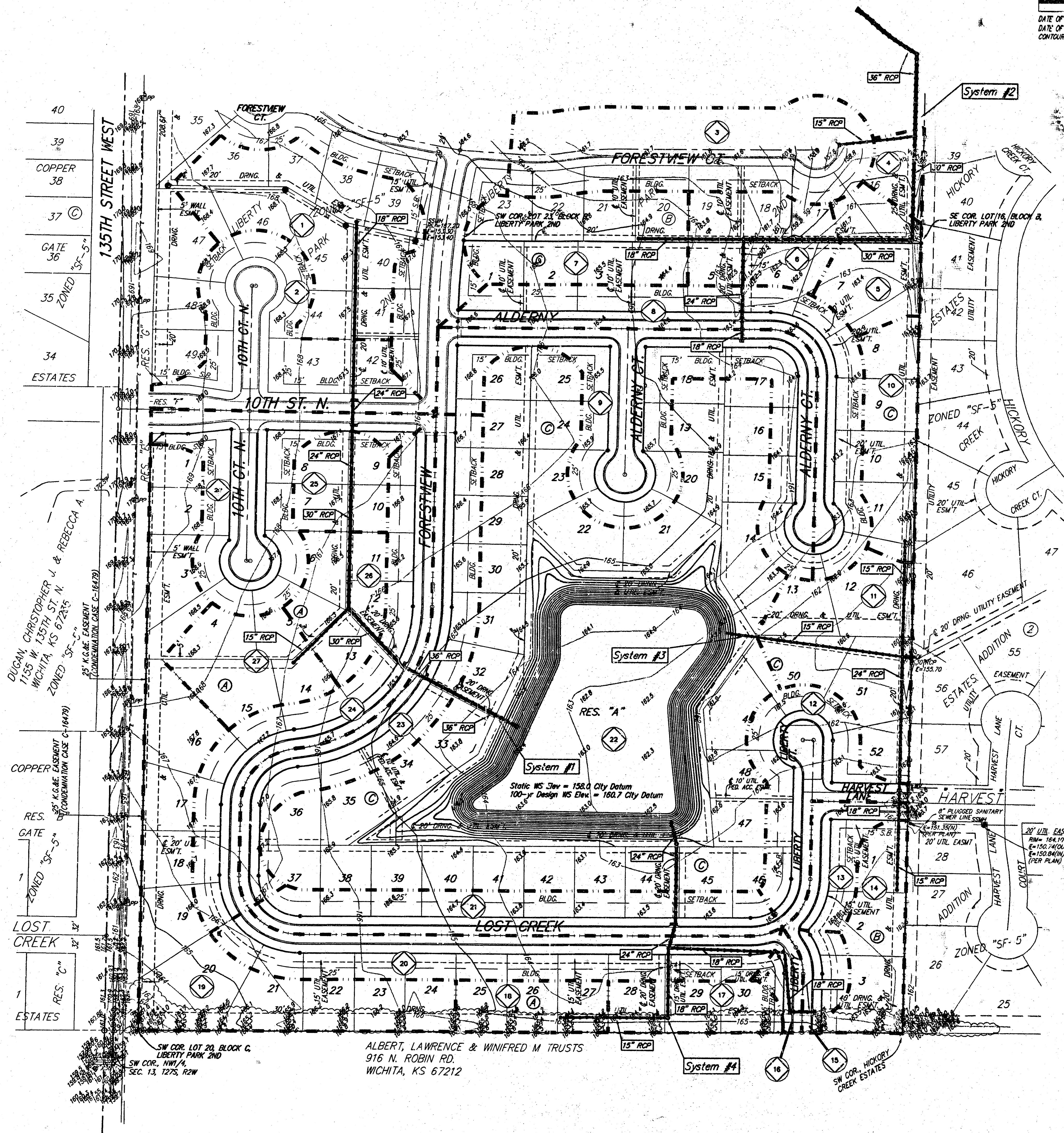
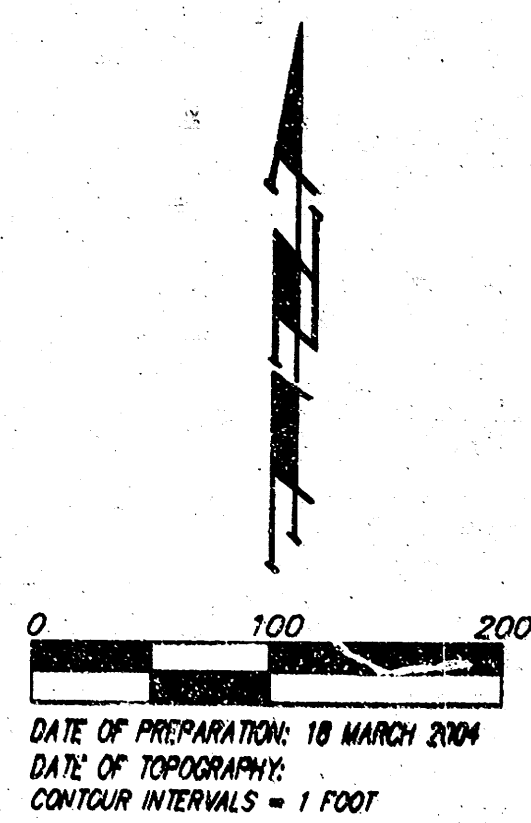


DRAINAGE PLAN LIBERTY PARK 3RD AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

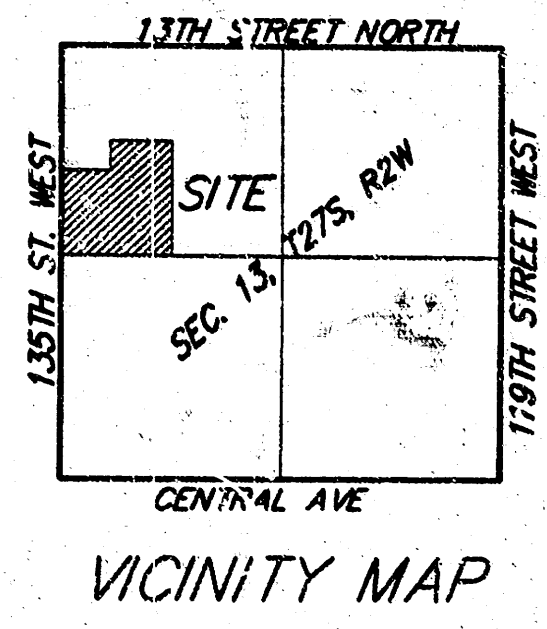
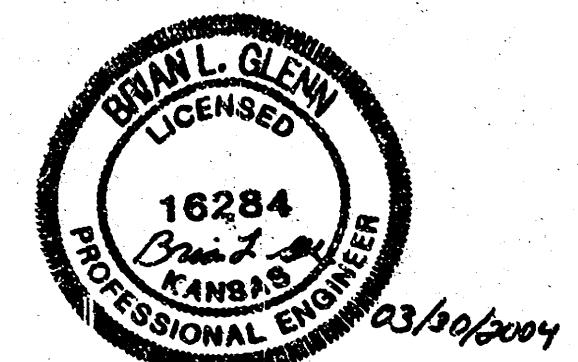


MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION CITY DATUM
13-14, 20-23	C	163.5
29-35, 38-45	C	163.5
47-50	C	163.5

Basin ID	Area acres	Rational Method "C"			Peak Flowrates		
		2-yr	5-yr	100-yr	2-yr cfs	5-yr cfs	100-yr cfs
1	1.8	0.46	0.49	0.70	3.2	4.0	9.3
2	1.7	0.46	0.49	0.70	3.0	3.8	8.8
3	2.1	0.46	0.49	0.70	3.7	4.7	11
4	0.2	0.46	0.49	0.70	0.4	0.4	1.0
5	0.7	0.46	0.49	0.70	1.2	1.6	3.8
6	0.9	0.46	0.49	0.70	1.6	2.0	4.6
7	1.3	0.46	0.49	0.70	2.3	2.9	6.7
8	1.9	0.46	0.49	0.70	3.3	4.2	9.8
9	2.7	0.46	0.49	0.70	4.8	6.0	14
10	0.8	0.46	0.49	0.70	1.4	1.8	4.1
11	1.4	0.46	0.49	0.70	2.5	3.1	7.2
12	1.2	0.46	0.49	0.70	2.1	2.7	6.2
13	0.5	0.46	0.49	0.70	0.9	1.1	2.6
14	0.8	0.46	0.49	0.70	1.4	1.8	4.1
15	0.3	0.46	0.49	0.70	0.5	0.7	1.5
16	0.2	0.46	0.49	0.70	0.4	0.4	1.0
17	0.6	0.46	0.49	0.70	1.1	1.3	3.1
18	0.5	0.46	0.49	0.70	0.9	1.1	2.6
19	3	0.46	0.49	0.70	5.3	6.7	15
20	1.6	0.46	0.49	0.70	2.6	3.6	8.5
21	1.5	0.46	0.49	0.70	2.6	3.4	7.7
22	10.7	0.61	0.63	0.78	25	31	62
23	1.7	0.46	0.49	0.70	3.0	3.8	8.8
24	1.8	0.46	0.49	0.70	3.2	4.0	9.3
25	0.6	0.46	0.49	0.70	1.1	1.3	3.1
26	0.7	0.46	0.49	0.70	1.2	1.6	3.6
27	0.8	0.46	0.49	0.70	1.4	1.8	4.1
28	1.6	0.46	0.49	0.70	2.8	3.6	8.3

BENCHMARK:
135th St. W. & 13th St. N. City of
Wichita Benchmark Data, SE corner of
intersection
56' East of Centerline
55' South of Centerline
Elev. = 167.85 City Datum
(1355.23 NGVD29)

604 Nail in High Line Pole, 800' W. &
31' N. of the NE cor., NW 1/4, Sec. 13,
Twp. 23-S, R-2-W
Elev. = 1350.08 NGVD29
(102.68 City Datum)



30 MARCH 2004

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-2811-2211 • 318 ELLIOTT • WICHITA, KANSAS 67201
A FULLY LICENSED SURVEYING AND ENGINEERING FIRM