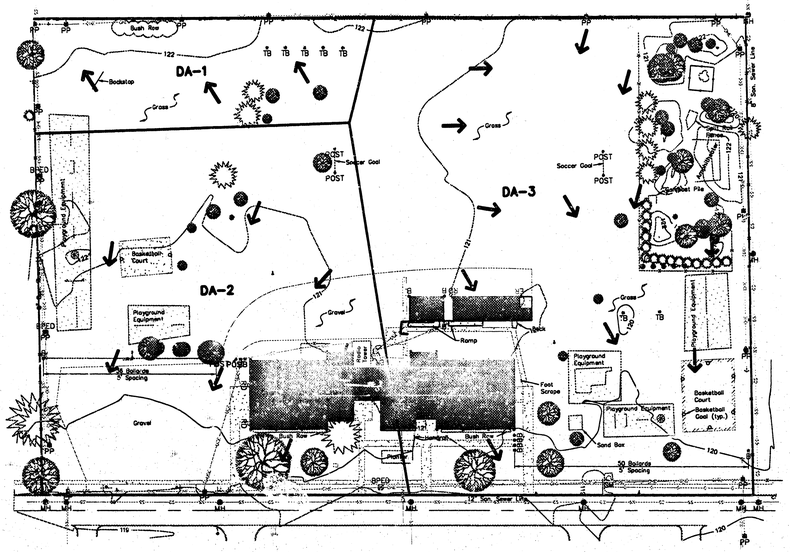
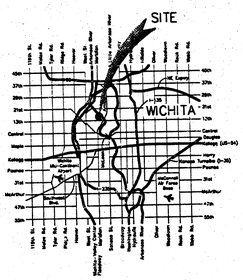
EMERSON ELEMENTARY DRAINAGE PLAN
WICHITA, KANSAS



SCALE
50 0 50 100

LEGEND

- BPED = Bell Pedestal
- = Bollard
- = Cedar
- = Concrete
- 1298 = Contour Elevation
- = Fire Hydrant
- ER = Electric Riser
- = Fence
- GAS = Gas
- GM = Gas Meter
- = Guy Anchor
- HYD = Hydrant
- = Light Pole
- MH = Manhole
- = Overhead Electric
- POST = Post
- PP = Power Pole
- SS = Sanitary Sewer
- = Sign
- = Tree
- CTV = Underground Cable T.V.
- UE = Underground Electric
- UT = Underground Telephone
- W = Water
- WM = Water Meter



VICINITY MAP

				Undeveloped		Developed	
Area #	Area (ac)	t_c	I_{100}	C_f 100	Q_{100} (cfs)	C_f 100	Q_{100} (cfs)
1	0.85	4.56	7.37	2.0	4.1	2.0	4.1
2	3.01	4.56	7.37	7.0	14.6	7.0	14.6
3	4.28	4.56	7.37	10.0	20.8	10.0	20.8
TOTAL	8.14			19.0	39.5	19.0	39.5

NOTES:

1. Determination of Q's was made using the rational method.
2. c's used were as follows:

	Undeveloped	Developed
5yr frequency	.51	.51
100 yr frequency	.66	.66

BENCHMARK

"□" cut on top NE cor. of inlet East side of Rock Rd. 80'± North of Central Ave. Elev. 1185.50 (City Datum)

FILENAME: 0301J-plot

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