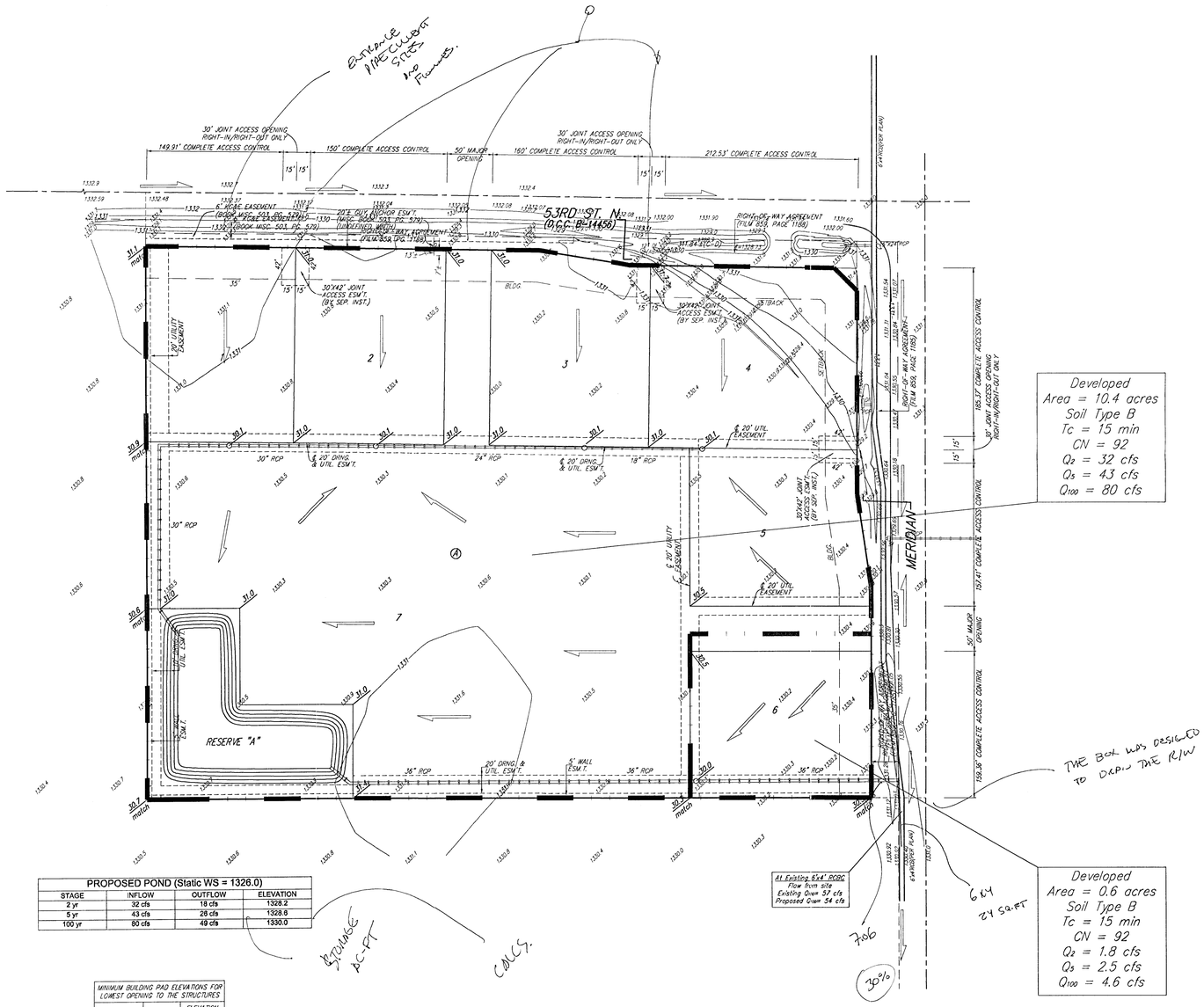
DRAINAGE PLAN

JOHNSON COMMERCIAL CENTRE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



PROPOSED POND (Static WS = 1326.0)			
STAGE	INFLOW	OUTFLOW	ELEVATION
2 yr	32 cfs	18 cfs	1328.2
5 yr	43 cfs	26 cfs	1328.6
100 yr	80 cfs	49 cfs	1330.0

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION NGVD29
1-7	A	1332.0

Developed
Area = 10.4 acres
Soil Type B
Tc = 15 min
CN = 92
Q_2 = 32 cfs
Q_5 = 43 cfs
Q_{100} = 80 cfs

Developed
Area = 0.6 acres
Soil Type B
Tc = 15 min
CN = 92
Q_2 = 1.8 cfs
Q_5 = 2.5 cfs
Q_{100} = 4.6 cfs

Existing
Area = 11 acres
Soil Type B
Tc = 15 min
CN = 69
Q_2 = 12 cfs
Q_5 = 21 cfs
Q_{100} = 57 cfs

0 60 120

DATE OF PREPARATION: 02 MAY 2006
DATE OF TOPOGRAPHY: 8 FEBRUARY 2006
CONTOUR INTERVALS = 1 FOOT

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
26' EAST OF SECTION LINE
ELEV. = 1331.37 NGVD29

VICINITY MAP

18 AUGUST 2006

Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

F:\HYDRO\Projects\JohnsonComm\JOHNSONCOMP_drain.dwg