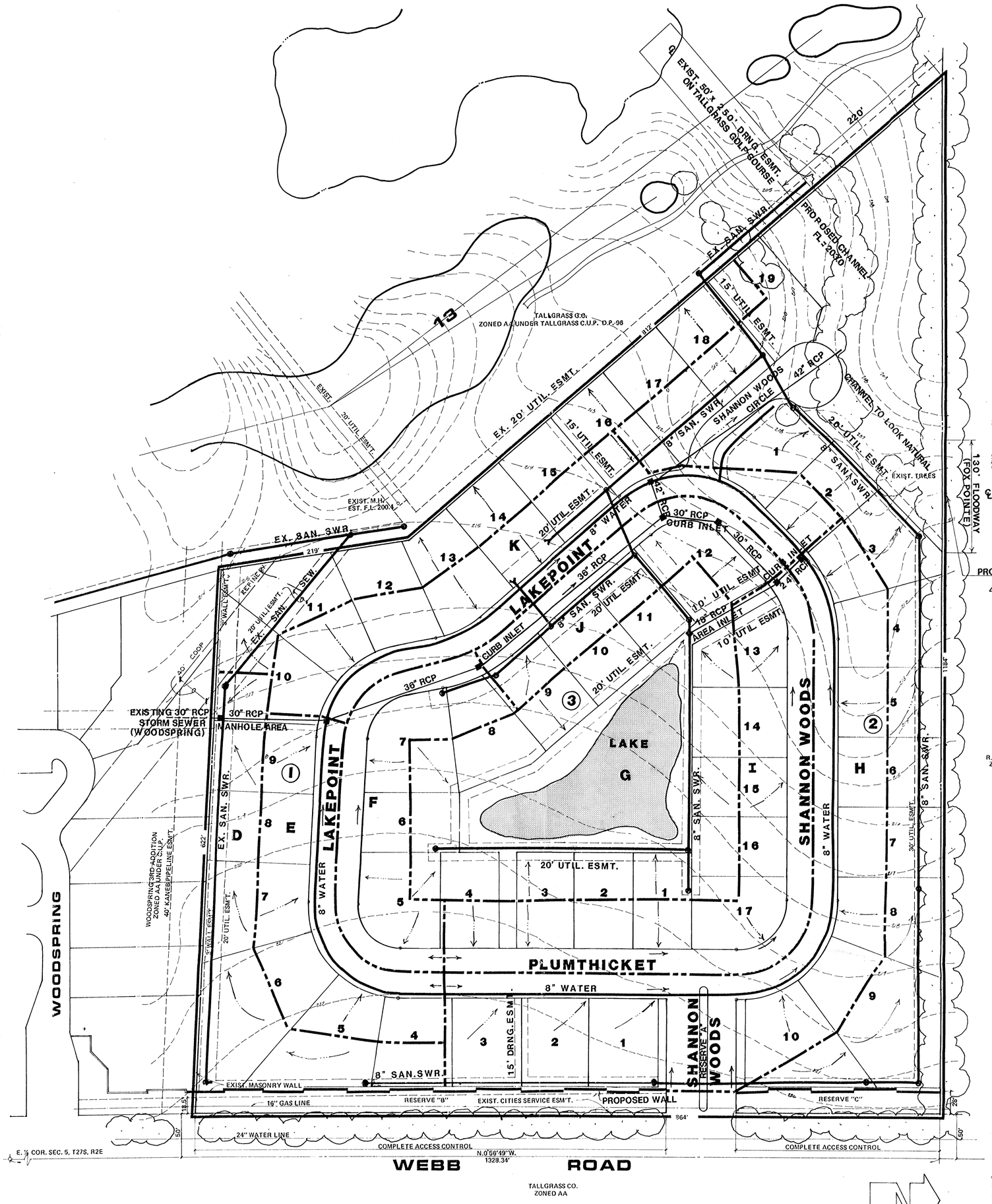
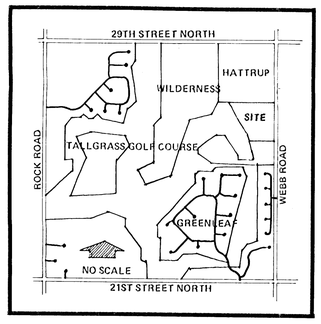


DRAINAGE AREA	AREA ACRES	AREA HECTAR.	C_2	C_{100}	T_c (MIN)	I_2 (IN/HR)	I_{100} (IN/HR)	Q_2 (CFS)	Q_{100} (CFS)	PIPE SIZE	PIPE SLOPE	INLETS
SHANNON WOODS & TALLGRASS												
Woodspring 3rd - "A" Residential - Single Fam. 3" Salts 1/3 AC 30% Impervious	2.56		0.46	0.73	22.15	3.17	7.37	4.3	15.9	Extsg. 24"x22" HERCP	1.10%	Extsg. 2-Lf14+6
Woodspring 3rd - "B" Residential - Single Fam. 3" Salts 1/4 AC 30% Impervious	2.06		0.50	0.76	22.15	3.10	7.37	3.2	11.5	-	-	Extsg. 2-Lf14+6
		5.02	0.48	0.74	22.15	3.10	7.37	7.5	27.4	Extsg. 30" RCP	0.32%	To SHANNON WOODS
Woodspring 3rd - "C" Residential - Single Fam. 3" Salts 1/3 AC 30% Impervious	0.92		0.46	0.73	20.15	3.30	7.37	1.2	4.9		Due to concrete wall, cannot enter system This runs across Tallgrass Golf Course to Wilderness Lake	
SHANNON WOODS												
Area "D" Residential - Single Fam. 3" Salts 1/3 AC 30% Impervious	1.26		0.46	0.73	33.19	2.52	6.68	1.2	4.9	-	-	Area Inlet
		6.03	0.48	0.74	33.19	2.52	6.68	7.3	29.8	30" RCP	0.35%	-
Area "E" Residential - Single Fam. 3" Salts 1/4 AC 30% Impervious	0.97		0.50	0.76	24.15	3.03	7.37	1.5	5.4	-	-	1-Lf14+6"
		7.00	0.48	0.74	33.19	2.52	6.68	8.5	34.6	24" RCP	0.30%	-
Area "F" Residential - Single Fam. 3" Salts 1/4 AC 30% Impervious	0.99		0.50	0.76	26.15	2.90	7.37	1.3	5.0	-	-	1-Lf14+6"
		7.99	0.49	0.75	33.19	2.52	6.68	9.7	39.5	24" RCP	0.40%	-
Area "G" Residential - Single Fam. 4-Plex 3" Salts	2.41		0.66	0.83	15.15	3.83	7.37	6.1	14.7	18" RCP	2.00%	Area Inlet
Area "H" Residential - Single Fam. 3" Salts 1/4 AC 30% Impervious	2.37		0.50	0.76	24.20	2.48	6.53	2.9	11.8	24" RCP	3.20%	1-Lf14+10"
Area "I" Residential - Single Fam. 3" Salts 1/4 AC 30% Impervious	1.51		0.50	0.76	31.17	2.52	7.20	2.0	8.3	-	-	1-Lf14+6"
		6.29	0.56	0.79	24.20	2.48	6.53	9.7	32.5	30" RCP	3.05%	
Area "J" Residential - Single Fam. 3" Salts 1/4 AC 30% Impervious	0.73		0.50	0.76	17.15	3.61	7.37	1.2	4.1	-	-	1-Lf14+6"
		14.91	0.52	0.77	24.20	2.48	6.53	19.2	75.3	42" RCP	0.96%	-
Area "K" Residential - Single Fam. 3" Salts 1/4 AC 30% Impervious	1.24		0.50	0.76	18.15	2.78	7.18	1.9	7.3	-	-	1-Lf14+6"
		16.15	0.52	0.77	24.20	2.48	6.53	21.0	81.7	42" RCP	0.75%	-
Area "L" Net of Floodway @ Fox Pointe (SCS - TR20)	127.2		CN=80.0		56		83	CN=4.6				Channel: w/c, Basin width Slope=w:1, L=1 To look natural



LOCATION MAP

REVISED - JUNE 1, 1989

BENCHMARK: CITY DISC. 32' N. AND 28' E. OF ¼ SEC. CORNER AT WEBB ROAD AND 25TH STREET NORTH. ELEV. 225.09

DRAINAGE & UTILITY PLAN

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

SHANNON WOODS