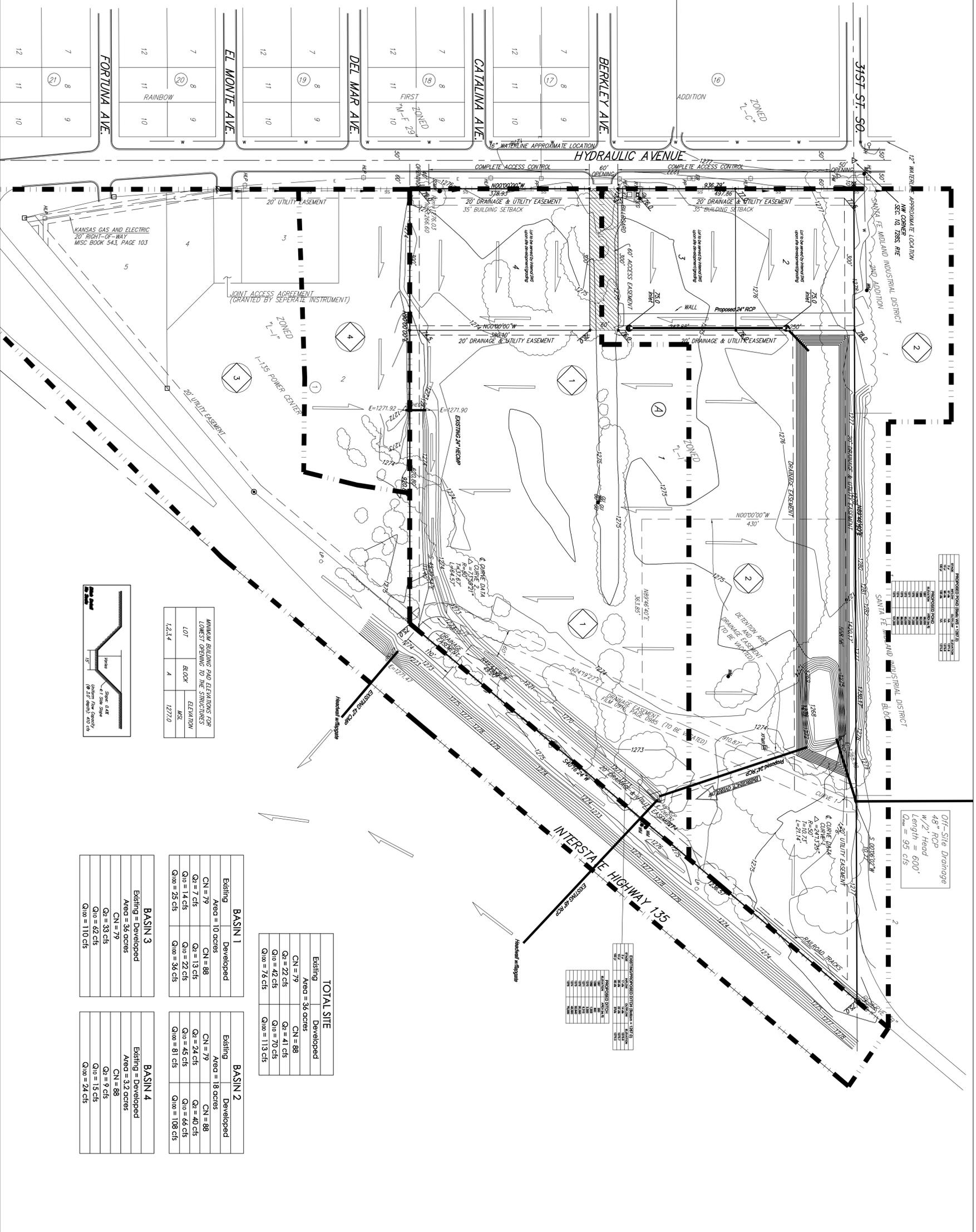


I-135 POWER CENTER 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

GRADING & DRAINAGE PLANS



PROPOSED ROAD (SHEET 1 OF 2)

STATION	TYPE	DEPTH	WIDTH	SPACING
1+00.00	12\"/>			

Off-Site Drainage
 48" RCP
 w/2' Head
 Length = 600'
 Q_{max} = 95 cfs

EXISTING UNIMPROVED STORM DRAINAGE

STATION	TYPE	DEPTH	WIDTH	SPACING
1+00.00	12\"/>			

TOTAL SITE

Existing	Developed
Area = 34 acres	Area = 88 acres
CN = 79	CN = 88
Q ₂ = 22 cfs	Q ₂ = 41 cfs
Q ₁₀ = 42 cfs	Q ₁₀ = 70 cfs
Q ₁₀₀ = 76 cfs	Q ₁₀₀ = 113 cfs

BASIN 1

Existing	Developed
Area = 10 acres	Area = 88 acres
CN = 79	Q ₂ = 13 cfs
Q ₂ = 7 cfs	Q ₁₀ = 22 cfs
Q ₁₀ = 14 cfs	Q ₁₀₀ = 34 cfs
Q ₁₀₀ = 25 cfs	

BASIN 2

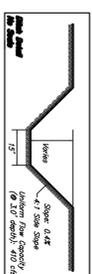
Existing	Developed
Area = 18 acres	Area = 88 acres
CN = 79	Q ₂ = 40 cfs
Q ₂ = 24 cfs	Q ₁₀ = 66 cfs
Q ₁₀ = 45 cfs	Q ₁₀₀ = 108 cfs
Q ₁₀₀ = 81 cfs	

BASIN 3

Existing = Developed
Area = 36 acres
CN = 79
Q ₂ = 33 cfs
Q ₁₀ = 62 cfs
Q ₁₀₀ = 110 cfs

BASIN 4

Existing = Developed
Area = 32 acres
CN = 88
Q ₂ = 9 cfs
Q ₁₀ = 15 cfs
Q ₁₀₀ = 24 cfs



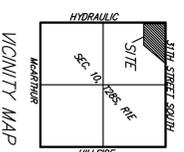
MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES

LOT	BLCK	MSD	ELEVATION
1,2,3,4	A	MSD	1277.0



DATE OF PREPARATION: 16 FEBRUARY 2007
 DATE OF REVISION: 12 FEBRUARY 2007
 DRAWING NUMBER: I-135-01

PROPOSAL:
 HYDRAULIC & ST STREET SOUTH
 C&W BENCHMARK
 4360 FT WEST OF CENTERLINE
 ELEV: 1276.27 (NOV 29)



MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES

LOT	BLCK	MSD	ELEVATION
1,2,3	A	MSD	0000.0

NOTE: No FEMA SFHA exists on this property as of 05 March 2007.

I-135 POWER CENTER 2ND ADDITION DRAINAGE PLAN - SHEET 1

REVISION: JAN. 19 2007
 OF: MARCH 2007

B Baughman Company, P.A.
 11515 L St., Wichita, KS 67211 F315623271 F3156232419
 Baughman
 ENGINEERING SURVEYING PLANNING ARCHITECTURE