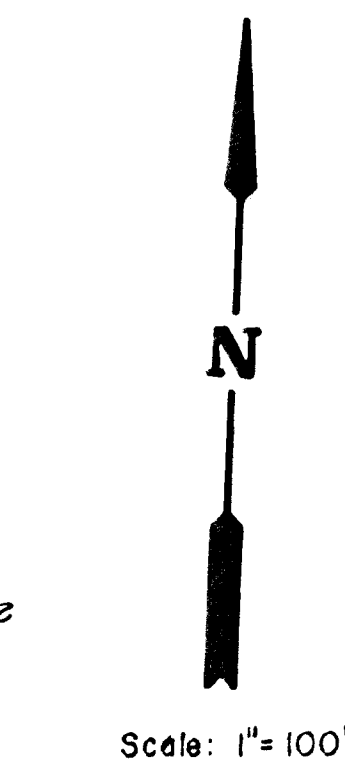
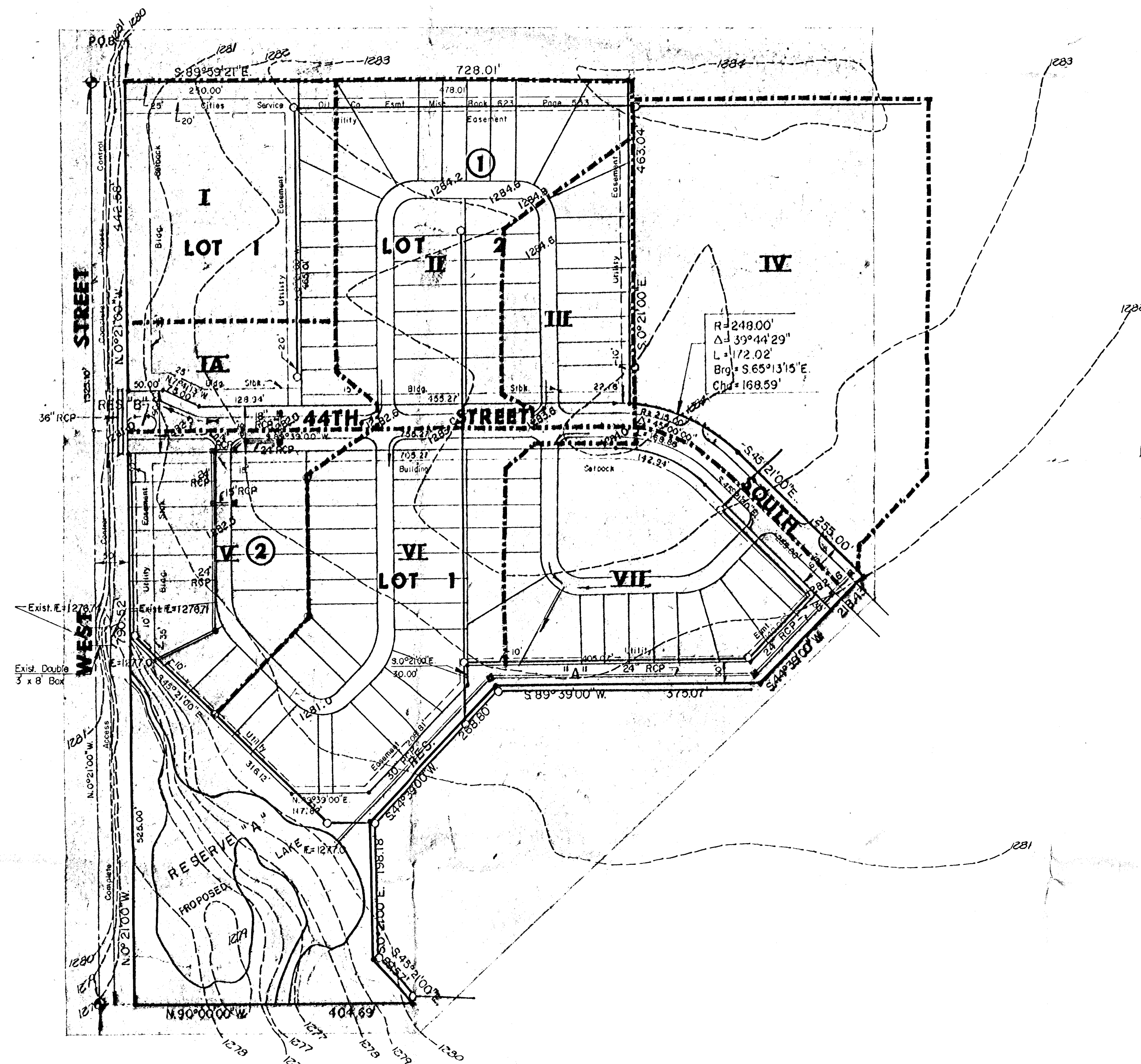


Area	Area Accum.	Tc	C	t ₂	t ₁₀₀	Q ₂	Q ₁₀₀	Pipe Size and Slope	Inlets
II-1	1.4	18	0.5	3.78	8.37				
II	3.4	20	0.5	3.62	8.03				
	4.8	20	0.5	3.63	8.03	8.7	19.3	24" at 0.16%	2
VI	3.7	20	0.5	3.63	8.03	8.7	24.8		
I-A	1.1	15	0.5	4.76	8.98	2.7	4.9		
V	2.2	15	0.5	4.06	8.98	4.5	9.9		
I	2.6	15	0.6	4.06	8.98	6.3	14.0		
IV	5.5	20	0.5	3.63	8.03	10.0		24" at 0.2%	
VII	3.0	15	0.5	4.06	8.98				
	8.5	21	0.5	3.56	7.88	15.1		30" at 0.14%	

Off-site Drainage 480 acres more or less
Study with Cottonwood Grove - 1980 had projected Q = 386 cfs.
Water surface profile of 1279.6 - 1278.9



- LEGEND**
- = PROPOSED STORM WATER SEWER
 - = FLOW DIRECTION ARROW
 - - - = PROPOSED & STREET GRADE
 - - - = DRAINAGE AREA DIVIDES
 - = PROPOSED SANITARY SEWER

	DRAINAGE PLAN FOR COTTONWOOD GROVE		Design KHB
			Drawn by OLM
			Checked by KHB
			Date April, 1984 Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 240 NORTH ROCK ROAD SUITE 130 WICHITA, KANSAS 67206			Sheet 1 of 1

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