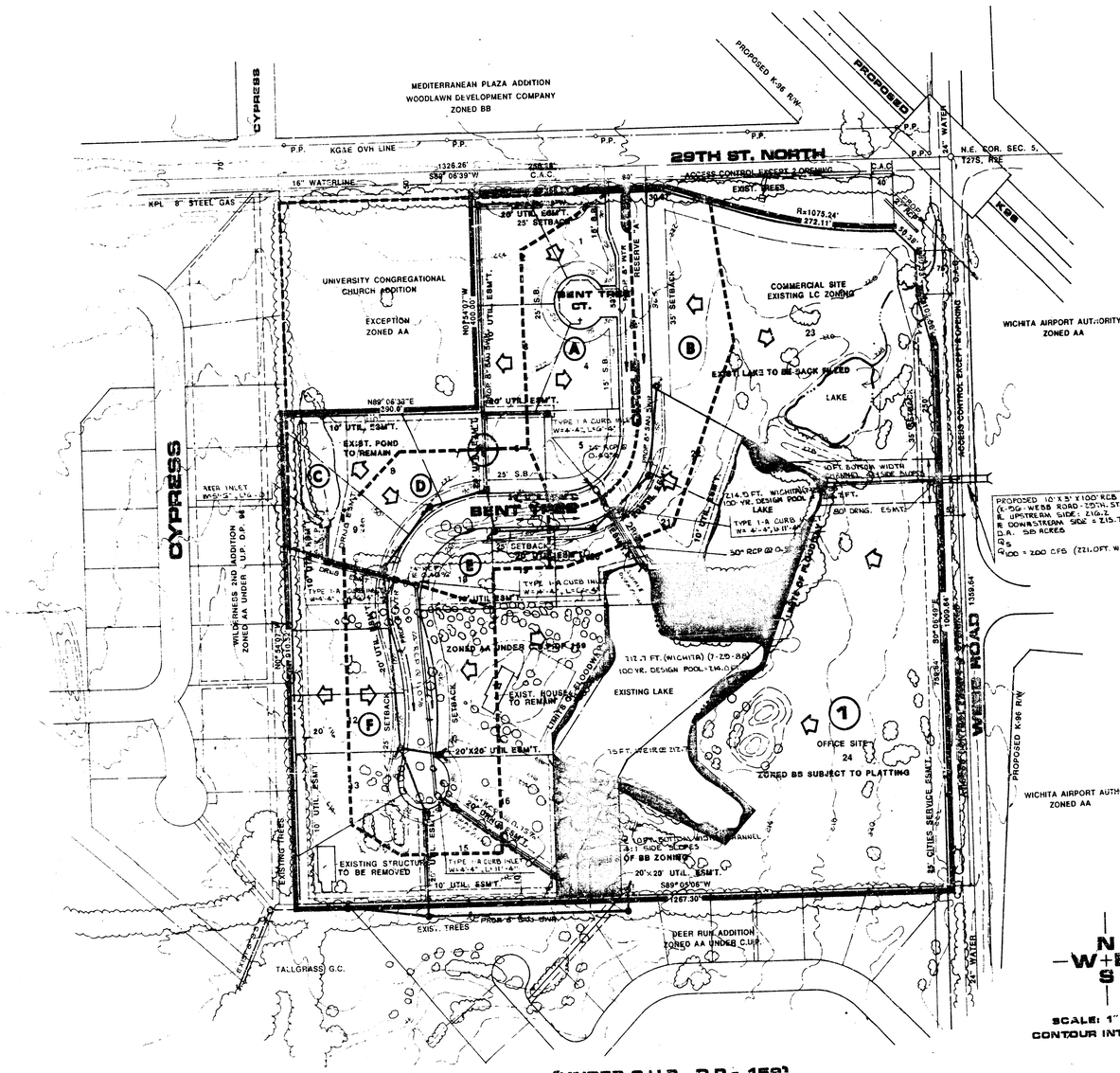
FOX POINTE ADDITION
(Preliminary)



SCALE: 1" = 100'
CONTOUR INTERVAL = 5'

DRAINAGE AND UTILITY PLAN (UNDER C.U.P., D.P.- 159)

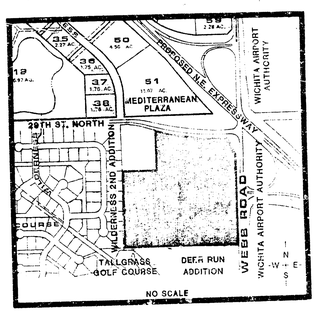
FOX POINTE

NOTES

DRAINAGE CONCEPT PLAN TO BE PREPARED BY M.K.E.C.

DRAINAGE FROM WEBB ROAD AND PROPOSED K-96 ACROSS LOT 23 WILL BE RESOLVED AT TIME OF FINAL PLAT.

Drainage Area	AREA ACRES	AREA ACCUM	C_{5yr5} 5 - YR	C_{100}	t_c (min) 100 5 - YR	i_{5yr5} (IN/HR) 5 - YR	i_{100} (IN/HR)	Q_{5yr5} (CFS) 5 - YR	Q_{100} (CFS)	Pipe Size	Pipe Slope	Inlets
AREA 'C' 'D' soils 30% Impervious Single Family	2.57		0.51	0.66	15	4.56	7.37	6.0	12.9	24" RCP	0.40%	1-L=11'+6" (sump)
AREA 'B' 'D' soils Light Commercial 80% Single Family	2.69	5.26	0.60 0.56	0.74 0.71	15 15	4.56 4.56	7.37 7.37	7.4 13.4	14.7 27.5	30" RCP	0.50%	1-L=11'+10' (sump)
AREA 'C' 'D' soils Congregation Church & Single Family	6.84		2 - YR 0.68	0.66	2 - YR 27 19	2 - YR 2.84	6.68	2 - YR 11.7	32.3	24" RCP	0.36%	AREA 1A,1T
AREA 'B' 'D' soils 30% Impervious Single Family	1.35	7.39	0.48 0.64	0.68 0.78	15 27 19	3.83 2.84	7.37 6.68	2.48 13.4	6.77 38.5	24" RCP	0.50%	1-L(1)=45'
AREA 'E' 'D' soils 30% Impervious Single Family	0.78	8.17	0.48 0.62	0.68 0.77	15 27 19	3.83 2.84	7.37 6.68	1.43 14.4	3.90 42.0	24" RCP	1.00%	1-L(1)=5'
AREA 'F' 'D' soils 30% Impervious Single Family	3.42	11.59	0.48 0.58	0.68 0.74	15 28 20	3.83 2.78	7.37 6.53	6.28 18.7	17.14 58.0	36" RCP	0.75%	1-L(1)=10



LOCATION MAP