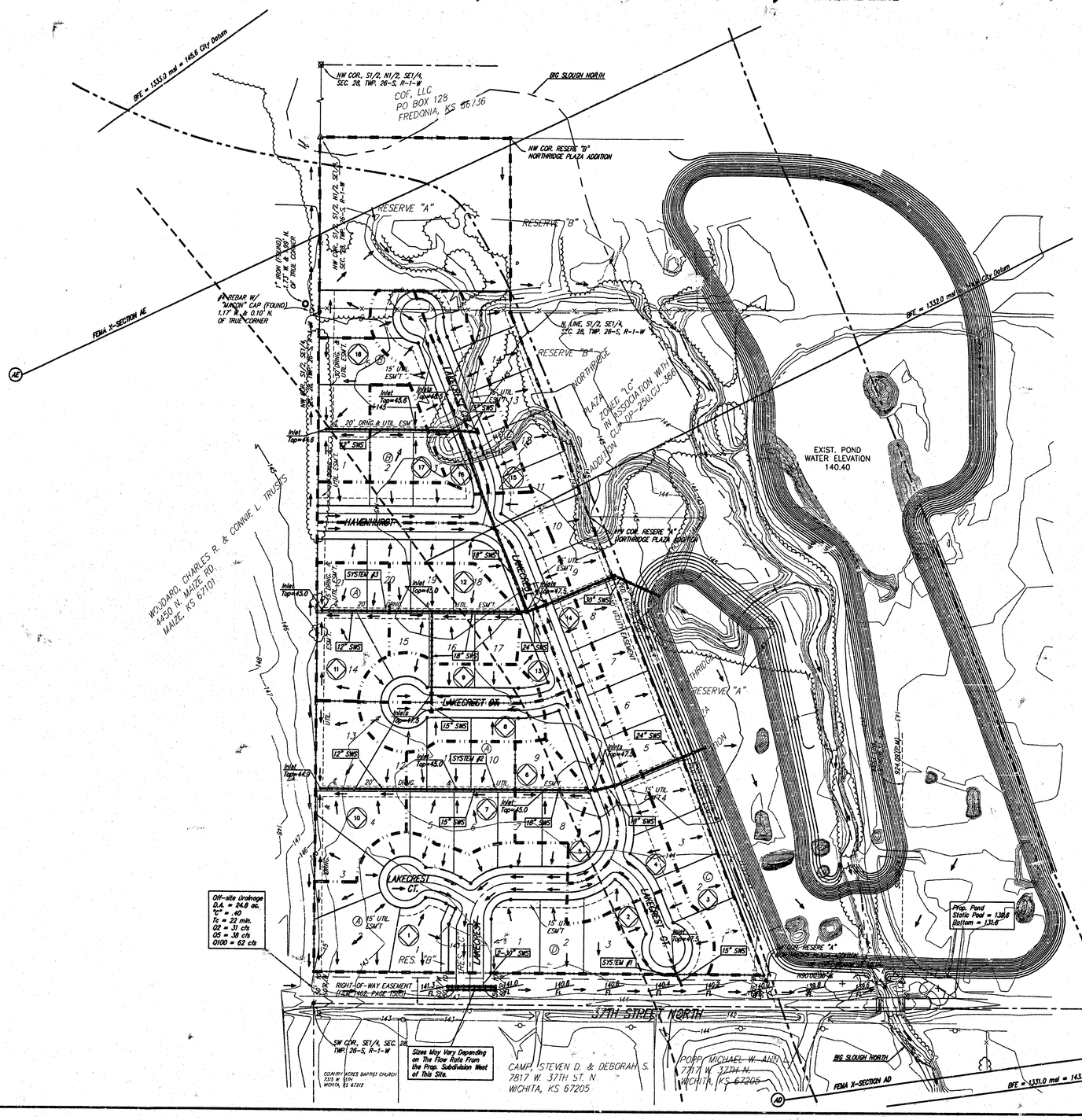
DRAINAGE PLAN
NORTHRIDGE ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



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DATE OF PREPARATION: NOVEMBER 18, 2002

(M) = MEASURED
(P) = PLATTED
(D) = DESCRIBED
(C) = CALCULATED
(C-D) = CALCULATED PER DESCRIBED INFO.

● = #4 REBAR W/ "BAUGHMAN" CAP (SET)
△ = #4 REBAR W/ "BAUGHMAN" CAP (FOUND)
○ = #4 REBAR W/ "WILSON" CAP (FOUND)
□ = RAILROAD SPIKE (FOUND)
× = CHISELED CROSS (FOUND)
⊙ = 1" IRON (FOUND)
⊠ = 3/4" IRON (FOUND)
Ø = Ø5 REBAR (FOUND)
■ = #4 REBAR (FOUND)

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES			
LOT(S)	BLOCK	ELEVATION	
		CITY DATUM	NGVD
1-10	C	145.6	1,333.0
11-15	C	146.1	1,333.5
3	D	145.6	1,333.0
1,4-6	B	146.1	1,333.5

BENCHMARK:
"□" on hubguard of R.C.B.C., 73' west of SE Cor., SE1/4, Sec. 28, Twp. 26-S, R-1-W.
Elev. = 1,331.52 NGVD29
Elev. = 144.12 City Datum

DRAINAGE LEGEND:
PROPOSED FLOW
BASIN DELINEATION
BASIN ID

Northridge Addition -- Rational Method -- Q = cia -- tc = 15 min.

Basin	Area	C_2	C_5	C_{100}	Q_2 (cfs)	Q_5 (cfs)	Q_{100} (cfs)
1	3.00	0.48	0.51	0.68	5.5	7.0	15.0
2	0.54	0.48	0.51	0.68	1.0	1.3	2.7
3	5.48	0.48	0.51	0.68	10.1	12.7	27.3
4	1.06	0.48	0.51	0.68	1.9	2.5	5.3
5	0.54	0.48	0.51	0.68	1.0	1.3	2.7
6	0.52	0.48	0.51	0.68	1.0	1.2	2.6
7	0.93	0.48	0.51	0.68	1.7	2.2	4.7
8	0.64	0.48	0.51	0.68	1.2	1.5	3.2
9	0.60	0.48	0.51	0.68	1.1	1.4	3.0
10	1.09	0.48	0.51	0.68	2.0	2.5	5.5
11	0.79	0.48	0.51	0.68	1.5	1.8	4.0
12	0.99	0.48	0.51	0.68	1.8	2.3	5.0
13	1.02	0.48	0.51	0.68	1.9	2.4	5.1
14	1.30	0.48	0.51	0.68	2.4	3.0	6.5
15	0.72	0.48	0.51	0.68	1.3	1.7	3.6
16	0.76	0.48	0.51	0.68	1.4	1.8	3.8
17	0.49	0.48	0.51	0.68	0.9	1.1	2.5
18	0.75	0.48	0.51	0.68	1.4	1.7	3.8

30 DECEMBER 2002

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