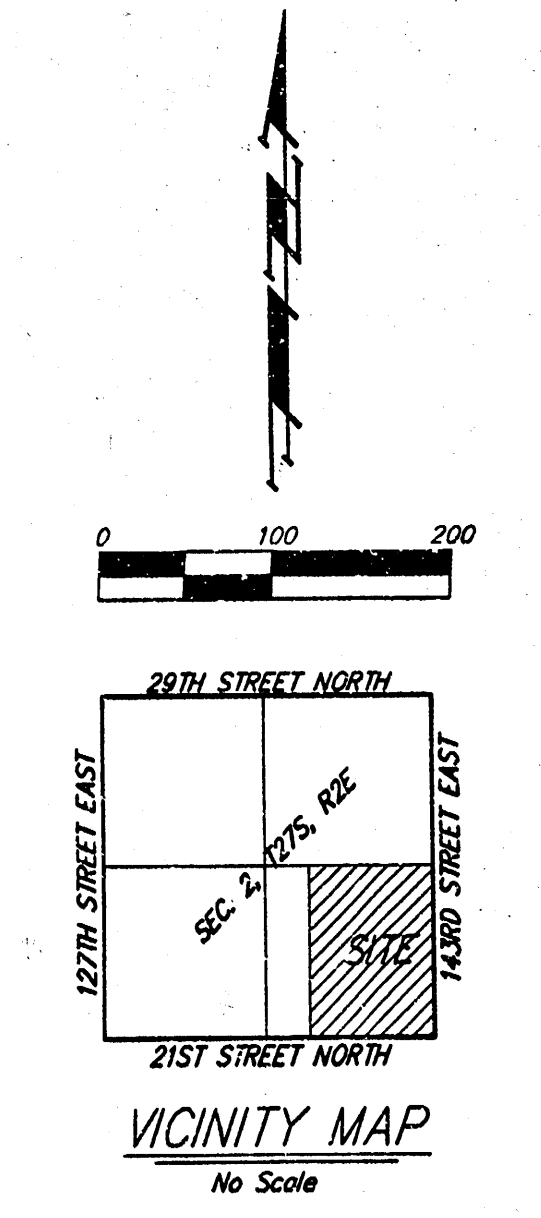
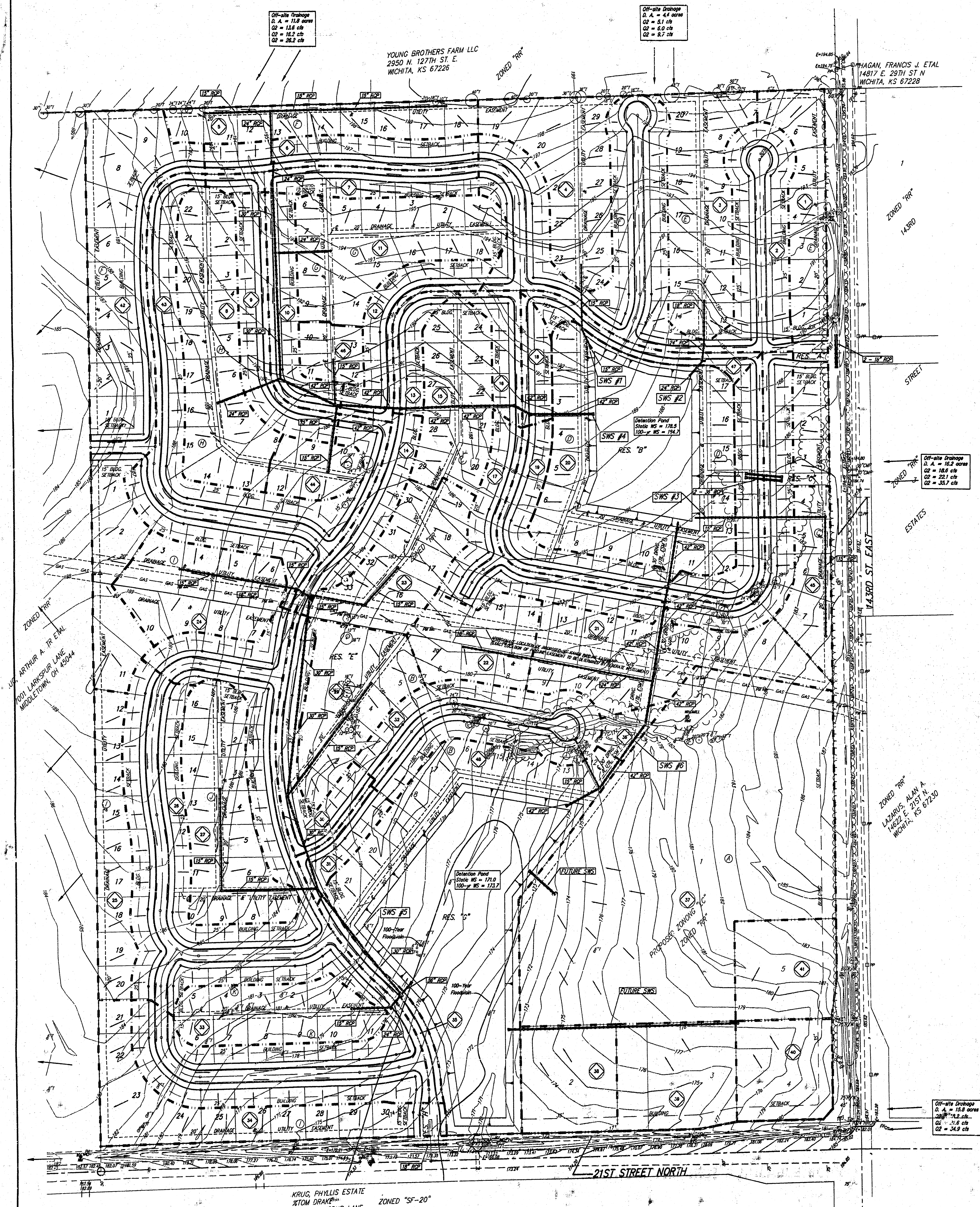


DRAINAGE PLAN KRUG NORTH ADDITION WICHITA, SEDGWICK COUNTY, KANSAS



- LEGEND**
- Road Delimiter
 - Catch Basin
 - General Flow Direction
 - Catch Basin
 - Drop Inlet
 - Storm Water Sewer

KRUG NORTH ADDITION - STORMWATER FLOWS

BASIN #	BASIN AREA (acres)	Time of Conc. (min)	RUNOFF COEFFICIENTS			PEAK FLOWRATE		
			2-yr C	5-yr C	100-yr C	2-yr cfs	5-yr cfs	100-yr cfs
1	2.3	15	0.50	0.54	0.78	4.3	5.6	12.7
2	5.7	15	0.50	0.54	0.78	10.9	14.1	32.0
3	2.5	15	0.50	0.54	0.78	4.8	6.1	13.9
4	2.3	15	0.50	0.54	0.78	4.3	5.6	12.7
5	1.6	15	0.50	0.54	0.78	3.1	4.0	9.0
6	1.1	15	0.50	0.54	0.78	2.1	2.7	6.1
7	4.8	15	0.50	0.54	0.78	9.2	11.8	26.9
8	2.9	15	0.50	0.54	0.78	5.6	7.2	16.1
9	1.1	15	0.50	0.54	0.78	2.1	2.7	6.1
10	1.1	15	0.50	0.54	0.78	2.2	2.8	6.4
11	2.8	15	0.50	0.54	0.78	5.3	6.9	15.6
12	1.1	15	0.50	0.54	0.78	2.1	2.7	6.1
13	0.6	15	0.50	0.54	0.78	1.1	1.5	3.3
14	0.9	15	0.50	0.54	0.78	1.7	2.2	5.0
15	1.9	15	0.50	0.54	0.78	3.7	4.7	10.7
16	0.6	15	0.50	0.54	0.78	1.2	1.5	3.4
17	1.1	15	0.50	0.54	0.78	2.1	2.7	6.1
18	0.5	15	0.50	0.54	0.78	0.9	1.2	2.7
19	2.5	15	0.50	0.54	0.78	4.7	6.1	13.9
20	3.0	15	0.50	0.54	0.78	5.8	7.5	17.0
21	2.9	15	0.50	0.54	0.78	5.5	7.1	16.1
22	1.5	15	0.50	0.54	0.78	2.8	3.6	8.2
23	2.0	15	0.50	0.54	0.78	3.9	5.0	11.3
24	2.1	15	0.50	0.54	0.78	3.9	5.1	11.5
25	1.2	15	0.50	0.54	0.78	2.2	2.8	6.4
26	0.3	15	0.50	0.54	0.78	0.5	0.6	1.4
27	0.3	15	0.50	0.54	0.78	0.5	0.6	1.4
28	0.4	15	0.50	0.54	0.78	0.7	0.9	2.0
29	0.4	15	0.50	0.54	0.78	0.6	0.8	1.9
30	0.3	12	0.50	0.54	0.78	2.4	3.0	6.8
31	1.5	15	0.50	0.54	0.78	10.3	13.2	29.9
32	2.4	15	0.50	0.54	0.78	4.5	5.8	13.2
33	1.1	15	0.50	0.54	0.78	2.1	2.7	6.1
34	1.1	15	0.50	0.54	0.78	2.4	3.0	6.8
35	0.4	15	0.50	0.54	0.78	0.9	1.1	2.5
36	0.3	15	0.50	0.54	0.78	0.6	0.7	1.7
37	12.0	15	0.50	0.54	0.78	23.0	29.5	67.2
38	1.5	15	0.50	0.54	0.78	2.8	3.6	8.2
39	1.9	15	0.50	0.54	0.78	3.6	4.7	10.6
40	1.4	15	0.50	0.54	0.78	2.7	3.5	8.0
41	1.2	15	0.50	0.54	0.78	2.2	2.8	6.4
42	4.2	15	0.50	0.54	0.78	8.1	10.4	23.7
43	3.7	15	0.50	0.54	0.78	7.1	9.1	20.6
44	0.2	15	0.50	0.54	0.78	0.4	0.5	1.1
45	1.0	15	0.50	0.54	0.78	2.0	2.6	5.9
46	0.9	15	0.50	0.54	0.78	1.7	2.2	5.0
47	0.2	15	0.50	0.54	0.78	0.4	0.5	1.1
48	0.2	15	0.50	0.54	0.78	0.4	0.5	1.1
49	0.2	15	0.50	0.54	0.78	0.4	0.5	1.1
50	0.2	15	0.50	0.54	0.78	0.4	0.5	1.1

MINIMUM BUILDING FLOOR ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES

LOT	BLOCK	ELEVATION CITY DATUM
1-17	H	180.0
3-4	I	187.0
46-54	I	175.0

REMARKS:
 1. Elevation of base of building of RBC north side of 21st St. N.
 Elev. = 173.23 City Datum

Off-site Drainage
 0.4 = 16.8 cfs
 0.2 = 16.2 cfs
 0.2 = 16.2 cfs
 0.2 = 16.2 cfs