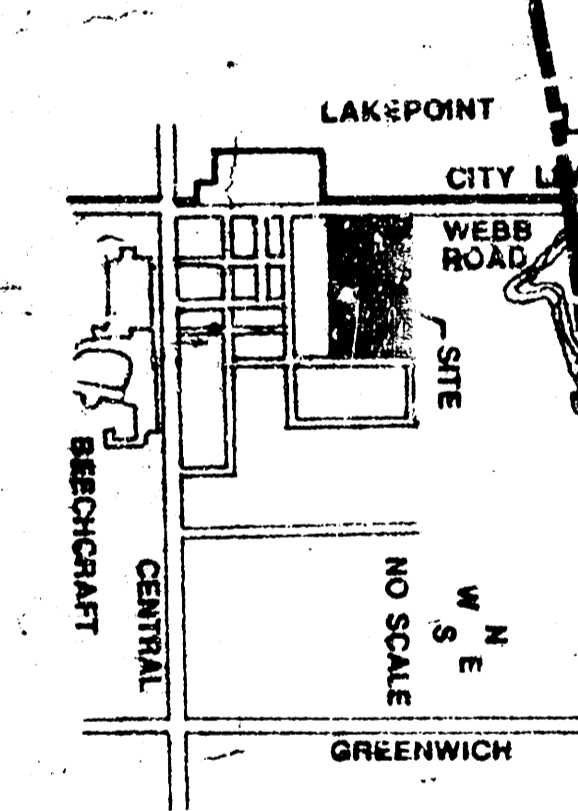


TOTAL ACRES = 24.3



SCALE 1"=80'
CONTOUR INTERVAL 3'

LEGEND
 DRAINAGE DIVIDE
 POT. SHT. SEWER
 (OR POTENTIAL)
 POT. SIGHT SEWER
 (PRIVATE)
 DRAINAGE ARROWS

DRAINAGE & UTILITY PLAN

EAST SIDE DEVELOPMENT

OWNER: BECH AIRCRAFT CORP. P.O. BOX 86 WICHITA, KS. 67201

Drainage Area	AREA ACRES	AREA ACUM.	C _s	C ₁₀₀	C ₂	C ₁₀	C ₅	C ₁	Q ₂	Q ₁₀₀	Q ₅	Q ₁	Pipe Size	Flow Inlets
AREA 'A' Temporary Detention (Driveway Area)	10.81 (78-20 18) (78-20 017)		0.35 (0.40-0.1)	0.66 (0.36-0.3)	37	22	2.88 (1.24-1.6)	6.26 (11.20-18.1)	10.90 (11.94)	43.99 (50.33)				
AREA 'B' Incremental Area (Parking, etc.)	22.33 (0-349)		0.62 (0.75-0.1)	0.74 (0.48-0.110.297)	24	18	3.65 (1.20-5.1)	6.84 (10.20-10.1)	90.53 (45.19)	113.03 (122.74)				
TOTAL AT EAST Proposed Lake (78-20 18) (0.0818)	33.14		0.53	0.71	34	24	2.81	6.01	49.88 (51.97)	141.41 (129.31)				Total Discharge - North Deto. Beach Lake Site (139.60) (139.60) (139.60)

NOTES
 PRELIMINARY TOPOGRAPHY PREPARED BY DOBLER SURVEYING AND ENGINEERING DEC. 1987
 DRAINAGE STUDY PREPARED BY WICK-KAY'S ENGINEERING CONSULTANTS P.A.
 BENCHMARK: