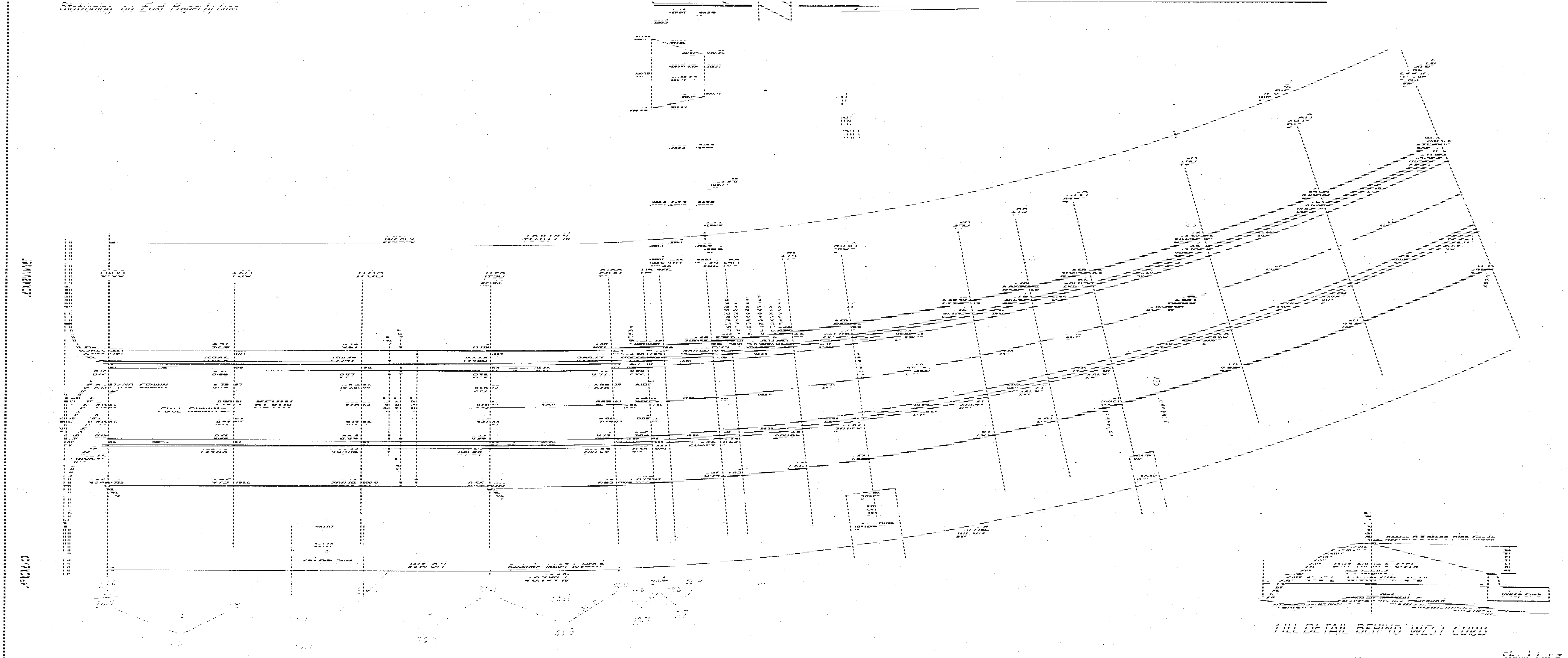
BM: 198.16 "R" in Ritchie West curb Kevin South Line Polo.
Stationing on East Property Line

NOTE:
RE-CROSS SECTION PRIOR TO EXCAVATION


DRIVE
POLO
KEVIN
ROAD
FULL CROWN
0+00
+50
1+00
1+50
2+00
+15
+50
+75
3+00
+50
+75
4+00
+50
5+00
5+52.66
WF 0.2'
+0.817%
WF 0.7
+0.794%
WF 0.4
15' Conc. Drive
Approx. 0.3 above plan Grade
Dirt Fill in 6" Lifts and tamped between lifts. 4'-6"
Natural Ground
West Curb

FILL DETAIL BEHIND WEST CURB

No Scale

Sheet 1 of 3.

B. E. SMITH 436

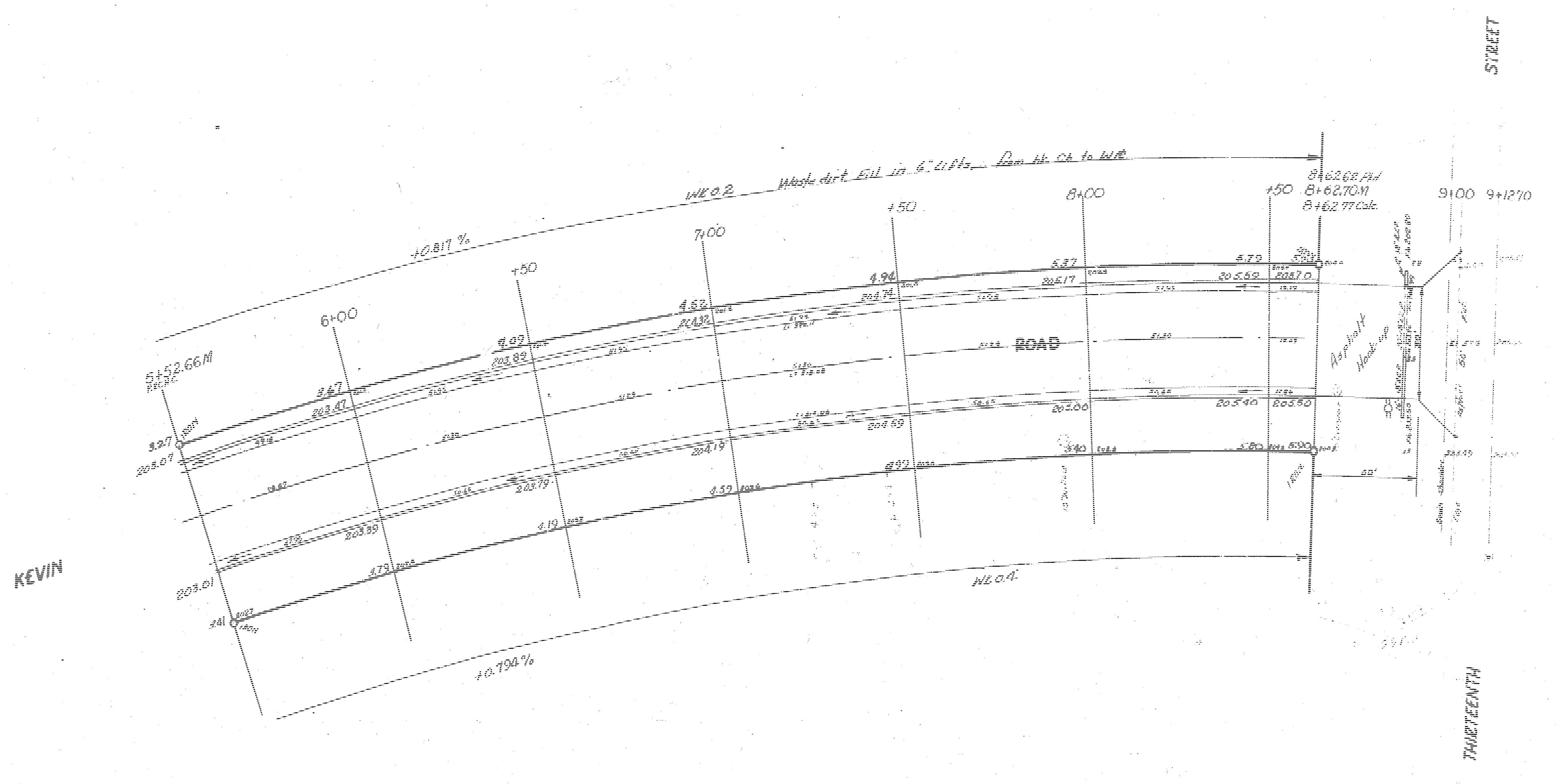
KEVIN ROAD
NL Polo to SL 13th
26-2-30 A.C.
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
AUG 1957 PROJ. NO. C16-142

Curve Data: 8' offset Ecb Sta. 1+50 to Sta. 5+52.66
R=1493.0 Ft Δ= 15° 23'. Stationing on East ℞.

STATION	Arc Length 8' offset Ecb	Deflection Angle 1.15129	Total Deflection	Chord Length 8' offset Ecb	Chord Length 8' offset Wcb
1+50					
2+00	49.77	0° 57' 18"	0° 57' 18"	49.77	48.27
+15	14.93	0° 17' 11"	1° 14' 29"	14.93	14.48
+22	4.97	0° 08' 01"	1° 22' 30"	4.96	4.75
+42	19.91	0° 22' 55"	1° 45' 25"	19.91	19.31
+60	7.96	0° 09' 10"	1° 54' 35"	7.96	7.73
+75	24.88	0° 28' 39"	2° 23' 14"	24.87	24.12
3+00	24.88	0° 28' 39"	2° 51' 53"	24.87	24.12
+50	49.77	0° 57' 18"	3° 49' 11"	49.77	48.27
175	24.88	0° 28' 39"	4° 17' 50"	24.87	24.12
4+00	24.88	0° 28' 39"	4° 46' 29"	24.87	24.12
+50	49.77	0° 57' 18"	5° 43' 47"	49.77	48.27
5+00	49.77	0° 57' 18"	6° 41' 05"	49.77	48.27
PR. 5+52.66	52.41	1° 00' 20"	7° 41' 25"	52.41	50.82

Curve Data: 8' offset Ecb Sta. 5+52.66 to Sta. 8+62.70
R=1156 Δ= 15° 22' Stationing on East ℞.

STATION	Arc Length 8' offset Ecb	Deflection Angle 1.47796	Total Deflection	Chord Length 8' offset Ecb	Chord Length 8' offset Wcb
5+52.66					
6+00	47.63	1° 10' 24"	1° 10' 24"	47.63	49.52
+50	50.30	1° 14' 20"	2° 24' 44"	50.28	52.27
7+00	50.30	1° 14' 20"	3° 39' 04"	50.28	52.27
+50	50.30	1° 14' 20"	4° 53' 24"	50.28	52.27
8+00	50.30	1° 14' 20"	6° 07' 44"	50.28	52.27
+50	50.30	1° 14' 20"	7° 22' 04"	50.28	52.27
8+62.70	12.78	0° 18' 53"	7° 40' 57"	12.77	13.27


KEVIN
ROAD
STREET
THIRTEENTH
5+52.66M
6+00
+50
7+00
+50
8+00
+50
8+62.62 Pld
8+62.70M
8+62.77 Calc.
9+00
9+12.70
+0.817 %
+0.794 %
WL 0.2
Wesle dirt fill in 6" lifts
WL 0.4
203.07
203.01
203.47
203.89
204.32
204.74
205.17
205.59
205.70
203.59
203.79
204.19
204.59
205.00
205.40
205.50
3.27
3.41
3.67
4.09
4.52
4.94
5.37
5.79
4.79
4.19
4.59
4.92
5.40
5.80
5.90
Asphalt
60'

KEVIN ROAD
NL Polo to SL 13th
Sheet 2 of 5

C16-142