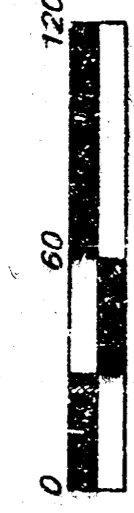


DRAINAGE PLAN RIDGE PORT 4TH ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

BENCHMARK:
CITY B.S. - SW COR. RIDGE RD. & 29TH ST. W.L.
ELEV. = 1326.00
CITY B.S. - 1326.00 CITY DATUM (1326.55 M.S.L.)
ELEV. = 1326.55
CITY B.S. - SW COR. QUAD 10, P. 6, S.C.
1/2 W. 1/2 OF 29TH ST. W.L. & RIDGE RD.
ELEV. = 1442.22 CITY DATUM (1321.62 M.S.L.)

BLK.	LOT(S)	ELEVATION (PER CITY DATUM)
3	1-14	139.6



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

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

