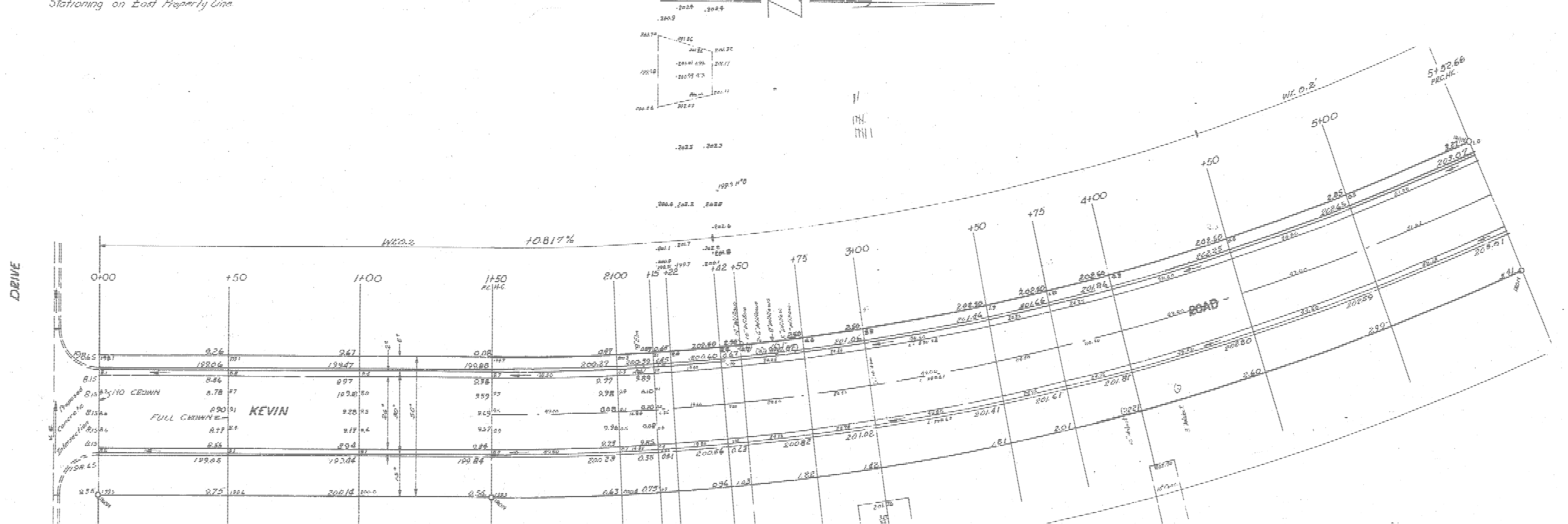
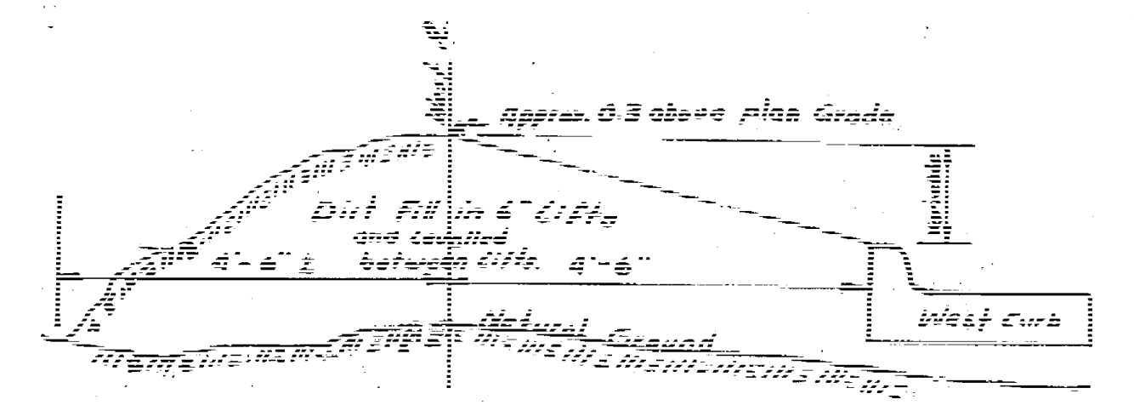
BM: 198.16 "R" in Ritchie West curb Kevin South Line Polo.
Stationing on East Property Line

NOTE:
RE-CROSS SECTION PRIOR TO EXCAVATION



DRIVE
POLO
KEVIN
ROAD
FULL CROWN
WF 0.2
+0.817%
WF 0.7
Grade
+0.794%
WF 0.4
0+00
+50
1+00
1+50
2+00
+15
+42
+50
+75
3+00
+50
+75
4+00
+50
5+00
5+52.66



Approx. 0.3 above plan Grade
Dirt Fill in 6" Lifts and tamped between lifts. 4"-6"
4"-6"
Natural Ground
West Curb

FILL DETAIL BEHIND WEST CURB

No Scale

Sheet 1 of 3.

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

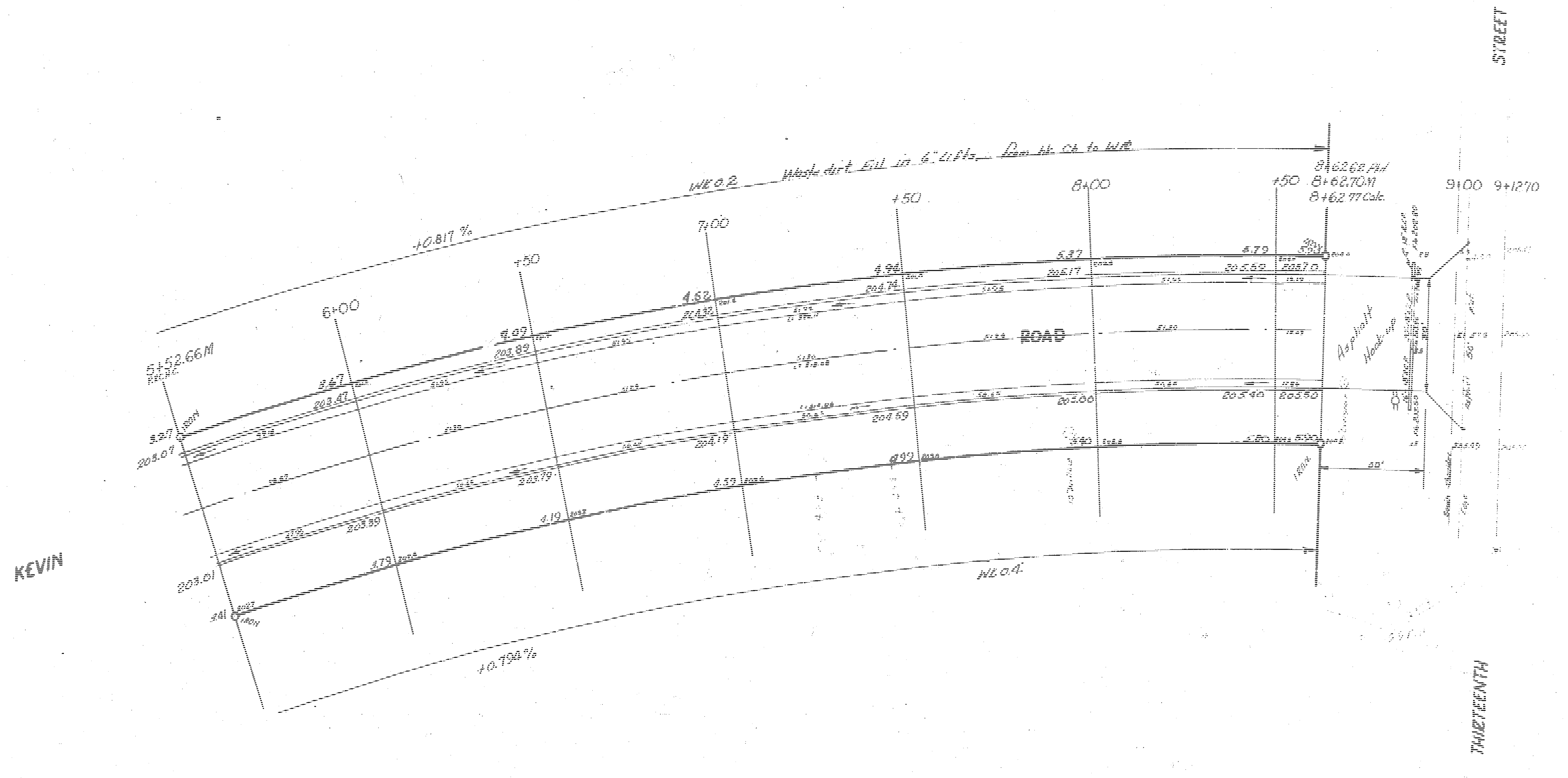
B.E. SMITH
436

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

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	6.97	0° 08' 01"	1° 22' 30"	6.96	6.75
+42	19.91	0° 22' 55"	1° 45' 25"	19.91	19.31
+50	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
+75	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
PC 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 R.

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


STREET
+0.817%
WL 0.2
Waste dirt fill in 6" Lifts
5+52.66 M
6+00
+50
7+00
+50
8+00
+50
8+62.62 Pld
8+62.70 M
8+62.77 Calc.
9+00
9+12.70
ROAD
KEVIN
Asphalt Hook-up
203.07
203.01
204.59
205.00
205.40
205.50
205.17
205.59
205.70
50'
WL 0.4
+0.794%
THIRTEENTH

KEVIN ROAD
NL Polo to SL 13th
Sheet 2 of 3

C16-142