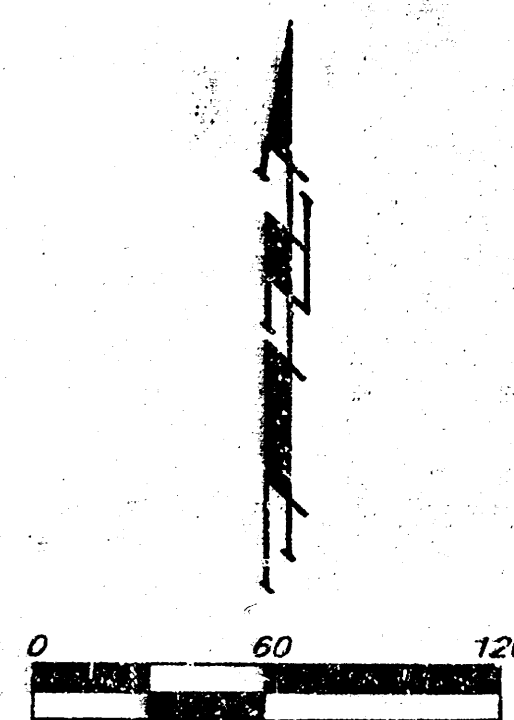


DRAINAGE PLAN RIDGE PORT 4TH ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

BENCHMARK:
CITY DISC - SW COR. RIDGE RD. & 29TH ST. NO.
80.0' S. & 63.7' W. OF E. BIRTH
ELEV. = 139.15 CITY DATUM (1326.55 M.S.L.)

CITY DISC - SW HUB QUARD UN R.C.B.C.
1/2 MI. N. OF 29TH ST. NO. & RIDGE RD.
ELEV. = 144.22 CITY DATUM (1331.62 M.S.L.)



MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES		
BLOCK	LOT(S)	ELEVATION (PER CITY DATUM)
3	1-14	139.6

Drainage Area	Area (acres)	C _s	C _{so}	T _c (min.)	I _s (in/hr)	I _{so} (in/hr)	Q _s (cfs)	Q _{so} (cfs)
1	0.9	0.54	0.54	15	3.83	7.37	1.9	3.6
2	1.0	0.54	0.54	15	3.83	7.37	2.1	4.0
3	1.2	0.50	0.50	15	3.83	7.37	2.5	4.4
4	0.7	0.50	0.50	15	3.83	7.37	1.3	2.6
5	0.5	0.50	0.50	15	3.83	7.37	1.0	1.8
6	1.3	0.54	0.54	15	3.83	7.37	2.7	5.2
7	2.2	0.54	0.54	15	3.83	7.37	4.6	8.8

POND DATA:
STATIC WATER SURFACE ELEV. = 1322 msl
100-yr WATER SURFACE ELEV. = 134.6 City Datum
100-yr WATER SURFACE ELEV. = 1326 msl
BOTTOM ELEVATION = 1312 msl
= 124.6 City Datum

