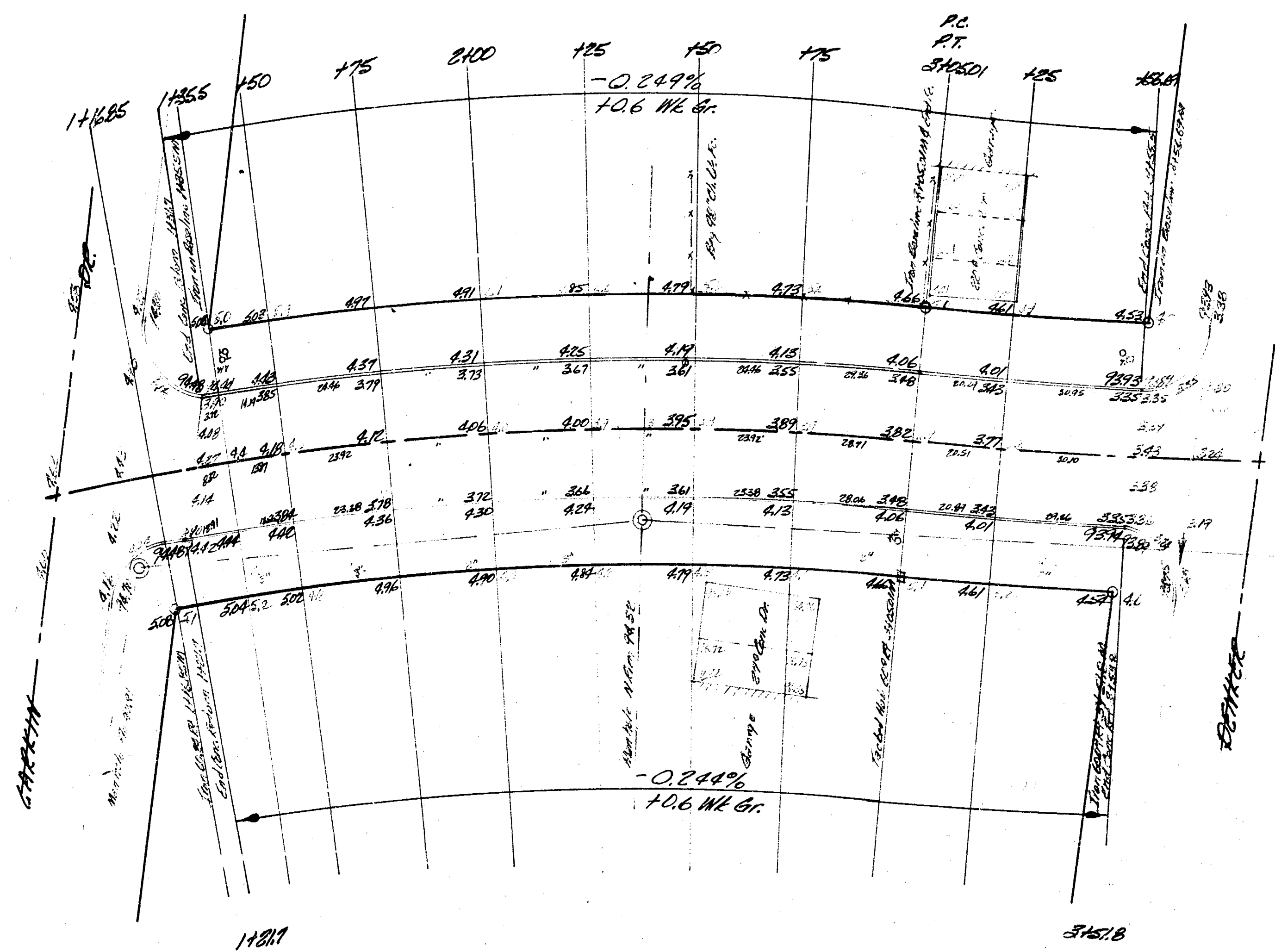


Scale 1" = 20'



CURVE DATA BASED ON H.R. R-67441 Δ35°-10'						
Sta	Arc	Chord @ 100' Ch	Chord @ 500' Ch	Deflection	Tangl / Defl's	
23+00.00						
31.75	30.01'	29.70'	31.72'	1° 14' 17"	19 14' 17"	
2150	3000'	31.75'	33.69'	1° 01' 58"	2° 16' 16"	
31.25	"	"	"	"	3° 18' 03"	
2160	"	"	"	"	8° 19' 52"	
11.25	"	"	"	"	8° 21' 49"	
1150	2500'	24.25'	25.09'	1° 01' 58"	9° 23' 42"	
1185	1150'	11.25'	11.40'	0° 35' 59"	6° 58' 56"	
1191	850'	3.75'	3.51'	0° 9' 24"	7° 9' 00"	
1111	1100'	9.90'	9.23'	0° 24' 45"	7° 33' 45"	
1185	885'	8.80'	8.48'	0° 12' 51"	7° 45' 46"	
22+00	1185'	11.53'	10.78'	0° 11' 18"	8° 25' 00"	
					24° 53' 36"	min 14"

CURVE DATA BASED ON H.P. R=1001.75' Δ=25°10'					
Sta.	ARC	Chord S.D. Next Cb.	Chord S.D. Opp Cb.	Deflection	Total Def's
2+360.01					
125	14.99	20.24	20.95	0° 34' 08"	0° 34' 09"
1530	24.00	33.20	33.48	0° 48' 05"	1° 22' 12"
1555	2.22	2.51	2.63	0° 4' 11"	1° 26' 49"
					1.71587 mils/lft

Excavation
Prop.
205.7 C.Y.
20.6 + 10%
226.3 C.Y. Total

LAURA AVE.
N. LARKIN DR To S. DENKER ST
30' CONC & C.B.
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
DATE OCT. 1965 PROJ. C15-59

