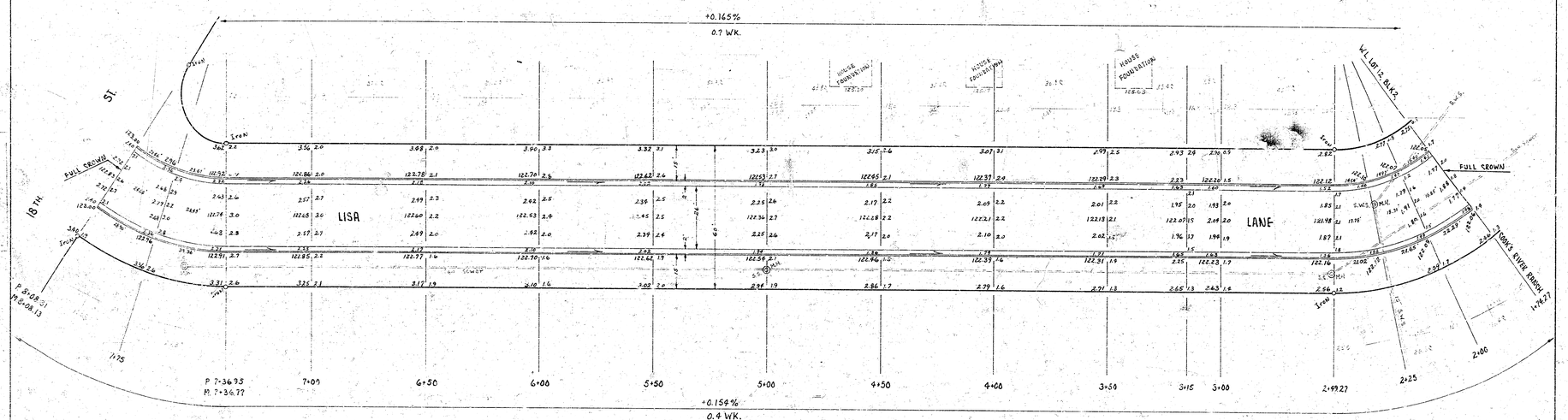
B.M. 120.935 "X" TOP OF CURB AT S. END OF S.E. RADIUS, 17TH & WOODROW COURT.
B.M. 124.36 R.R. SPIKE S.S. H.L.P., S.E. COR. 18TH & WOODROW COURT.
BASE LINE AND STATIONING ON SOUTH AND WEST PROPERTY LINE.

NOTE: THIS PROJECT STATIONED S.E. to N.W.

~ PROPERTY EXCAVATION TOTALS ~

435.3 Cu. Yds. Property Cut
+ 43.5
= 478.8 Cu. Yds. Property Cut



CURVE DATA STA. 7+36.77 to STA. 8+08.13.
BASED ON WEST PROPERTY LINE

Δ = 34° 45' 00"
½Δ = 17° 22' 30"
R = 117.66'
ARC = 71.36
MIN. DEFL/FT. = 14.606781

STATION	DEFL. ∠	TOTAL DEFL. ∠	CHORD 8' OFF W. P.L.	CHORD 8' OFF E. P.L.	ARC ON WEST P.L.
P.C. 7+36.77					
7+75	9° 18' 36"	9° 18' 36"	38.86	26.92	38.23
P.T. 8+08.13	8° 03' 59"	17° 22' 29"	31.06	18.15	33.13

CURVE DATA STA. 1+41.12 to STA. 2+49.27
BASED ON SOUTH & WEST PROP. LINE

Δ = 55° 15' 00"
½Δ = 27° 37' 30"
R = 112.16'
ARC = 108.15'
MIN. DEFL/FT. = 13.325153

STATION	DEFL. ∠	TOTAL DEFL. ∠	CHORD 8' OFF S.W. P.L.	CHORD 8' OFF N.E. P.L.	ARC ON S.W. P.L.
P.C. 1+41.12					
1+76.27	8° 28' 02"	8° 28' 02"	30.97	17.92	33.15
	END PROJ. NO. C19-4, BEGIN PROJ. NO. C19-5				
1+76.27	8° 28' 02"	8° 28' 02"	30.97	17.92	33.15
2+00	6° 39' 19"	15° 07' 21"	24.07	13.59	25.73
2+25	6° 23' 08"	21° 25' 29"	23.39	13.16	25.00
P.T. 2+49.27	6° 11' 57"	27° 37' 26"	22.71	12.78	24.27

LISA LANE

W.L. LOT 12, BLK. 2, COOKS RIVER RANCH ADDN. to S.L. 18TH.

26-2-30 A.C.

CITY OF WICHITA, KANSAS

B.E. SMITH, CITY ENGINEER
DATE: APRIL 1959, PROJ. NO. C19-5