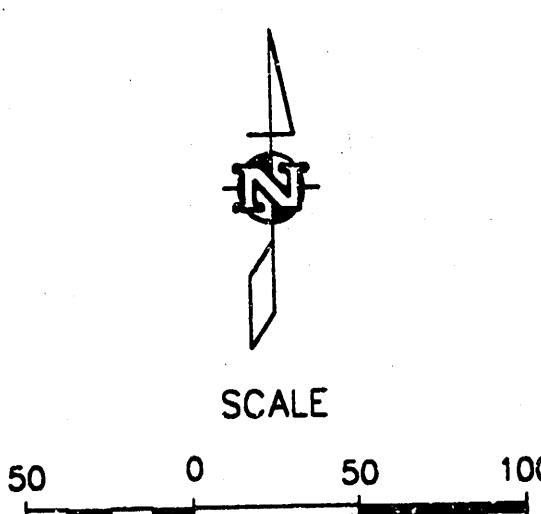
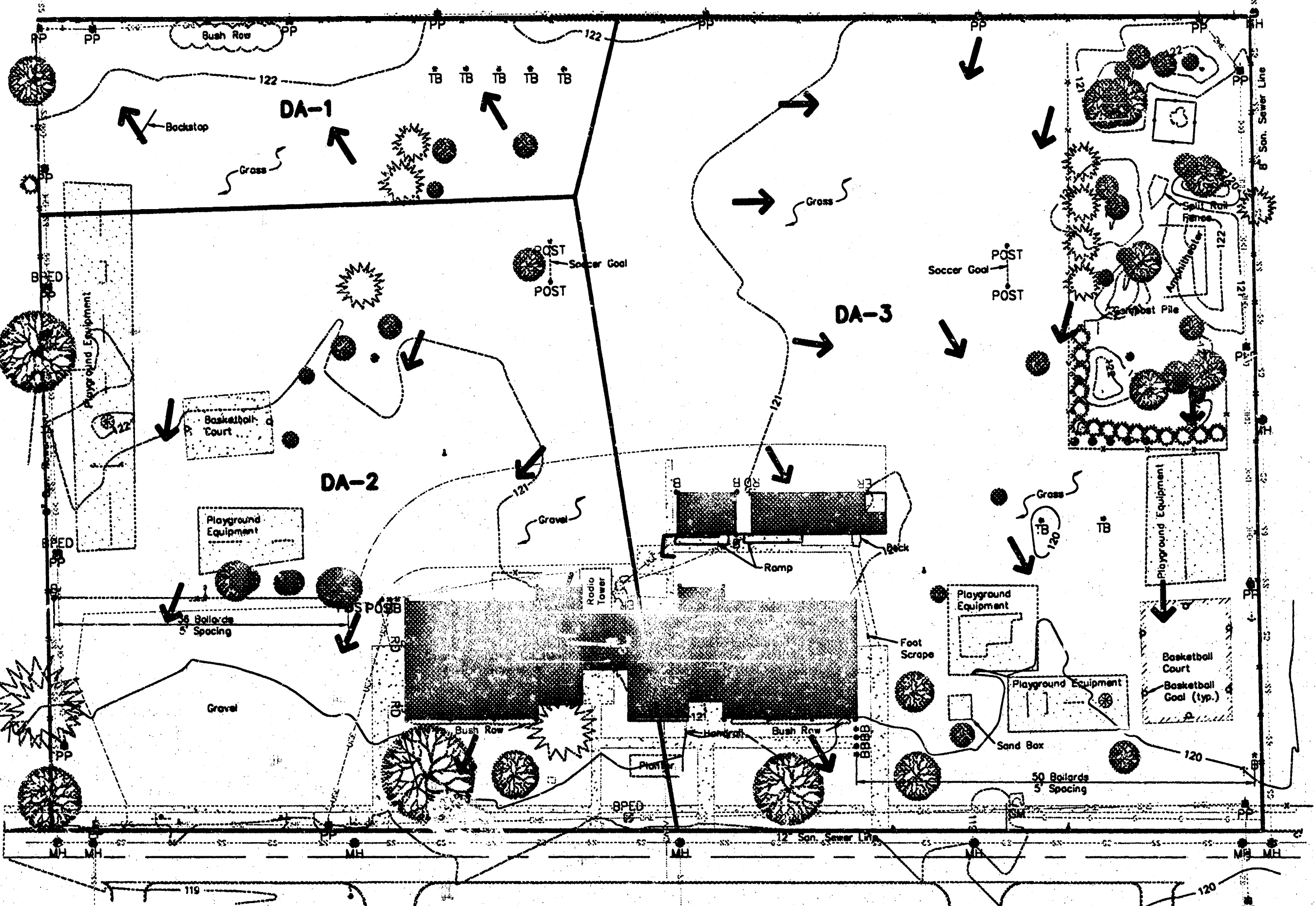
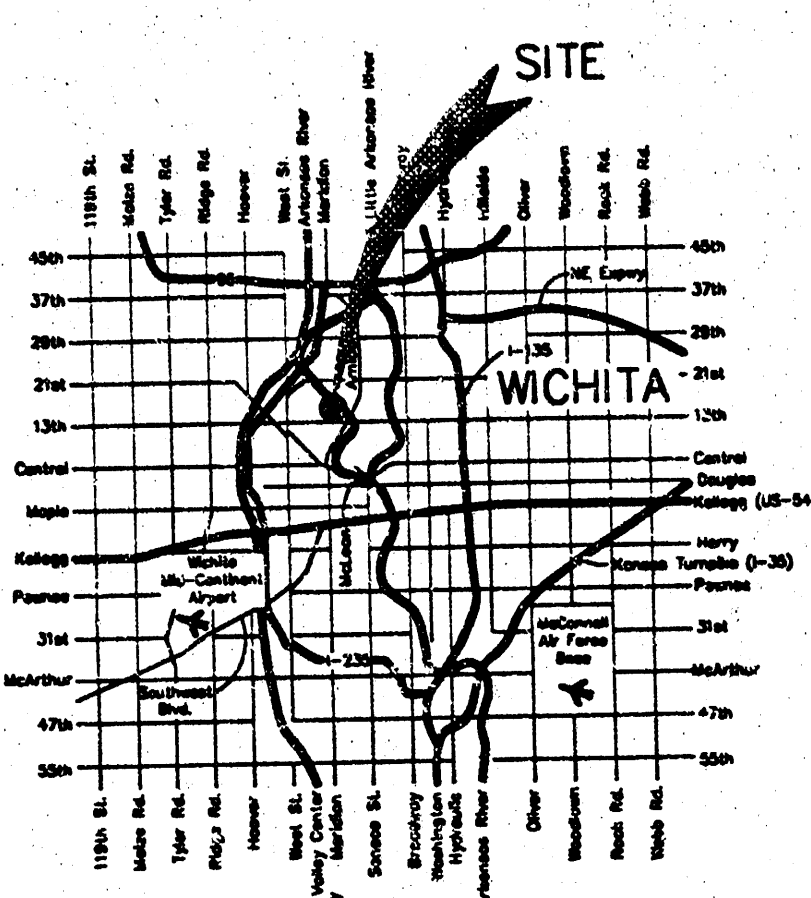


EMERSON ELEMENTARY DRAINAGE PLAN WICHITA, KANSAS



LEGEND

- BPED = Bell Pedestal
- B = Ballast
- ☼ = Cedar
- = Concrete
- ~ = Contour Elevation
- ⊙ = Fire Hydrant
- ER = Electric Riser
- = Fence
- GAS — = Gas
- GM = Gas Meter
- GA = Guy Anchor
- HYD = Hydrant
- LP = Light Pole
- MH = Manhole
- OE = Overhead Electric
- POST = Post
- PP = Power Pole
- SS = Sanitary Sewer
- S = Sign
- ☼ = Tree
- = Underground Cable T.V.
- = Underground Electric
- = Underground Telephone
- W = Water
- WM = Water Meter



VICINITY MAP

Area #	Area Sq. Ft.	S	I _{max}	Undeveloped				Developed			
				C ₁ in.	C ₂ in.	C ₃ in.	C ₄ in.	C ₁ in.	C ₂ in.	C ₃ in.	C ₄ in.
1	0.85	4.56	7.37	2.0	4.1	2.0	4.1	2.0	4.1	2.0	4.1
2	3.01	4.56	7.37	7.0	14.6	7.0	14.6	7.0	14.6	7.0	14.6
3	4.28	4.56	7.37	10.0	20.8	10.0	20.8	10.0	20.8	10.0	20.8
TOTAL	8.14			19.0	39.5	19.0	39.5	19.0	39.5	19.0	39.5

NOTES:
1. Determination of C's was made using the rational method.
2. C's used were as follows:
Sp. Frequency Undeveloped Developed
100 yr 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. 166.50 (City Datum)

FILE NO. 20013-1001

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