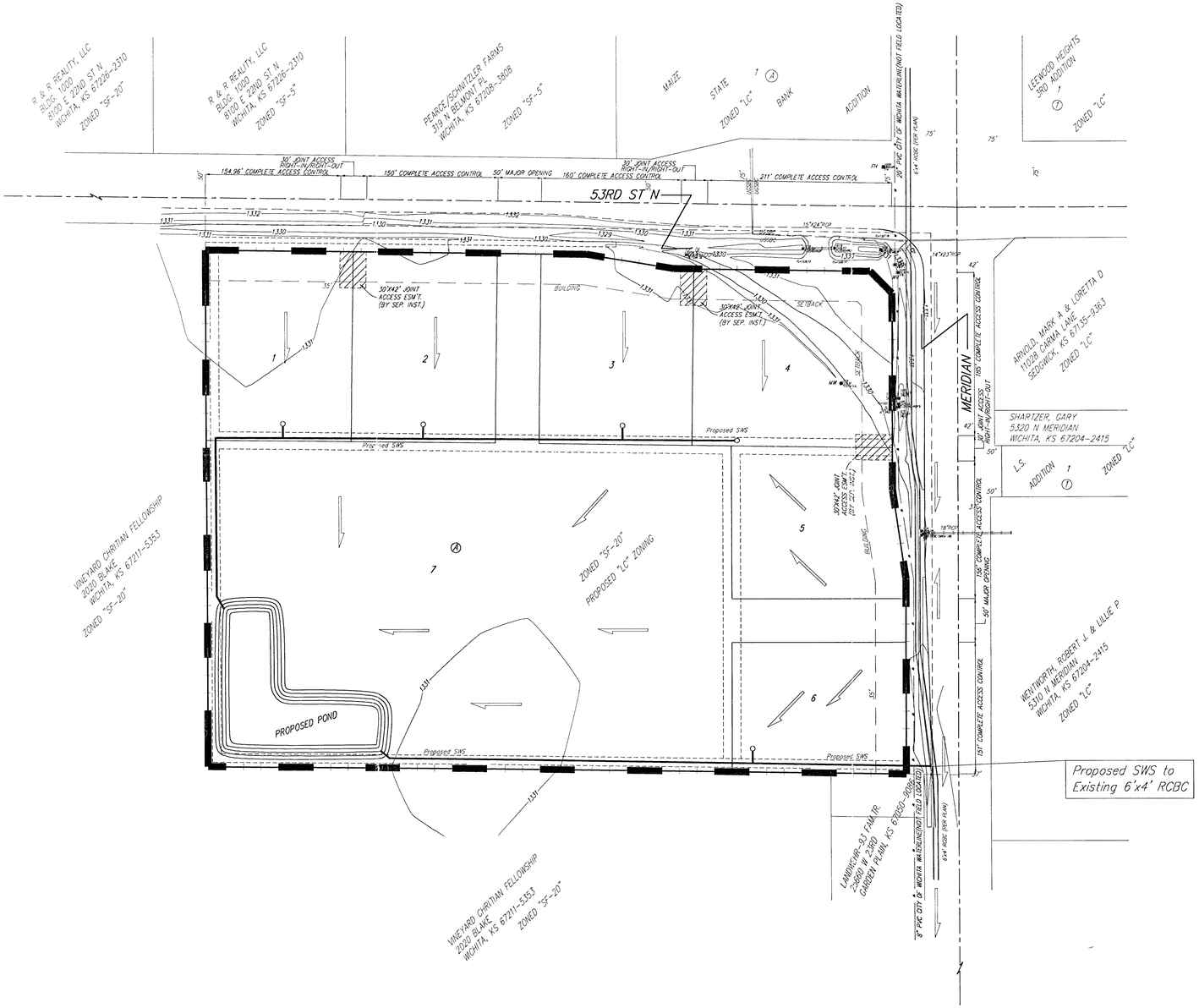
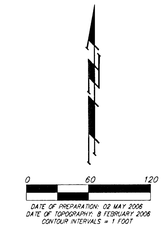
DRAINAGE CONCEPT

JOHNSON COMMERCIAL CENTRE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS





OWNER:
CHARLES W. JOHNSON LIVING TRUST
2823 KEYWEST CT.
WICHITA, KS 67204-2317

LEGAL DESCRIPTION:
THE NORTH 648.00 FEET OF THE EAST 861.00 FEET OF THE NE1/4 OF SECTION 24, TWP. 26-S, R-1-W OF THE 6TH P.M., SEDGWICK COUNTY, KANSAS, SUBJECT TO ROAD RIGHTS-OF-WAY OF RECORD.

BENCHMARK:
COW BENCHMARK AT THE INTERSECTION OF MERIDIAN AND 53RD ST N, NE CORNER TOP OF CONCRETE HEADWALL
44' NORTH OF CENTERLINE
37' EAST OF CENTERLINE
50.90' NE OF SECTION CORNER
9' NE OF AND RADIAL TO CURB
28' EAST OF SECTION LINE
ELEV. = 1331.37 NGVD29

VICINITY MAP

Existing	Developed
Area = 11 acres	Area = 11 acres
Soil Type B	Soil Type B
Tc = 15 min	Tc = 15 min
CN = 69	CN = 92
Q_2 = 12 cfs	Q_2 = 33 cfs
Q_{100} = 57 cfs	Q_{100} = 85 cfs

Upon Development, the detention pond will need to detain at least 28 cfs for the 100-yr storm event.

02 MAY 2006

Baughman Company, P.A.
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Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

F:/PLAT/JOHNSONCOMMERCIALADDITION/DWG/JOHNSONCOMP.DWG-RKR