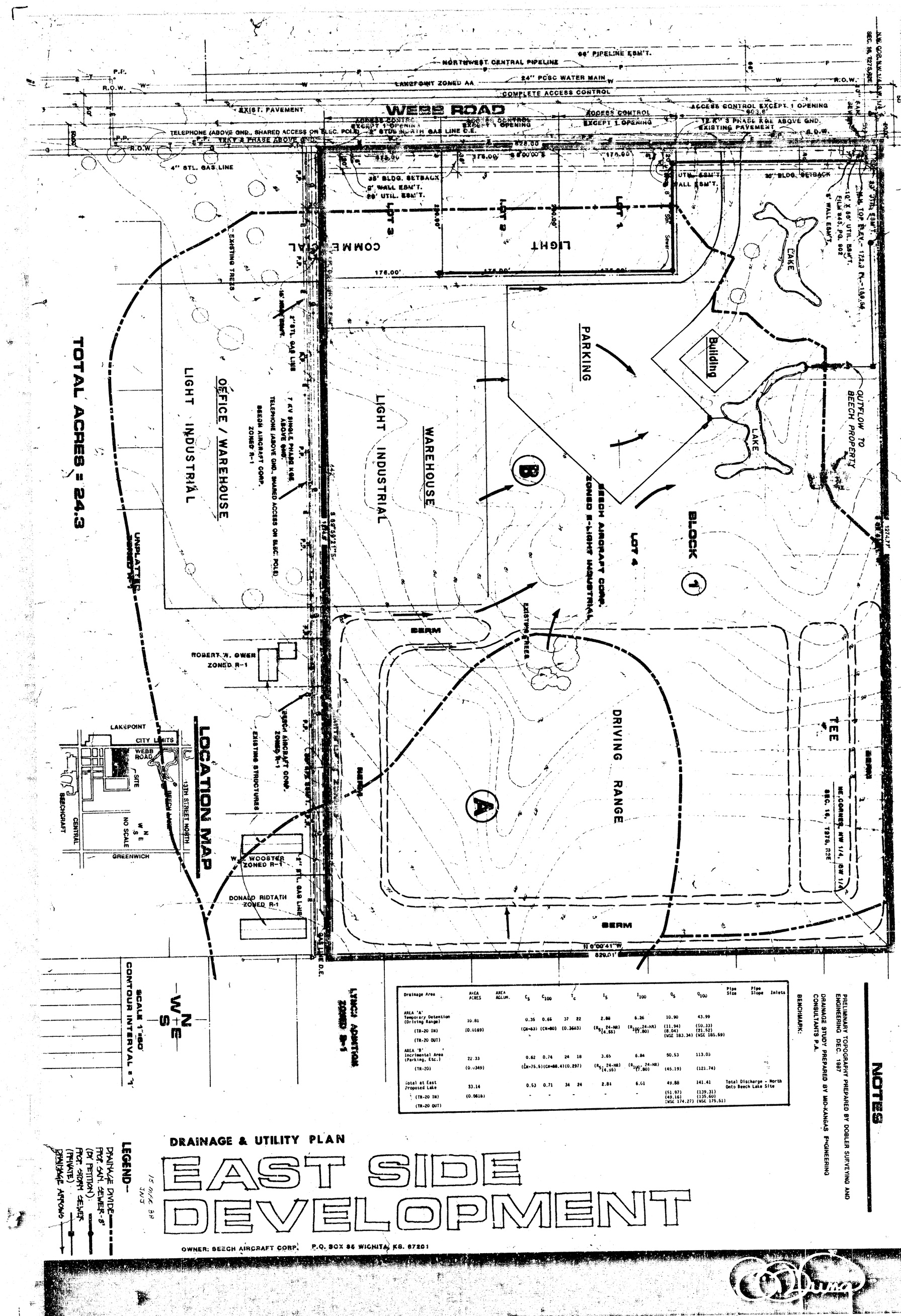


Drainage Area	AREA ACRES	AREA ACCUM.	C_5	C_{100}	T_c	I_5	I_{100}	Q_5	Q_{100}	Pipe Size	Pipe Slope	Inlets
AREA 'A' Temporary Detention (Driving Range)	10.81		0.35	0.65	37	2.88	6.26	10.90	43.99			
(TR-20 IN)	(0.0169)		(CN=63)	(CN=80)	(0.3683)	(R_5 24-HR) (4.85)	(R_{100} 24-HR) (7.80)	(11.94) (8.04) (WSE 183.34)	(50.33) (21.52) (WSE 185.59)			
(TR-20 OUT)												
AREA 'B' Incremental Area (Parking, Etc.)	22.33		0.62	0.74	24	18	3.65	6.84	50.53	113.03		
(TR-20)	(0.0349)		(CN=75.5)	(CN=88.4)	(0.297)		(R_5 24-HR) (4.55)	(R_{100} 24-HR) (7.80)	(45.19)	(121.74)		
Total at East Proposed Lake	33.14		0.53	0.71	34	24	2.84	6.01	49.88	141.41	Total Discharge - North Onto Beech Lake Site	
(TR-20 IN)	(0.0518)		-	-	-	-	-	(51.97) (49.16) (WSE 174.27)	(139.31) (135.60) (WSE 175.51)			
(TR-20 OUT)												

NOTES

PRELIMINARY TOPOGRAPHY PREPARED BY DOBLER SURVEYING AND ENGINEERING DEC. 1987

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

BENCHMARK:

EAST SIDE DEVELOPMENT

DRAINAGE & UTILITY PLAN

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

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4912 E. 29TH STREET NORTH, WICHITA, KS 67220 316-68

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