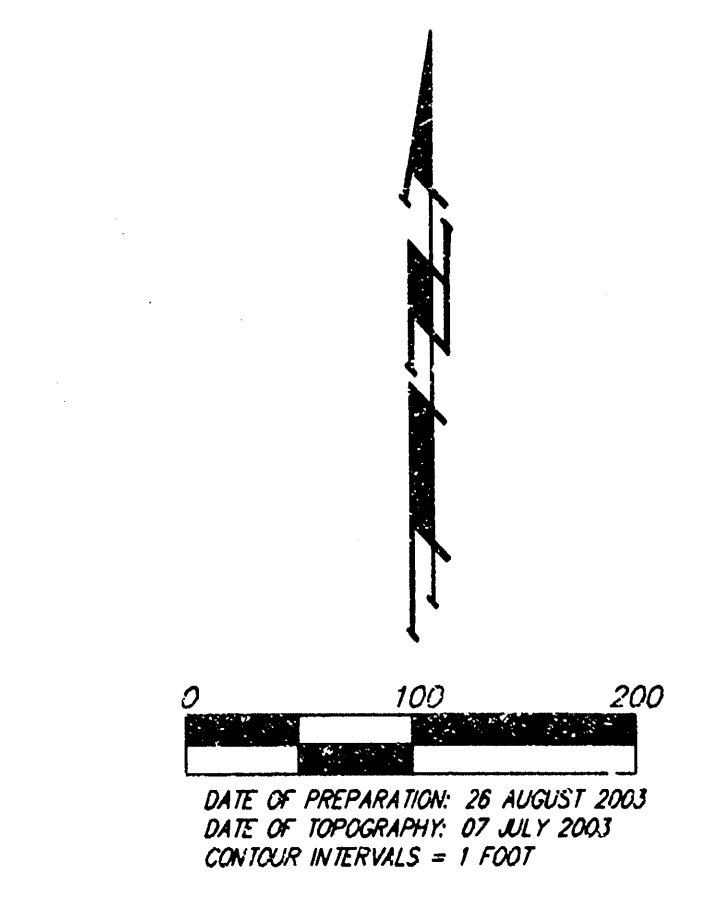
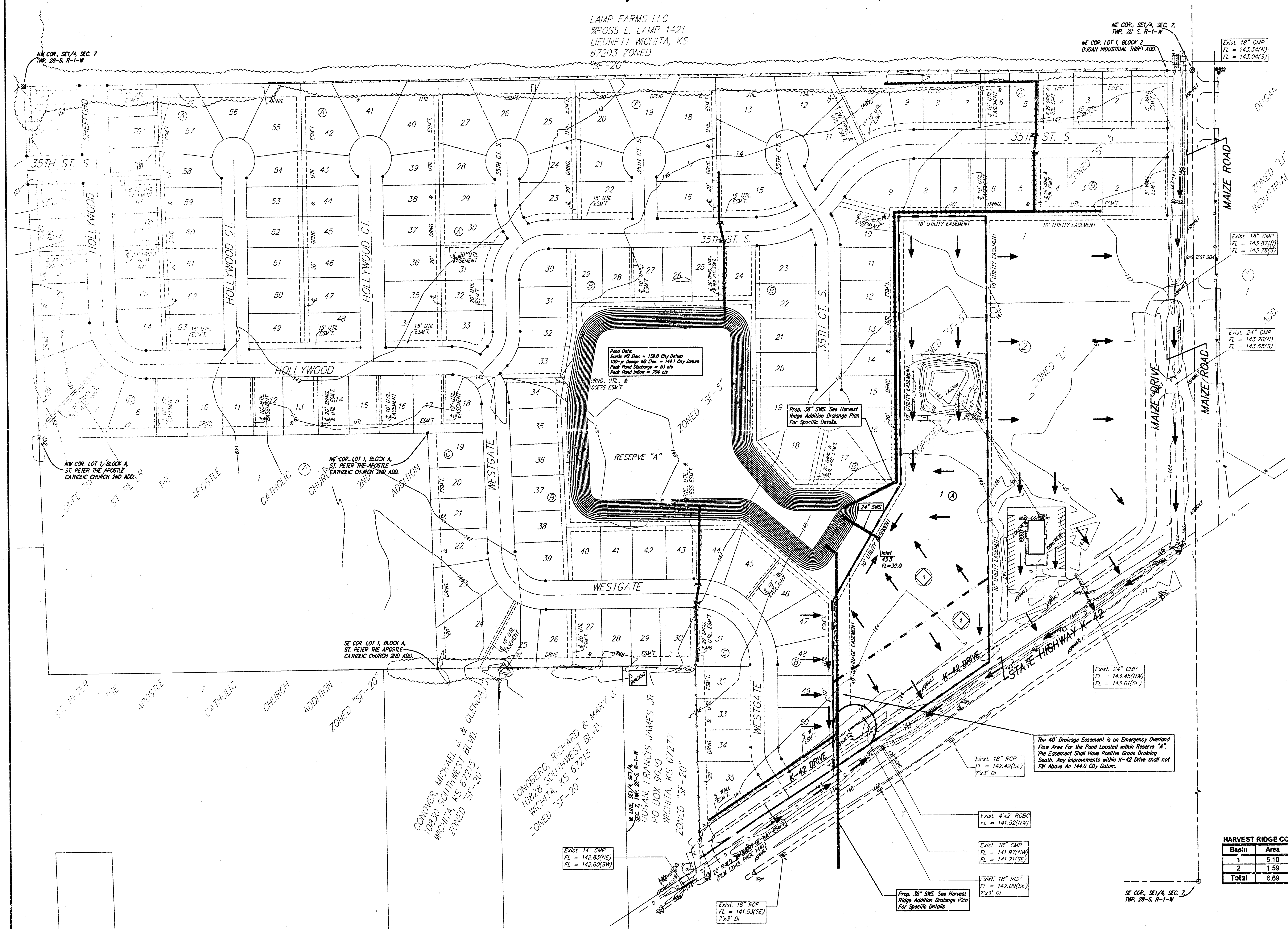


DRAINAGE PLAN

HARVEST RIDGE COMMERCIAL ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

LAMP FARMS LLC
%ROSS L. LAMP 1421
LIEUNETT WICHITA, KS
67203 ZONED
SF-20



DATE OF PREPARATION: 26 AUGUST 2003
DATE OF TOPOGRAPHY: 07 JULY 2003
CONTOUR INTERVALS = 1 FOOT

BENCHMARK:
Railroad spike 1st power pole west of N1/4 Cor.
Sec. 7, Twp. 28-S, R-1-W of the 6th P.M.
Elev. = 154.43 (City Datum)
Elev. = 1341.83 (NGVD29)

Railroad spike 3rd power pole west of N1/4 Cor.
Sec. 7, Twp. 28-S, R-1-W of the 6th P.M.
Elev. = 156.99 (City Datum)
Elev. = 1344.39 (NGVD29)

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES			
LOT	BLOCK	ELEVATION	
		CITY DATUM	NGVD29
1	A	145.1	1332.5

HARVEST RIDGE COMMERCIAL ADDITION - Rational Method - Q = cfs - tc = 15 min

Basin	Area	C ₁	C ₂	C ₁₀₀	Q ₂ (cfs)	Q ₅ (cfs)	Q ₁₀₀ (cfs)
1	5.10	0.84	0.85	0.91	16.4	13.8	34.2
2	1.59	0.84	0.85	0.91	5.1	6.2	10.7
Total	6.69	-	-	-	21.5	25.9	44.9

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
P. 18-21 HARVEST RIDGE COMMERCIAL ADDITION DRAINAGE PLAN