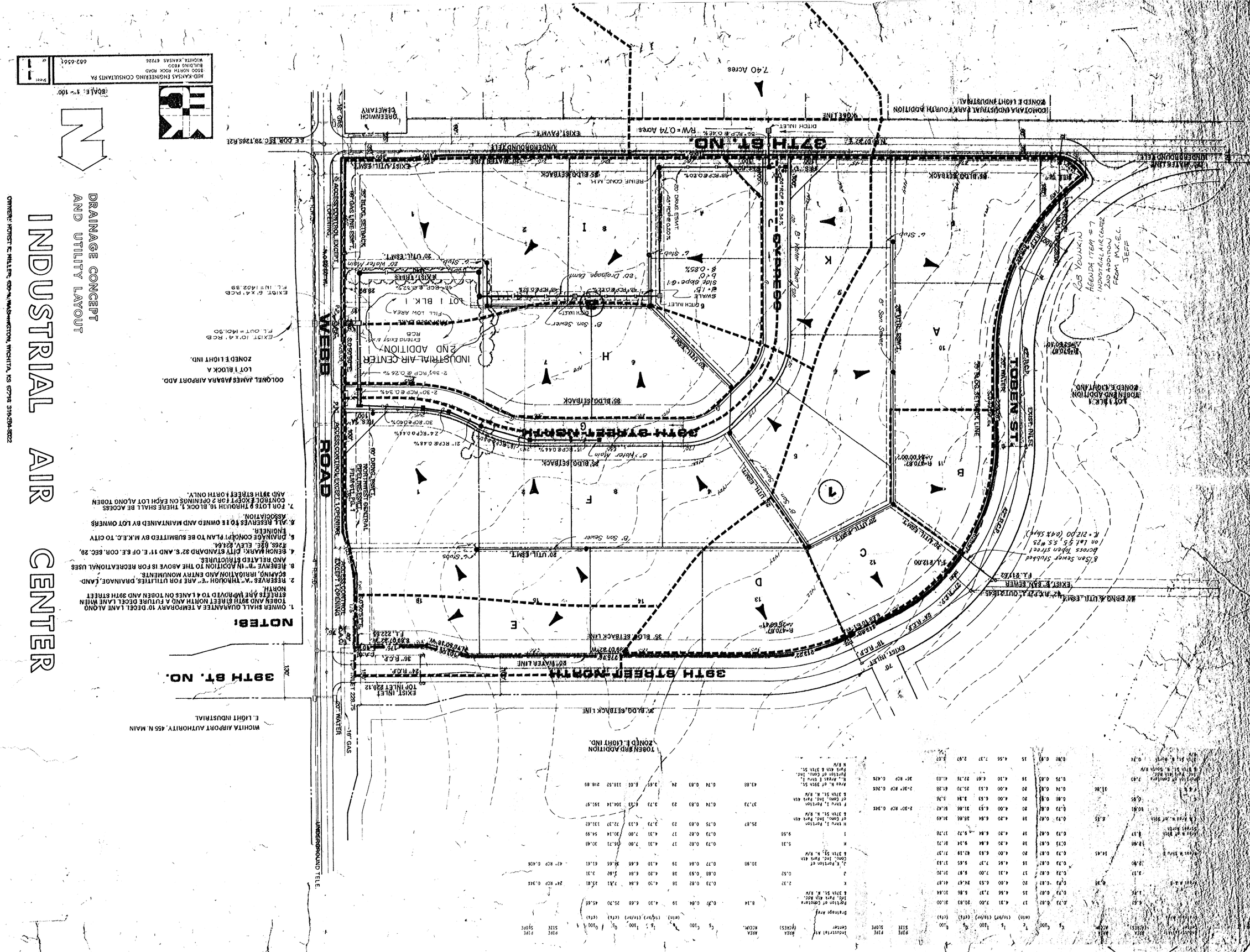
INDUSTRIAL AIR CENTER

DRAINAGE CONCEPT
AND UTILITY LAYOUT

OWNER: HOYST C. MILLER, 620 N. WASHINGTON, WICHITA, KS 67214 316-264-8022



NOTES:

1. OWNER SHALL GUARANTEE A TEMPORARY 10' DEEDEL LANE ALONG TOBEN AND 39TH STREET NORTH AND A FUTURE DECEL LANE WHEN STREETS ARE IMPROVED TO 4 LANES ON TOBEN AND 39TH STREET NORTH.
2. RESERVES "A" THROUGH "E" ARE FOR UTILITIES, DRAINAGE, LANDSCAPING, IRRIGATION AND ENTRY MONUMENTS.
3. RESERVE "B" IN ADDITION TO THE ABOVE IS FOR RECREATIONAL USES AND RELATED STRUCTURES.
4. BENCH MARK: CITY STANDARD 32'S. AND 11' E. OF S.E. COR. SEC. 29, T26S, R2E. ELEV. 1264.
5. DRAINAGE CONCEPT PLAN TO BE SUBMITTED BY M.K.E.C. TO CITY ENGINEER.
6. ALL RESERVES TO BE OWNED AND MAINTAINED BY LOT OWNERS ASSOCIATION.
7. FOR LOTS 9 THROUGH 16, BLOCK 1, THERE SHALL BE ACCESS CONTROL EXCEPT FOR 2 OPENINGS ON EACH LOT ALONG TOBEN AND 39TH STREET NORTH ONLY.

Industrial Air Center	Area (acres)	Area Accum. (acres)	t_c (min)	t_i (min/hr)	t_{100} (min/hr)	Q_c (cfs)	Q_{100} (cfs)	Pipe Size	Pipe Slope
Drainage Area									
Portion of Condoms Inc. Pars 4th Add. & 37th St. N. R/W	8.34	0.79	0.84	19	4.10	6.68	25.70	45.68	
K	2.32	0.62	0.73	18	4.30	6.84	7.91	15.81	24" RCP 0.34%
J	0.52	0.62	0.68	19	4.20	6.84	3.62	3.31	
J, K Portion of Condo. Inc. Pars 4th & 37th St. N. R/W	10.98	0.77	0.84	19	4.10	6.68	31.66	61.61	42" RCP 0.40%
H	5.31		0.73	0.82	17	4.31	7.00	16.71	30.46
I	9.58		0.73	0.82	17	4.31	7.00	30.14	54.99
H Lots 1, Portion of Condo. Inc. Pars 4th & 37th St. N. R/W	25.87	0.75	0.83	23	3.73	6.13	72.37	131.62	
F Lots 1, Portion of Condo. Inc. Pars 4th & 37th St. N. R/W	37.73	0.74	0.83	23	3.73	6.13	104.14	191.97	
Area N. of 39th St. N. Acres 1 Lots 1, Portion of Condo. Inc. Pars 4th & 37th St. N. R/W	43.88	0.74	0.83	24	3.65	6.01	118.52	216.89	
TOBEN 3RD ADDITION ZONED E. LIGHT IND.									
36" BLDG. SETBACK LINE									
EXIST. INLET TOP INLET 229.12									
39TH STREET NORTH									
70'									
EXIST. INLET									
36" BLDG. SETBACK LINE									
20' WATER LINE									
10' R.C.P.									
24" R.C.P.									
36" R.C.P.									
130'									
39TH ST. NO.									
20' WATER									
16" GAS									
20' UTIL. EASMT.									
6' San. Sewer Stubbed Across Toben Street on Lot 55, 55 #25 R = 212.00 (0.4% Slope)									
20' UTIL. EASMT.									
6' San. Sewer