

PIK		PRZEDSIĘBIORSTWO INŻYNIERII KOMUNALNEJ 12 – 200 Pisz Maldanin 18 A	
NPI 849-121-65-28		Regon 510880510	Tel./fax. (087) 423-34-95

Obiekt:

Przebudowa drogi powiatowej Nr 1720 N
od drogi krajowej Nr 63 (Miłki) – Marcinowa Wola –
Cierzpięty – Orzysz
- Etap I – od km 11+036,96 do km 20+850,00
odcinek Cierzpięty – Orzysz

Temat:

Projekt budowlano – wykonawczy
- PROFIL PODŁUŻNY

Inwestor:

Starostwo Powiatowe w Pisz
Pl. Daszyńskiego 7
12-200 Pisz

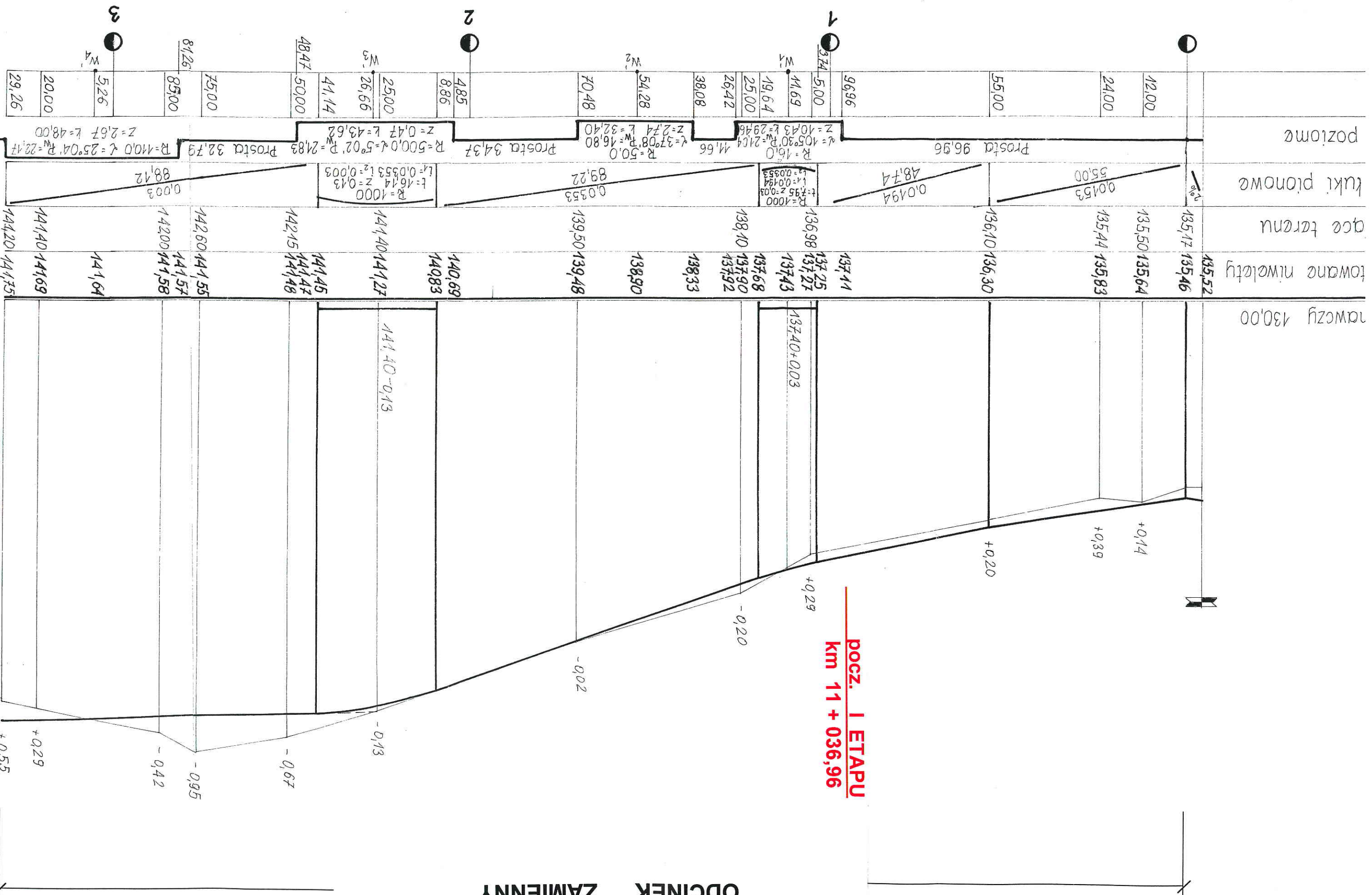
PROFIL PODŁUŻNY

do projektu budowlano- wykonawczego
przebudowy drogi powiatowej Nr 1720 N
od drogi krajowej Nr 63 (Miłki) – Marcinowa Wola – Cierzpięty – Orzysz
dot. odcinka od km 11+036,96 do km 15+555,06

ODCINEK ZAMIENNY

pocz. I ETAPU
km 11 + 036,96

km 11+269,26

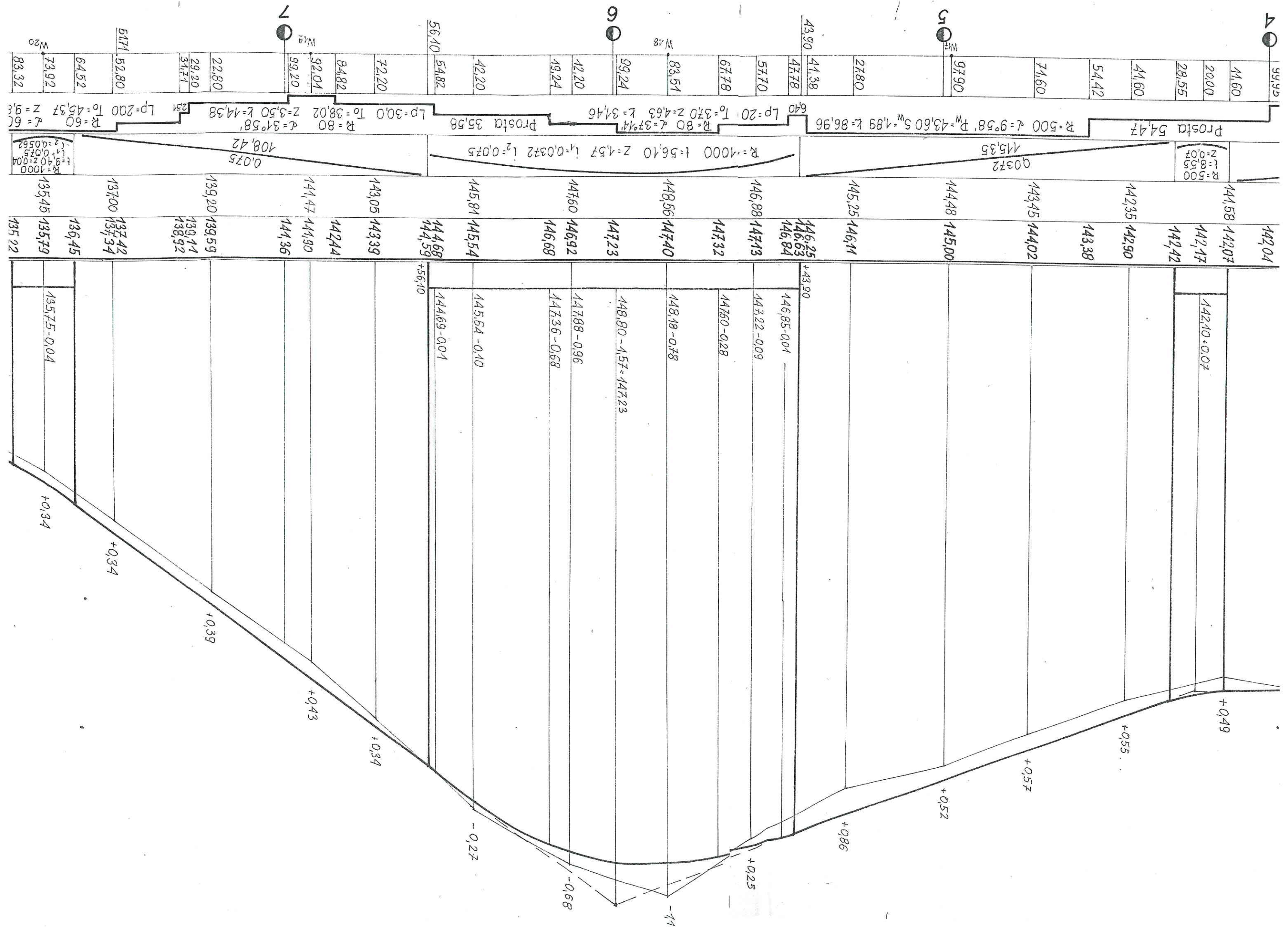


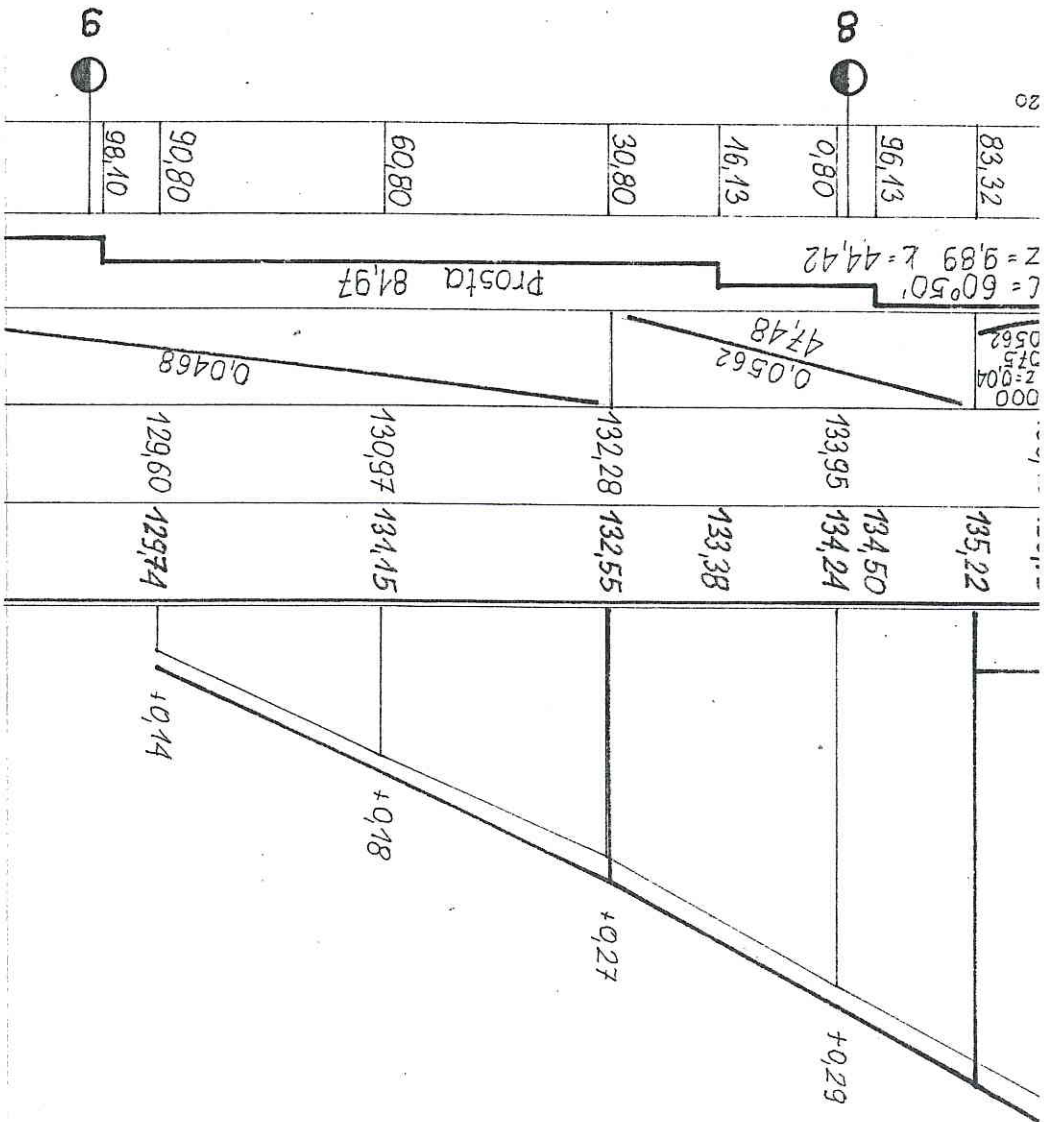
Poziom porównawczy 129,00

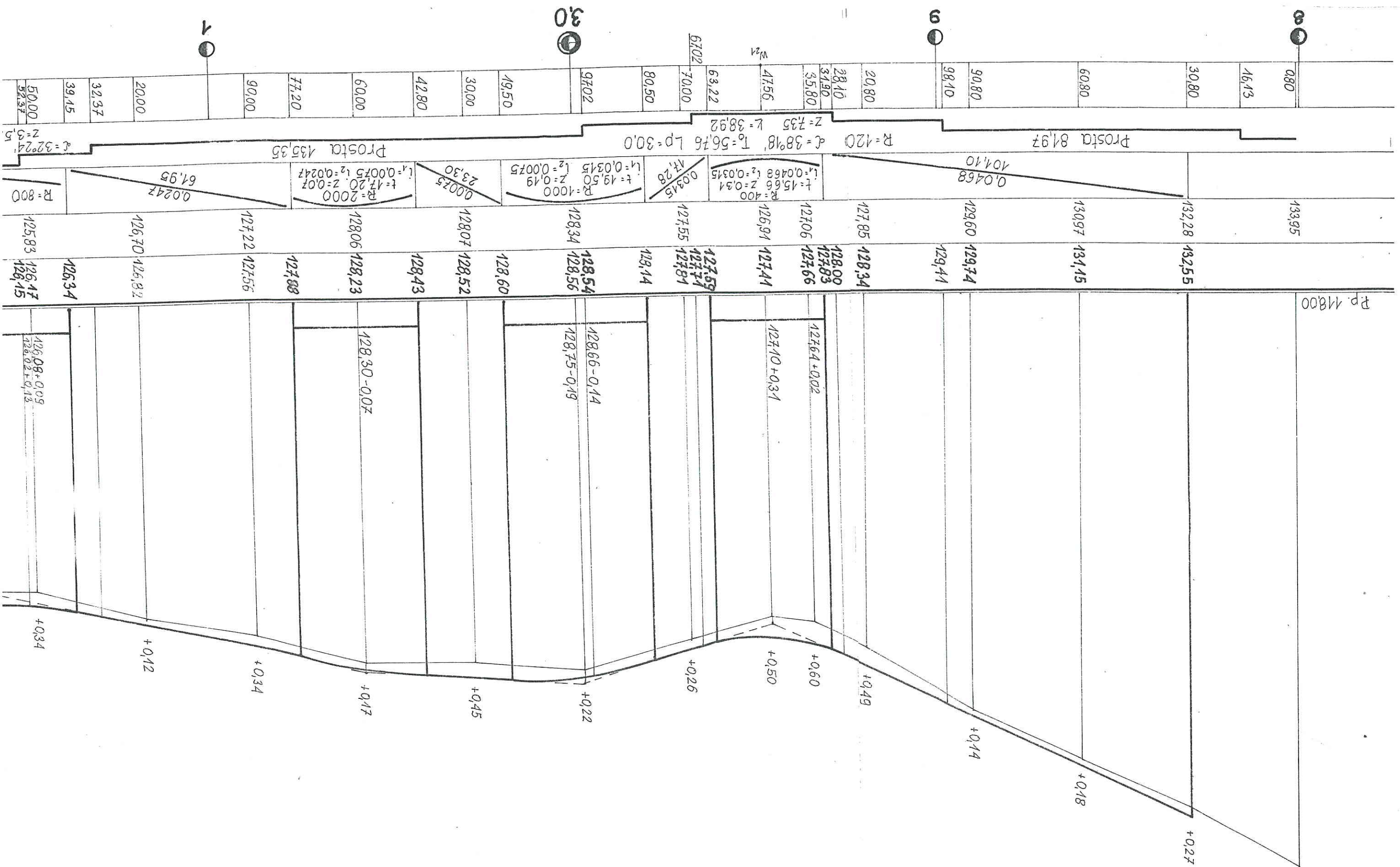
Rzędne projektowane niwelety	Rzędne istniejące terenu	Pochylenia i łuki pionowe	Proste i łuki poziome	Odległości
135,70	135,34	$R=25$ $\alpha=68^{\circ}57'$ $L=17,47$ $s_w=5,33$ $L_w=30,08$ $R=300$ $t=6,84$ $z=0,08$ $\frac{8,20}{0,03}$	$R=60$ $\alpha=55^{\circ}20'$ $LP=20,0$ $T_0=41,61$ Prosta 24,16	41,65 47,83
136,05	135,83	$R=800$ $t=29,04$ $z=0,53$ $L_1=0,0756$ $L_2=0,003$ $3,121$	$R=800$ $t=29,04$ $z=0,53$ $L_1=0,0756$ $L_2=0,003$	62,87 71,07 77,91 84,75 90,70
136,30	136,58			1,45
137,02	137,47			15,96 20,70
137,28	138,28			24,45
139,38	139,87			40,36 45,00
139,73	141,00			59,27
139,79	141,47			67,70
	141,62			74,04
	141,66			79,27
	141,67			97,70
	141,73			343
	141,75			27,70
	141,82			51,69
	141,89			81,60
	141,98			99,95
142,04	142,09			

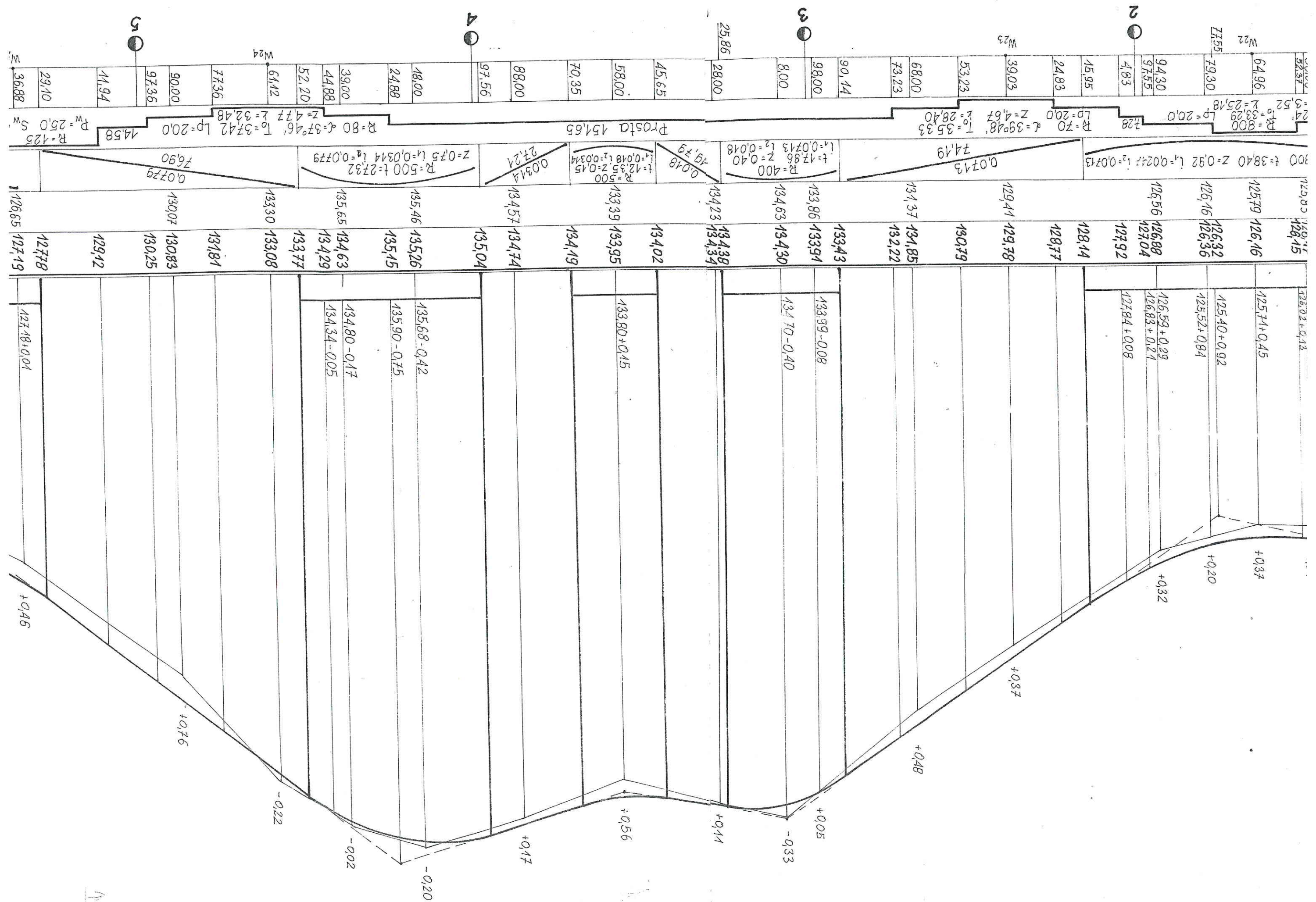
ANULOWANE

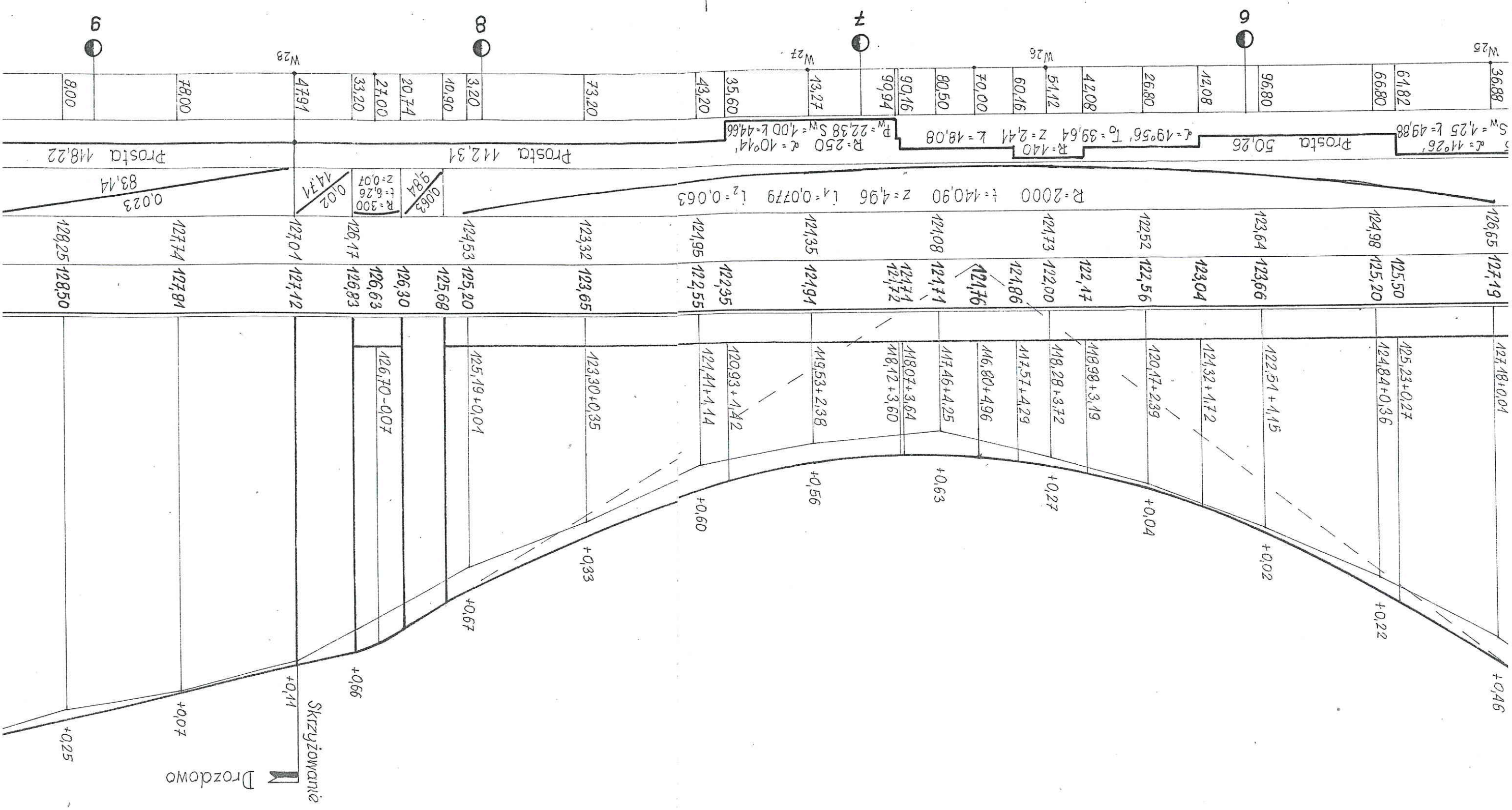
km 11+269,26

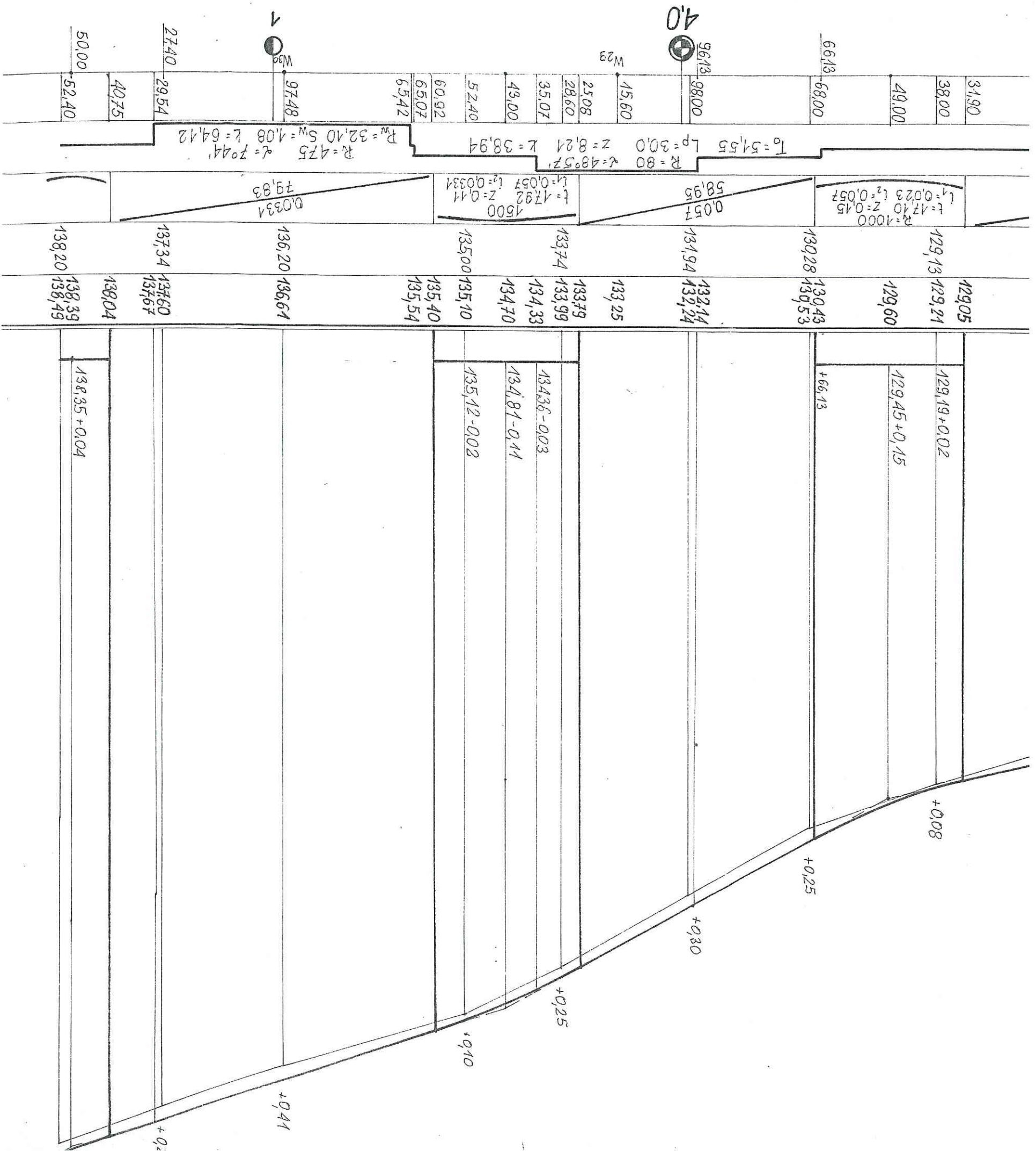












4,0+1

97,48

136,20 136,61

Pp 130,00

+0,41

27,40

137,34 137,60

+0,26

29,54

137,67

40,75

138,04

50,00

138,39

138,35+0,04

+0,27

59,25

138,83

138,47+0,02

87,40

140,00 140,28

+0,28

6,20

144,25

+0,19

17,40

144,58 144,77

144,83-0,06

38,86

142,40

142,93-0,53

42,00

142,46

143,10-0,64

+0,05

47,40

142,48 142,53

142,99-0,46

68,86

142,52

142,56-0,04

77,80

142,14 142,32

+0,18

81,14

142,07

10,50

144,26 144,73

+0,47

23,42

144,47

34,30

144,31

+0,58

41,86

140,68 141,10

52,42

140,89

+0,34

65,87

140,62

74,80

140,16 140,50

+0,13

18,33

139,96

139,57+0,39

38,33

139,92

139,17+0,75

45,85

139,63 139,93

139,02+0,91

W33

53,37

139,96

138,87+1,09

+0,30

2

3

4

Prosta 109,32

Prosta 65,91

$\epsilon = 18^{\circ}34'$ $T_0 = 42,89$ $L_p = 30,0$ $Z = 2,47$ $L = 24,56$

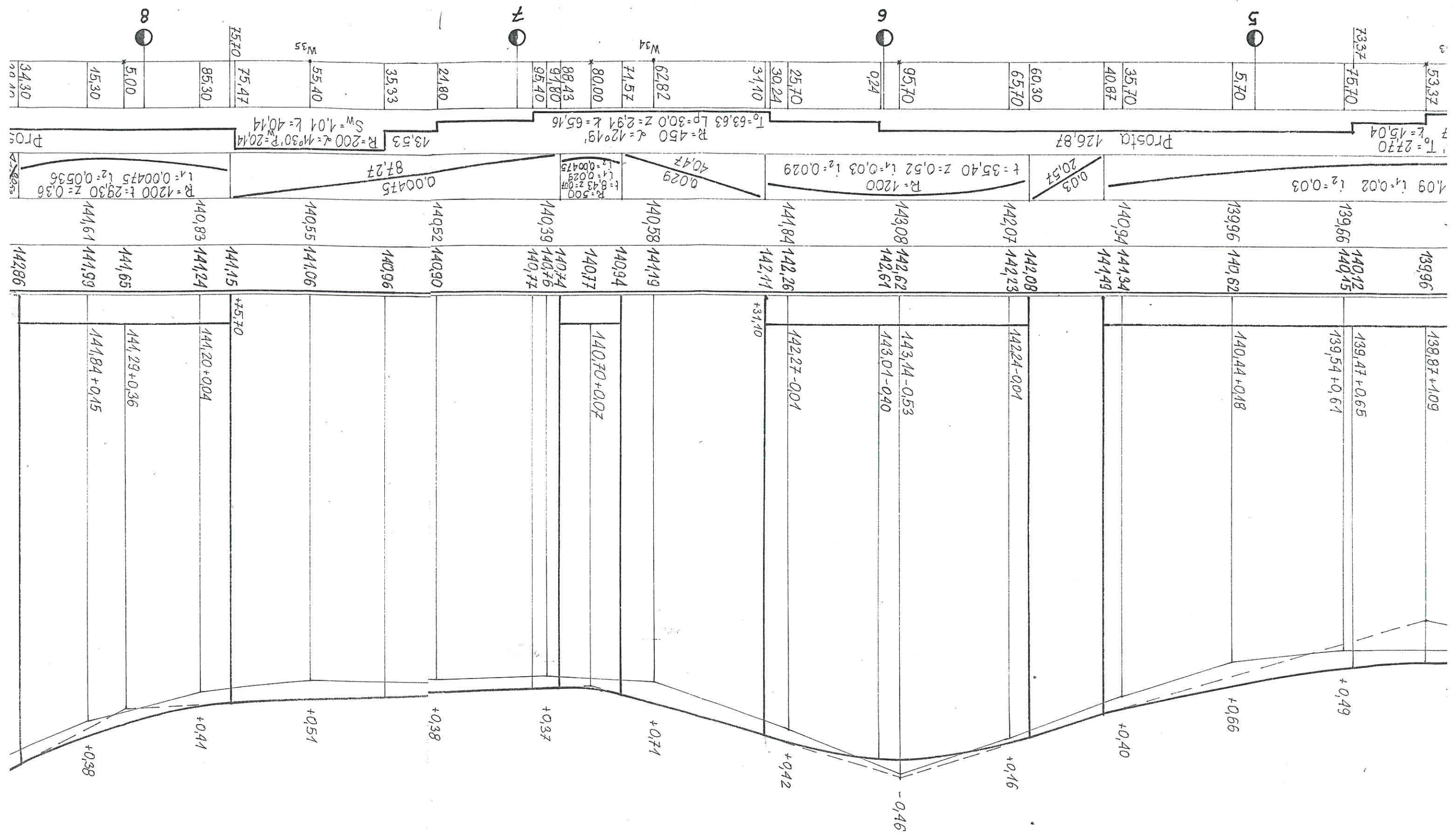
$R = 1000$ $t = 35,80$ $Z = 0,64$ $t = 35,80$ $i_a = 0,0516$ $i_z = 0,02$

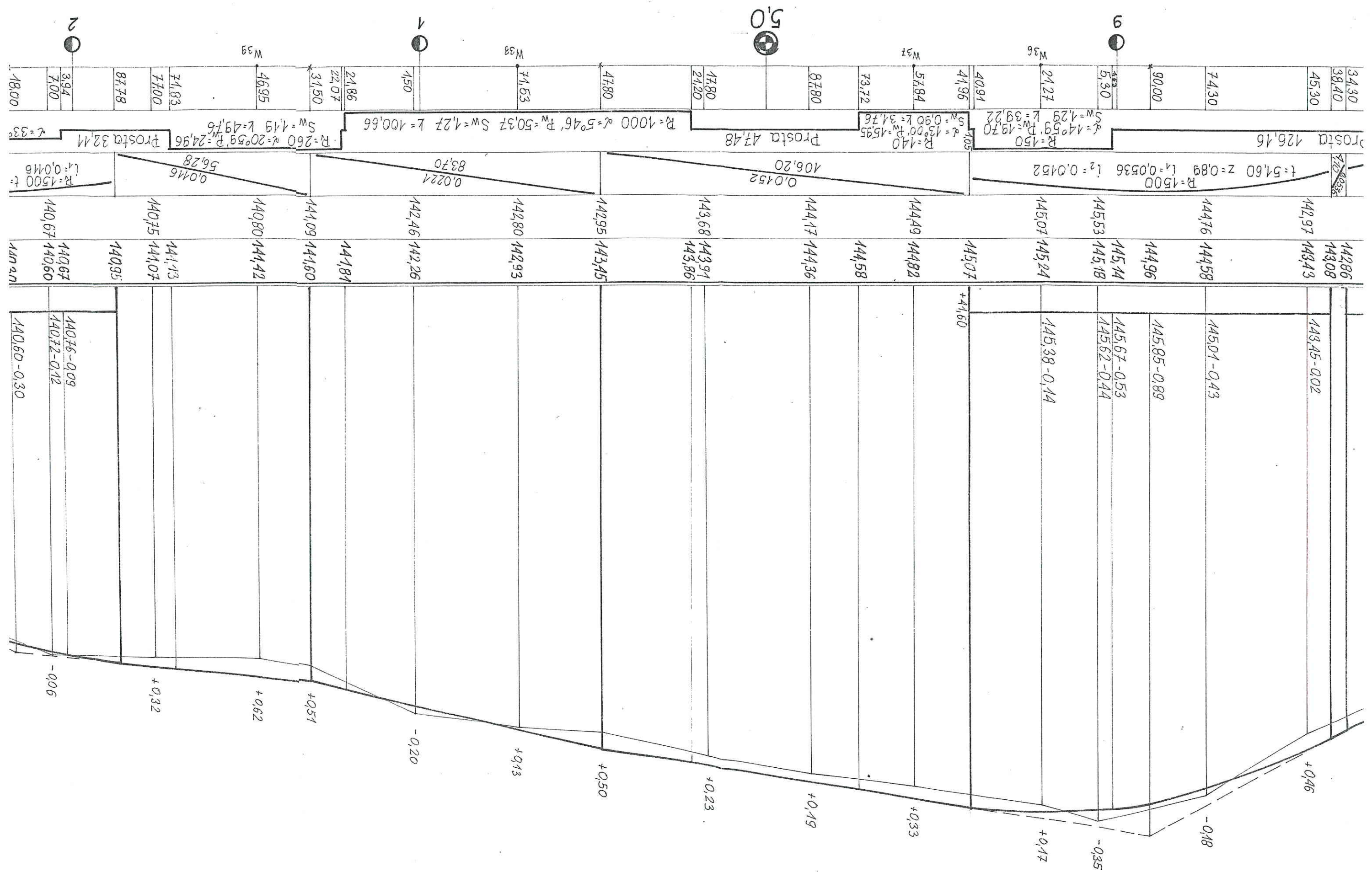
$R = 170$ $t = 88,07$ $Z = 0,02$

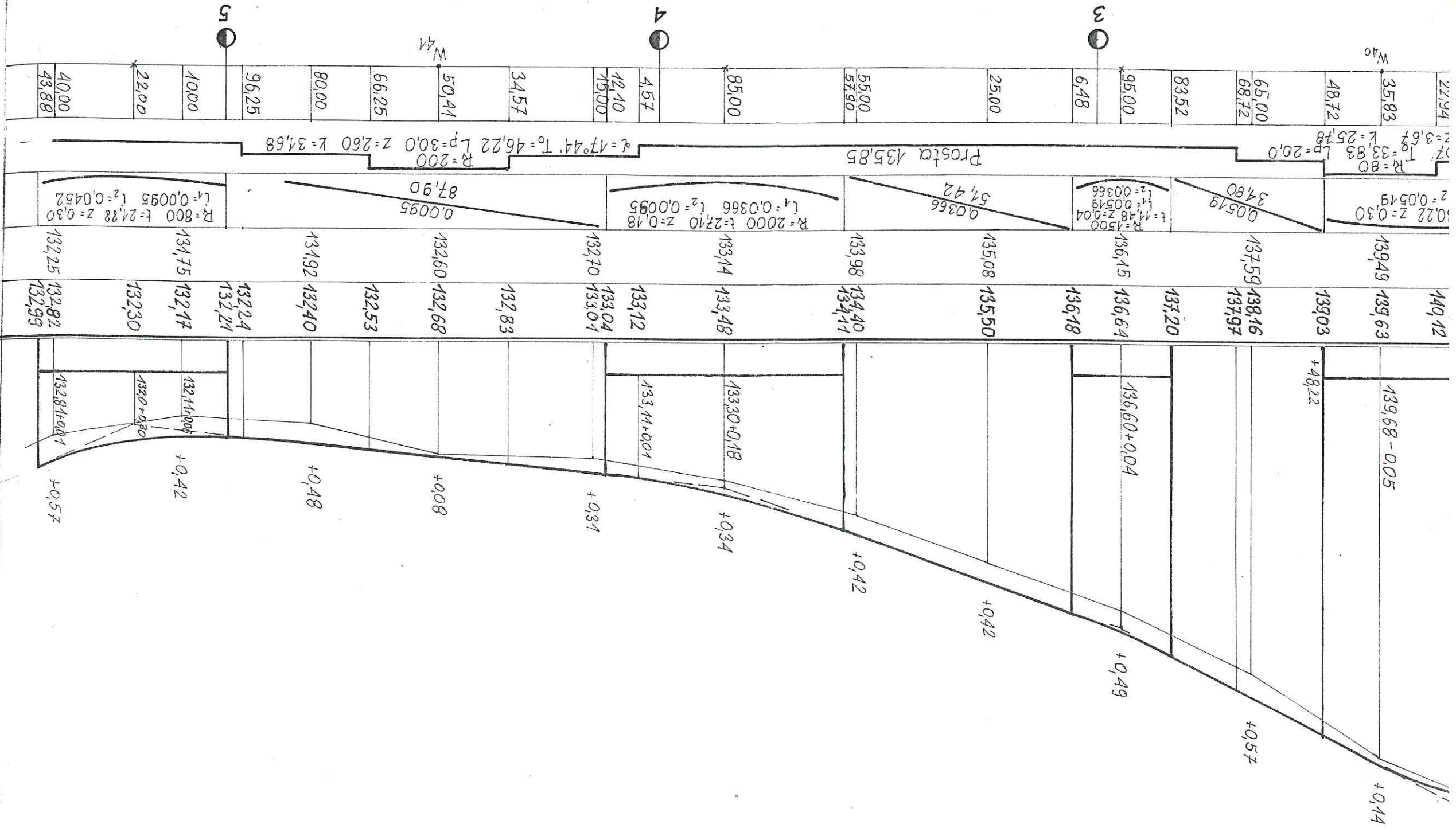
$R = 110$ $t = 110$ $R = 1059$ $t = 1059$ $L_p = 24,12$

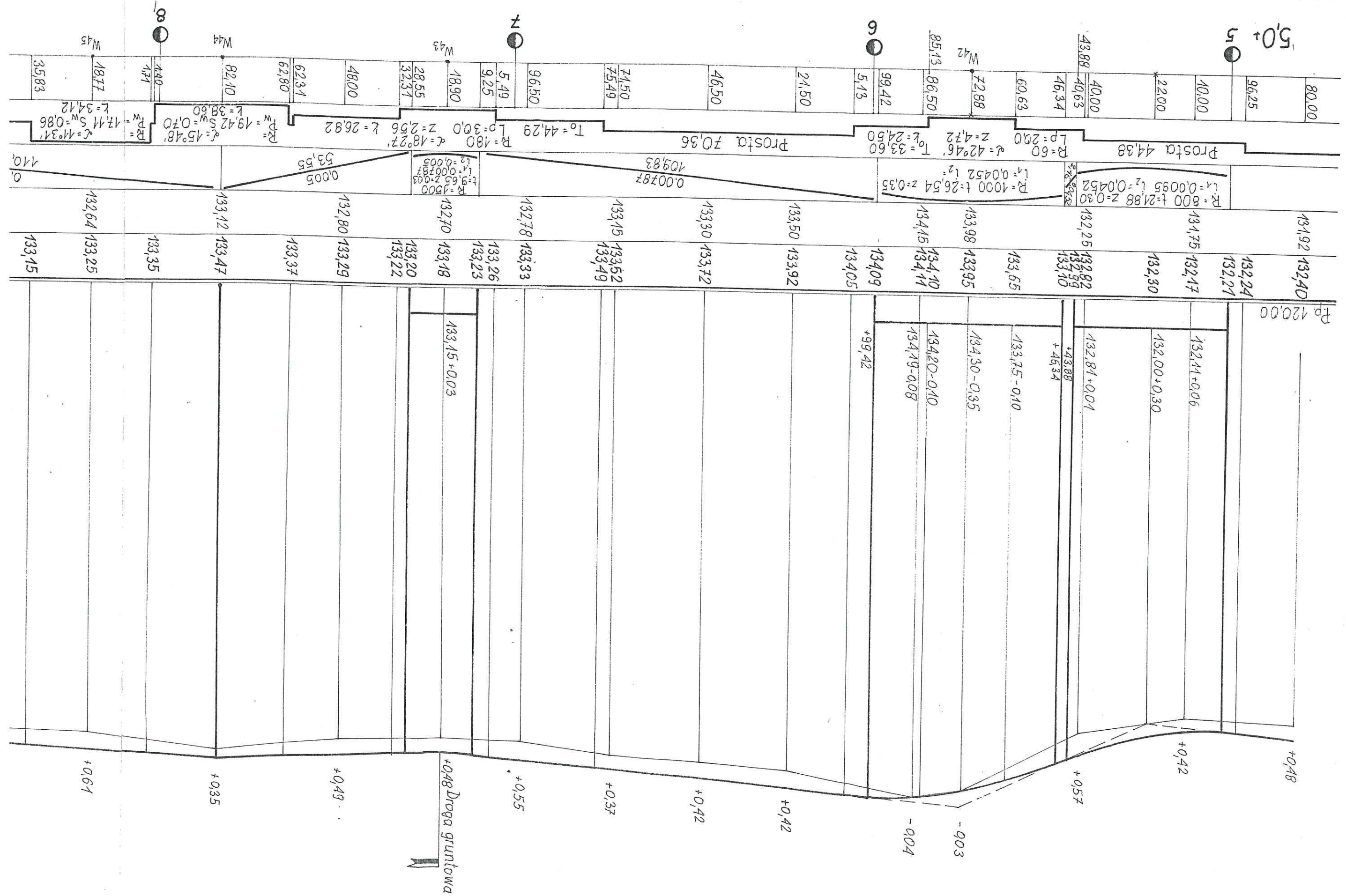
$R = 120$ $\epsilon = 16^{\circ}47'$ $T_0 = 20,0$ $Z = 1,47$

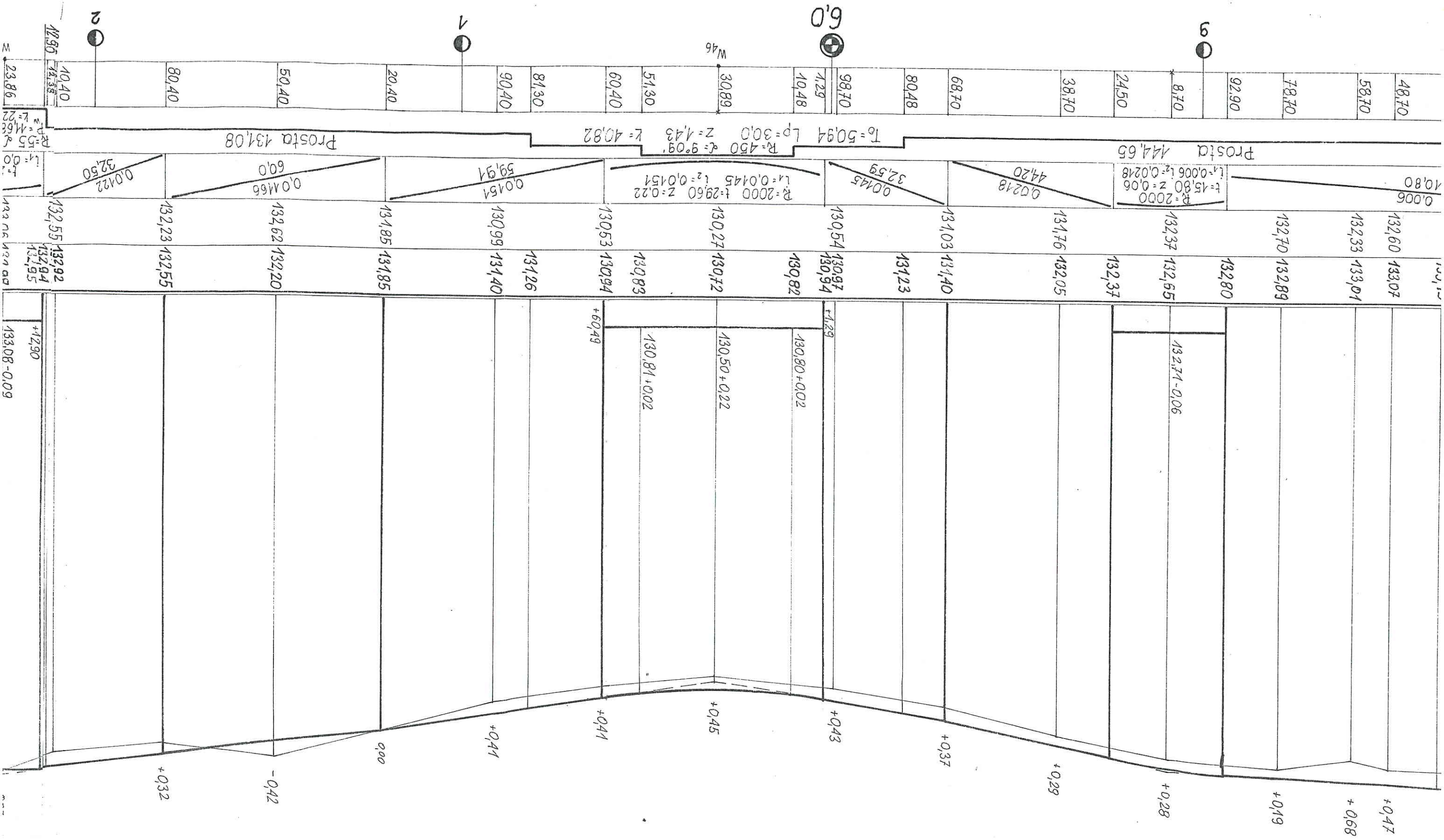
$R = 3500$ $t = 87,50$ $Z = 1,09$







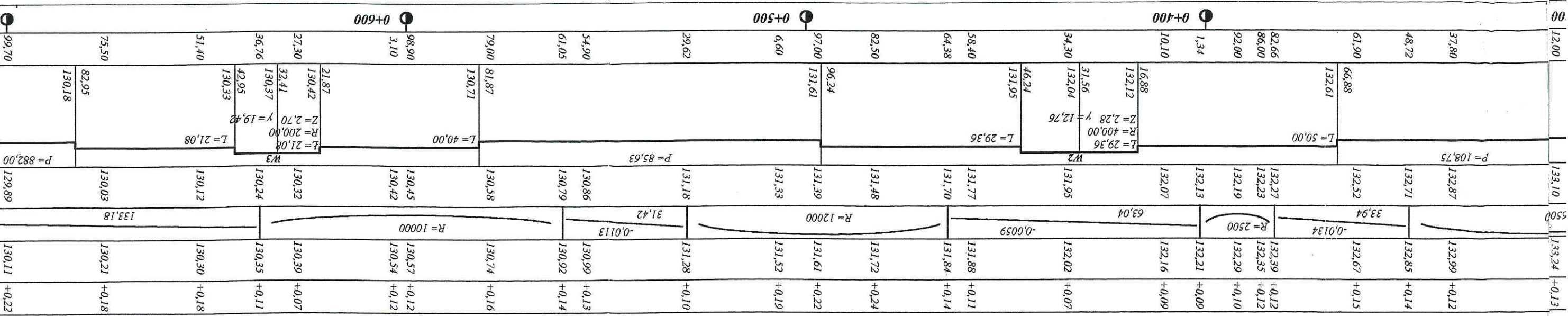






PROFIL PODŁUŻNY

do projektu budowlano-wykonawczego
przebudowy drogi powiatowej Nr 1720 N
od drogi krajowej Nr 63 (Miłki) – Marcinowa Wola – Cierzpięty – Orzysz
dot. odcinka od km od km 15+555,06 do km 20+425,65

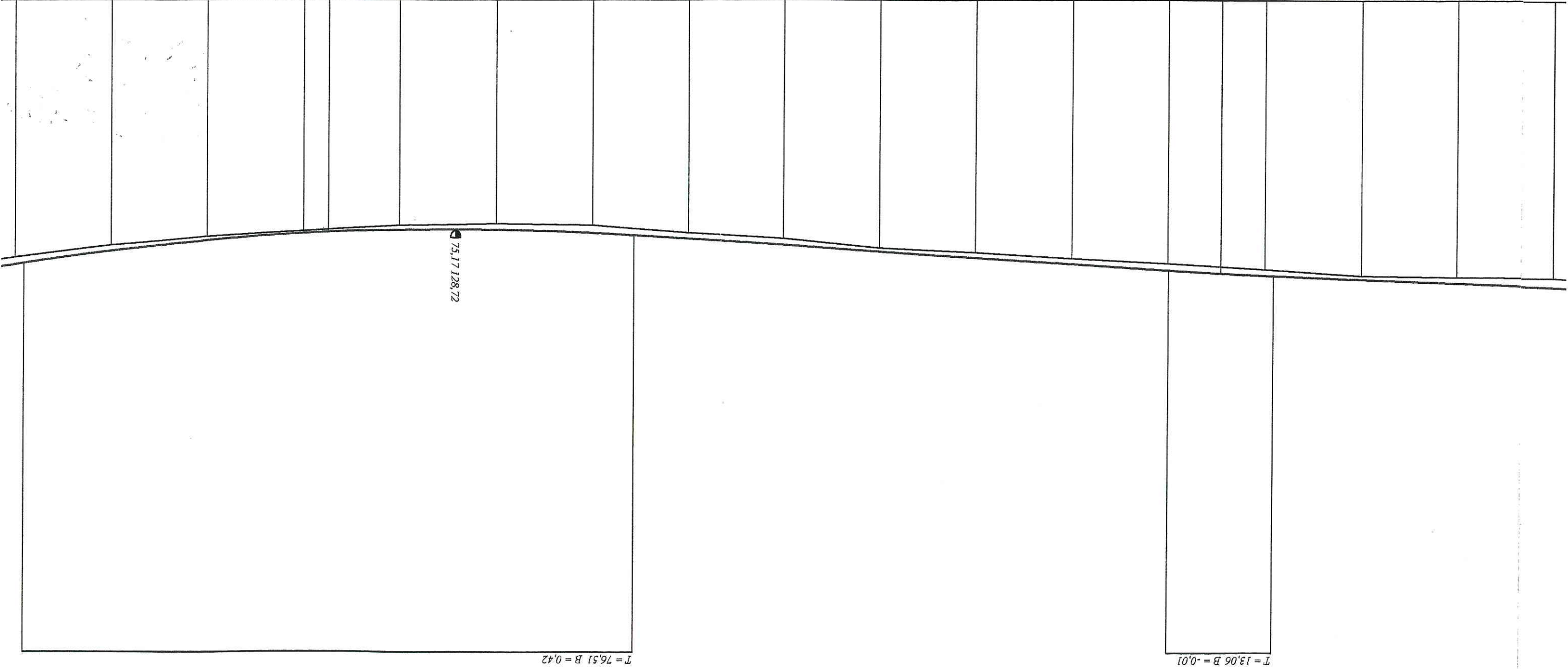


$T = 9.34$ $B = 0.02$

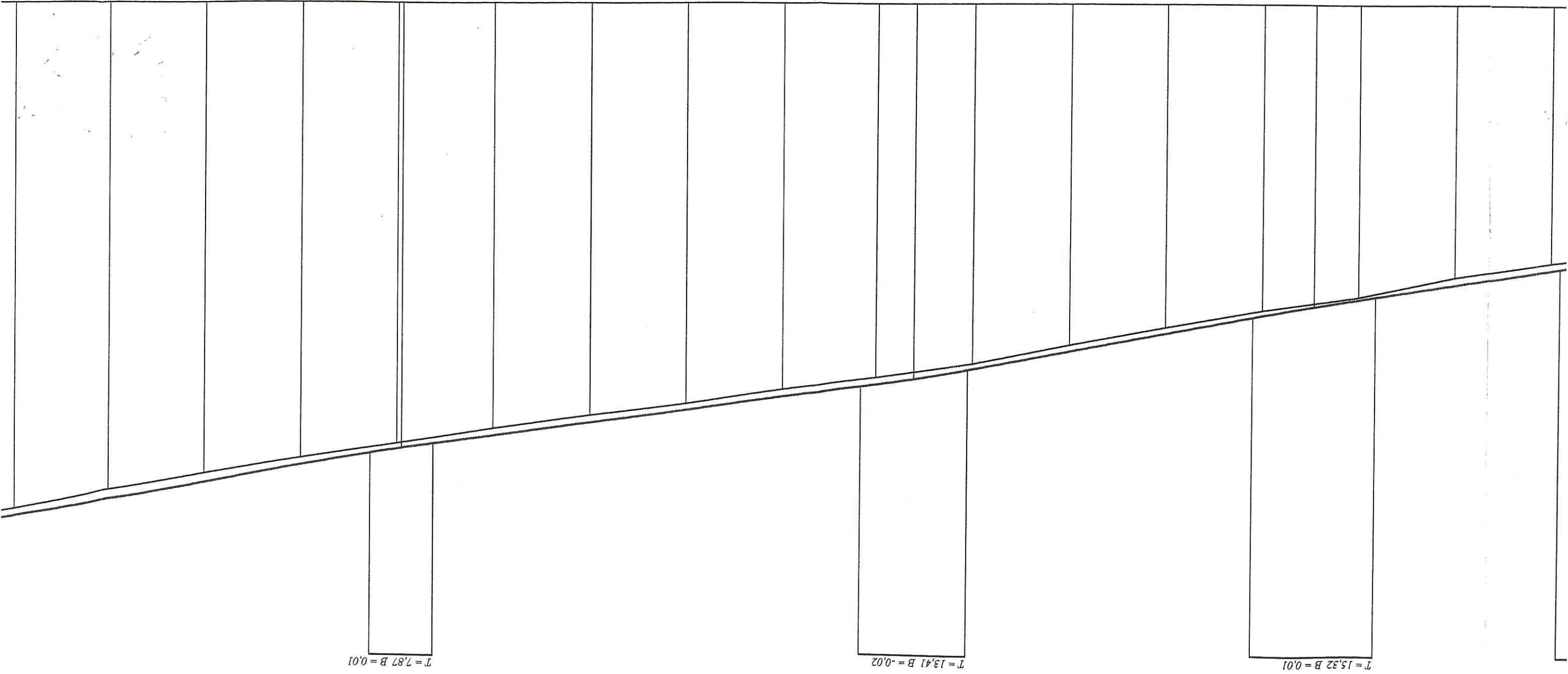
$T = 32.62$ $B = -0.04$

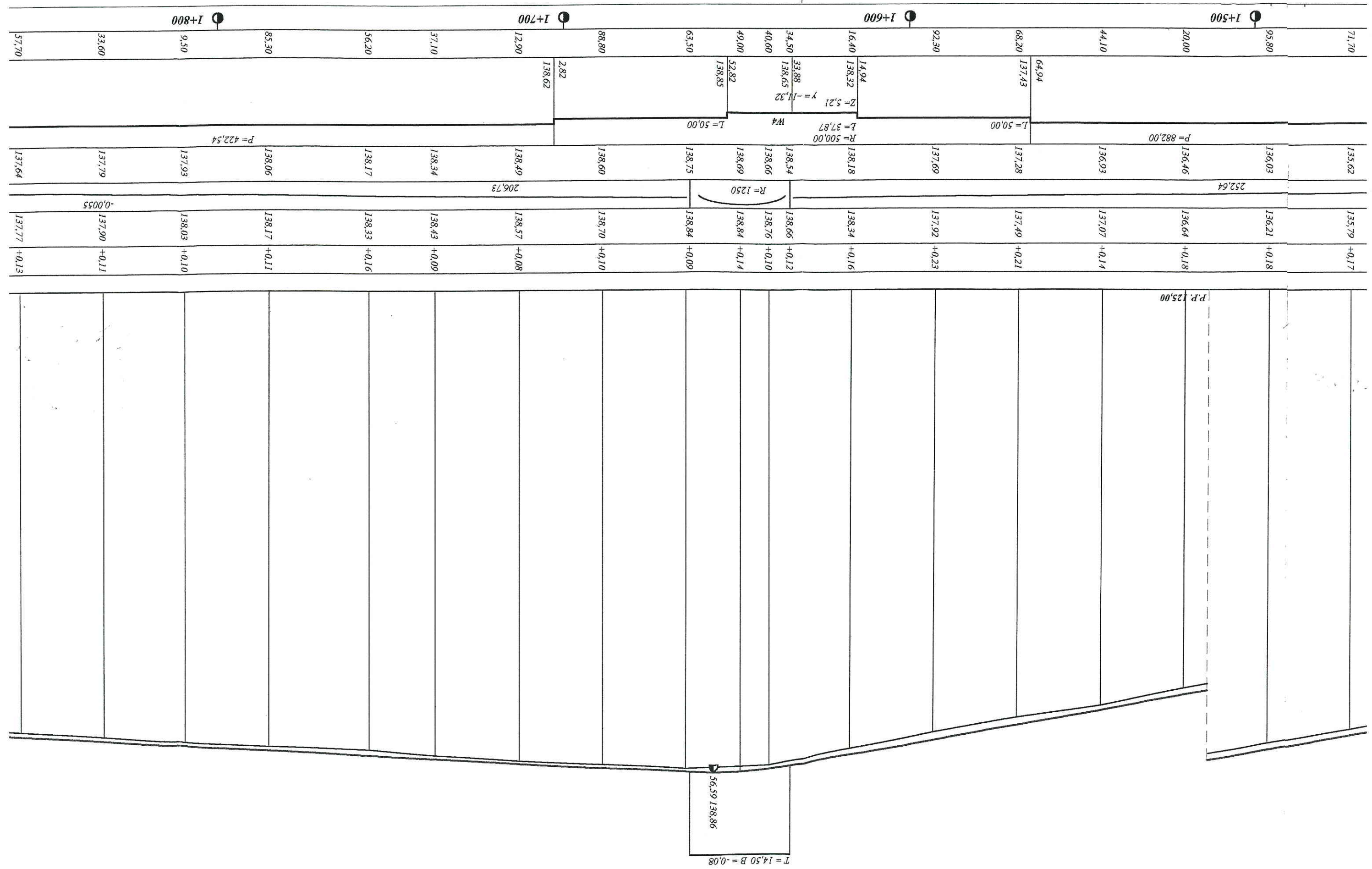
$T = 37.86$ $B = 0.07$

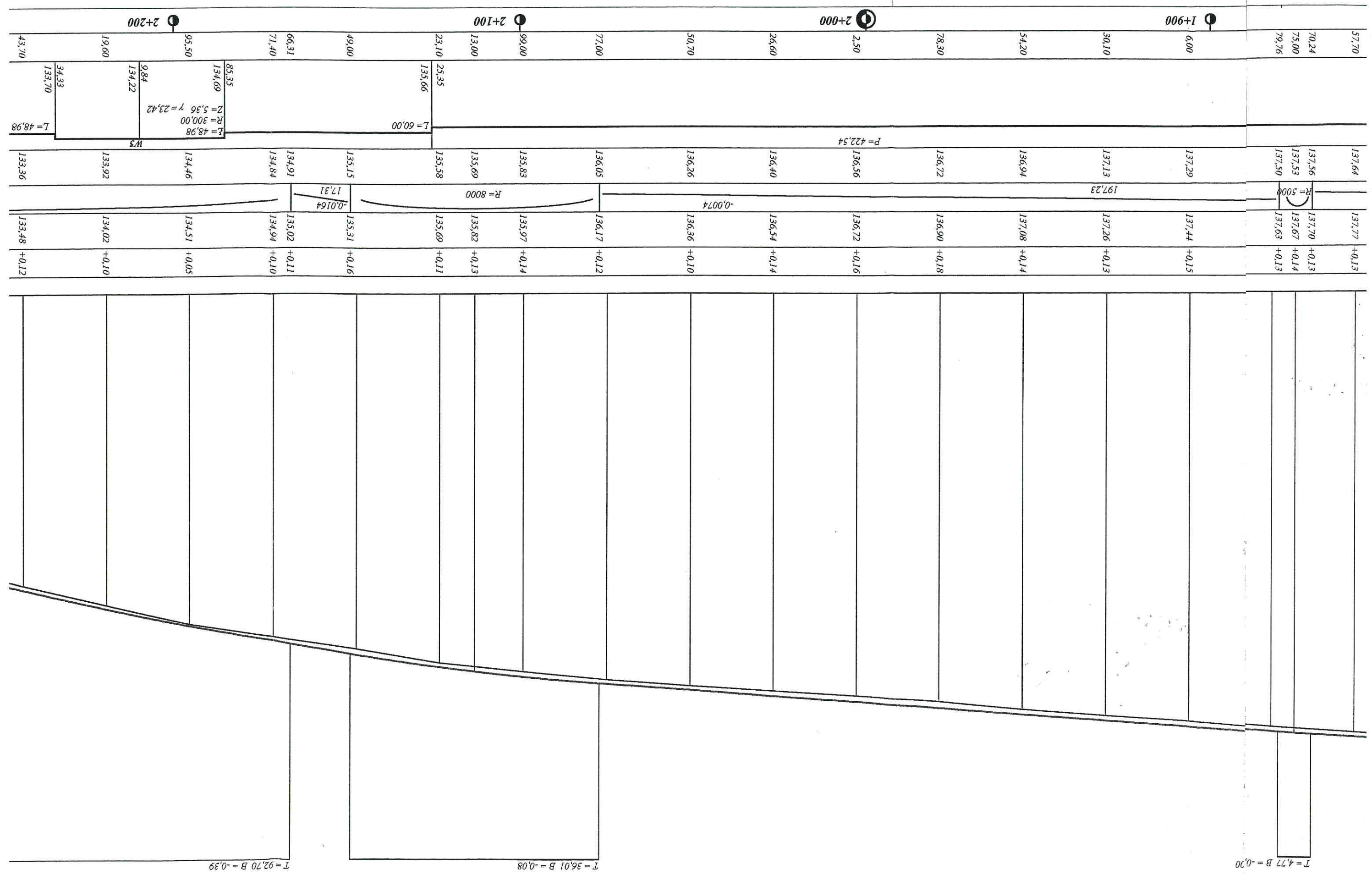
99,70	129,89	130,11	+0,22
23,80	129,88	130,02	+0,14
47,90	129,85	129,93	+0,08
69,94	129,71	129,85	+0,14
83,00	129,63	129,79	+0,16
96,06	129,55	129,72	+0,17
20,30	129,43	129,56	+0,13
44,40	129,28	129,41	+0,13
68,50	129,17	129,25	+0,08
92,70	128,95	129,10	+0,15
16,80	128,81	128,95	+0,14
30,49	128,70	128,86	+0,16
40,90	128,61	128,80	+0,19
65,00	128,58	128,72	+0,14
89,20	128,62	128,73	+0,11
7,00	128,73	128,79	+0,06
13,30	128,77	128,82	+0,05
37,40	128,90	128,99	+0,09
61,60	129,11	129,25	+0,14
83,50	129,39	129,55	+0,16

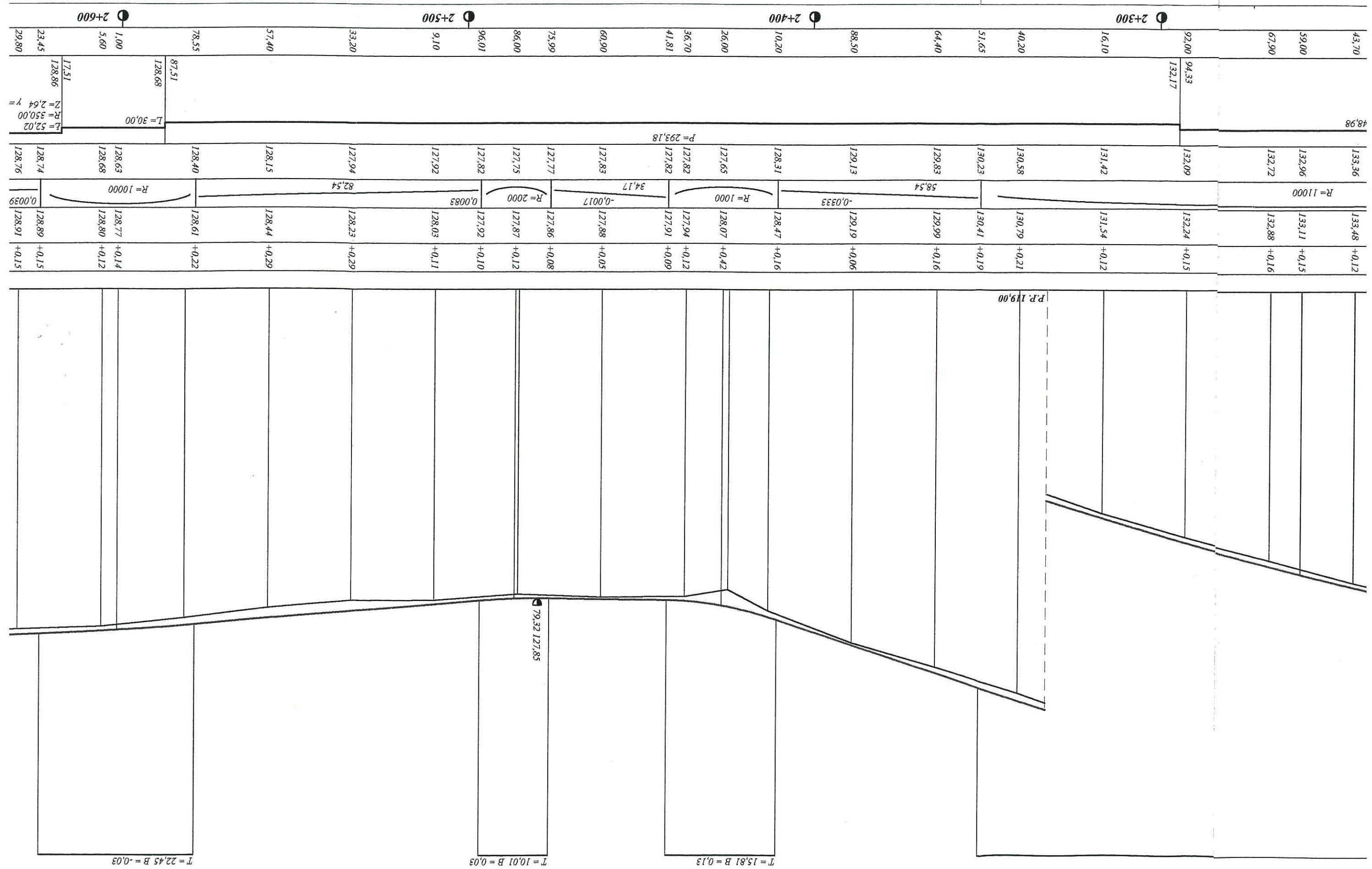


Station		Elevation		Grade	
I+100	9.80	129.78	129.55	+0.18	<div> <div>0.0155</div> <div>46.18</div> <div>R = 10000</div> <div>0.0185</div> <div>71.28</div> <div>R = 5000</div> <div>0.0132</div> <div>107.73</div> <div>P = 882.00</div> </div>
	29.68	130.19	130.27	+0.08	
	33.90	130.28	130.33	+0.05	
	45.00	130.44	130.52	+0.08	
	60.32	130.67	130.79	+0.12	
	82.20	131.05	131.20	+0.15	
	6.30	131.49	131.64	+0.15	
	31.59	131.98	132.11	+0.13	
	45.00	132.18	132.34	+0.16	
	54.60	132.32	132.49	+0.17	
I+200	58.41	132.37	132.54	+0.17	
	78.70	132.63	132.80	+0.17	
	2.80	132.97	133.12	+0.15	
	26.90	133.27	133.44	+0.17	
	51.10	133.59	133.76	+0.17	
	66.14	133.82	133.96	+0.14	
	74.00	133.94	134.07	+0.13	
	81.86	134.07	134.20	+0.13	
	99.30	134.34	134.51	+0.17	
	23.40	134.71	134.93	+0.22	
I+300	47.60	135.14	135.36	+0.22	
	71.70	135.62	135.79	+0.17	

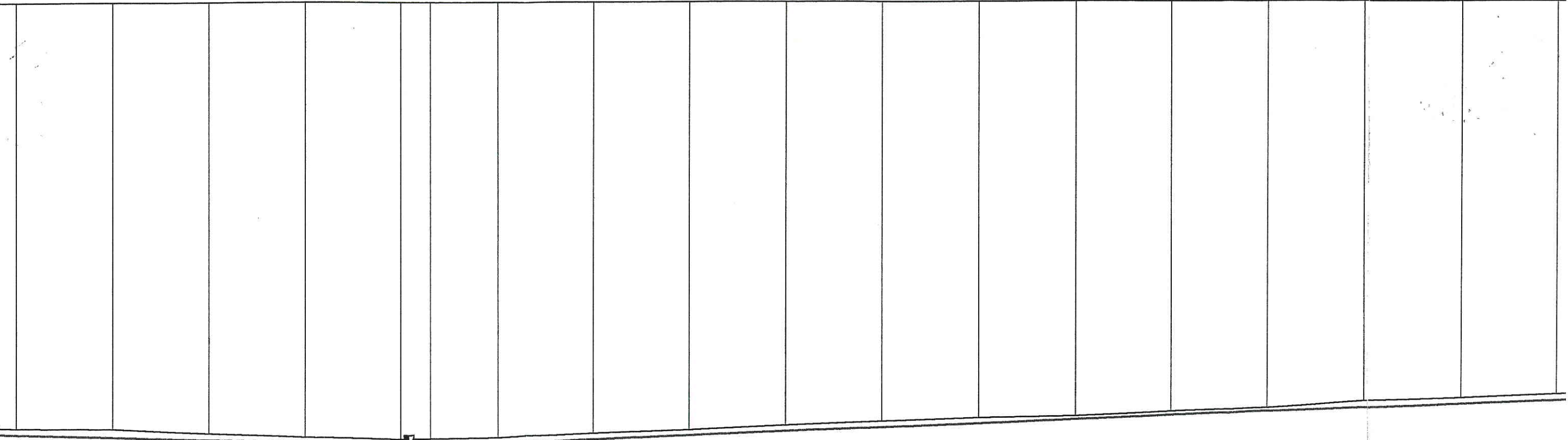






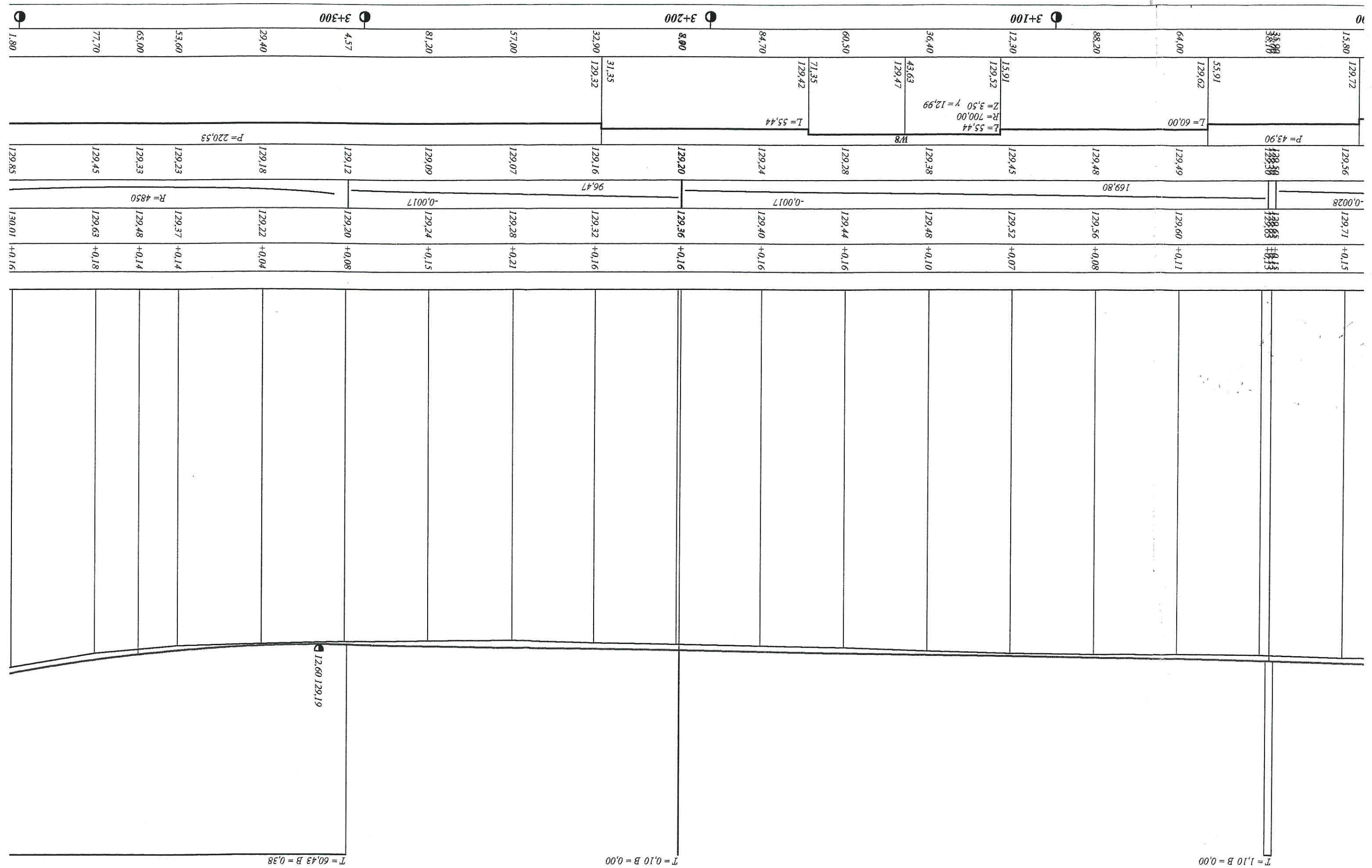


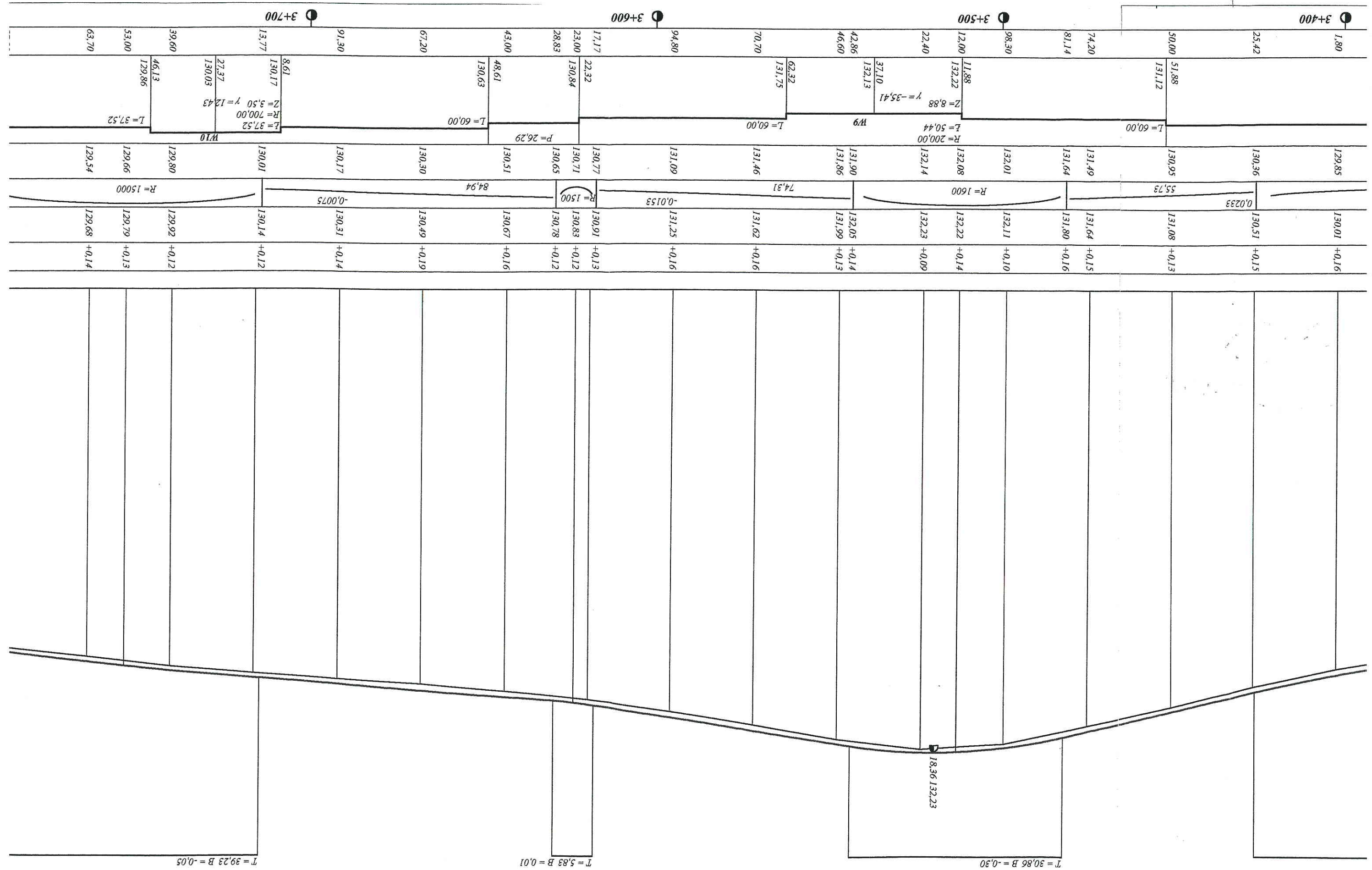
29.80	43.52 128.96	70	128.76	128.91	+0.15
53.90	69.53 129.06	W6	128.86	129.00	+0.14
78.00	99.53 129.18	L = 52.02	128.94	129.10	+0.16
2+700	2.10		129.11	129.19	+0.08
26.30			129.20	129.28	+0.08
50.40			129.30	129.38	+0.08
74.50		P = 170.64	129.33	129.47	+0.14
98.60			129.42	129.56	+0.14
2+800			129.52	129.66	+0.14
46.90			129.62	129.75	+0.13
71.00	70.17 129.84	L = 40.00	129.70	129.84	+0.14
78.71			129.73	129.87	+0.14
95.10			129.80	129.92	+0.12
2+900			129.83	129.94	+0.12
12.00	10.17 129.94	R = 350.00	129.84	129.95	+0.11
19.30		Z = 3.97 L = 61.84 γ = -18.65	129.79	129.91	+0.12
45.29	41.09 129.92	W7	129.69	129.84	+0.15
67.50	72.01 129.83	L = 40.00	129.58	129.78	+0.20
91.70	12.01 129.72		129.56	129.71	+0.15
15.80					



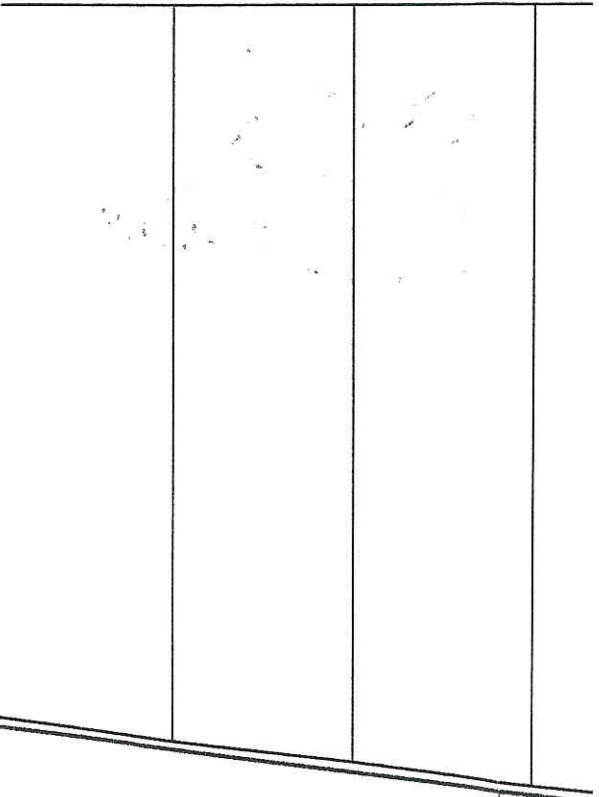
17.29 129.95

T = 33.29 B = -0.06



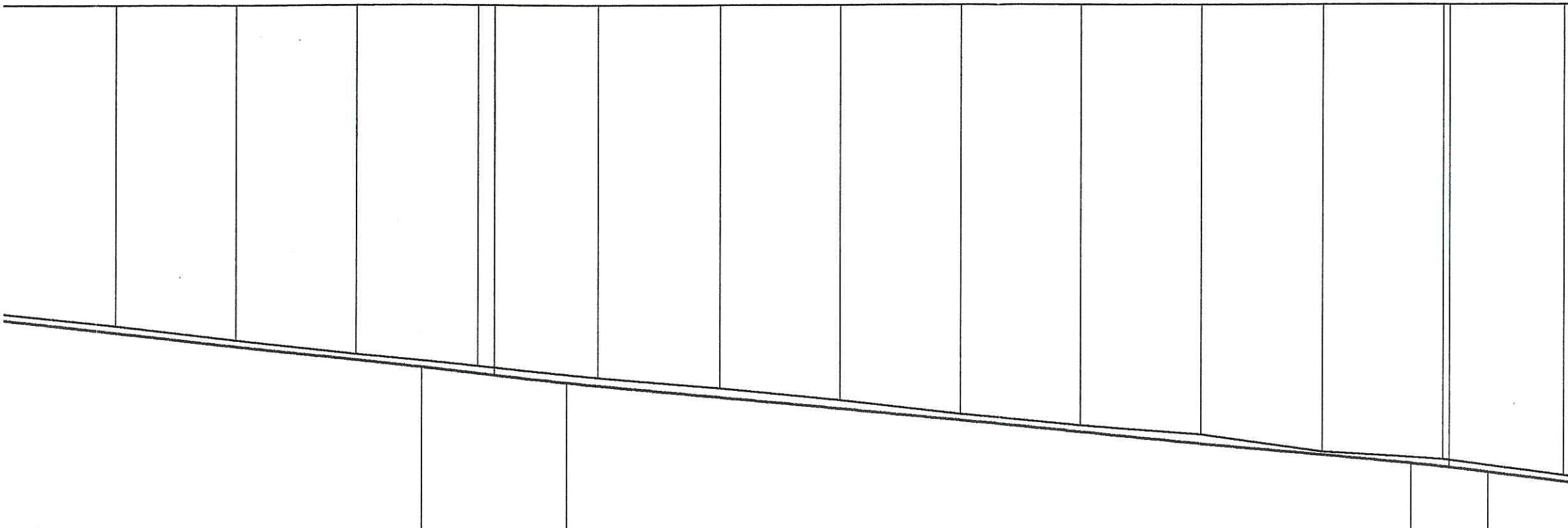


87,80	129,28	129,39	+0,11
92,23	129,22	129,34	+0,12
11,90	128,96	129,09	+0,13
36,00	128,68	128,78	+0,10



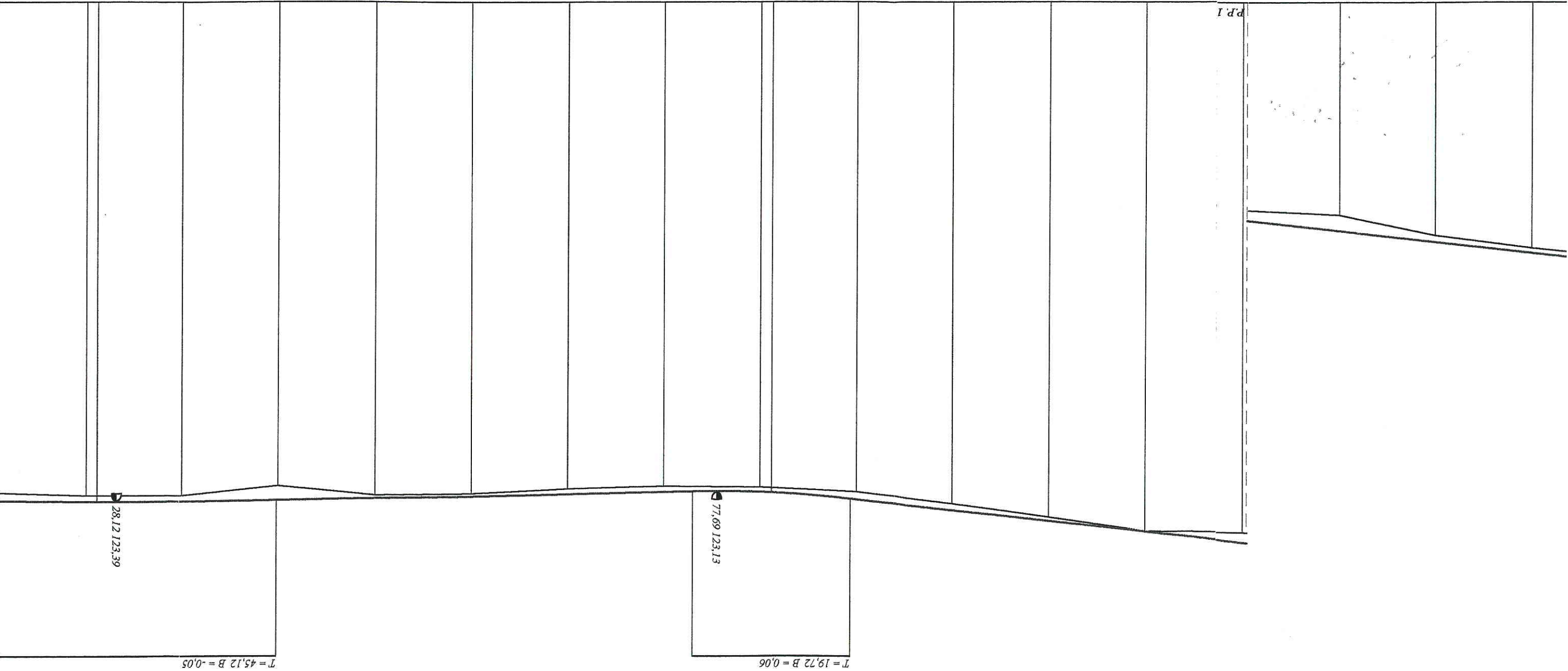
$T = 7,71$ $B = 0,01$
 $T = 14,52$ $B = -0,01$

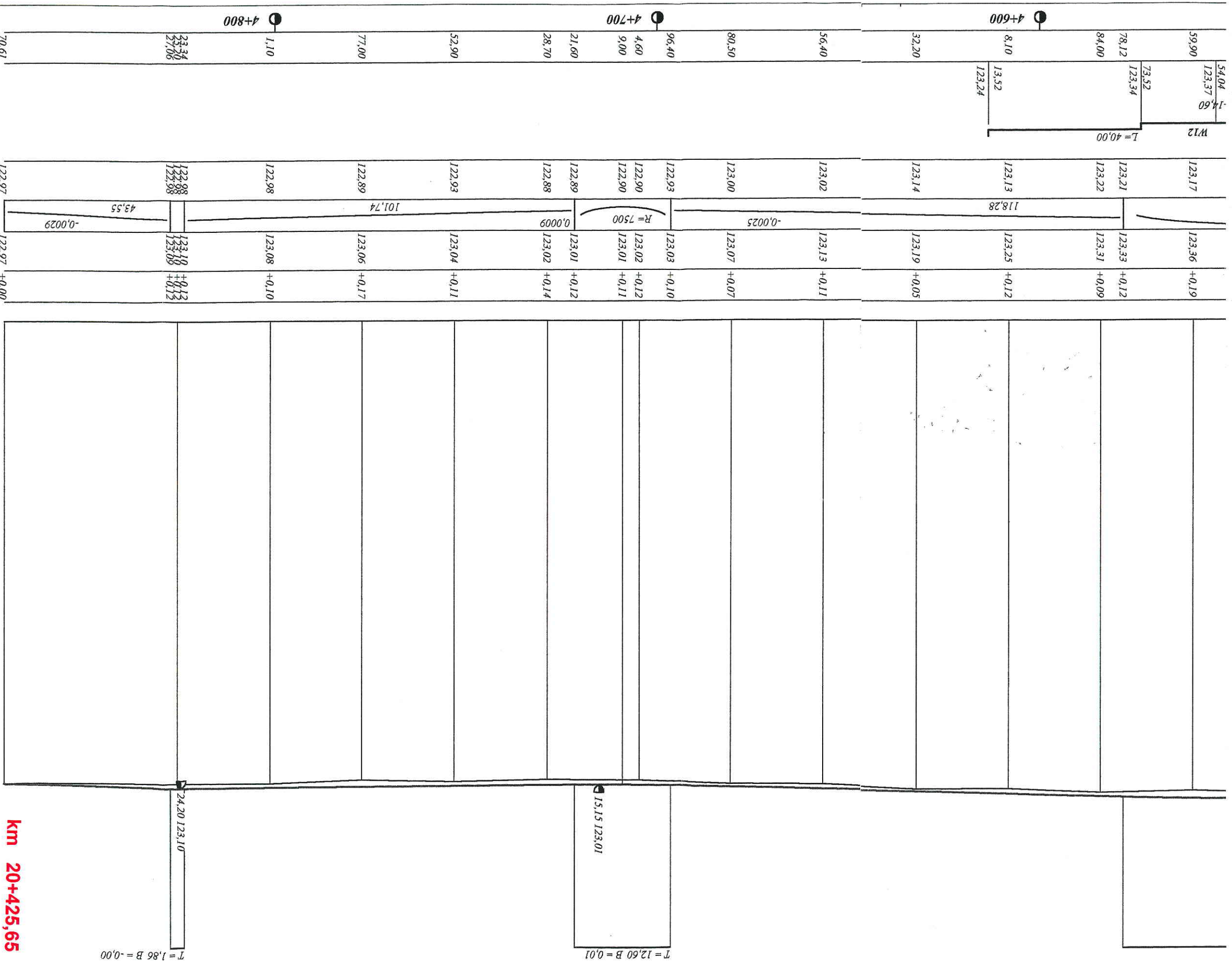
60,20	128,35	128,47	+0,12
75,29	128,15	128,28	+0,13
83,00	128,05	128,19	+0,14
90,71	127,99	128,11	+0,12
8,40	127,88	127,93	+0,05
32,50	127,52	127,70	+0,18
56,70	127,35	127,47	+0,12
80,80	127,12	127,23	+0,11
4,90	126,84	127,00	+0,16
29,00	126,59	126,77	+0,18
53,20	126,38	126,53	+0,15
59,48	126,32	126,47	+0,15
74,00	126,18	126,32	+0,14
77,30	126,15	126,29	+0,14
88,52	126,04	126,17	+0,12
1,50	125,92	126,02	+0,10
25,60	125,64	125,76	+0,12
49,70	125,36	125,49	+0,13



$T = 7,71$ $B = 0,01$
 $T = 14,52$ $B = -0,01$

73.80	125.10	125.22	+0.12
46.20	124.17	124.41	+0.24
22.10	124.29	124.68	+0.39
98.00	124.79	124.95	+0.16
L=30.00			
70.30	124.14	124.14	+0.00
94.50	123.79	123.87	+0.08
L=43.78 R=250.00 Z=2.90 γ=18.76			
18.60	123.45	123.61	+0.16
44.28	123.14	123.32	+0.18
64.00	123.05	123.16	+0.11
83.72	123.03	123.14	+0.11
91.00	123.02	123.15	+0.13
15.10	123.08	123.20	+0.12
39.20	123.19	123.25	+0.06
63.30	123.23	123.30	+0.07
87.88	123.00	123.35	+0.35
11.60	123.25	123.38	+0.13
33.00	123.25	123.39	+0.14
R=350.00 L=38.96 Z=2.51 γ=-14.66			
54.04	123.37		





km 20+425,65