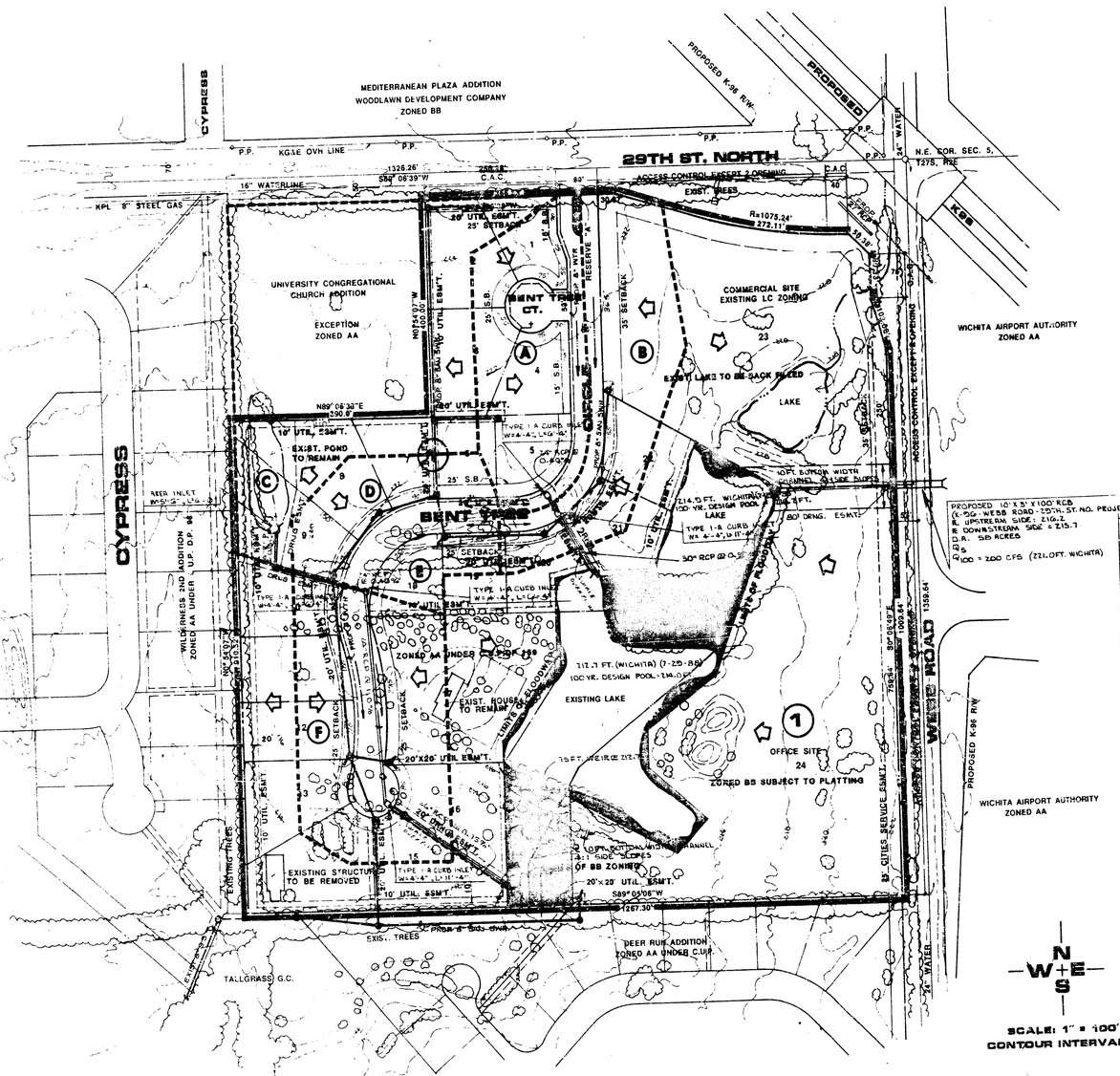
7

FOX POINTE ADDITION
(Preliminary)



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

FOX POINTE

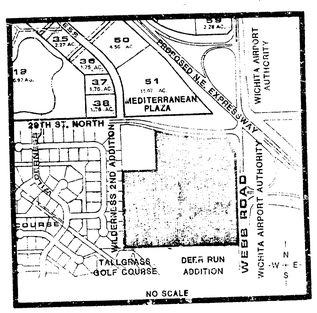
SCALE: 1" = 100'
CONTOUR INTERVAL = 2'

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	t_{2or5} 5 - YR	t_{100}	i_c (min) 100 5 - YR	i_{2or5} (IN/HR) 5 - YR	i_{100} (IN/HR)	Q_{2or5} (CFS) 5 - YR	Q_{100} (CFS)	Pipe Size	Pipe Slope	Inlets
AREA 'C' 'D' soils 30% Impervious Single Family	2.57		0.51	0.88	15	4.56	7.37	6.0	12.9	24" RCP	0.406	1-L(1)-45' (sump)
AREA 'B' 'D' soils Light Commercial and Single Family	2.69	5.26	0.60	0.74	15	4.56	7.37	7.4	14.7	30" RCP	0.50%	1-L(1)-40' (sump)
AREA 'C' 'D' soils Congregation Church & Single Family	6.04		2 - YR 0.68	0.66	2 - YR 27 19	2 - YR 2.84	6.68	2 - YR 11.7	32.3	24" RCP	0.306	AREA INLET
AREA 'B' 'D' soils 30% Impervious Single Family	1.35	7.39	0.48	0.68	15	3.83	7.37	2.48	6.77	24" RCP	0.50%	1-L(1)-45'
AREA 'E' 'D' soils 30% Impervious Single Family	0.78	8.17	0.48	0.68	15	3.83	7.37	1.13	3.90	24" RCP	1.00%	1-L(1)-45'
AREA 'F' 'D' soils 30% Impervious Single Family	3.42	11.59	0.48	0.68	15	3.83	7.37	6.26	17.14	36" RCP	0.75%	1-L(1)-10'



LOCATION MAP