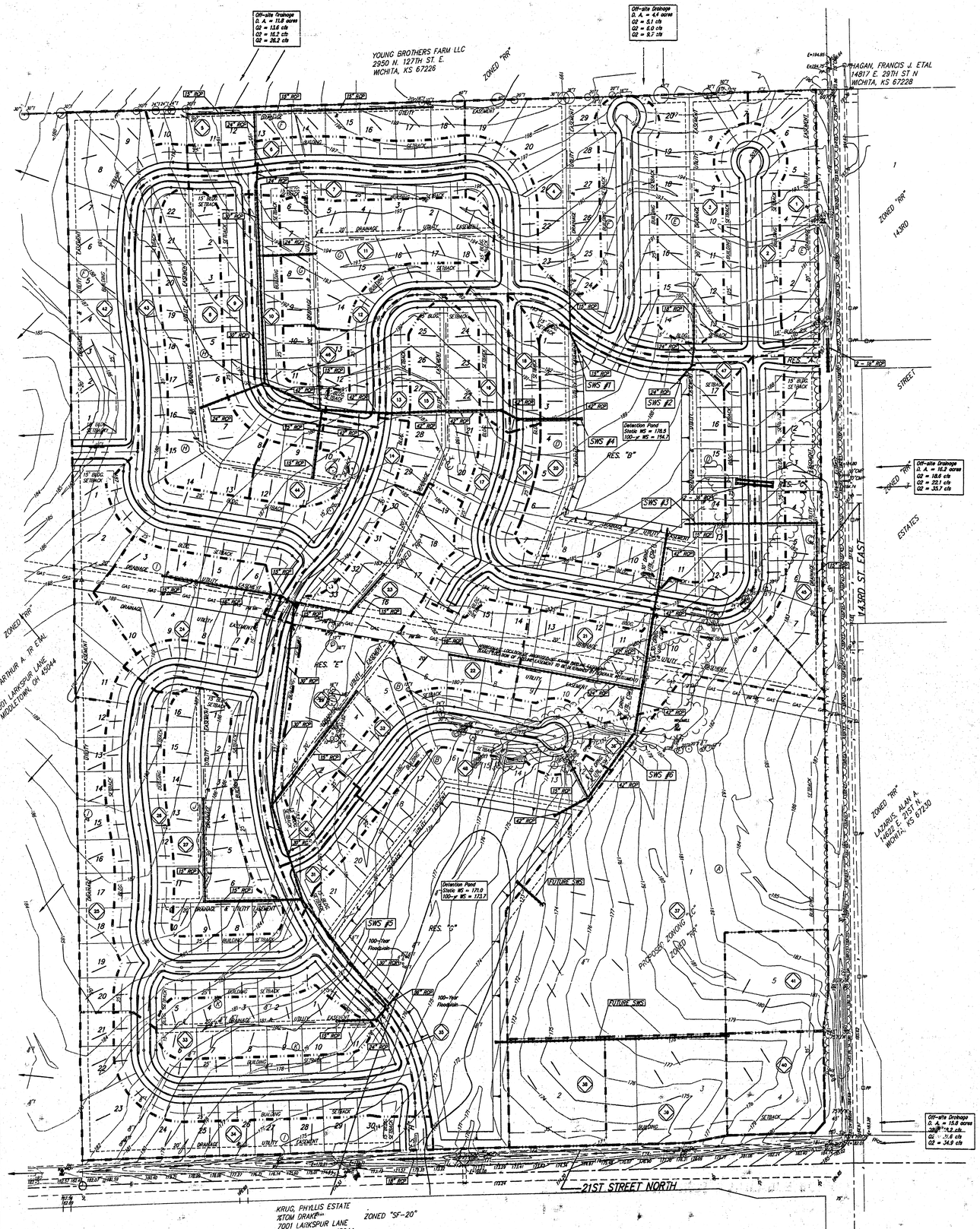
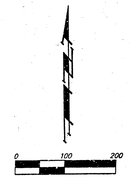
DRAINAGE PLAN
KRUG NORTH ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS





VICINITY MAP
No Scale

LEGEND

- = Basin Delineator
- = Basin Identifier
- = General Flow Direction
- = Catch Basin
- = Drop Inlet
- = Storm Water Sewer

KRUGE NORTH ADDITION: STORMWATER FLOWS

BASIN ID #	BASIN AREA (acres)	Time of Concentration (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	0.76	4.3	5.6	12.7
2	5.7	15	0.50	0.54	0.76	10.9	14.1	32.0
3	2.5	15	0.50	0.54	0.76	4.8	6.1	13.9
4	2.3	15	0.50	0.54	0.76	4.3	5.6	12.6
5	1.6	15	0.50	0.54	0.76	3.1	4.0	9.0
6	1.1	15	0.50	0.54	0.76	2.1	2.7	6.1
7	4.8	15	0.50	0.54	0.76	9.2	11.8	26.9
8	2.9	15	0.50	0.54	0.76	5.6	7.2	16.3
9	1.1	15	0.50	0.54	0.76	2.1	2.8	6.3
10	1.1	15	0.50	0.54	0.76	2.2	2.8	6.4
11	2.8	15	0.50	0.54	0.76	5.3	6.9	15.6
12	1.1	15	0.50	0.54	0.76	2.1	2.8	6.3
13	0.6	15	0.50	0.54	0.76	1.1	1.5	3.3
14	0.9	15	0.50	0.54	0.76	1.7	2.2	5.0
15	1.9	15	0.50	0.54	0.76	3.7	4.7	10.7
16	0.6	15	0.50	0.54	0.76	1.2	1.5	3.4
17	3.4	15	0.50	0.54	0.76	6.5	8.4	19.0
18	0.5	15	0.50	0.54	0.76	0.9	1.2	2.7
19	2.5	15	0.50	0.54	0.76	4.7	6.1	13.9
20	3.0	15	0.50	0.54	0.76	5.8	7.5	17.0
21	2.9	15	0.50	0.54	0.76	5.5	7.1	16.1
22	1.5	15	0.50	0.54	0.76	2.8	3.6	8.2
23	2.0	15	0.50	0.54	0.76	3.9	5.0	11.3
24	2.1	15	0.50	0.54	0.76	3.9	5.1	11.5
25	1.5	15	0.50	0.54	0.76	2.9	3.7	8.4
26	9.3	15	0.50	0.54	0.76	17.a	22.9	52.1
27	2.4	15	0.50	0.54	0.76	4.7	6.0	13.7
28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	2.1	15	0.50	0.54	0.76	4.0	5.2	11.8
30	1.2	15	0.50	0.54	0.76	2.4	3.0	6.9
31	0.5	15	0.50	0.54	0.76	1.0	1.3	2.9
32	2.4	15	0.50	0.54	0.76	4.5	5.8	13.2
33	1.8	15	0.50	0.54	0.76	3.4	4.4	9.9
34	2.4	15	0.50	0.54	0.76	4.7	6.0	13.7
35	0.4	15	0.50	0.54	0.76	0.9	1.1	2.5
36	0.3	15	0.50	0.54	0.76	0.6	0.7	1.7
37	12.0	15	0.50	0.54	0.76	23.0	29.5	67.2
38	1.5	15	0.50	0.54	0.76	2.9	3.7	8.5
39	1.9	15	0.50	0.54	0.76	3.6	4.7	10.6
40	1.4	15	0.50	0.54	0.76	2.7	3.5	8.0
41	1.5	15	0.50	0.54	0.76	2.9	3.7	8.4
42	4.2	15	0.50	0.54	0.76	8.1	10.4	23.7
43	3.7	15	0.50	0.54	0.76	7.1	9.1	20.6
44	0.7	15	0.50	0.54	0.76	1.4	1.8	4.0
45	1.0	15	0.50	0.54	0.76	2.0	2.6	5.8
46	0.5	15	0.50	0.54	0.76	1.1	1.4	3.1
47	0.5	15	0.50	0.54	0.76	0.9	1.2	2.7
48	8.2	15	0.50	0.54	0.76	15.7	20.2	46.0

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES

LOT	BLOCK	ELEVATION
		CITY DATUM
1-17	H	*186.0
3-4	I	187.0
46-54	I	175.0

BENCHMARK:
"X" cut top of headwall of RCBC north side of 21st St. N
Elev. = 173.23 City Datum