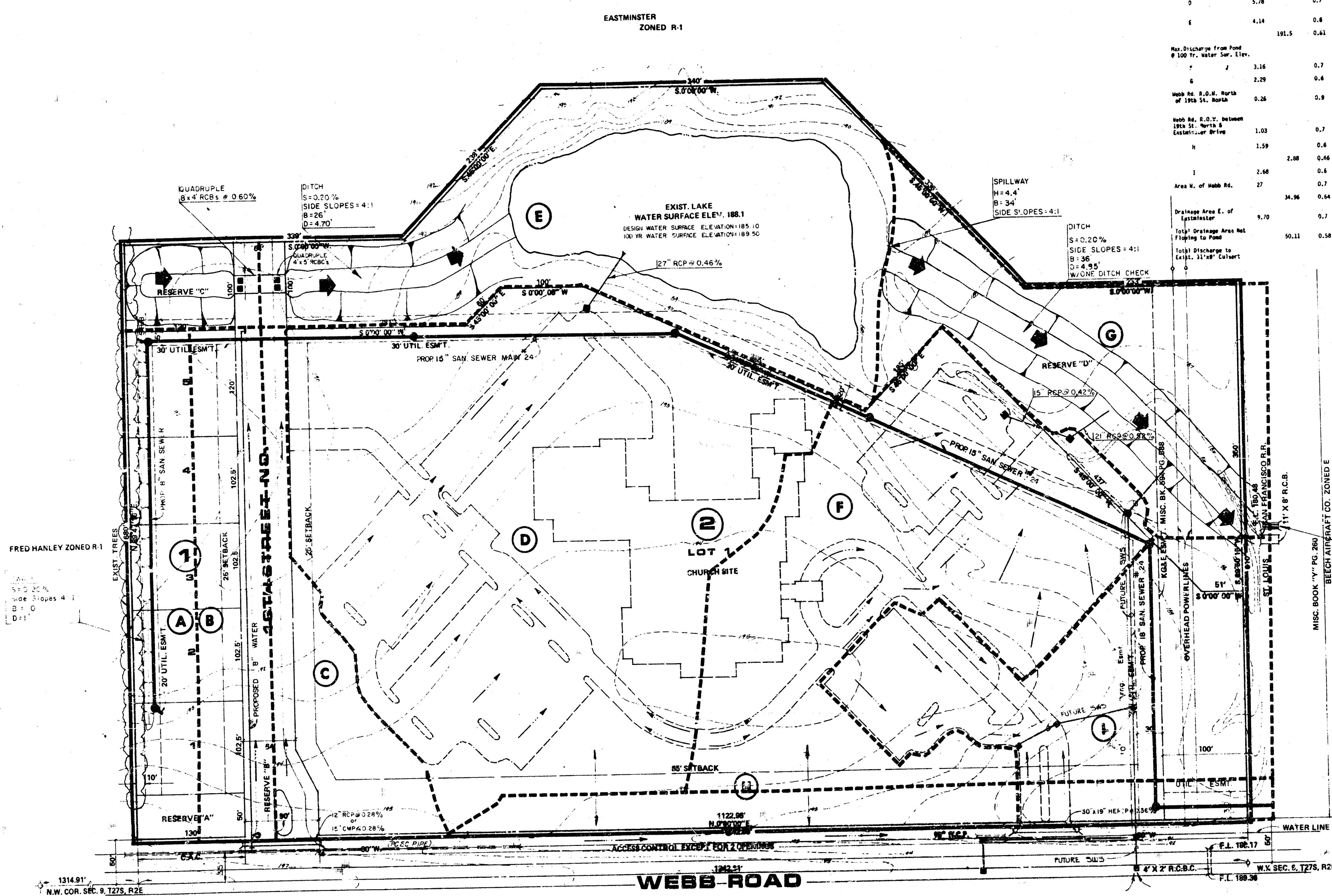
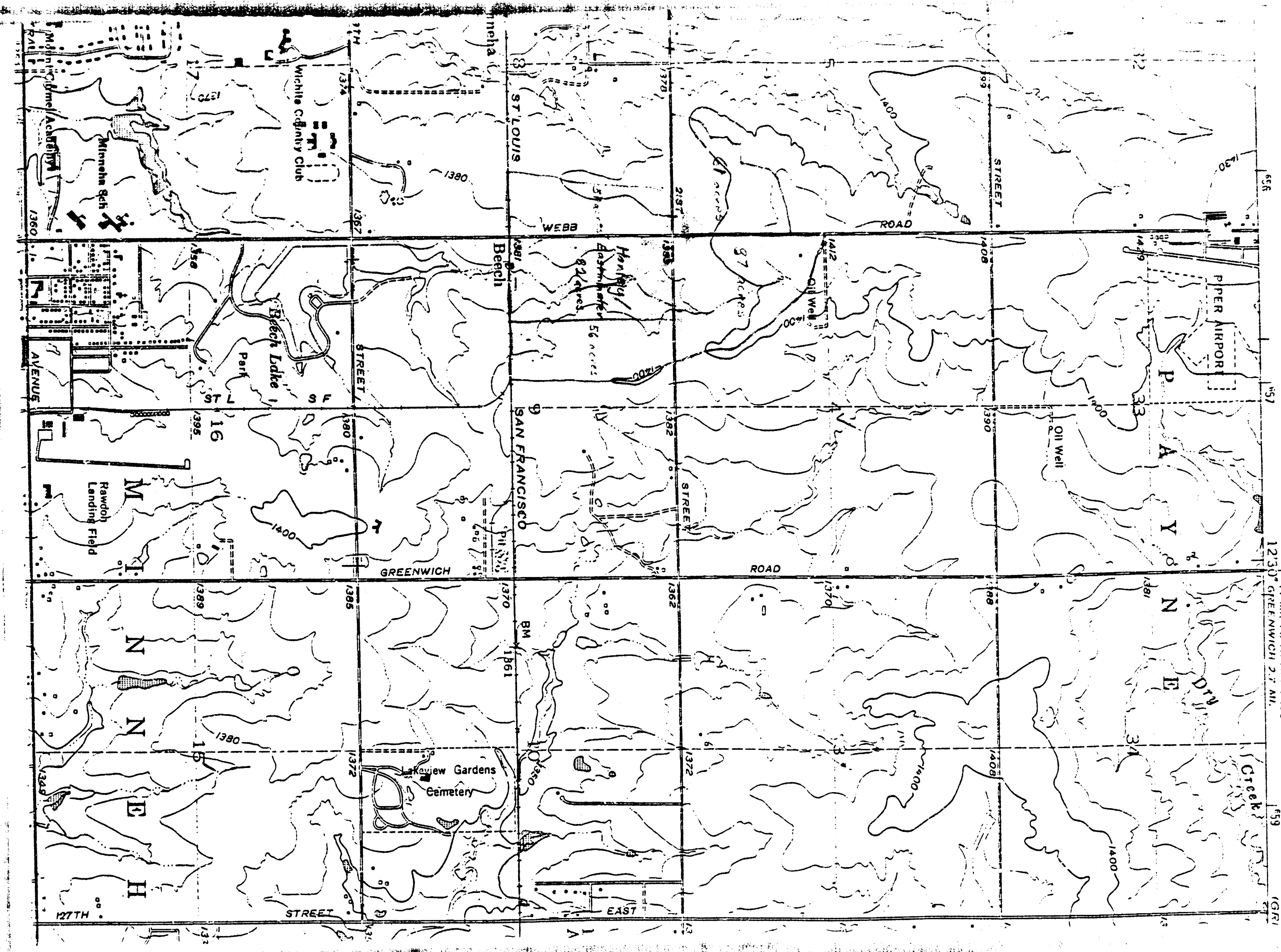
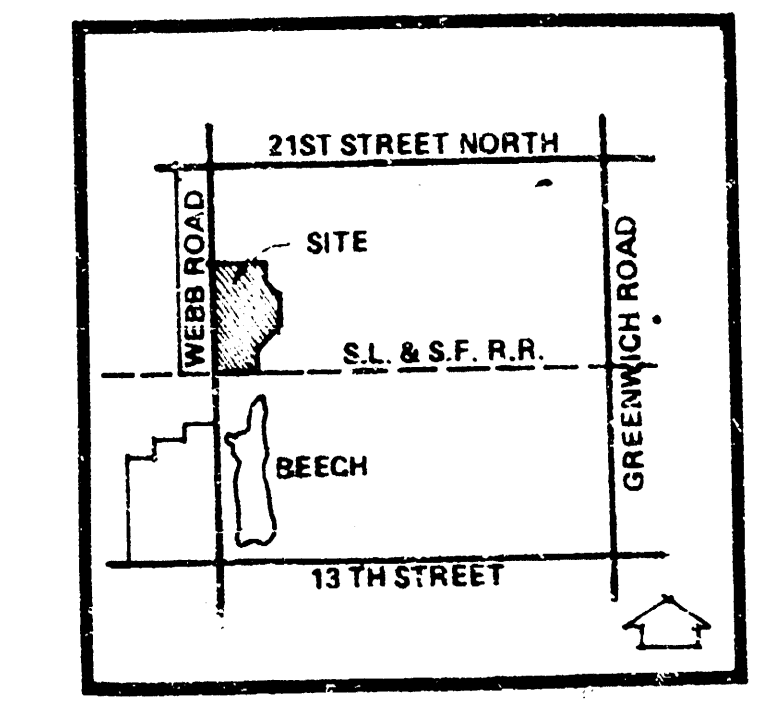




EASTMINSTER	AREA ACRES	C	T ₀	I ₂	I ₅	I ₂₀	Q ₂	Q ₅	Q ₁₀₀	PIPE SIZE	PIPE SLOPE	ENTRYS
	(acres)		(sec)	(in/hr)	(in/hr)	(in/hr)	(cfs)	(cfs)	(cfs)			
A	0.81	0.6	22	3.49	4.49	7.14	1.9	2.5	4.2			1-1-100
B	1.90	0.6	20	3.61	4.66	8.03	2.08	3.4	6.3			1-1-100
C	1.06	0.6	20	3.43	4.46	8.03	2.1	3.0	5.1			
Drainage Area North of Eastminster	1.9		0.62	33			6.30		662.2	4-1/2" x 4' REIR	0.408	
	182.27		0.61	33					700.0			
D	5.78	0.7	15	4.06	5.01	8.98	16.1	21.1	38.3	24" RCP	0.005	4" x 4" x 100
										27" RCP	0.408	
E	4.14	0.6	15	4.06	5.01	8.98	10.1	12.9	22.3			
	191.5		0.61	30			6.16		719.6			
Max. Discharge from Pond # 100 Tr. later Sur. Elev.									108.4			
F	3.16	0.7	15	4.06	5.01	8.98	9.0	11.5	19.9	21" RCP	0.005	2" x 4" x 100
G	2.29	0.6	15	4.06	5.01	8.98	5.5	7.2	12.3			
Wash Rd. S.O.H. North of 19th St. North	0.28	0.9	15	4.06	5.01	8.98	1.9	2.2	2.1	18" RCP	0.285	
										15" RCP		
Wash Rd. S.O.H. between 18th St. North & Eastminster Drive	1.03	0.7	19	3.70	4.76	8.19	2.7	3.4	5.9			
H	1.59	0.7	17	3.86	4.97	8.55	3.7	4.7	8.2			
	2.88	0.66	19	3.70	4.76	8.19	7.1	9.1	15.6	30" x 18" RCP	0.408	
I	2.68	0.6	15	4.06	5.01	8.98	5.7	8.4	14.4			
	91.7	0.7	30				6.79		27.7			
Area N. of Wash Rd.	34.96	0.64	31				6.62		129.6			
Drainage Area E. of Eastminster	9.70	0.7	19				8.19		55.1			
Total Drainage Area Not Flipping to Pond	50.11	0.58	48				4.70		137.23			
Total Discharge to Exist. 31" x 8" Culvert									1175.6			



BILL G. YUNG DESIGN
8225 E. 35 TH. ST. NORTH, WICHITA, KS. 67226
316-663-3667

date 12/26/85
rev. JAN. 3, 1986

sheet title
SOCIETY OF PLANT

project

EASTMINSTER