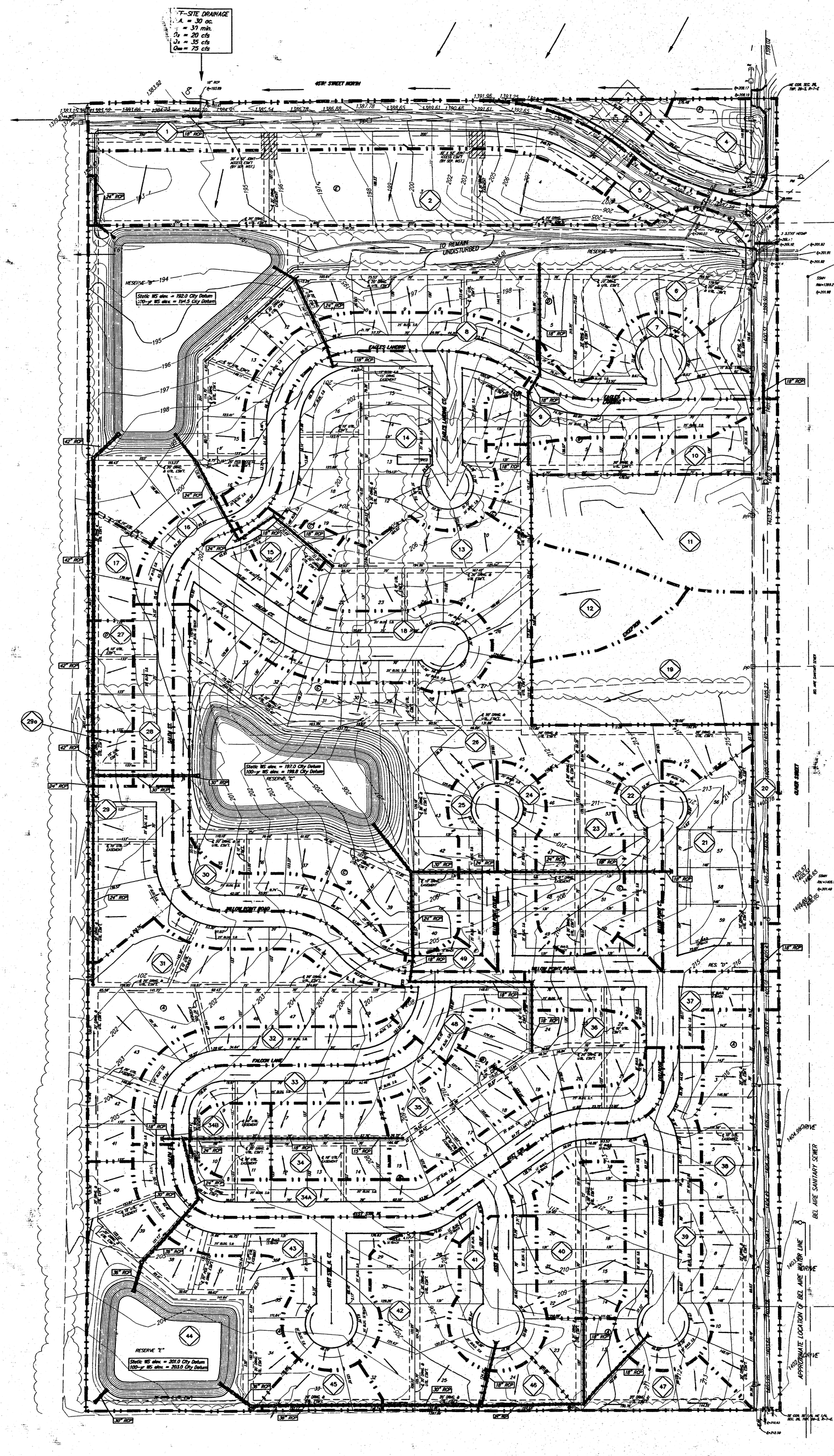
DRAINAGE PLAN
EAGLES LANDING AT NORTH OLIVER
WICHITA, SEDGWICK COUNTY, KANSAS



Basin	Area	Runoff Coeficient			Peak Flowrate		
ID	acres	2-yr in/in	5-yr in/in	100-yr in/in	2-yr cfs	5-yr cfs	100-yr cfs
1	2.3	0.50	0.54	0.76	4.4	5.7	13
2	3.4	0.50	0.54	0.76	6.5	8.4	19
3	0.4	0.50	0.54	0.76	0.8	1.0	2.2
4	1.0	0.50	0.54	0.76	1.9	2.5	5.6
5	0.5	0.50	0.54	0.76	1.0	1.2	2.8
6	9.4	0.70	0.82	0.86	25	35	60
7	1.0	0.50	0.54	0.76	1.9	2.5	5.6
8	1.5	0.50	0.54	0.76	2.9	3.7	8.4
9	1.0	0.50	0.54	0.76	1.9	2.5	5.6
10	1.2	0.50	0.54	0.76	2.3	3.0	6.7
11	2.2	0.50	0.54	0.76	4.2	5.4	12
12	1.1	0.50	0.54	0.76	2.1	2.7	6.2
13	1.7	0.50	0.54	0.76	3.3	4.2	9.5
14	3.3	0.50	0.54	0.76	6.3	8.1	19
15	0.4	0.50	0.54	0.76	0.8	1.0	2.2
16	0.5	0.50	0.54	0.76	1.0	1.2	2.8
17	0.4	0.50	0.54	0.76	0.8	1.0	2.2
18	2.2	0.50	0.54	0.76	4.2	5.4	12
19	2.3	0.50	0.54	0.76	4.4	5.7	13
20	0.5	0.50	0.54	0.76	1.0	1.2	2.8
21	1.8	0.50	0.54	0.76	3.4	4.4	10
22	0.7	0.50	0.54	0.76	1.3	1.7	3.9
23	1.4	0.50	0.54	0.76	2.7	3.4	7.8
24	1.0	0.50	0.54	0.76	1.9	2.5	5.6
25	0.7	0.50	0.54	0.76	1.3	1.7	3.9
26	7.0	0.70	0.82	0.86	19	26	44
27	0.5	0.50	0.54	0.76	1.0	1.2	2.8
28	0.7	0.50	0.54	0.76	1.3	1.7	3.9
29	1.9	0.50	0.54	0.76	3.6	4.7	11
29a	0.2	0.50	0.54	0.76	0.4	0.5	1.1
30	1.2	0.50	0.54	0.76	2.3	3.0	6.7
31	2.7	0.50	0.54	0.76	5.2	6.6	15
32	1.1	0.50	0.54	0.76	2.1	2.7	6.2
33	1.0	0.50	0.54	0.76	1.9	2.5	5.6
34	1.3	0.50	0.54	0.76	2.5	3.2	7.3
34A	1.9	0.50	0.54	0.76	3.6	4.7	11
34B	0.8	0.50	0.54	0.76	1.5	2.0	4.5
35	0.9	0.50	0.54	0.76	1.7	2.2	5.0
36	1.1	0.50	0.54	0.76	2.1	2.7	6.2
37	1.6	0.50	0.54	0.76	3.1	3.9	9.0
38	2.6	0.50	0.54	0.76	5.0	6.4	15
39	1.4	0.50	0.54	0.76	2.7	3.4	7.8
40	1.2	0.50	0.54	0.76	2.3	3.0	6.7
41	1.1	0.50	0.54	0.76	2.1	2.7	6.2
42	1.4	0.50	0.54	0.76	2.7	3.4	7.8
43	3.4	0.50	0.54	0.76	6.5	8.4	19
44	3.2	0.70	0.82	0.86	8.6	12	20
45	0.4	0.50	0.54	0.76	0.8	1.0	2.2
46	0.3	0.50	0.54	0.76	0.6	0.7	1.7
47	1.0	0.50	0.54	0.76	1.9	2.5	5.6
48	0.2	0.50	0.54	0.76	0.4	0.5	1.1
49	0.2	0.50	0.54	0.76	0.4	0.5	1.1

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION NGVD
34-40	A	205.0
27-39, 41-44	C	201.0
2	D	207.0
3	D	206.0
5	D	204.0
6	D	203.0
7	D	202.5
8	D	201.5
9	D	201.0
10	D	200.5
11	D	198.0
12-18	D	196.5

NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of street and storm sewer improvements within this plat that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.

Revised 13 APRIL 2001
& APRIL 2001

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