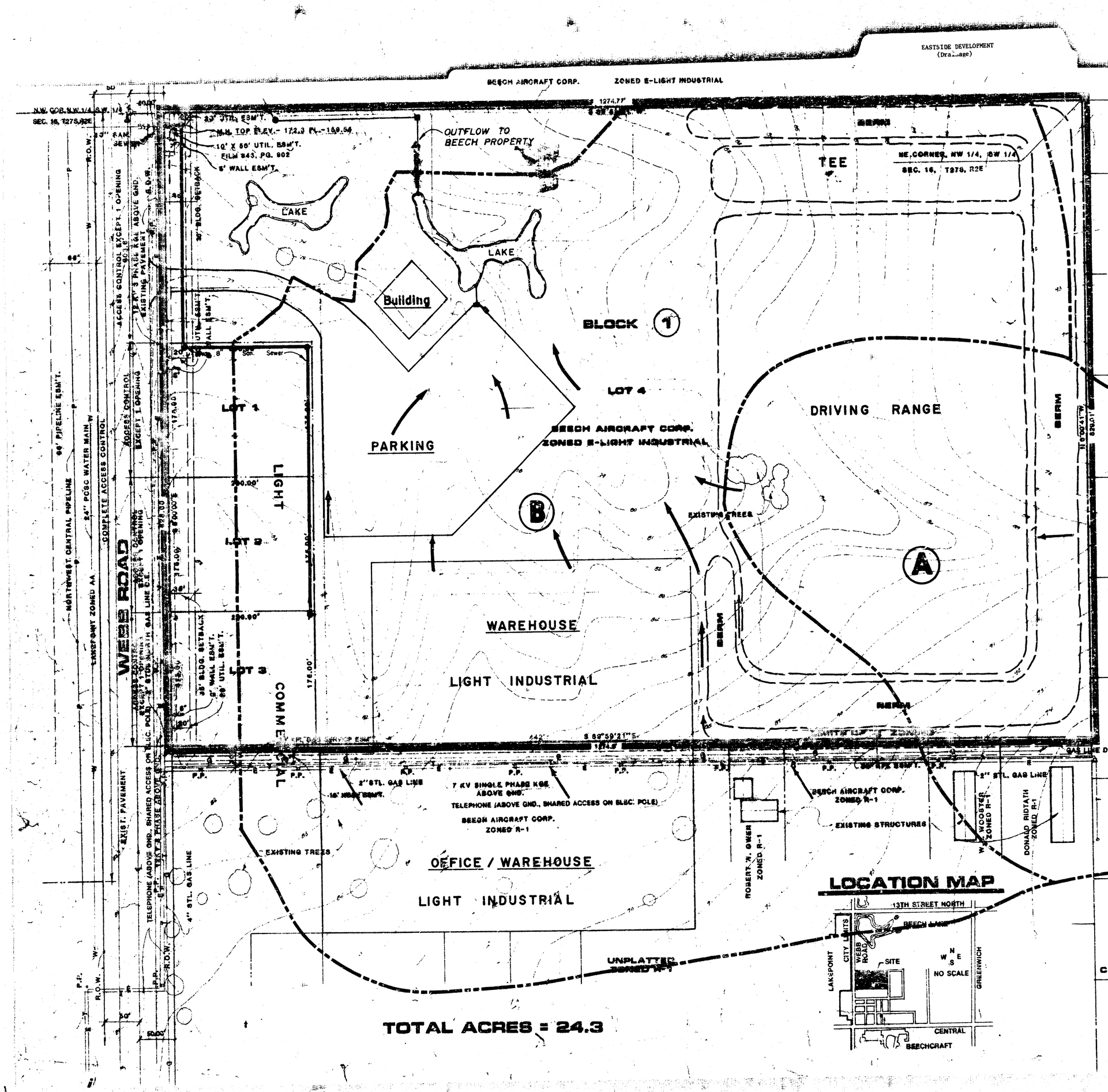

NOTES

PRELIMINARY TOPOGRAPHY PREPARED BY DOBLER SURVEYING AND ENGINEERING DEC. 1987

DRAINAGE STUDY PREPARED BY MID-KANSAS ENGINEERING CONSULTANTS P.A.

BENCHMARK:

Drainage Area	Area Acres	C_5	C_{100}	T_c	I_5	I_{100}	Q_5	Q_{100}	Flow Size	Flow Size Inches
Area "A" Detention (Driving Range) (TR-20 DA)	10.81 (0.0169)	0.35 (CN=62)	0.45 (CN=80)	27 22 (0.0463)	2.80 (Q5=2.74@3 Hr)	6.84 (Q100=6.80@3 Hr)	10.90 (11.34) (8.24) (Q5=10.34)	43.99 (50.33) (35.58) (Q100=35.58)		
Area "B" (Lake) Area (Parking, Etc.) (TR-20)	22.23 (0.0309)		0.62 (CN=75.5)	0.74 (CN=115.5)	24 18 (Q100=110.29)	3.45 (Q5=2.74@3 Hr)	6.84 (Q100=6.80@3 Hr)	90.53 (43.19)	113.03 (121.74)	
Area "C" (Lake) Area (Parking, Etc.) (TR-20 DA)	13.14 (0.0204)		0.53 (CN=80)	0.71 (CN=115.5)	34 24 (Q100=110.29)	2.81	6.61	49.88 (45.97) (39.80) (Q100=39.80)	141.43 (139.33) (143.36) (Q100=143.36)	Total Discharge Lines Back Beech Lake Line

DRAINAGE & UTILITY PLAN

EAST SIDE DEVELOPMENT

15 MIN. SP
3N3

OWNER: BEECH AIRCRAFT CORP. P.O. BOX 85 WICHITA, KS. 67201

LEGEND—

DRAINAGE DIVIDE
PROP. SAN. SEWER-8" (BY PETITION)
PROP. STORM SEWER (PRIVATE)
DRAINAGE ARROWS

BILL G. YUNG DESIGN
4012 E. 23TH STREET NORTH, WICHITA, KS 67220
316-682

date JAN. 22, 1990
rev.

sheet title PRELIMINARY PLAT

project EAST SIDE DEVELOPMENT

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