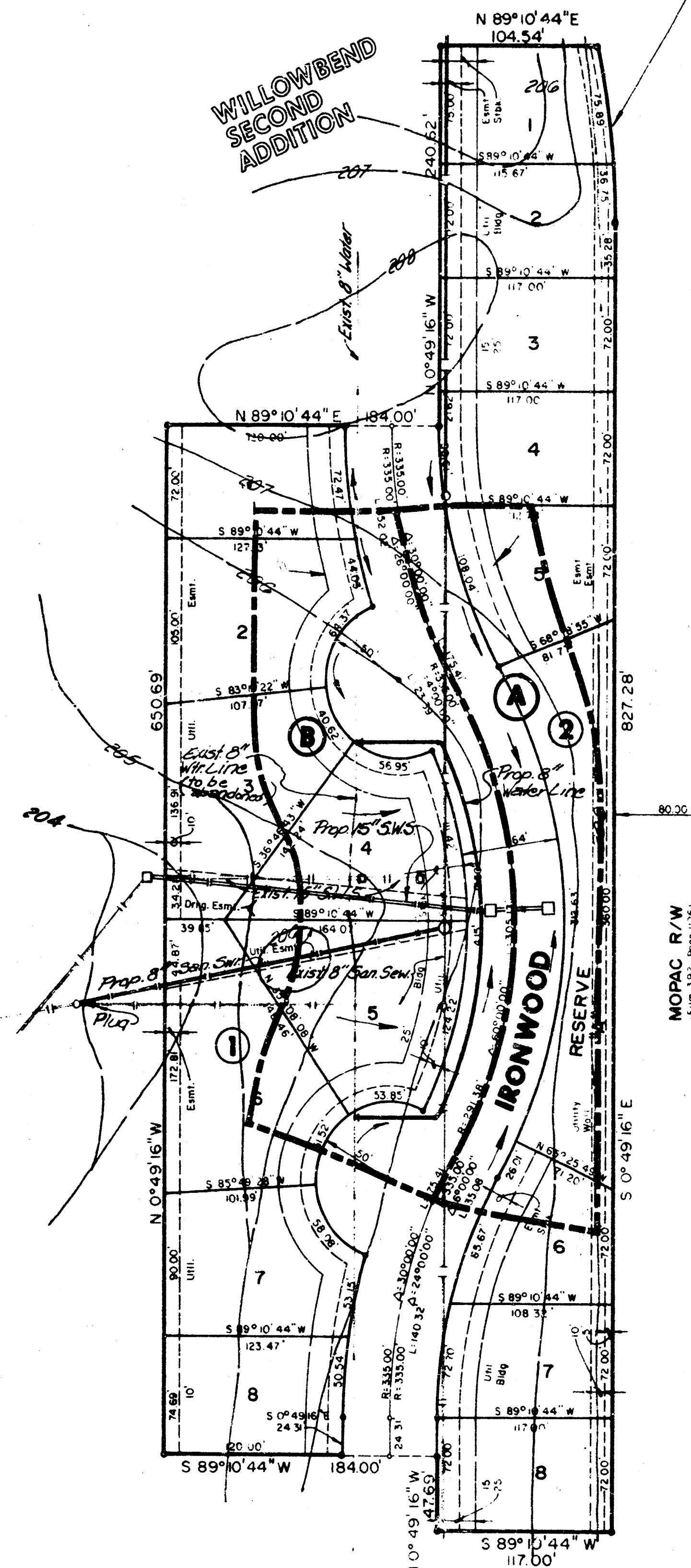


DRAINAGE & UTILITY PLAN **WILLOWBEND EIGHTH ADDITION**

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS
DECEMBER, 1986

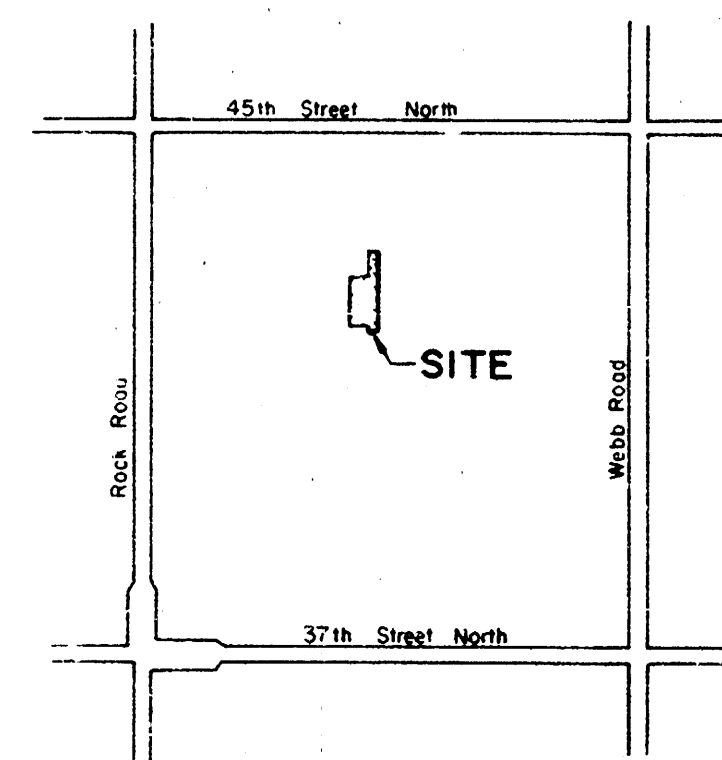
R = 50715'
Δ = 12° 43' 33"
L = 112.64'
Bq = S 7° 11' 03" E
Chd. = 112.41'

N. E. Cor., NW 1/4, Sec. 29
T. 2 S., R. 2 E., 6th P.M.



WILLOWBEND SECOND
ADDITION

WILLOWBEND EIGHTH	AREA (acres)	AREA ACCU.	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
A	0.8		0.50	0.76	15	3.83	7.37	1.5	4.5	15"	0.44%	L ₁ = 5'
B	1.3	2.1	0.50 0.50	0.76 0.76	15 15	3.83 3.83	7.37 7.37	2.5 4.0	7.3 11.8	15"	1.0%	L ₁ = 5'



LOCATION MAP

BENCH MARKS

- B.M. # 1 "D" Cur On N.W. Corner RCB, 16' N. And
35' W. of Center Section 29-26-2E.
Elev. = 208.16
- B.M. # 2 "D" Cur On N.W. Corner RCB Under R.R.,
Easterly Of Lot 62, Block 2, Willowbend School.
Elev. = 208.52

Approved.
VRA 1/1/87

	WILLOWBEND EIGHTH ADDITION		Sheet
	DRAINAGE & UTILITY PLAN		1
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226		482-6561 482-6561