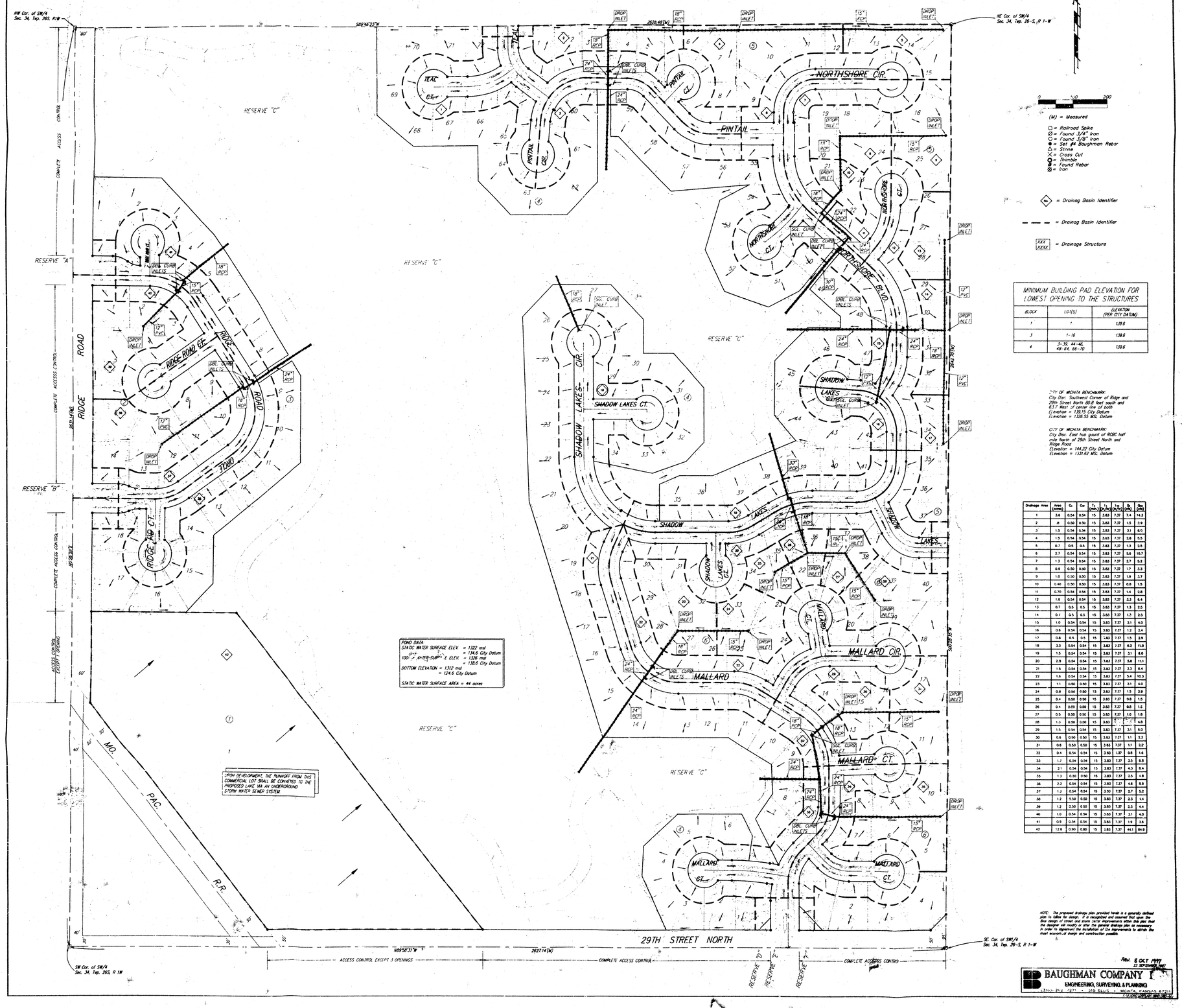
DRAINAGE PLAN

THE CROSSWINDS

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES		
BLOCK	LOT(S)	ELEVATION (PER CITY DATUM)
1	1	139.6
3	1-16	139.6
4	3-39, 44-46, 48-64, 66-70	139.6

CITY OF WICHITA BENCHMARK:
City Disc. Southwest Corner of Ridge and 29th Street North 80.8 feet south and 63.1' West of center line of both
Elevation = 139.15 City Datum
Elevation = 1336.55 MSL Datum

CITY OF WICHITA BENCHMARK:
City Disc. East hub guard of RCBC half mile North of 29th Street North and Ridge Road.
Elevation = 144.22 City Datum
Elevation = 1331.62 MSL Datum

Drainage Area	Area (acres)	Co	Cp	Tc (min.)	I1 (in/hr)	I100 (in/hr)	Q1 (cfs)	Q100 (cfs)
1	3.6	0.54	0.54	15	3.83	7.37	7.4	14.3
2	.8	0.50	0.50	15	3.83	7.37	1.5	2.9
3	1.5	0.54	0.54	15	3.83	7.37	3.1	6.0
4	1.5	0.54	0.54	15	3.83	7.37	2.8	5.5
5	0.7	0.5	0.5	15	3.83	7.37	1.3	2.5
6	2.7	0.54	0.54	15	3.83	7.37	5.6	10.7
7	1.3	0.54	0.54	15	3.83	7.37	2.7	5.2
8	0.9	0.50	0.50	15	3.83	7.37	1.7	3.3
9	1.0	0.50	0.50	15	3.83	7.37	1.9	3.7
10	0.40	0.50	0.50	15	3.83	7.37	0.8	1.5
11	0.70	0.54	0.54	15	3.83	7.37	1.4	2.8
12	1.8	0.54	0.54	15	3.83	7.37	3.3	6.4
13	0.7	0.5	0.5	15	3.83	7.37	1.3	2.5
14	0.7	0.5	0.5	15	3.83	7.37	1.3	2.5
15	1.0	0.54	0.54	15	3.83	7.37	2.1	4.0
16	0.8	0.54	0.54	15	3.83	7.37	1.2	2.4
17	0.8	0.5	0.5	15	3.83	7.37	1.5	2.9
18	3.0	0.54	0.54	15	3.83	7.37	6.2	11.9
19	1.5	0.54	0.54	15	3.83	7.37	3.1	6.0
20	2.8	0.54	0.54	15	3.83	7.37	5.8	11.1
21	1.6	0.54	0.54	15	3.83	7.37	3.3	6.4
22	1.6	0.54	0.54	15	3.83	7.37	5.4	10.3
23	1.1	0.50	0.50	15	3.83	7.37	2.1	4.0
24	0.8	0.50	0.50	15	3.83	7.37	1.5	2.9
25	0.4	0.50	0.50	15	3.83	7.37	0.8	1.5
26	0.4	0.50	0.50	15	3.83	7.37	0.8	1.5
27	0.5	0.50	0.50	15	3.83	7.37	1.0	1.8
28	1.3	0.50	0.50	15	3.83	7.37	2.5	4.8
29	1.5	0.54	0.54	15	3.83	7.37	3.1	6.0
30	0.8	0.50	0.50	15	3.83	7.37	1.1	2.2
31	0.8	0.50	0.50	15	3.83	7.37	1.1	2.2
32	0.4	0.54	0.54	15	3.83	7.37	0.8	1.6
33	1.7	0.54	0.54	15	3.83	7.37	3.5	6.8
34	2.1	0.54	0.54	15	3.83	7.37	4.3	8.4
35	1.3	0.50	0.50	15	3.83	7.37	2.5	4.8
36	2.3	0.54	0.54	15	3.83	7.37	4.8	9.3
37	1.3	0.54	0.54	15	3.83	7.37	2.7	5.2
38	1.2	0.50	0.50	15	3.83	7.37	2.3	4.4
39	1.2	0.50	0.50	15	3.83	7.37	2.3	4.4
40	1.0	0.54	0.54	15	3.83	7.37	2.1	4.0
41	0.9	0.54	0.54	15	3.83	7.37	1.9	3.6
42	12.8	0.90	0.90	15	3.83	7.37	44.1	84.8

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 either this plan, 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.

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27 SEPTEMBER, 1971

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