DRAINAGE PLAN
HIGHLAND SPRINGS 2ND ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS

Drainage Area	Area (acres)	Cs	Cwa	Tc (min)	i5 (in/hr)	i100 (in/hr)	Q5 (cfs)	Q100 (cfs)
1	2.7	0.54	0.54	15	3.83	7.36	5.5	10.7
2	3.2	0.54	0.54	15	3.83	7.36	6.6	12.7
3	2.1	0.50	0.50	15	3.83	7.36	4.0	7.7
4	2.9	0.54	0.54	15	3.83	7.36	5.7	10.7
5	1.1	0.54	0.54	15	3.83	7.36	2.3	4.4
6	1.4	0.54	0.54	15	3.83	7.36	2.9	5.6
7	1.8	0.50	0.50	15	3.83	7.36	3.4	6.6
8	4.1	0.54	0.54	15	3.83	7.36	8.5	16.3
9	2.3	0.54	0.54	15	3.83	7.36	4.8	9.1
10	1.4	0.50	0.50	15	3.83	7.36	2.7	5.2

Drainage Area	Area (acres)	Cs	Cwa	Tc (min)	i5 (in/hr)	i100 (in/hr)	Q5 (cfs)	Q100 (cfs)
11	1.2	0.50	0.50	15	3.83	7.36	2.3	4.4
12	1.9	0.50	0.50	15	3.83	7.36	3.4	6.6
13	3.6	0.50	0.50	15	3.83	7.36	5.9	13.2
14	1.2	0.50	0.50	15	3.83	36	2.7	4.4
15	1.3	0.50	0.50	15	3.83	7.36	2.5	4.8
16	1.3	0.54	0.54	15	3.83	7.36	2.7	5.2
17	0.9	0.54	0.54	15	3.83	7.36	1.9	3.6
18	0.0	0.54	0.54	15	3.83	7.36	1.9	3.6
19	1.2	0.50	0.50	15	3.83	7.36	2.3	4.4
20	1.0	0.54	0.54	15	3.83	7.36	2.1	4.0

Drainage Area	Area (acres)	Cs	Cwa	Tc (min)	i5 (in/hr)	i100 (in/hr)	Q5 (cfs)	Q100 (cfs)
21	1.9	0.50	0.50	15	3.83	7.36	3.6	7.0
22	0.6	0.54	0.54	15	3.83	7.36	1.2	2.4
23	0.7	0.54	0.54	15	3.83	7.36	1.4	2.8
24	0.9	0.50	0.50	15	3.83	7.36	1.7	3.3
25	1.2	0.50	0.50	15	3.83	7.36	2.3	4.4
26	0.6	0.54	0.54	15	3.83	7.36	1.2	2.4
27	0.7	0.54	0.54	15	3.83	7.36	1	2.8
28	1.2	0.54	0.54	15	3.83	7.36	2.5	4.8
29	1.1	0.54	0.54	15	3.83	7.36	2.3	4.4
30	1.3	0.54	0.54	15	3.83	7.36	2.7	5.2

Drainage Area	Area (acres)	Cs	Cwa	Tc (min)	i5 (in/hr)	i100 (in/hr)	Q5 (cfs)	Q100 (cfs)
31	1.4	0.54	0.54	15	3.83	7.36	2.9	5.6
32	1.5	0.54	0.54	15	3.83	7.36	3.1	6.0
33	5.4	0.50	0.50	15	3.83	7.36	10.3	19.9
34	5.6	0.54	0.54	15	3.83	7.36	11.6	22.3
35	1.1	0.50	0.50	15	3.83	7.36	2.1	4.0
36	.2	0.50	0.50	15	3.83	7.36	2.3	4.4
37	1.3	0.50	0.50	15	3.83	7.36	2.5	4.8
38	1.4	0.50	0.50	15	3.83	7.36	2.7	5.2
39	29.9	0.73	0.73	15	3.83	7.36	84.4	112.3

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