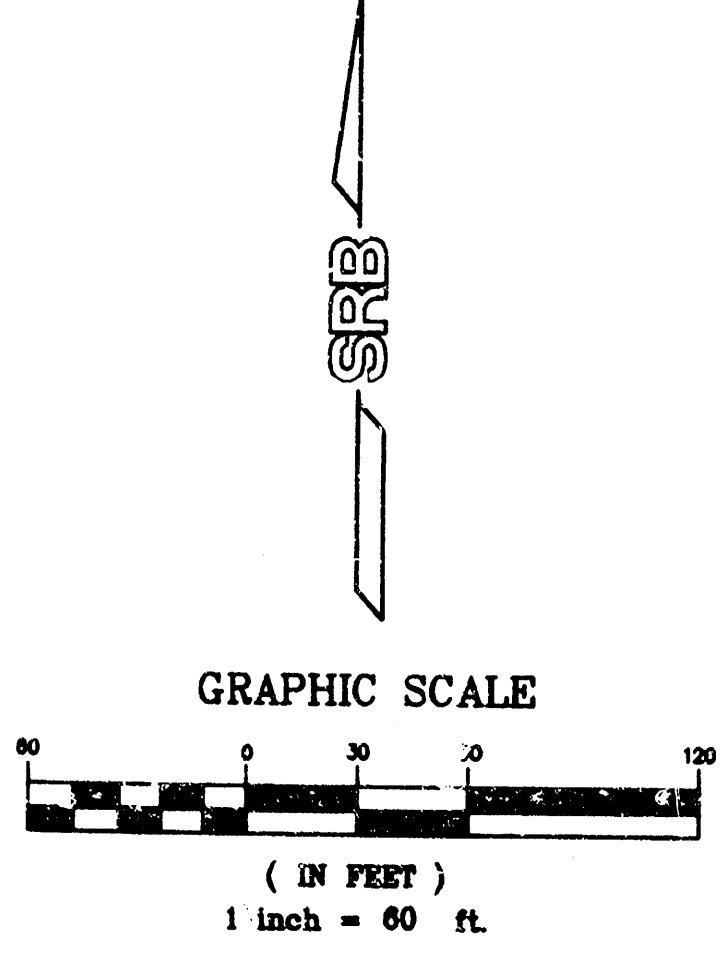
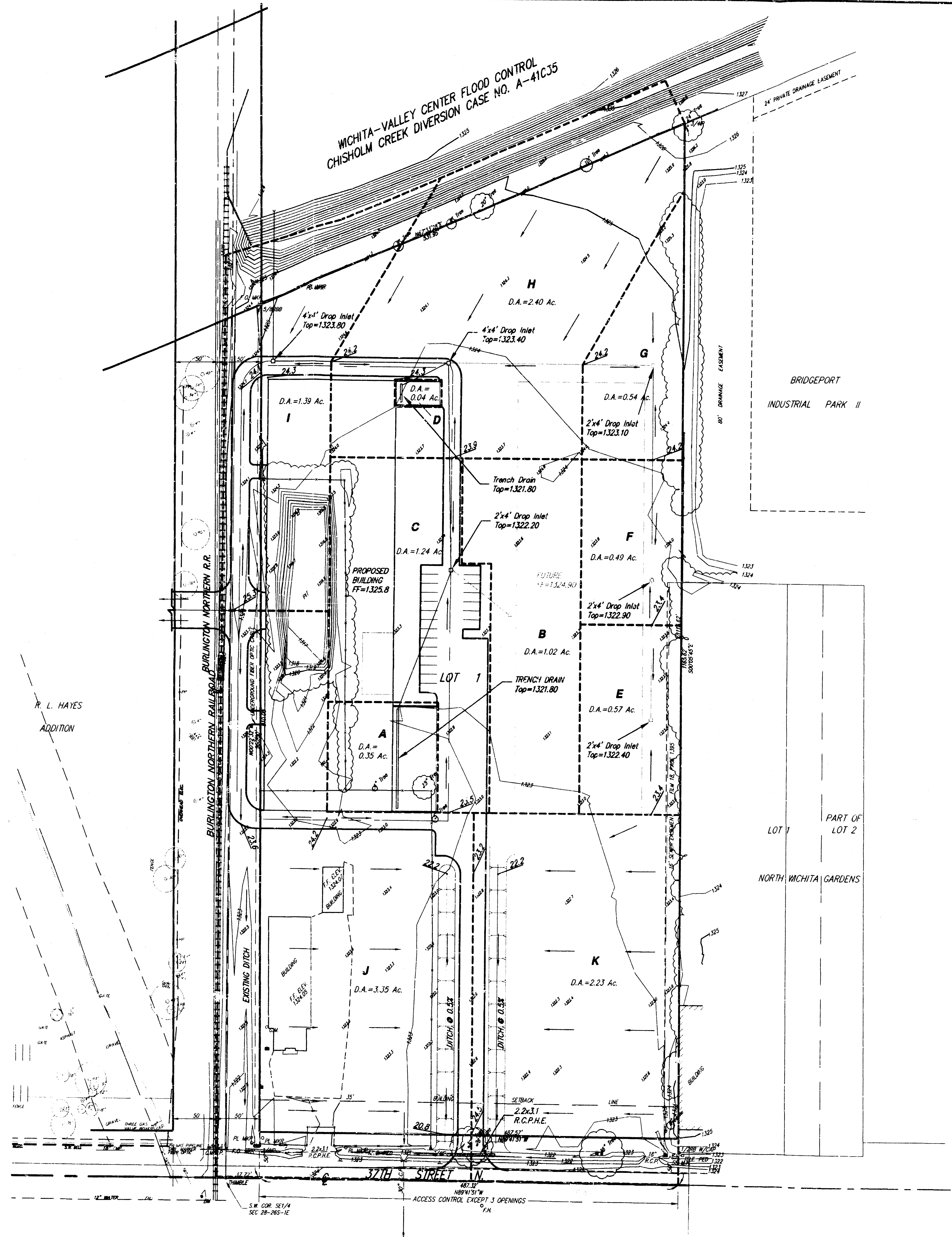


DRAINAGE PLAN

R. L. HAYES 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



BENCH MARK:
City of Wichita Bench Mark. Conc. base for Railroad Signal, south side 37th St. N. 19.6' south of ctr line 37th St. and 13.6' west of west rail of R.R. Elev.=1324.16 (NGVD)

NOTE:
Costal Refining Pipelines are abandoned. Costal Pipeline Easement released on Film 1767 at page 530.

DRAINAGE DATA											
	Area	Cum. Area	Cum. Tc	Soil Type "D"	C5	C100	IS	I100	Q5	Q100	Pipe Size and Slope
A	0.35	0.35	15	0.69	0.80	4.56	7.37	1.1	2.1	15" at 0.38%	Trench
B	1.02	1.02	15	0.69	0.80	4.56	7.37	3.2	6.0	18" at 0.30%	2"x4" D.I.
C	1.24	1.24	15	0.69	0.80	4.56	7.37	3.9	7.3	24" at 0.20%	2"x4" D.I.
D	0.04	0.04	15	0.69	0.80	4.56	7.37	0.1	0.2	8" at 0.38%	Trench
E	0.57	0.57	15	0.69	0.80	4.56	7.37	1.8	3.4	15" at 0.38%	2"x4" D.I.
F	0.49	0.49	15	0.69	0.80	4.56	7.37	1.5	2.9	18" at 0.30%	2"x4" D.I.
G	0.54	0.54	15	0.69	0.80	4.56	7.37	5.0	9.4	24" at 0.20%	4"x4" D.I.
H	2.44	2.44	15	0.69	0.80	4.56	7.37	7.7	14.4	30" at 0.15%	4"x4" D.I.
I	1.39	1.39	15	0.69	0.80	4.56	7.37	4.4	8.2	36" at 0.12%	V-Ditch
J	3.35	3.35	15	0.69	0.80	4.56	7.37	10.5	19.8	V-Ditch	
K	2.23	2.23	15	0.69	0.80	4.56	7.37	7.0	13.1	V-Ditch	

Note: Basins J & K drain into V-ditches located on either side of the entrance from 37th St. N. to the 37th St. N. R.O.W.