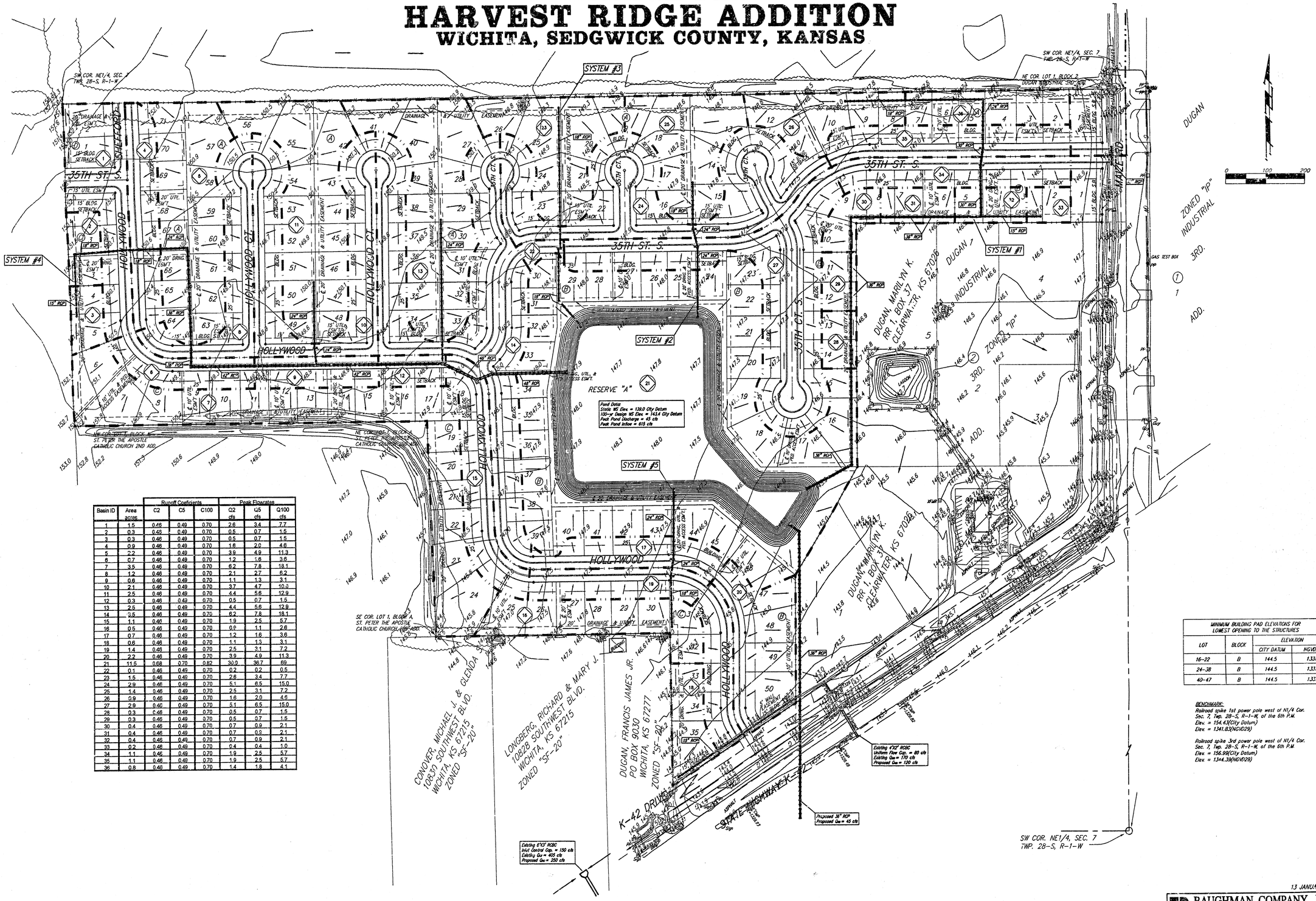
DRAINAGE PLAN
HARVEST RIDGE ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



Basin ID	Area	Runoff Coefficients			Peak Flowrates		
	acres	C2	C5	C100	Q2 cfs	Q5 cfs	Q100 cfs
1	1.5	0.46	0.49	0.70	2.6	3.4	7.7
2	0.3	0.46	0.49	0.70	0.5	0.7	1.5
3	0.3	0.46	0.49	0.70	0.5	0.7	1.5
4	0.9	0.46	0.49	0.70	1.6	2.0	4.6
5	2.2	0.46	0.49	0.70	3.9	4.9	11.3
6	0.7	0.46	0.49	0.70	1.2	1.6	3.6
7	3.5	0.46	0.49	0.70	6.2	7.8	18.1
8	1.2	0.46	0.49	0.70	2.1	2.7	6.2
9	0.6	0.46	0.49	0.70	1.1	1.3	3.1
10	2.1	0.46	0.49	0.70	3.7	4.7	10.8
11	2.5	0.46	0.49	0.70	4.4	5.6	12.9
12	0.3	0.46	0.49	0.70	0.5	0.7	1.5
13	2.5	0.46	0.49	0.70	4.4	5.6	12.9
14	3.5	0.46	0.49	0.70	6.2	7.8	18.1
15	1.1	0.46	0.49	0.70	1.9	2.5	5.7
16	0.5	0.46	0.49	0.70	0.9	1.1	2.6
17	0.7	0.46	0.49	0.70	1.2	1.6	3.6
18	0.6	0.46	0.49	0.70	1.1	1.3	3.1
19	1.4	0.46	0.49	0.70	2.5	3.1	7.2
20	2.2	0.46	0.49	0.70	3.9	4.9	11.3
21	11.5	0.68	0.70	0.82	30.0	36.7	69
22	0.1	0.46	0.49	0.70	0.2	0.2	0.5
23	1.5	0.46	0.49	0.70	2.6	3.4	7.7
24	2.9	0.46	0.49	0.70	5.1	6.5	15.0
25	1.4	0.46	0.49	0.70	2.5	3.1	7.2
26	0.9	0.46	0.49	0.70	1.6	2.0	4.6
27	2.9	0.46	0.49	0.70	5.1	6.5	15.0
28	0.3	0.46	0.49	0.70	0.5	0.7	1.5
29	0.3	0.46	0.49	0.70	0.5	0.7	1.5
30	0.4	0.46	0.49	0.70	0.7	0.9	2.1
31	0.4	0.46	0.49	0.70	0.7	0.9	2.1
32	0.4	0.46	0.49	0.70	0.7	0.9	2.1
33	0.2	0.46	0.49	0.70	0.4	0.4	1.0
34	1.1	0.46	0.49	0.70	1.9	2.5	5.7
35	1.1	0.46	0.49	0.70	1.9	2.5	5.7
36	0.8	0.46	0.49	0.70	1.4	1.8	4.1

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES			
LOT	BLOCK	ELEVATION	
		CITY DATUM	NGVD29
16–22	B	144.5	1,331.9
24–38	B	144.5	1,331.9
40–47	B	144.5	1,331.9

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. = 156.98(City Datum)
Elev. = 1344.39(NGVD29)

13 JANUARY 2003

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316–262–7271 • 315 ELLIS • WICHITA, KANSAS 67211
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