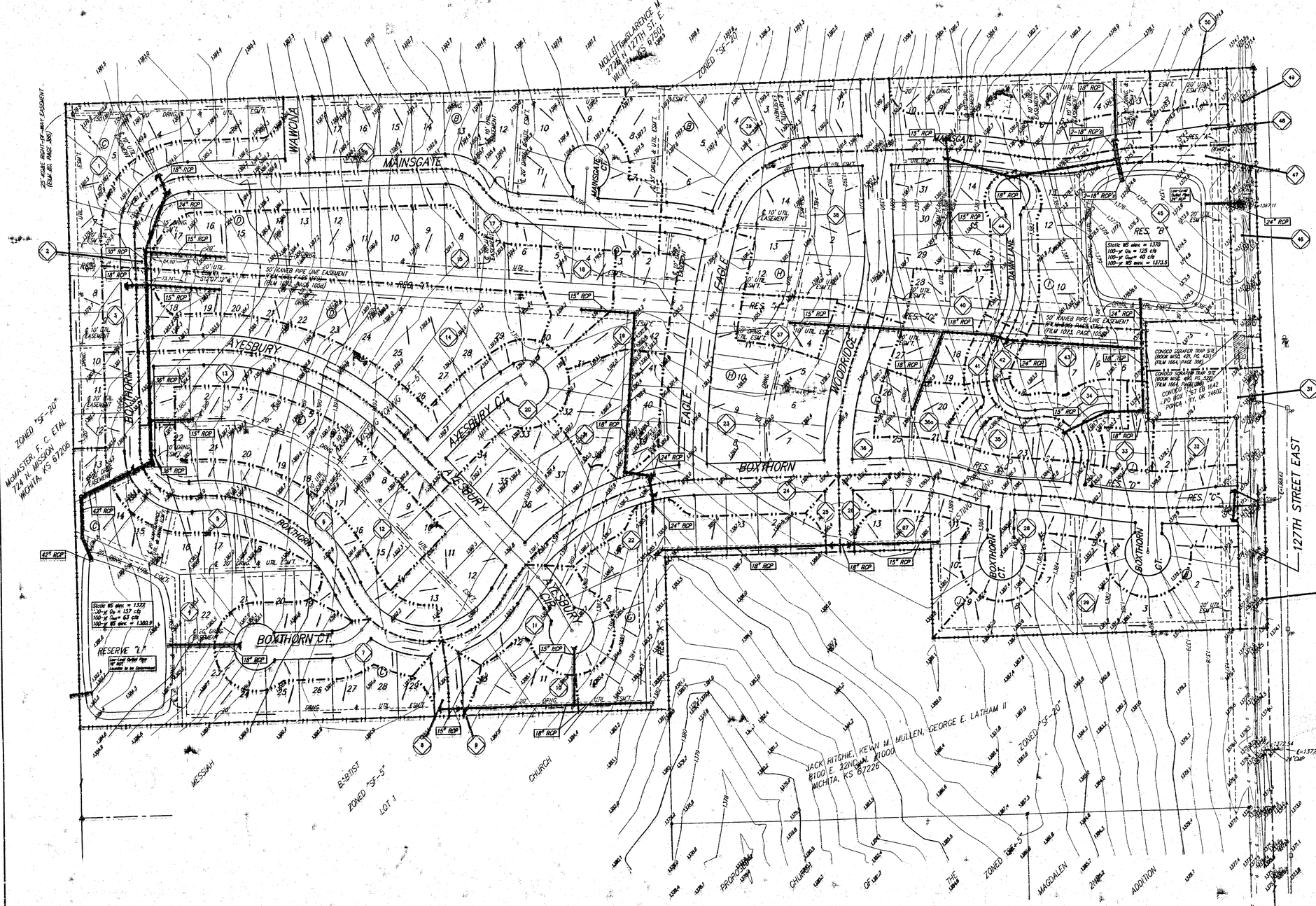
DRAINAGE PLAN
THE FAIRMONT
AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES			
LOT(S)	BLOCK	ELEVATION	
		CITY DATUM	NGVD29
14,15,16,22,23	C	1385.5	1383.9
5-10	F	1385.5	1383.3
5-7, 9-13	H	1386.0	1373.4

Basin ID	Area acres	Runoff Coeficient 2-yr m/n	5-yr m/n	100-yr m/n	Peak Flowrate 2-yr cfs	5-yr cfs	100-yr cfs
1	2.2	0.50	0.54	0.76	4.2	5.4	12
2	0.1	0.50	0.54	0.76	0.2	0.2	0.6
3	0.3	0.50	0.54	0.76	0.6	0.7	1.7
4	5.0	0.63	0.68	0.82	12	15	30
5	1.4	0.50	0.54	0.76	2.7	3.4	7.8
6	1.5	0.50	0.54	0.76	2.9	3.5	8.4
7	1.5	0.50	0.54	0.76	2.9	3.7	8.4
8	0.2	0.50	0.54	0.76	0.4	0.5	1.1
9	0.2	0.50	0.54	0.76	0.4	0.5	1.1
10	0.6	0.50	0.54	0.76	1.1	1.3	3.4
11	1.2	0.50	0.54	0.76	2.3	3.0	6.7
12	2.3	0.50	0.54	0.76	4.4	5.7	13
13	1.5	0.50	0.54	0.76	2.9	3.7	8.4
14	2.7	0.50	0.54	0.76	5.2	6.6	15
15	2.7	0.50	0.54	0.76	5.2	6.6	15
16	4.6	0.50	0.54	0.76	8.8	11	26
17	2.2	0.50	0.54	0.76	4.2	5.4	12
18	0.7	0.50	0.54	0.76	1.3	1.7	3.9
19	0.8	0.50	0.54	0.76	1.5	2.0	4.5
20	2.6	0.50	0.54	0.76	5.0	6.4	15
21	1.7	0.50	0.54	0.76	2.1	2.7	6.2
22	2.2	0.50	0.54	0.76	4.2	5.4	12
23	5.7	0.50	0.54	0.76	12	16	35
24	1.0	0.50	0.54	0.76	1.9	2.5	5.6
25	0.2	0.50	0.54	0.76	0.4	0.5	1.1
26	0.2	0.50	0.54	0.76	0.4	0.5	1.1
27	0.7	0.50	0.54	0.76	1.3	1.7	3.9
28	2.5	0.50	0.54	0.76	4.8	6.2	14
29	1.9	0.50	0.54	0.76	3.6	4.7	11
30	0.4	0.50	0.54	0.76	0.8	1.0	2.2
31	0.9	0.50	0.54	0.76	1.7	2.2	5.0
32	0.5	0.50	0.54	0.76	1.0	1.2	2.8
33	0.3	0.50	0.54	0.76	0.6	0.7	1.7
34	0.6	0.50	0.54	0.76	1.1	1.5	3.4
35	0.6	0.50	0.54	0.76	1.1	1.5	3.4
36	2.1	0.50	0.54	0.76	5.0	6.4	15
36a	0.5	0.50	0.54	0.76	1.0	1.2	2.8
37	0.5	0.50	0.54	0.76	1.0	1.2	2.8
38	4.1	0.50	0.54	0.76	7.9	10	23
39	3.8	0.50	0.54	0.76	7.5	10	22
40	0.9	0.50	0.54	0.76	1.7	2.2	5.0
41	0.2	0.50	0.54	0.76	0.4	0.5	1.1
42	0.1	0.50	0.54	0.76	0.2	0.2	0.6
43	0.8	0.50	0.54	0.76	1.5	2.0	4.5
44	0.8	0.50	0.54	0.76	1.5	2.0	4.5
45	3.3	0.63	0.68	0.82	8.0	9.9	20
46	1.1	0.50	0.54	0.76	2.1	2.7	6.2
47	0.1	0.50	0.54	0.76	0.2	0.2	0.6
48	0.3	0.50	0.54	0.76	0.6	0.7	1.7
49	0.2	0.50	0.54	0.76	0.4	0.5	1.1
50	0.3	0.50	0.54	0.76	0.6	0.7	1.7
51	1.1	0.50	0.54	0.76	2.1	2.7	6.2

NOTE: Calculations have been ommited from this submittal. Refer to the original submittal of the "Drainage Plat" for THE FAIRMONT for hydraulic pond routings.

27 NOVEMBER 2001

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J:\PLAT\THE FAIRMONT\DWG\FAIRMNTP.DWG-MOD