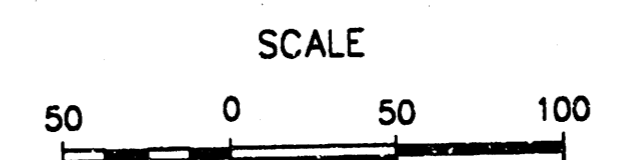
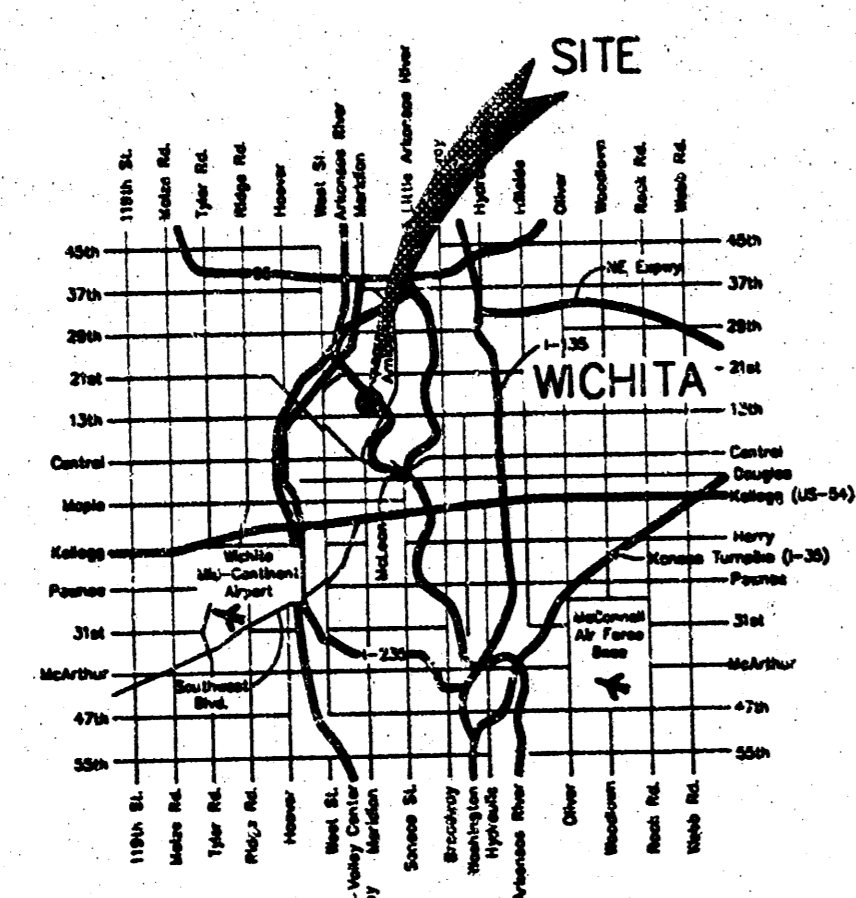
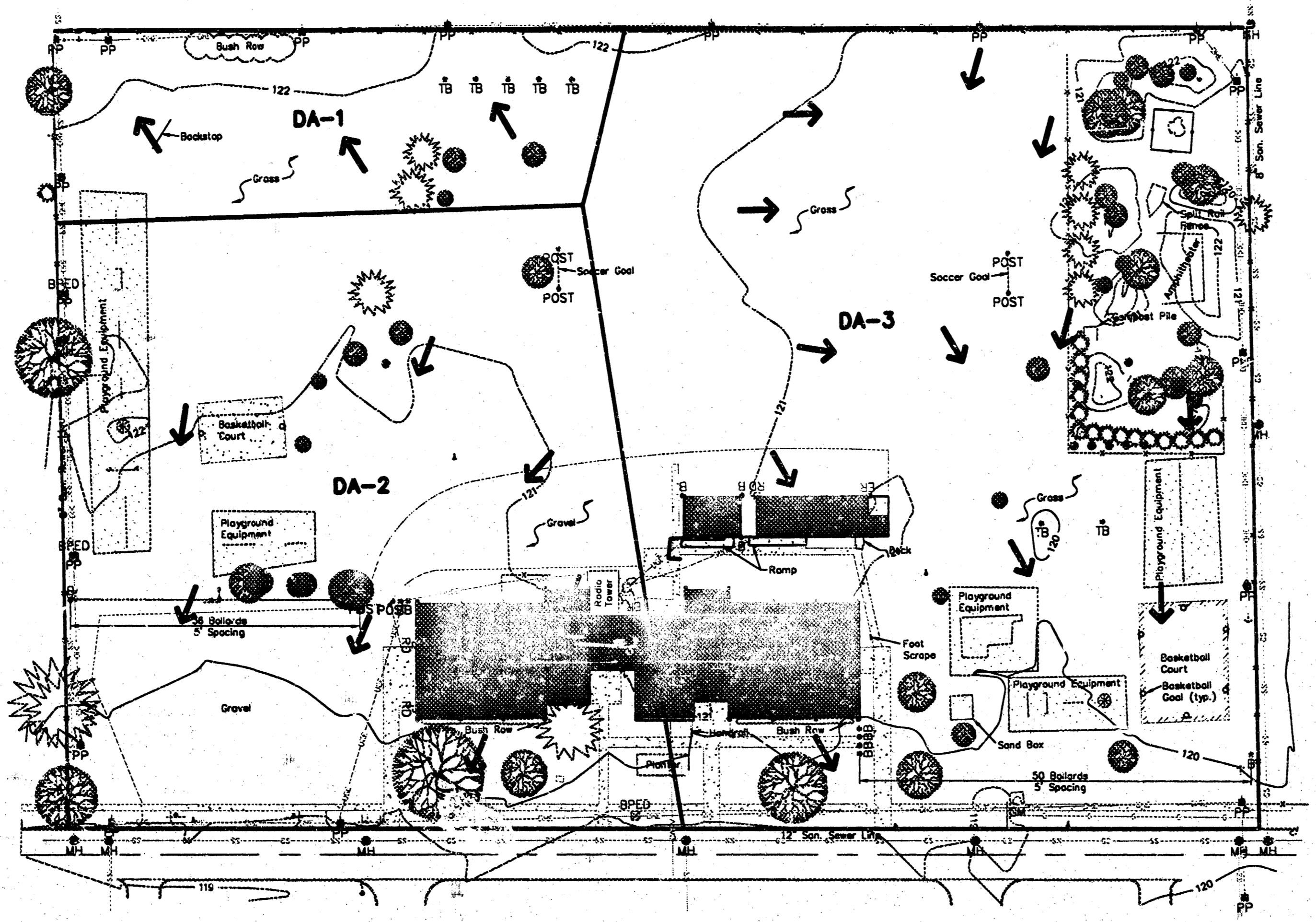


EMERSON ELEMENTARY DRAINAGE PLAN WICHITA, KANSAS



LEGEND

- = Bell Pedestal
- = Ballard
- = Cedar
- = Concrete
- = Contour Elevation
- = Fire Hydrant
- = Electric Riser
- = Fence
- = Gas
- = Gas Meter
- = Guy Anchor
- = Hydrant
- = Light Pole
- = Manhole
- = Overhead Electric
- = Post
- = Power Pole
- = Sanitary Sewer
- = Sign
- = Tree
- = Underground Cable T.V.
- = Underground Electric
- = Underground Telephone
- = Water
- = Water Meter



VICINITY MAP

Area #	Area Size	S	I _{max}	Undeveloped		Developed	
				Q ₁ (cfs)	Q ₂ (cfs)	Q ₁ (cfs)	Q ₂ (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. Q's used were as follows:

S _p Frequency	Undeveloped	Developed
100 yr frequency	.51	.51
100 yr frequency	.66	.66

BENCHMARK
 "1" set on top NE cor. of
 inlet East side of Rock Rd.
 80'± North of Central Ave.
 Elev. 166.50 (City Datum)

FD/DA/AC 03/13/2007

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