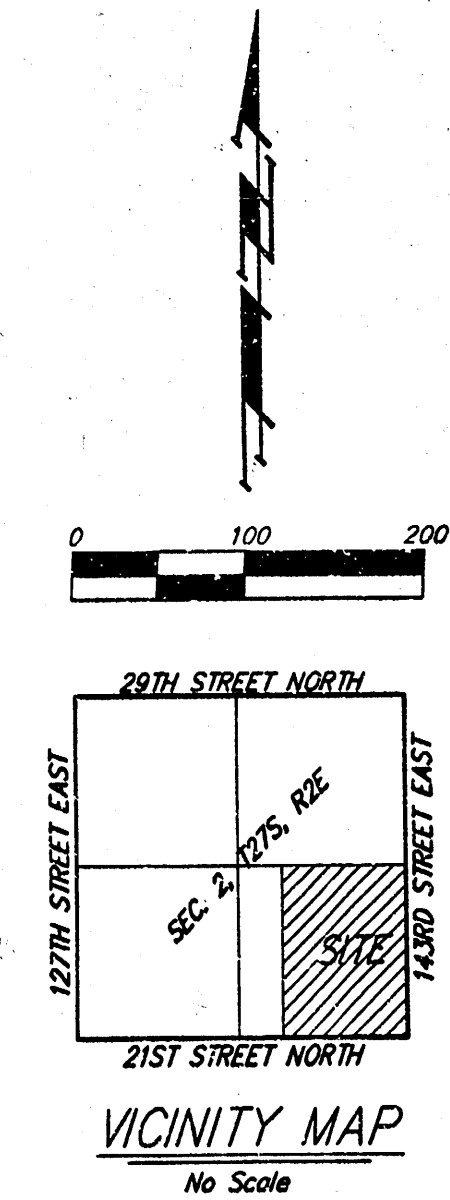
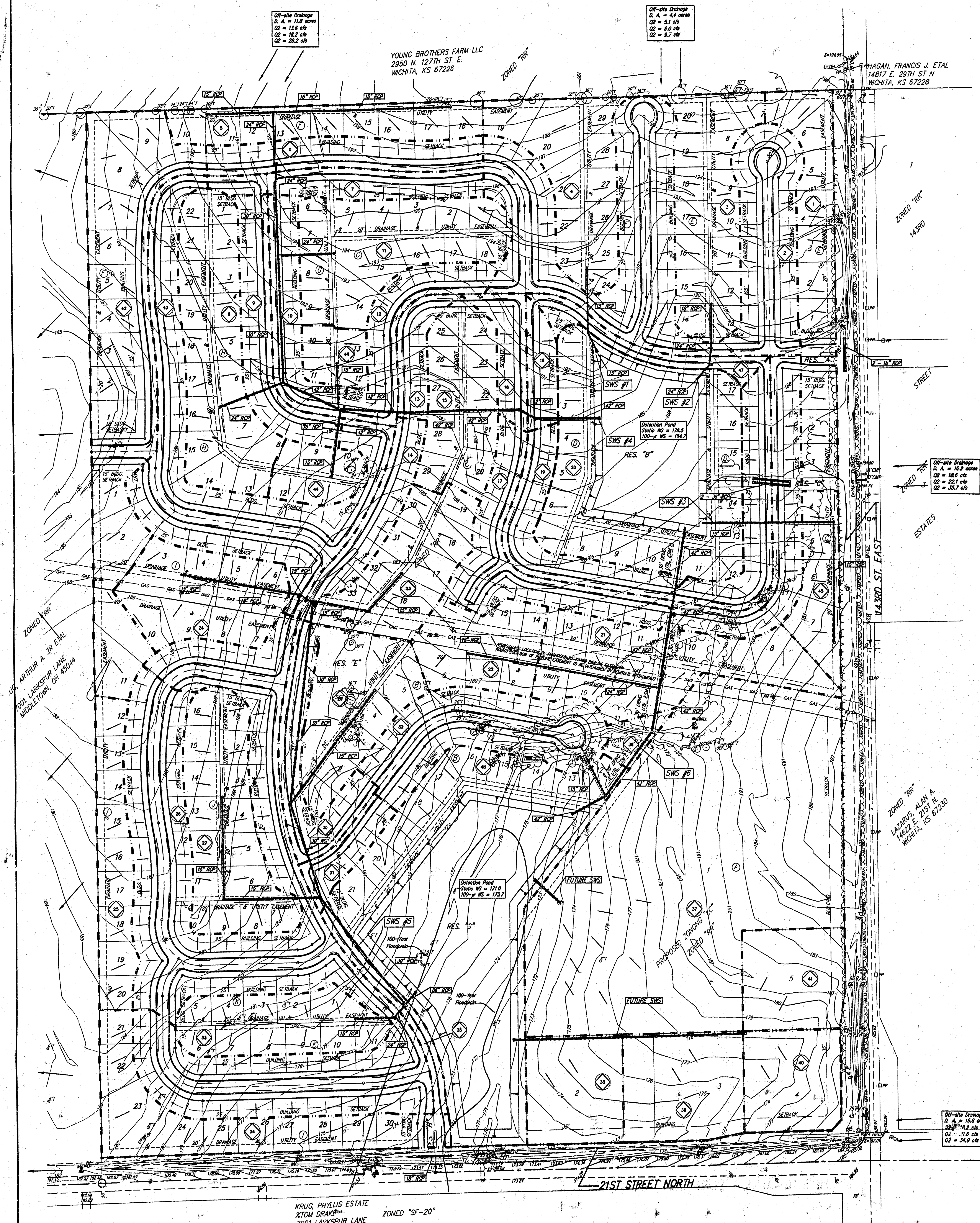


DRAINAGE PLAN KRUG NORTH ADDITION WICHITA, SEDGWICK COUNTY, KANSAS



LEGEND

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

KRUG NORTH ADDITION: STORMWATER FLOWS									
BASIN #	BASIN AREA ac	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	9.9	12.8	29.8	
8	2.9	15	0.50	0.54	0.78	5.6	7.2	16.3	
9	1.1	15	0.50	0.54	0.78	2.1	2.8	6.3	
10	1.1	15	0.50	0.54	0.78	2.2	2.8	6.6	
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	2.8	6.3	
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	1.0	15	0.50	0.54	0.78	2.1	2.7	6.1	
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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
30	1.2	15	0.50	0.54	0.78	2.4	3.0	6.9	
31	0.5	15	0.50	0.54	0.78	1.0	1.3	2.9	
32	0.4	15	0.50	0.54	0.78	0.8	1.0	2.3	
33	1.8	15	0.50	0.54	0.78	3.4	4.4	9.9	
34	2.4	15	0.50	0.54	0.78	4.7	6.0	13.7	
35	0.4	15	0.50	0.54	0.78	0.8	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	

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