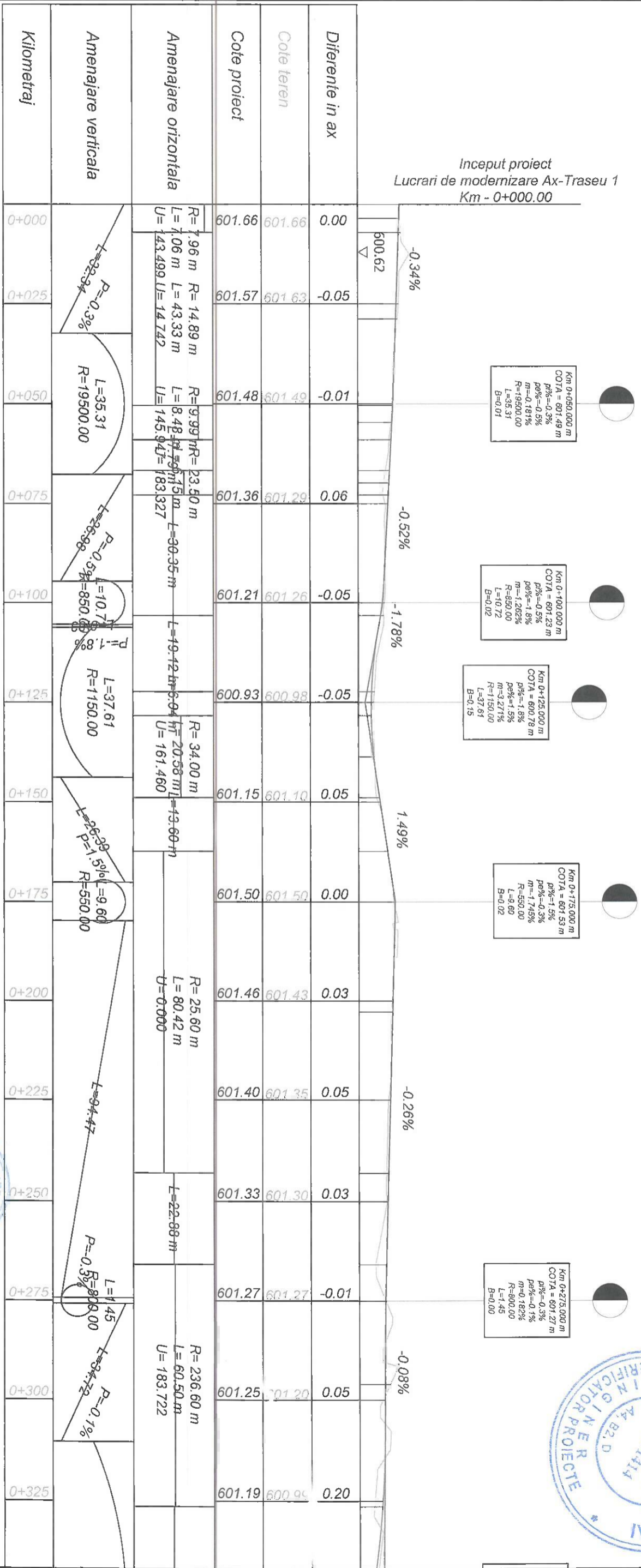


Inceput proiect
Lucrari de modernizare Ax-Traseu 1
Km - 0+000.00



Km 0+050.000 m
COTA = 601.49 m
p₁% = -0.3%
p₂% = -0.5%
m = 0.181%
R = 19500.00
L = 35.31
B = 0.01

Km 0+100.000 m
COTA = 601.23 m
p₁% = -0.5%
p₂% = -1.6%
m = 1.262%
R = 650.00
L = 10.72
B = 0.02

Km 0+125.000 m
COTA = 600.78 m
p₁% = 1.8%
p₂% = 1.5%
m = 3.271%
R = 150.00
L = 37.61
B = 0.15

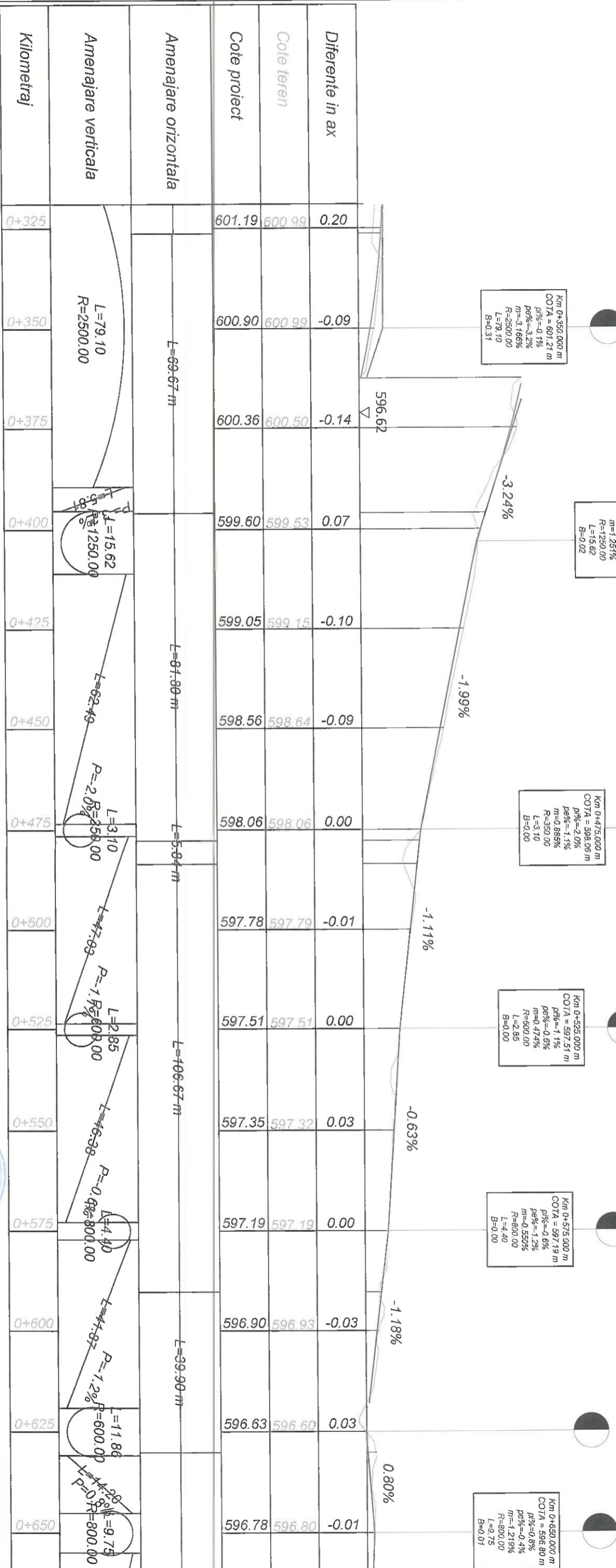
Km 0+175.000 m
COTA = 601.53 m
p₁% = 1.5%
p₂% = -0.3%
m = -1.745%
R = 550.00
L = 9.60
B = 0.02

Km 0+275.000 m
COTA = 601.27 m
p₁% = -0.3%
p₂% = -0.1%
m = 0.182%
R = 600.00
L = 1.45
B = 0.00



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		Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	
Self Proiect Proiectat Desenat Verificat	Ing. A. Buta Ing. A. Buta Ing. S. Patroi	Scara 1:1000/1:100 Data 07/2023	Nr. proiect 73 / 2020 Faza P.T. Nr. planşa PL 01



Diferente in ax	Cote teren	Cote proiect
0.20	601.19	600.99
-0.09	600.90	600.99
-0.14	600.36	600.50
0.07	599.60	599.53
-0.10	599.05	599.15
-0.09	598.56	598.64
0.00	598.06	598.06
-0.01	597.78	597.79
0.00	597.51	597.51
0.03	597.35	597.32
0.00	597.19	597.19
-0.03	596.90	596.93
0.03	596.63	596.60
-0.01	596.78	596.80

Amenajare orizontala	Amenajare verticala	Kilometraj
L=69.67 m	L=79.10 R=2500.00	0+325
		0+350
		0+375
	L=15.62 R=1250.00	0+400
L=81.88 m		0+425
	L=62.49 R=2500.00	0+450
L=5.84 m		0+475
	L=31.10 R=2500.00	0+500
L=106.67 m		0+525
	L=21.85 R=800.00	0+550
	L=46.38 R=800.00	0+575
	L=4.40 R=800.00	0+600
L=39.90 m		0+625
	L=11.86 R=800.00	0+650

Km 0+350.000 m
 COTA = 601.21 m
 pi% = -0.1%
 pe% = -3.2%
 m = 3.166%
 R = 2500.00
 L = 79.10
 B = 0.31

Km 0+403.133 m
 COTA = 599.49 m
 pi% = -3.2%
 pe% = -2.0%
 m = 1.251%
 R = 1250.00
 L = 15.62
 B = 0.02

Km 0+475.000 m
 COTA = 598.06 m
 pi% = -2.0%
 pe% = -1.1%
 m = 0.859%
 R = 350.00
 L = 31.10
 B = 0.00

Km 0+525.000 m
 COTA = 597.51 m
 pi% = -1.1%
 pe% = -0.9%
 m = 0.474%
 R = 600.00
 L = 2.85
 B = 0.00

Km 0+575.000 m
 COTA = 597.19 m
 pi% = -0.6%
 pe% = 1.2%
 m = 0.550%
 R = 800.00
 L = 4.40
 B = 0.00

Km 0+625.000 m
 COTA = 596.60 m
 pi% = 1.2%
 pe% = 0.8%
 m = 1.976%
 R = 600.00
 L = 11.86
 B = 0.03

Km 0+650.000 m
 COTA = 596.80 m
 pi% = -0.4%
 pe% = -0.4%
 m = 1.219%
 R = 800.00
 L = 8.75
 B = 0.01

HENTZA BUSINESS

ING. A. BUTA

ING. S. PATROI

MUNICIPIUL BRASOV
Bulevardul Eroilor 8, Brasov 500007

PROFIL LONGITUDINAL TRASEUL 1

Beneficiar: **MUNICIPIUL BRASOV**

Nr. proiect: **73 / 2020**

Faza: **P.T.**

Titlu planșă: **PROFIL LONGITUDINAL TRASEUL 1**

Nr. planșă: **PL 02**

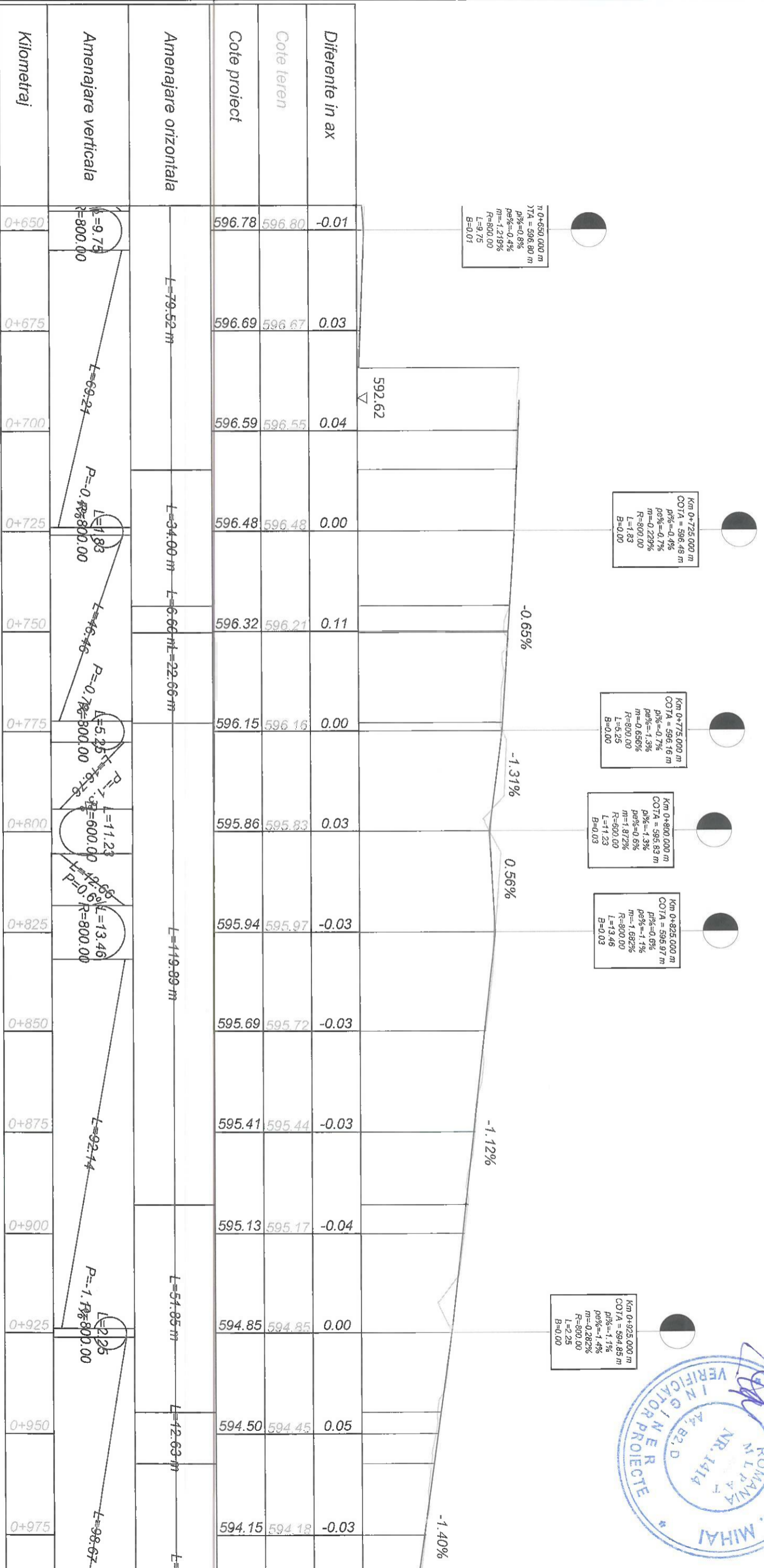
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Data: **07/2023**

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n 0+650.000 m
 I_TA = 596.80 m
 p₁% = -0.8%
 p₂% = -0.4%
 m = 1.219%
 R = 800.00
 L = 9.75
 B = 0.01

Km 0+725.000 m
 COT_A = 596.48 m
 p₁% = -0.4%
 p₂% = -0.7%
 m = 0.229%
 R = 800.00
 L = 1.83
 B = 0.00

Km 0+775.000 m
 COT_A = 596.16 m
 p₁% = -0.7%
 p₂% = -1.3%
 m = -0.656%
 R = 800.00
 L = 5.25
 B = 0.00

Km 0+800.000 m
 COT_A = 595.83 m
 p₁% = -1.3%
 p₂% = -0.5%
 m = 1.872%
 R = 600.00
 L = 11.23
 B = 0.03

Km 0+825.000 m
 COT_A = 595.97 m
 p₁% = -0.6%
 p₂% = -1.1%
 m = 1.682%
 R = 800.00
 L = 13.46
 B = 0.03

Km 0+925.000 m
 COT_A = 594.85 m
 p₁% = -1.1%
 p₂% = -1.4%
 m = -0.282%
 R = 800.00
 L = 2.25
 B = 0.00



Kilometraj	Cote proiect		Diferente in ax
	596.78	596.80	
0+650	596.69	596.67	-0.01
0+675	596.59	596.55	0.03
0+700	596.48	596.48	0.00
0+725	596.32	596.21	0.11
0+750	596.15	596.16	0.00
0+775	595.86	595.83	0.03
0+800	595.94	595.97	-0.03
0+825	595.69	595.72	-0.03
0+850	595.41	595.44	-0.03
0+875	595.13	595.17	-0.04
0+900	594.85	594.85	0.00
0+925	594.50	594.45	0.05
0+950	594.15	594.18	-0.03

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Beneficiar: **MUNICIPIUL BRASOV**
Bulevardul Eroilor 8, Brasov 500007

Nr. proiect: 73 / 2020

Faza: P.T.

Nr. planşa: PL 03

Beneficiar: **HENTZA BUSINESS S.R.L.**
Societate cu raspundere limitata

Proiectat: Ing. A. Buta

Desenat: Ing. S. Patroi

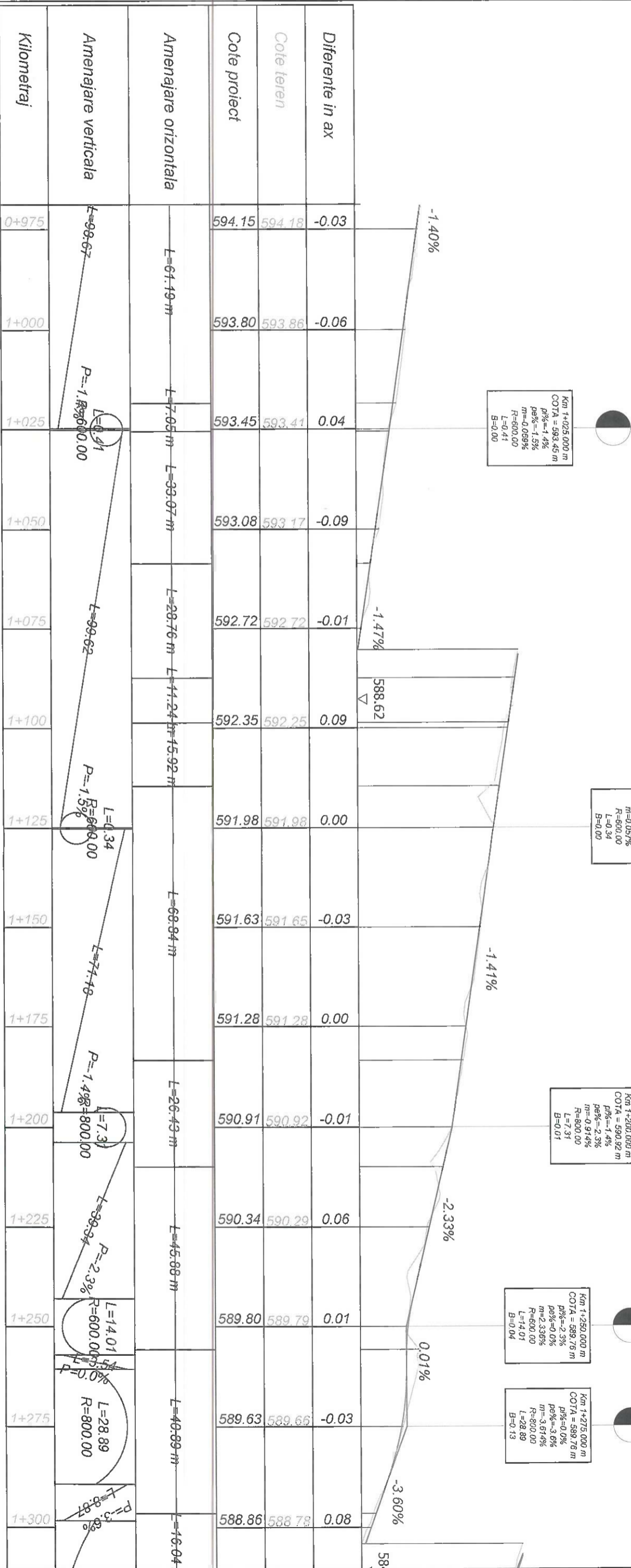
Scara: 1:1000/1:100

Data: 07/2023

Titlu proiect: AMENAJARE BENZI DEDICATE
TRANSPORTULUI PUBLIC IN MUNICIPIUL
BRASOV SI TROTUARE ADJACENTE

Titlu planşa: PROFIL LONGITUDINAL
TRASEUL 1

Verificat



Cote proiect	Cote teren		Diferente in ax
	594.15	594.18	
593.80	593.86	-0.06	
593.45	593.41	0.04	
593.08	593.17	-0.09	
592.72	592.72	-0.01	
592.35	592.25	0.09	
591.98	591.98	0.00	
591.63	591.65	-0.03	
591.28	591.28	0.00	
590.91	590.92	-0.01	
590.34	590.29	0.06	
589.80	589.79	0.01	
589.63	589.65	-0.03	
588.86	588.78	0.08	

Kilometraj	Amenajare orizontala		Amenajare verticala
	L=61.19 m	L=7.05 m	
1+000	L=39.07 m	L=11.24 m	L=98.67
1+025	L=28.76 m	L=15.92 m	L=0.41
1+050	L=68.94 m	L=74.48	P=-1.5%
1+075	L=26.43 m	L=7.31	R=600.00
1+100	L=45.88 m	L=39.94	P=-2.3%
1+125	L=40.89 m	L=14.01	R=600.00
1+150	L=16.04	L=28.89	R=800.00
1+175		L=8.87	P=-3.6%
1+200			
1+225			
1+250			
1+275			
1+300			

Index	Data	Observatii
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HENTZA BUSINESS S.R.L. ROMANIA

Beneficiar: **MUNICIPIUL BRASOV**
Bulevardul Eroilor 8, Brasov 500007

Titlu proiect: **AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE**

Proiectant: Ing. A. Buta
Desenat: Ing. S. Patroi

Scara: 1:1000/1:100
Data: 07/2023

Titlu planşa: **PROFIL LONGITUDINAL TRASEUL 1**

Nr. proiect: 73 / 2020
Faza P.T.
Nr. planşa PL 04



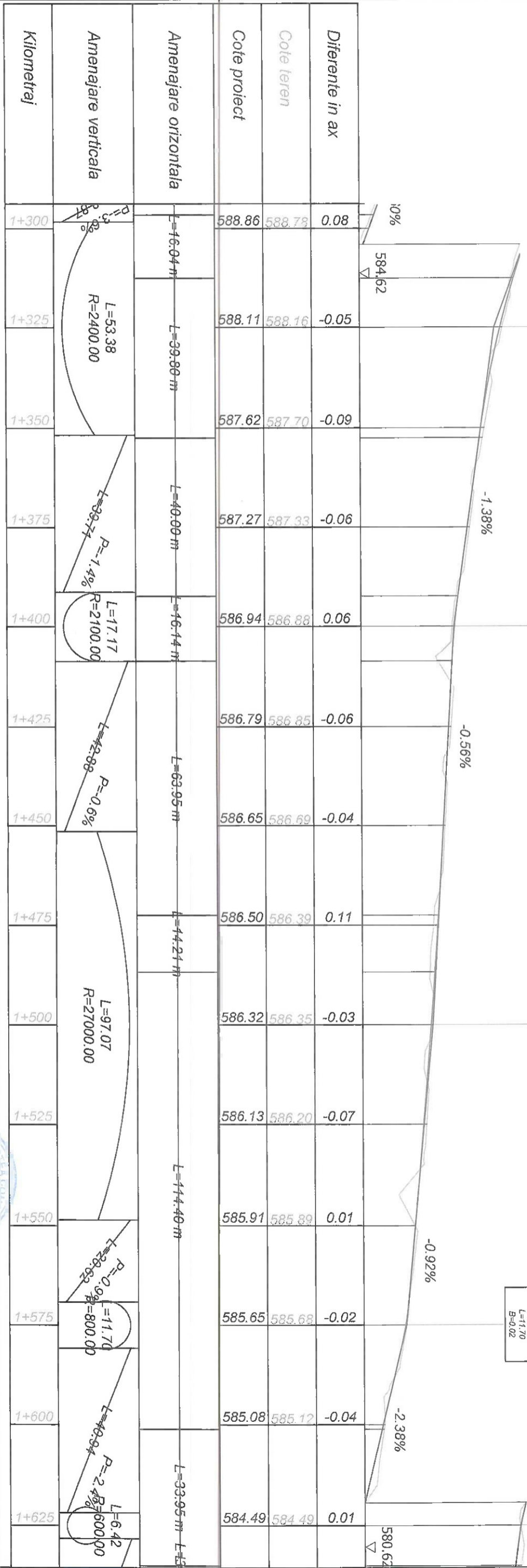
Km 1+325.000 m
 COTA = 587.96 m
 p1% = -3.6%
 p2% = -1.4%
 m = 2.227%
 R = 2400.00
 L = 53.38
 B = 0.15

Km 1+400.000 m
 COTA = 586.93 m
 p1% = -1.4%
 p2% = -0.6%
 m = 0.818%
 R = 2100.00
 L = 17.17
 B = 0.02

Km 1+500.000 m
 COTA = 586.37 m
 p1% = -0.6%
 p2% = -0.9%
 m = -0.360%
 R = 2700.00
 L = 97.07
 B = 0.04

Km 1+575.000 m
 COTA = 585.68 m
 p1% = -0.9%
 p2% = -2.4%
 m = -1.463%
 R = 800.00
 L = 11.70
 B = 0.02

Km 1+625.000 m
 COTA = 584.49 m
 p1% = -2.4%
 p2% = -1.3%
 m = 1.070%
 R = 600.00
 L = 6.42
 B = 0.01



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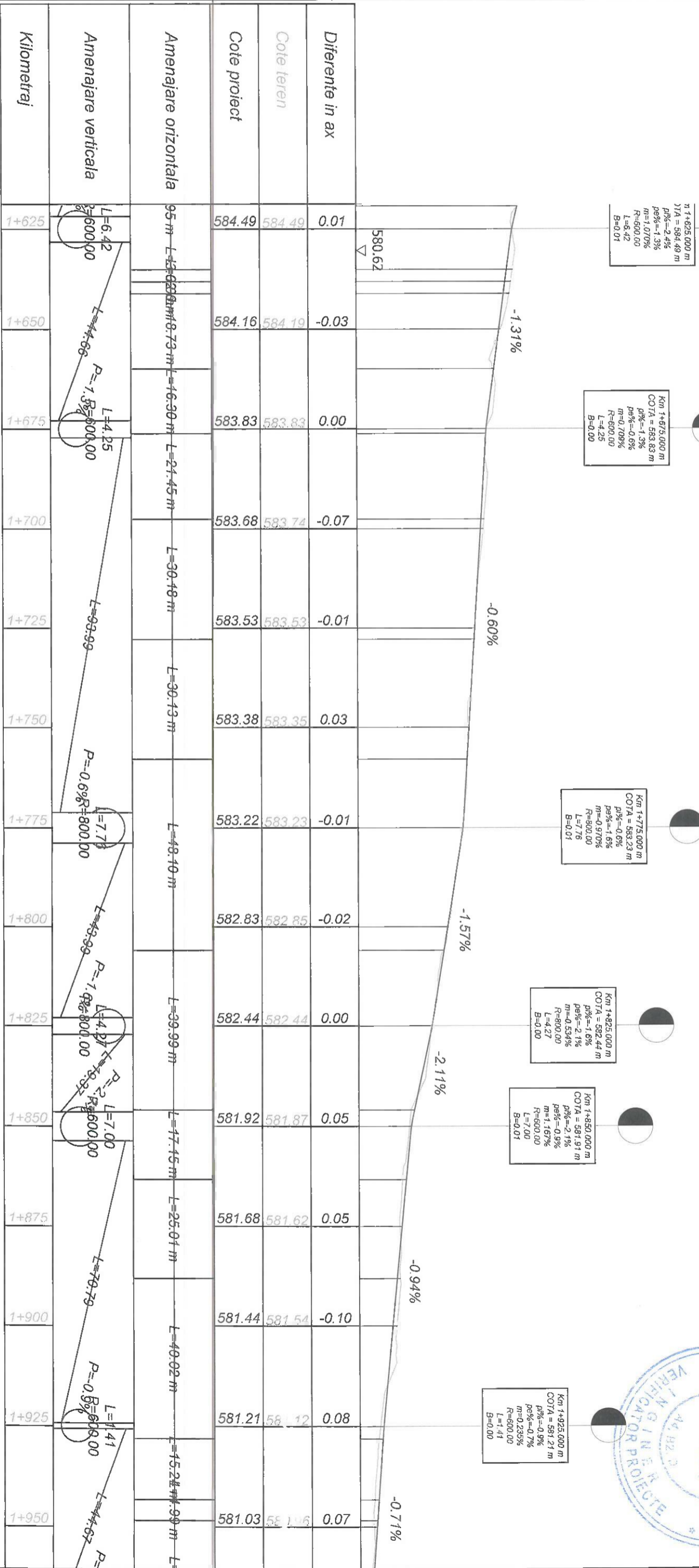
HENTZA BUSINESS
 S.R.L.
 Sose. Ploiesti-Brasov nr. 17 Bucuresti, 2 Etaj & Valoniere Turm, nr. 4-6 076970/076970, EMAIL: info@hentza.ro

MUNICIPIUL BRASOV
 Beneficiar:
 Bulevardul Eroilor 8, Brasov 500007

Faza P.T.
 Nr. plansa PL 05

Proiectat: Ing. A. Buta
 Desenat: Ing. S. Patroiu
 Verificat:

Scara: 1:1000/1:100
 Data: 07/2023



Km 1+625,000 m
 COTA = 584.49 m
 p% = -2.4%
 m = 1.070%
 R = 600.00
 L = 8.42
 B = 0.01

Km 1+675,000 m
 COTA = 583.83 m
 p% = -1.3%
 m = 0.709%
 R = 600.00
 L = 4.25
 B = 0.00

Km 1+775,000 m
 COTA = 583.23 m
 p% = -0.6%
 m = 0.970%
 R = 800.00
 L = 7.76
 B = 0.01

Km 1+825,000 m
 COTA = 582.44 m
 p% = -1.6%
 m = 0.534%
 R = 800.00
 L = 4.27
 B = 0.00

Km 1+850,000 m
 COTA = 581.91 m
 p% = -2.1%
 m = 1.167%
 R = 600.00
 L = 7.00
 B = 0.01

Km 1+925,000 m
 COTA = 581.21 m
 p% = -0.9%
 m = 0.235%
 R = 600.00
 L = 1.41
 B = 0.00

Kilometraj	Diferente in ax	Cote teren	Cote proiect	Amenajare orizontala		Amenajare verticala	
				St. 1	St. 2	St. 1	St. 2
1+625	0.01	584.49	584.49	95 m	580.62	L=6.42	R=600.00
1+650	-0.03	584.16	584.19	107.3 m		L=4.66	R=600.00
1+675	0.00	583.83	583.83	16.30 m		L=4.25	R=600.00
1+700	-0.07	583.68	583.74	21.45 m			
1+725	-0.01	583.53	583.53	30.18 m		L=9.99	R=800.00
1+750	0.03	583.38	583.35	30.13 m			
1+775	-0.01	583.22	583.23	48.10 m		L=7.76	R=800.00
1+800	-0.02	582.83	582.85	39.99 m		L=4.99	R=800.00
1+825	0.00	582.44	582.44	39.99 m		L=4.99	R=800.00
1+850	0.05	581.92	581.87	17.15 m		L=7.00	R=600.00
1+875	0.05	581.68	581.62	25.01 m			
1+900	-0.10	581.44	581.54	40.02 m		L=7.79	R=600.00
1+925	0.08	581.21	581.12	15.24 m		L=1.41	R=600.00
1+950	0.07	581.03	581.06	1.99 m		L=4.67	R=600.00

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HENITZA BUSINESS

ING. A. BUTA

ING. S. PATROLI

MUNICIPIUL BRASOV

Bulevardul Eroilor 8, Brasov 500007

PROFIL LONGITUDINAL TRASEUL 1

Beneficiar: MUNICIPIUL BRASOV

Beneficiar: AMENAJARE BENZI DEDICATE

Beneficiar: TRANSPORTUL PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE

Beneficiar: FAZA P.T.

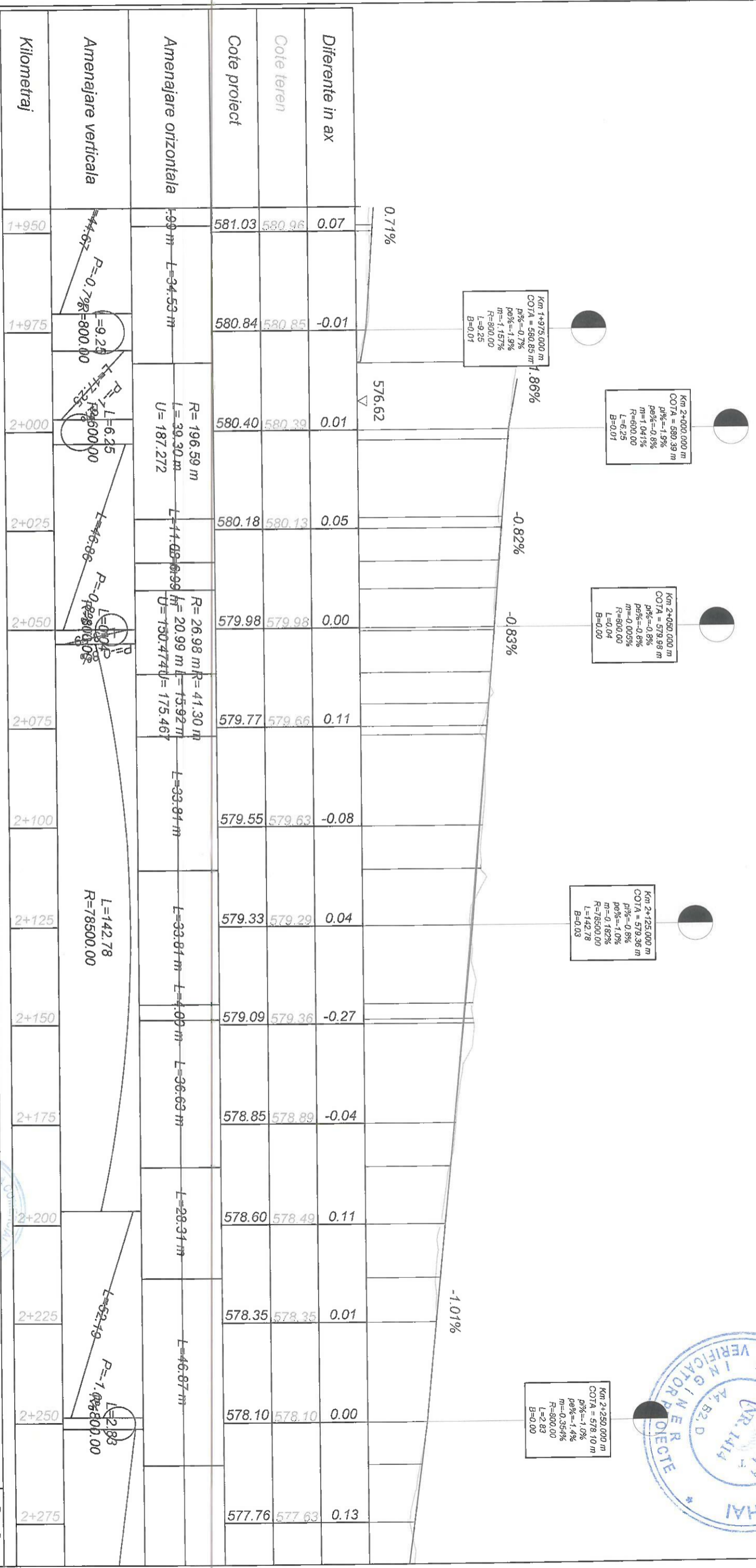
Scara: 1:1000/1:100

Data: 07/2023

Nr. proiect: 73 / 2020

Nr. planşa: PL 06





Km 1+975.000 m
 COTA = 580.85 m
 p% = 0.7%
 pe% = -1.9%
 m = -1.157%
 R = 800.00
 L = 9.25
 B = 0.01

Km 2+000.000 m
 COTA = 580.39 m
 p% = -1.9%
 pe% = -0.8%
 m = -1.041%
 R = 600.00
 L = 6.25
 B = 0.01

Km 2+050.000 m
 COTA = 579.99 m
 p% = -0.8%
 pe% = -0.8%
 m = 0.0005%
 R = 800.00
 L = 0.04
 B = 0.00

Km 2+125.000 m
 COTA = 579.36 m
 p% = -0.9%
 pe% = -1.0%
 m = -0.182%
 R = 78500.00
 L = 142.78
 B = 0.03

Km 2+250.000 m
 COTA = 578.10 m
 p% = -1.0%
 pe% = -1.4%
 m = -0.354%
 R = 800.00
 L = 2.83
 B = 0.00



Kilometraj	Amenajare verticala	Amenajare orizontala	Cote teren		Cote proiect		Diferente in ax
			1	2	1	2	
1+950					581.03	580.96	0.07
1+975					580.84	580.85	-0.01
2+000					580.40	580.39	0.01
2+025					580.18	580.13	0.05
2+050					579.98	579.98	0.00
2+075					579.77	579.66	0.11
2+100					579.55	579.63	-0.08
2+125					579.33	579.29	0.04
2+150					579.09	579.36	-0.27
2+175					578.85	578.89	-0.04
2+200					578.60	578.49	0.11
2+225					578.35	578.35	0.01
2+250					578.10	578.10	0.00
2+275					577.76	577.63	0.13

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HENTZA BUSINESS

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MUNICIPIUL BRASOV

Bulevardul Eroilor 8, Brasov 500007

Set Proiect	Ing. A. Buta	Scara	
Proiectat	Ing. A. Buta	1:1000/1:100	
Desenat	Ing. S. Patroi	Data	07/2023
Verificat			

Beneficiar:		Nr. proiect
MUNICIPIUL BRASOV		73 / 2020
Bulevardul Eroilor 8, Brasov 500007		
Titlu proiect:		Faza
AMENAJARE BENZI DEDICATE		P. T.
TRANSPORTULUI PUBLIC IN MUNICIPIUL		
BRASOV SI TROTUARE ADJACENTE		
Titlu plansa:		Nr. plansa
PROFIL LONGITUDINAL		PL 07
TRASEUL 1		

Kilometraj	Diferente in ax	Cote teren	Cote proiect	Amenajare orizontala		Amenajare verticala	
				L	R	L	R
2+275	0.13	577.63	577.76				
2+300	-0.12	577.54	577.42	L=74.62 m		L=122.60	
2+325	0.01	577.07	577.08				
2+350	-0.11	576.85	576.74	L=39.75 m			
2+375	0.00	576.40	576.40	L=28.89 m		L=11.97 R=609.00 P=-1.4%	
2+400	0.02	576.12	576.14				
2+425	0.06	575.83	575.88	L=106.33 m		L=97.34	
2+450	0.00	575.63	575.62				
2+475	0.00	575.37	575.36	L=3.42		P=-1.0% R=800.00	
2+500	0.06	574.94	575.00				
2+525	-0.03	574.67	574.63	L=6.16 L=12.73 m R=58.83 m U=175.870		L=97.65	
2+550	0.02	574.25	574.27	L=16.85 m			
2+575	0.00	573.90	573.90	L=1.29 R=219.19 m L=50.00 m U=185.476		P=-1.5%	
2+600	-0.09	573.68	573.59				



Km 2+375.000 m
COTA = 576.40 m
p%= -1.4%
pa%= -1.0%
m= 0.328%
R= 600.00
L= 11.97
B= 0.00

Km 2+475.000 m
COTA = 575.37 m
p%= -1.0%
pa%= -1.5%
m= 0.428%
R= 800.00
L= 3.42
B= 0.00

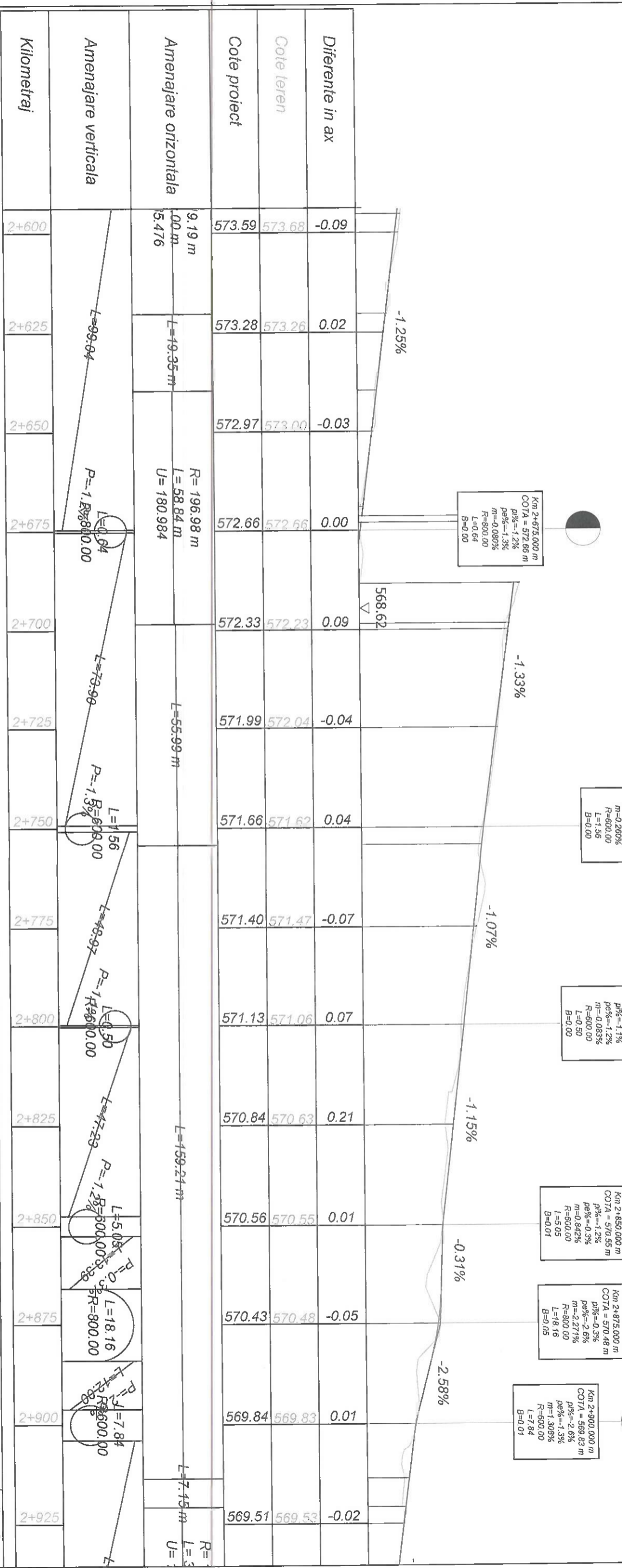
Km 2+575.000 m
COTA = 573.90 m
p%= -1.5%
pa%= -1.2%
m= 0.219%
R= 500.00
L= 1.29
B= 0.00



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Set Proiect	Ing. A. Buta	Scara	1:1000/1:100
Proiectat	Ing. A. Buta	Data	07/2023
Desenat	Ing. S. Patroi		
Verificat			

Beneficiar:	Municipiul Brasov Bulevardul Eroilor 8, Brasov 500007	Nr. proiect:	73 / 2020
Titlu proiect:	AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	Faza	P.T.
Titlu planșă:	PROFIL LONGITUDINAL TRASEUL 1	Nr. planșă	PL 08



	Station	Proposed Elevation (m)	Ground Elevation (m)	Difference (m)
Diferente in ax	2+600	573.59	573.68	-0.09
	2+625	573.28	573.26	0.02
Cote teren	2+650	572.97	573.00	-0.03
	2+675	572.66	572.66	0.00
Cote proiect	2+700	572.33	572.23	0.09
	2+725	571.99	572.04	-0.04
Amenajare orizontala	2+750	571.66	571.62	0.04
	2+775	571.40	571.47	-0.07
Amenajare verticala	2+800	571.13	571.06	0.07
	2+825	570.84	570.63	0.21
Kilometraj	2+850	570.56	570.55	0.01
	2+875	570.43	570.48	-0.05
	2+900	569.84	569.83	0.01
	2+925	569.51	569.53	-0.02

Section	Station	Length (m)	Radius (m)	Grade (%)
Amenajare orizontala	2+600 - 2+675	75.00	180.984	-1.25%
	2+675 - 2+750	75.00	180.984	-1.25%
Amenajare verticala	2+675 - 2+700	25.00	180.984	-1.25%
	2+700 - 2+725	25.00	180.984	-1.25%
Amenajare verticala	2+725 - 2+750	25.00	180.984	-1.25%
	2+750 - 2+775	25.00	180.984	-1.25%
Amenajare verticala	2+775 - 2+800	25.00	180.984	-1.25%
	2+800 - 2+825	25.00	180.984	-1.25%
Amenajare verticala	2+825 - 2+850	25.00	180.984	-1.25%
	2+850 - 2+875	25.00	180.984	-1.25%
Amenajare verticala	2+875 - 2+900	25.00	180.984	-1.25%
	2+900 - 2+925	25.00	180.984	-1.25%

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BENEFICIAR:
MUNICIPIUL BRASOV
Bulevardul Eroilor 8, Brasov 500007

NR. PROIECT: 73 / 2020

PROIECTANT:
Ing. A. Buta
Ing. S. Patroi

DATA: 07/2023

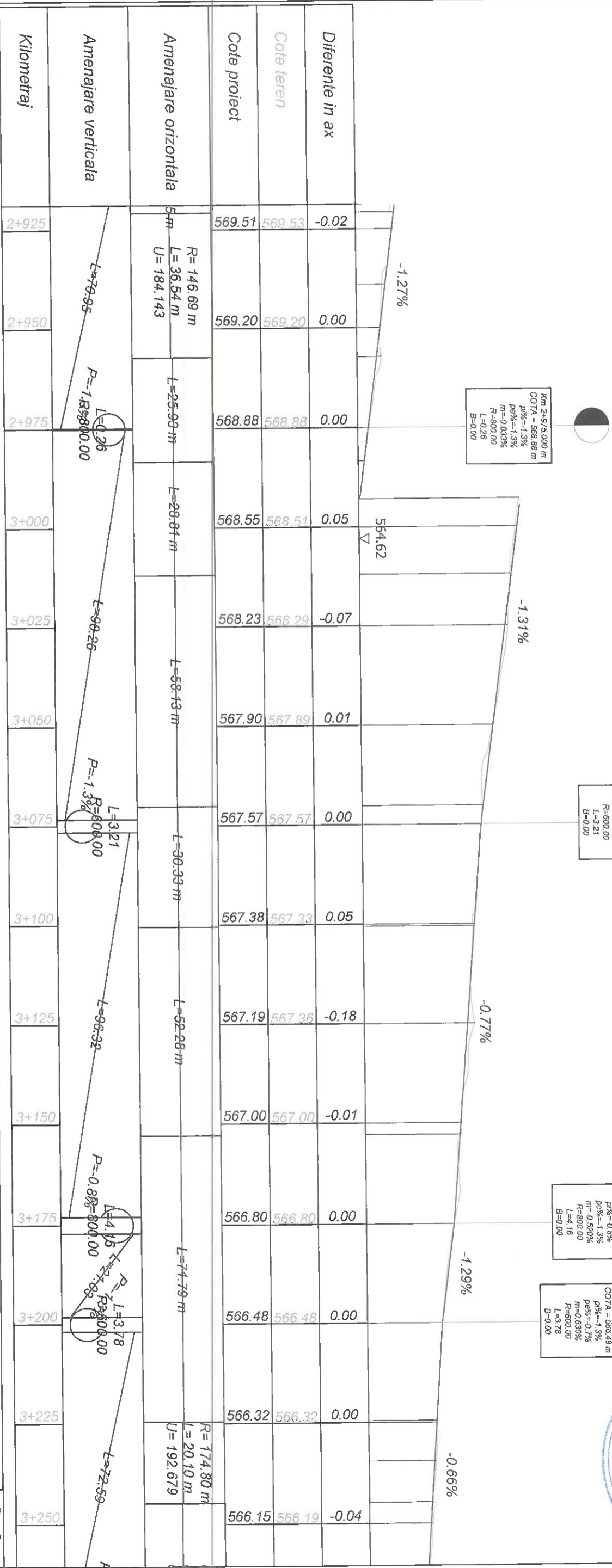
TITLU PROIECT:
AMENAJARE BENZI DEDICATE
TRANSPORTULUI PUBLIC IN MUNICIPIUL
BRASOV SI TROTUARE ADJACENTE

**PROFIL LONGITUDINAL
TRASEUL 1**

PROIECT: Self Protect
DESENAT: Desenat

SCALA: 1:1000/1:100

FAZA: P.T.
NR. PLANSA: PL 09



Km 2+975.000 m
 COTA = 568.88 m
 p% = 1.3%
 pe% = 1.3%
 m = 0.033%
 R = 800.00
 L = 0.26
 B = 0.00

Km 3+075.000 m
 COTA = 567.57 m
 p% = 1.3%
 pe% = 0.8%
 m = 0.033%
 R = 600.00
 L = 3.21
 B = 0.00

Km 3+175.000 m
 COTA = 566.80 m
 p% = 0.8%
 pe% = 1.3%
 m = 0.520%
 R = 800.00
 L = 4.16
 B = 0.00

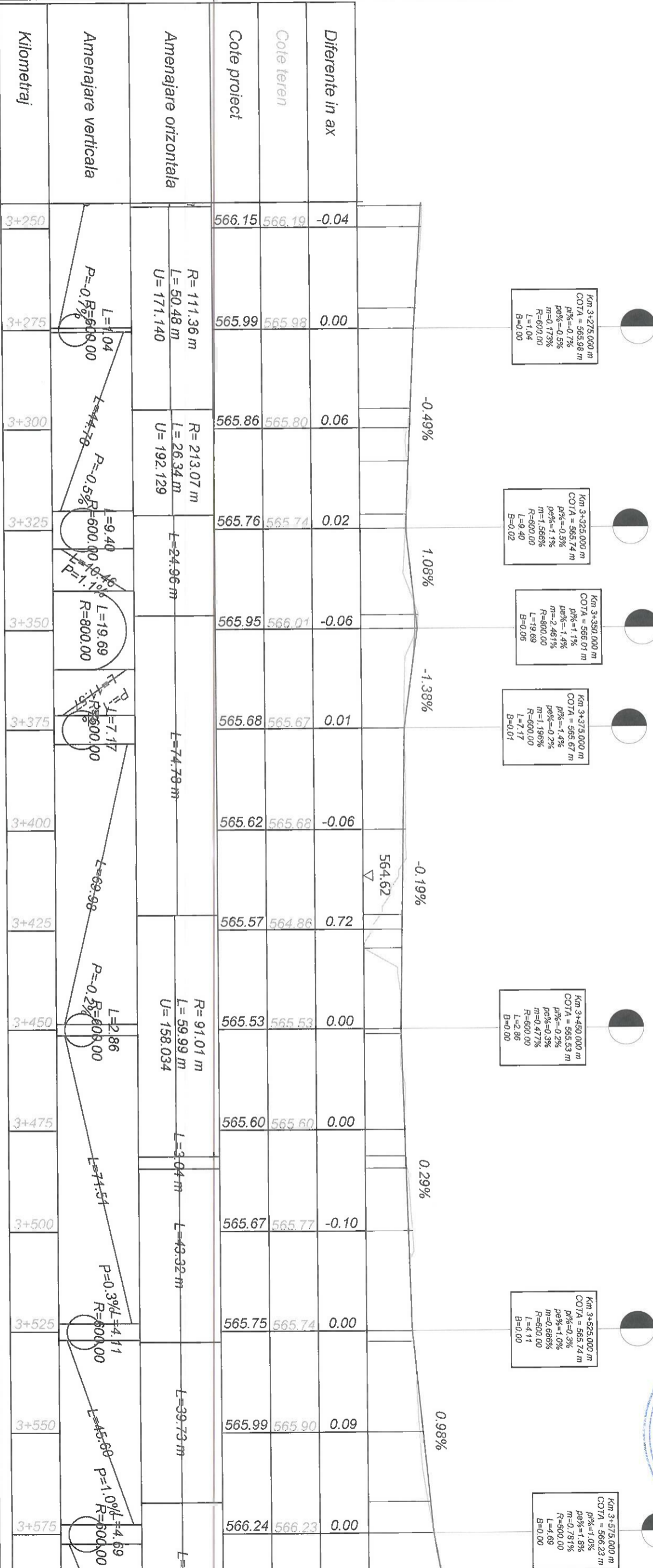
Km 3+200.000 m
 COTA = 566.48 m
 p% = 1.3%
 pe% = 0.7%
 m = 0.030%
 R = 600.00
 L = 3.78
 B = 0.00



Kilometraj	Cote teren	Cote proiect	Diferente in ax	Amenajare orizontala		Amenajare verticala	
				R	L	P	L
2+925	569.51	569.51	-0.02				
2+950	569.20	569.20	0.00	R=146.69 m	L=36.54 m		
2+975	568.88	568.88	0.00	U=184.143			
3+000	568.55	568.51	0.05	L=25.93 m		L=0.26	
3+025	568.23	568.29	-0.07	L=28.81 m		P=-1.8%	
3+050	567.90	567.89	0.01	L=58.13 m			
3+075	567.57	567.57	0.00	L=30.33 m		P=-1.3%	
3+100	567.38	567.33	0.05	L=52.28 m		L=3.21	
3+125	567.19	567.36	-0.18	L=74.79 m		P=-0.8%	
3+150	567.00	567.00	-0.01				
3+175	566.80	566.80	0.00			L=4.16	
3+200	566.48	566.48	0.00			P=-0.7%	
3+225	566.32	566.32	0.00			L=3.78	
3+250	566.15	566.19	-0.04	R=174.80 m	L=20.10 m		
				U=192.679			

Index	Data	Observatii
A		

Sesi, Independenta, Nr. 17 Bucuresti, Str. E. D. A. Vasilescu, Nr. 442, Sector 4, Bucuresti WWW.HENTZA.RO Tel: +40 21 427 49 49, Fax: +40 21 427 49 49, Email: info@hentza.ro	Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007
Scara 1:1000/1:100 Data 07/2023	Nr. proiect 73 / 2020 Faza P.T. Titlu planse: PROFIL LONGITUDINAL TRASEUL 1
Serv. proiect Proiectat Desenat Verificat	Ing. A. Buta Ing. A. Buta Ing. S. Patroi



Km 3+275.000 m
COTA = 565.98 m
pi% = -0.7%
pe% = -0.5%
m = 0.173%
R = 600.00
L = 1.04
B = 0.00

Km 3+325.000 m
COTA = 565.74 m
pi% = -0.5%
pe% = 1.1%
m = 1.586%
R = 600.00
L = 9.40
B = 0.02

Km 3+350.000 m
COTA = 566.01 m
pi% = 1.1%
pe% = -1.4%
m = 2.461%
R = 800.00
L = 19.69
B = 0.06

Km 3+375.000 m
COTA = 565.67 m
pi% = 4.4%
pe% = -0.2%
m = 1.196%
R = 600.00
L = 7.17
B = 0.01

Km 3+450.000 m
COTA = 565.53 m
pi% = -0.3%
pe% = 0.3%
m = 0.177%
R = 600.00
L = 2.86
B = 0.00

Km 3+525.000 m
COTA = 565.74 m
pi% = 1.0%
pe% = 1.8%
m = 0.781%
R = 600.00
L = 4.11
B = 0.00

Km 3+575.000 m
COTA = 566.23 m
pi% = 1.0%
pe% = 1.8%
m = 0.781%
R = 600.00
L = 4.69
B = 0.00

Index	Data	Observatii	Rev. 5
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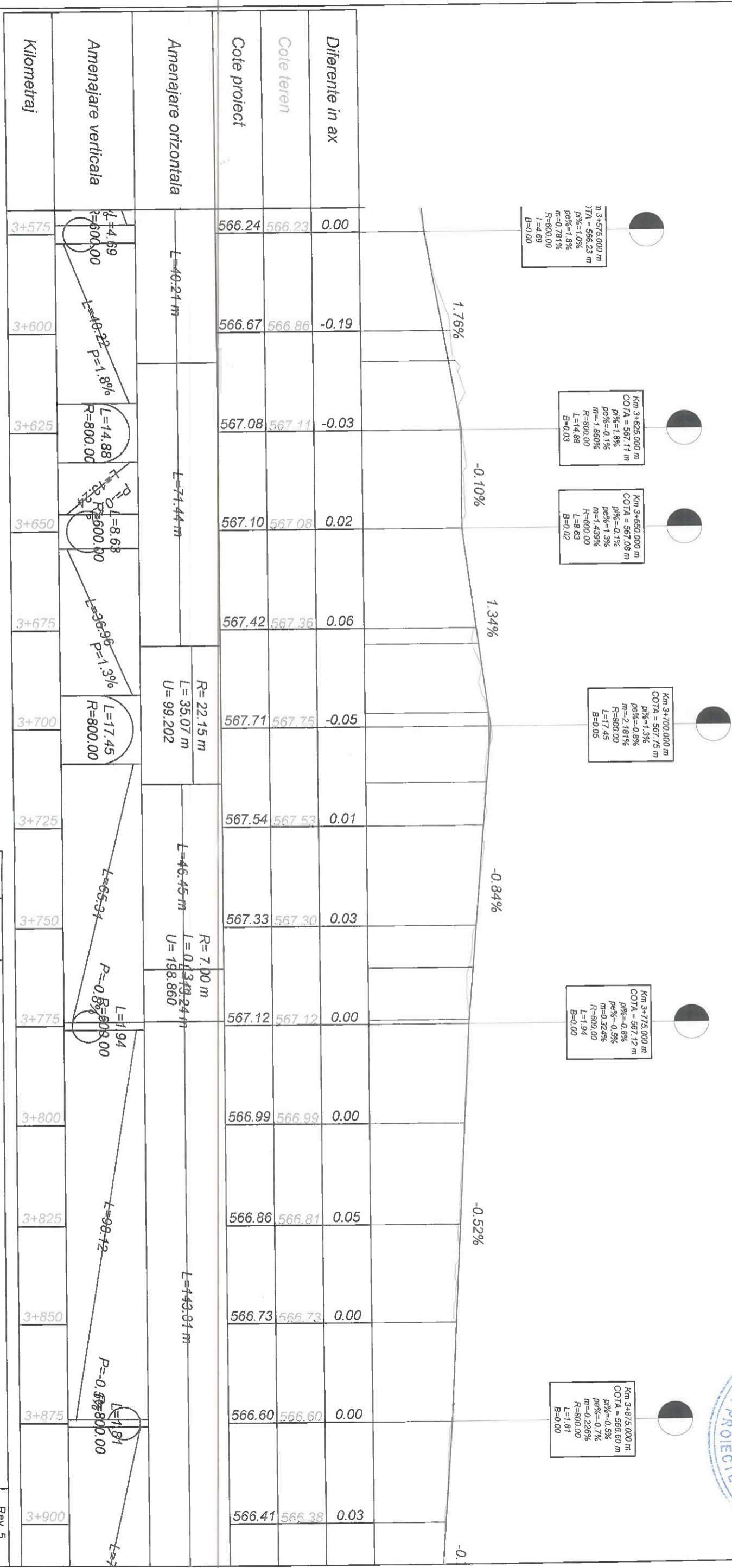
Ing. A. Buta
Ing. S. Patroi

MUNICIPIUL BRASOV
Bulevardul Eroilor 8, Brasov 500007

Beneficiar:

**AMENAJARE BENZI DEDICATE
TRANSPORTULUI PUBLIC IN MUNICIPIUL
BRASOV SI TROTUARE ADJACENTE**

Titlu planse:
**PROFIL LONGITUDINAL
TRASEUL 1**



n 3+575.000 m
 JTA = 566.23 m
 p1% = 1.0%
 m = 0.781%
 R = 600.00
 L = 4.69
 B = 0.00

Km 3+625.000 m
 COTA = 567.11 m
 p1% = 1.8%
 p2% = -0.1%
 m = 1.860%
 R = 900.00
 L = 14.88
 B = 0.03


Km 3+650.000 m
 COTA = 567.08 m
 p1% = 0.1%
 p2% = -1.3%
 m = 1.439%
 R = 600.00
 L = 8.63
 B = 0.02

Km 3+700.000 m
 COTA = 567.75 m
 p1% = 1.3%
 p2% = 0.8%
 m = 2.181%
 R = 800.00
 L = 17.45
 B = 0.05

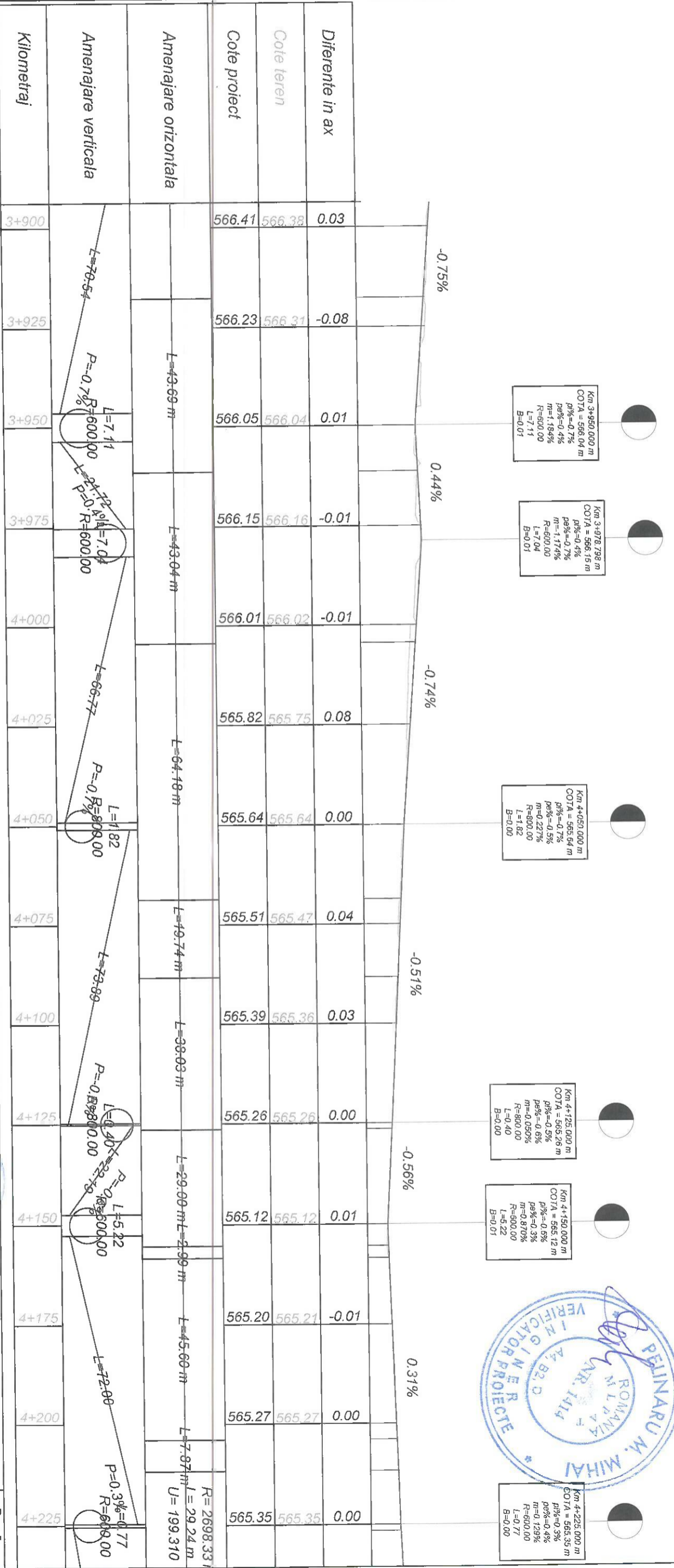
Km 3+775.000 m
 COTA = 567.12 m
 p1% = 0.8%
 p2% = -0.5%
 m = 0.324%
 R = 600.00
 L = 1.94
 B = 0.00

Km 3+875.000 m
 COTA = 566.60 m
 p1% = -0.5%
 p2% = -0.7%
 m = -0.226%
 R = 800.00
 L = 1.81
 B = 0.00

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		HENTZA BUSINESS <small>WIRTSCHAFTSGESAMTSCHAFT</small>	
<small>Str. Republicii nr. 17, P. 2, Et. 4, Voluntari, Ilfov, Tel: +40 72 49 69 19, Email: office@hentza.ro</small>		<small>WIRTSCHAFTSGESAMTSCHAFT</small>	
Self Project	Ing. A. Buta	Scara	1:1000/1:100
Proiectat	Ing. A. Buta	Data	07/2023
Desenat	Ing. S. Patroi		
Verificat			

Beneficiar:		Nr. proiect
MUNICIPUL BRASOV		73 / 2020
Bulevardul Eroilor 8, Brasov 500007		
Titlu proiect:		Faza
AMENAJARE BENZI DEDICATE		P.T.
TRANSPORTULUI PUBLIC IN MUNICIPIUL		
BRASOV SI TROTUARE ADJACENTE		
Titlu planșă:		Nr. planșă
PROFIL LONGITUDINAL		PL 12
TRASEUL 1		



Km 3+950.000 m
 COTA = 566.04 m
 p1% = -0.7%
 p2% = -0.4%
 m = 1.184%
 R = 600.00
 L = 7.11
 B = 0.01

Km 3+978.798 m
 COTA = 566.16 m
 p1% = -0.4%
 p2% = -0.7%
 m = 1.174%
 R = 600.00
 L = 7.04
 B = 0.01

Km 4+050.000 m
 COTA = 565.64 m
 p1% = -0.7%
 p2% = -0.5%
 m = 0.227%
 R = 600.00
 L = 1.82
 B = 0.00

Km 4+125.000 m
 COTA = 565.26 m
 p1% = -0.5%
 p2% = -0.6%
 m = 0.050%
 R = 600.00
 L = 0.40
 B = 0.00

Km 4+150.000 m
 COTA = 565.12 m
 p1% = -0.6%
 p2% = -0.3%
 m = -0.870%
 R = 600.00
 L = 5.22
 B = 0.01

Km 4+225.000 m
 COTA = 565.35 m
 p1% = -0.3%
 p2% = -0.4%
 m = 0.129%
 R = 600.00
 L = 0.77
 B = 0.00



Cote teren	Cote proiect	Diferente in ax
566.38	566.41	0.03
566.31	566.23	-0.08
566.04	566.05	0.01
566.16	566.15	-0.01
566.02	566.01	-0.01
565.75	565.82	0.08
565.64	565.64	0.00
565.47	565.51	0.04
565.36	565.39	0.03
565.26	565.26	0.00
565.12	565.12	0.01
565.21	565.20	-0.01
565.27	565.27	0.00
565.35	565.35	0.00

Amenajare orizontala	Amenajare verticala	Kilometraj
L=43.69 m	L=76.54 R=600.00	3+900
L=43.04 m	L=7.11 R=600.00	3+925
L=43.04 m	L=7.04 R=600.00	3+950
L=43.04 m	L=7.04 R=600.00	3+975
L=64.18 m	L=66.77 R=600.00	4+000
L=49.74 m	L=1.82 R=600.00	4+025
L=38.03 m	L=1.82 R=600.00	4+050
L=29.00 m	L=1.82 R=600.00	4+075
L=45.60 m	L=73.99 R=600.00	4+100
L=7.97 m	L=0.40 R=600.00	4+125
L=7.97 m	L=5.22 R=600.00	4+150
L=7.97 m	L=2.19 R=600.00	4+175
L=7.97 m	L=72.00 R=600.00	4+200
L=7.97 m	L=0.3% R=600.00	4+225

Index	Data	Observatii
A		

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Str. Republicii nr. 17, Braila, Romania

Titlu proiect:	AMENAJARE BENZI DEDICATE
Beneficiar:	MUNICIPALITATEA BRASOV
Beneficiar:	Municipiul Brasov, Bulevardul Eroilor 8, Brasov 500007
Proiectat de:	Ing. A. Buta
Desenat de:	Ing. S. Patroi
Scara:	1:1000/1:100
Data:	07/2023
Nr. proiect:	73 / 2020
Faza:	P.T.
Nr. planşa:	PROFIL LONGITUDINAL
PL 13	TRASEUL 1



$n = 4+225,000 \text{ m}$
 $JTA = 565,35 \text{ m}$
 $pl\% = 0,3\%$
 $pe\% = 0,4\%$
 $m = 0,129\%$
 $R = 600,00$
 $L = 0,77$
 $B = 0,00$

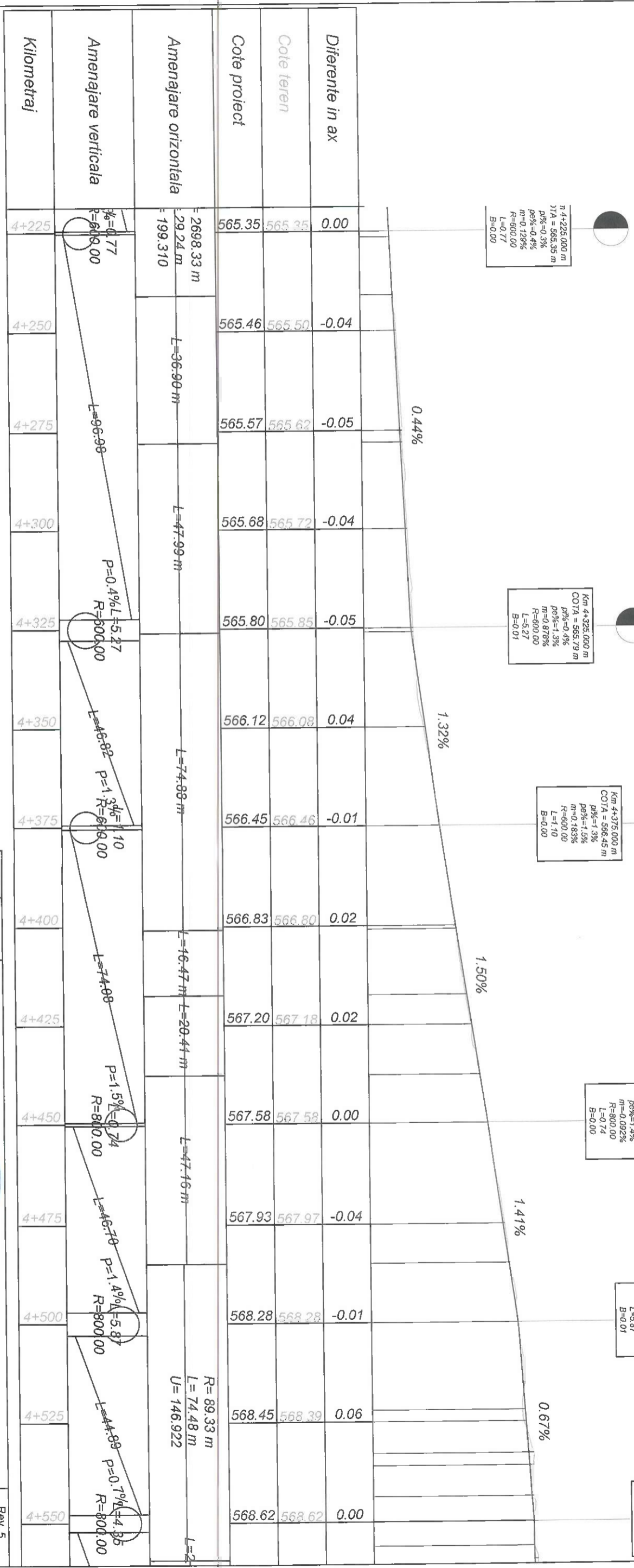
$Km 4+325,000 \text{ m}$
 $COTA = 565,79 \text{ m}$
 $pl\% = 0,4\%$
 $pe\% = 1,3\%$
 $m = 0,876\%$
 $R = 600,00$
 $L = 5,27$
 $B = 0,01$

$Km 4+375,000 \text{ m}$
 $COTA = 566,45 \text{ m}$
 $pl\% = 1,3\%$
 $pe\% = 1,5\%$
 $m = 0,183\%$
 $R = 600,00$
 $L = 1,10$
 $B = 0,00$

$Km 4+450,000 \text{ m}$
 $COTA = 567,58 \text{ m}$
 $pl\% = 1,5\%$
 $pe\% = 1,4\%$
 $m = 0,0022\%$
 $R = 800,00$
 $L = 0,74$
 $B = 0,00$

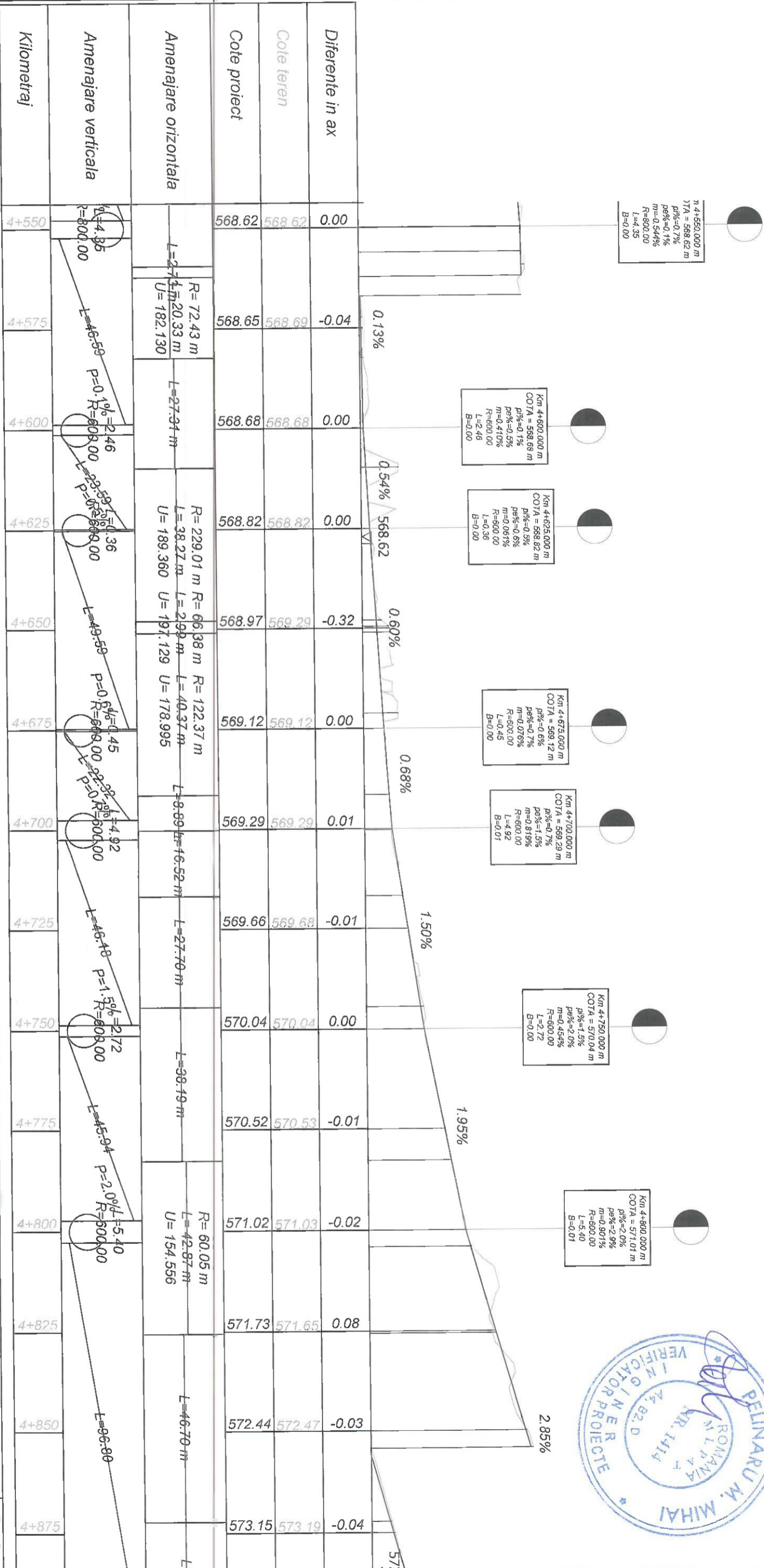
$Km 4+500,000 \text{ m}$
 $COTA = 568,28 \text{ m}$
 $pl\% = 1,4\%$
 $pe\% = 0,7\%$
 $m = 0,734\%$
 $R = 800,00$
 $L = 5,87$
 $B = 0,01$

$Km 4+550,000 \text{ m}$
 $COTA = 568,62 \text{ m}$
 $pl\% = 0,7\%$
 $pe\% = 0,1\%$
 $m = 0,544\%$
 $R = 800,00$
 $L = 4,35$
 $B = 0,00$





Index	Data	Observatii	Rev.
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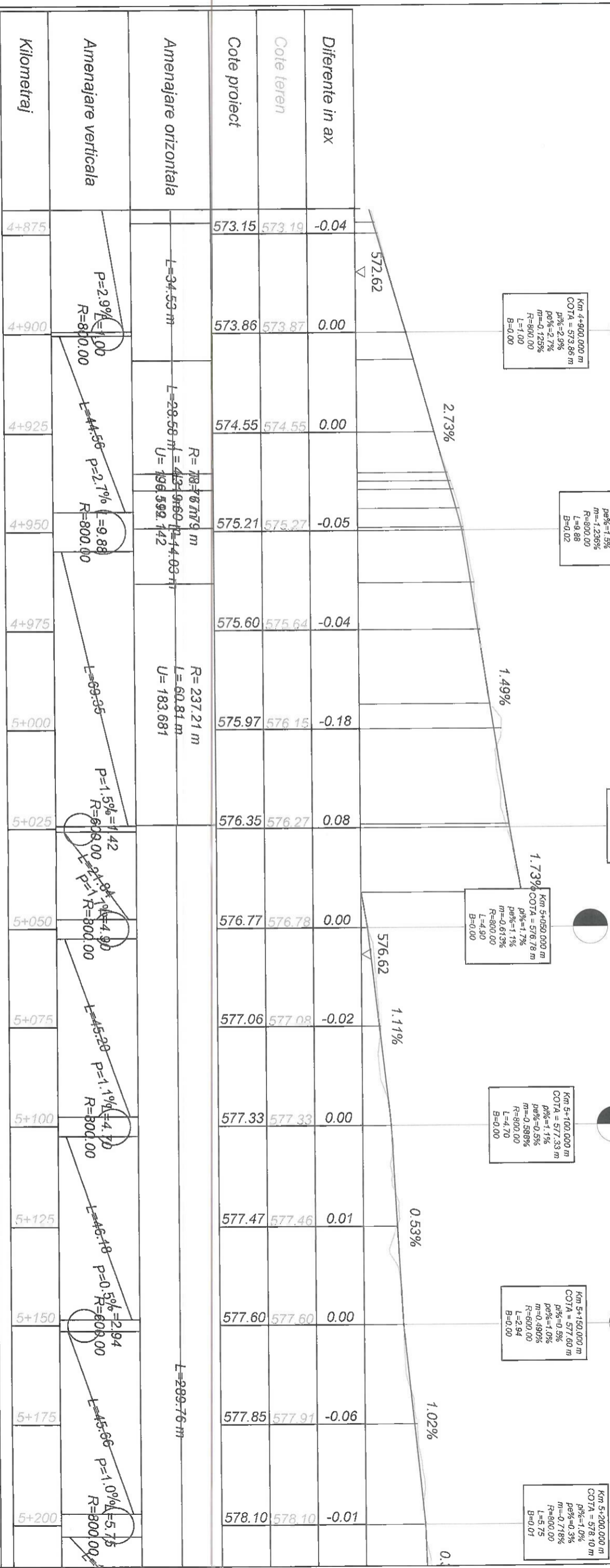
		BENEFICIAR: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007		Nr. proiect 73 / 2020	
PROIECTANT: Ing. A. Buta		SCALA: 1:1000/1:100		Faza P.T.	
DESENATOR: Ing. S. Patroi		Data 07/2023		Nr. planşa PL 14	
VERIFICATOR: Ing. S. Patroi		Titlu planşa: PROFIL LONGITUDINAL TRASEUL 1			



Kilometraj	Cote teren	Cote proiect	Diferente in ax	Amenajare orizontala		Amenajare verticala	
				R	L	P	R
4+550	568.62	568.62	0.00				
4+575	568.65	568.69	-0.04	R=72.43 m	L=27.33 m	P=0.1%	R=800.00
4+600	568.68	568.68	0.00	R=182.130	L=27.91 m	P=0.1%	R=608.00
4+625	568.82	568.82	0.00	R=229.01 m	L=38.27 m	P=0.1%	R=608.00
4+650	568.97	569.29	-0.32	R=66.38 m	L=29.99 m	P=0.1%	R=608.00
4+675	569.12	569.12	0.00	R=122.37 m	L=40.37 m	P=0.1%	R=608.00
4+700	569.29	569.29	0.01	R=178.995	L=9.89 m	P=0.1%	R=608.00
4+725	569.66	569.68	-0.01	R=16.52 m	L=16.52 m	P=0.1%	R=608.00
4+750	570.04	570.04	0.00	R=122.37 m	L=9.89 m	P=1.5%	R=608.00
4+775	570.52	570.53	-0.01	R=36.19 m	L=36.19 m	P=1.5%	R=608.00
4+800	571.02	571.03	-0.02	R=60.05 m	L=42.87 m	P=2.0%	R=600.00
4+825	571.73	571.65	0.08	R=154.556	L=42.87 m	P=2.0%	R=600.00
4+850	572.44	572.47	-0.03		L=46.70 m		
4+875	573.15	573.19	-0.04				



			
Set Proiect	Ing. A. Buta	Scara	1:1000/1:100
Proiectat	Ing. A. Buta	Data	07/2023
Desenat	Ing. S. Patroi	Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	
Vertical		Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE PROFIL LONGITUDINAL TRASEUL 1	
		Nr. proiect	73 / 2020
		Faza P.T.	
		Nr. planasa	PL 15





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Ing. A. Buta

Ing. S. Patroi

MUNICIPIUL BRASOV

Bulevardul Eroilor 8, Brasov 500007

73 / 2020

Faza P.T.

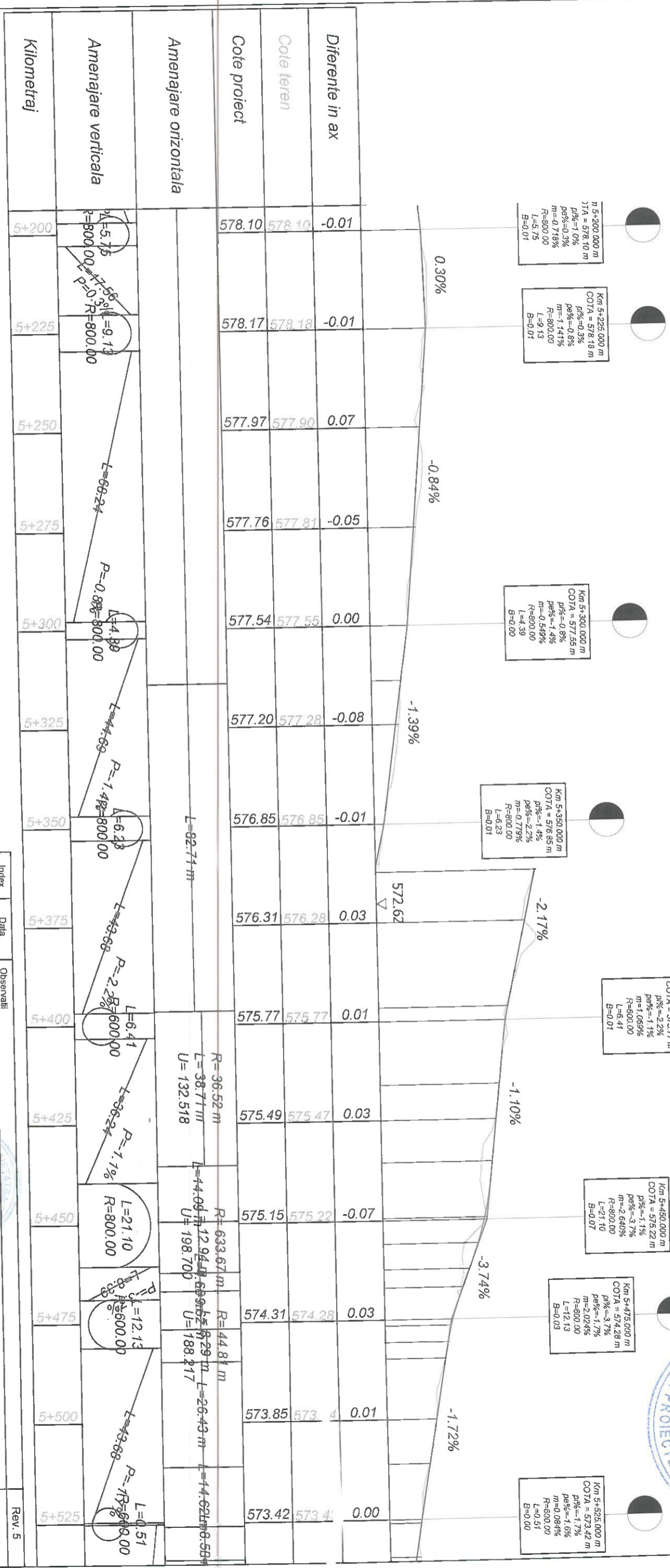
Nr. planşa PL 16

Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE

Titlu planşa: PROFIL LONGITUDINAL TRASEUL 1

Scara: 1:1000/1:100

Data: 07/2023



Station	Ground Elevation	Proposed Elevation	Difference
5+200	578.10	578.10	-0.01
5+225	578.17	578.18	-0.01
5+250	577.97	577.90	0.07
5+275	577.76	577.81	-0.05
5+300	577.54	577.55	0.00
5+325	577.20	577.28	-0.08
5+350	576.85	576.85	-0.01
5+375	576.31	576.28	0.03
5+400	575.77	575.77	0.01
5+425	575.49	575.47	0.03
5+450	575.15	575.22	-0.07
5+475	574.31	574.28	0.03
5+500	573.85	573.4	0.01
5+525	573.42	573.4	0.00

Category	Value
Diferente in ax	-0.01
Cote teren	578.10
Cote proiect	578.10
Amenajare orizontala	L=82.71 m
Amenajare verticala	L=5.75, R=800.00; L=9.13, R=800.00; L=66.24, R=800.00; L=4.39, R=800.00; L=4.69, R=800.00; L=6.23, R=800.00; L=43.68, R=600.00; L=6.41, R=600.00; L=36.24, R=1.1%; L=21.10, R=800.00; L=12.13, R=600.00; L=43.68, R=600.00; L=0.51, R=600.00
Kilometraj	5+200, 5+225, 5+250, 5+275, 5+300, 5+325, 5+350, 5+375, 5+400, 5+425, 5+450, 5+475, 5+500, 5+525

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Soluții de proiectare și execuție în construcții civile, industriale și agricole.

Ing. A. Buta
Ing. S. Patroiu

MUNICIPIUL BRASOV
Bulevardul Eroilor 8, Brașov 500007

Beneficiar:
MUNICIPIUL BRASOV
Bulevardul Eroilor 8, Brașov 500007

Nr. proiect: 73 / 2020
Faza: P.T.

Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE

Titlu planșă: PROFIL LONGITUDINAL TRASEUL 1

Nr. planșă: PL 17

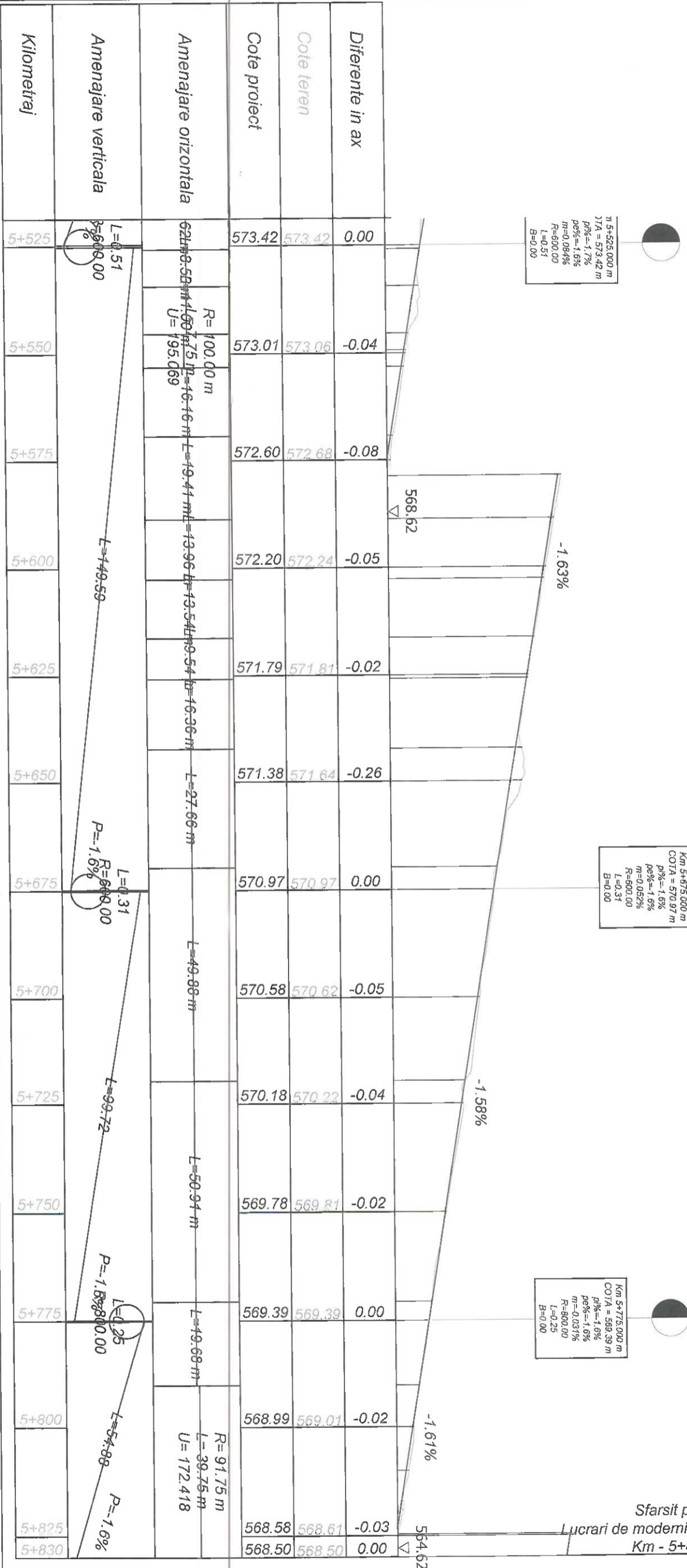
Index: A

Data: 07/2023

Observatii:



Sfarsit proiect
Lucrari de modernizare Ax-Traseu 1
Km - 5+830.00



Km 5+525.000 m
COTI = 573.42 m
p1% = -1.7%
p2% = -1.6%
m = 0.0848%
R = 600.00
L = 0.51
B = 0.00

Km 5+675.000 m
COTI = 570.97 m
p1% = -1.6%
p2% = -1.6%
m = 0.052%
R = 600.00
L = 0.31
B = 0.00

Km 5+775.000 m
COTI = 569.39 m
p1% = -1.6%
p2% = -1.6%
m = 0.031%
R = 600.00
L = 0.25
B = 0.00

Kilometraj	Cote teren	Cote proiect	Diferente in ax	Amplasare orizontala		Amplasare verticala	
				L	R	L	P
5+525	573.42	573.42	0.00			L=0.51	R=600.00
5+550	573.01	573.06	-0.04		R=100.00 m		
5+575	572.60	572.68	-0.08		U=195.069		
5+600	572.20	572.24	-0.05		L=19.41 m		
5+625	571.79	571.81	-0.02		L=13.96 m		
5+650	571.38	571.64	-0.26		L=16.36 m		
5+675	570.97	570.97	0.00		L=27.66 m	L=0.31	R=600.00
5+700	570.58	570.62	-0.05		L=49.89 m		
5+725	570.18	570.22	-0.04			L=99.72	P=-1.6%
5+750	569.78	569.81	-0.02		L=50.91 m		
5+775	569.39	569.39	0.00		L=49.68 m	L=0.25	R=600.00
5+800	568.99	569.01	-0.02			L=54.88	P=-1.6%
5+825	568.58	568.61	-0.03		R=91.75 m		
5+830	568.50	568.50	0.00		L=39.75 m		U=172.418

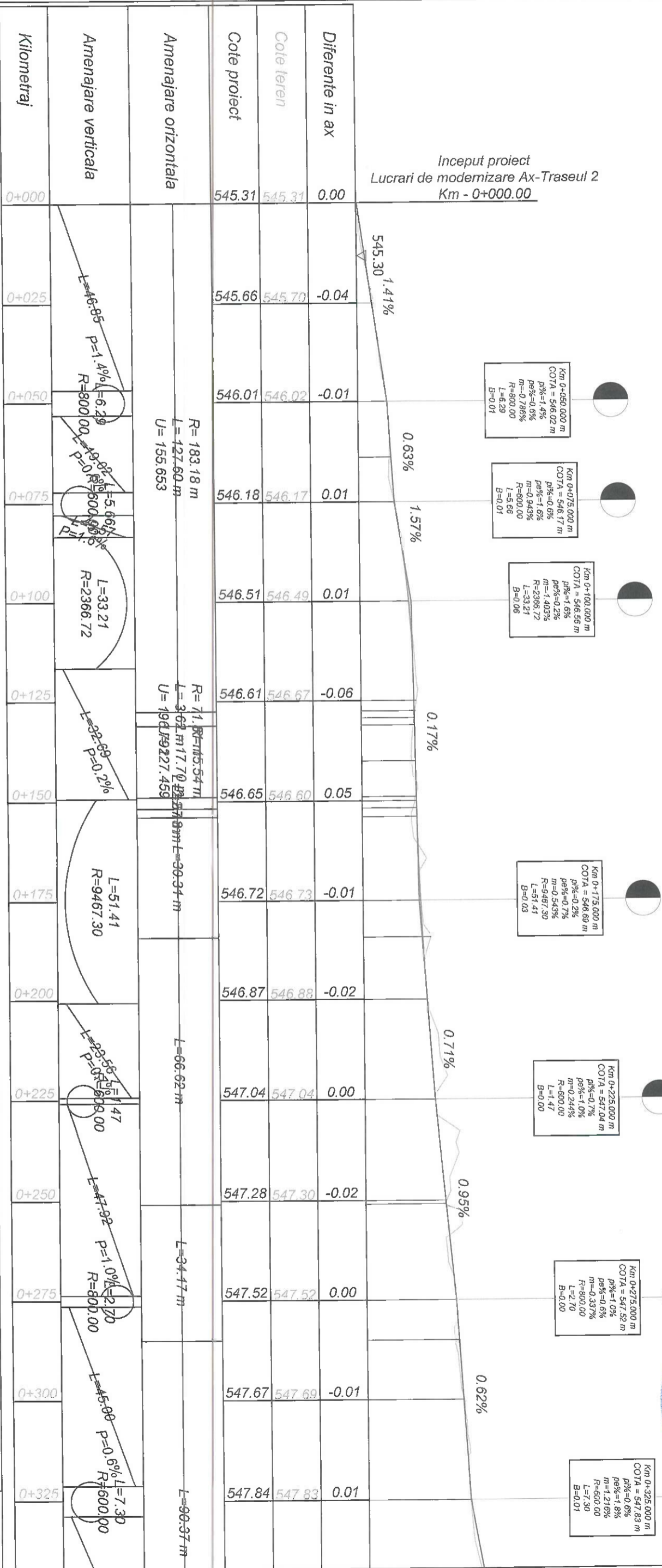
Index	Data	Observatii	Rev. 5
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		HENTZA BUSINESS SOCIETATEA CU RASPUNDABILITATE LIMITATA SIRLA 40520000 www.hentza.ro www.business.ro	
Sef Proiect	Ingl. A. Buta	Scara	1:1000/1:100
Proiectant	Ingl. A. Buta	Data	07/2023
Desenati	Ingl. S. Patroi		
Verificat			

Beneficiar:	Municipiul Brasov Bulevardul Eroilor 8, Brasov 500007	Nr. proiect	73 / 2020
Titlu proiect:	AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	Faza	P.T.
Titlu plansa:	PROFIL LONGITUDINAL TRASEUL 1	Nr. plansa	PL 18



Inceput proiect
Lucrari de modernizare Ax-Traseul 2
Km - 0+000.00



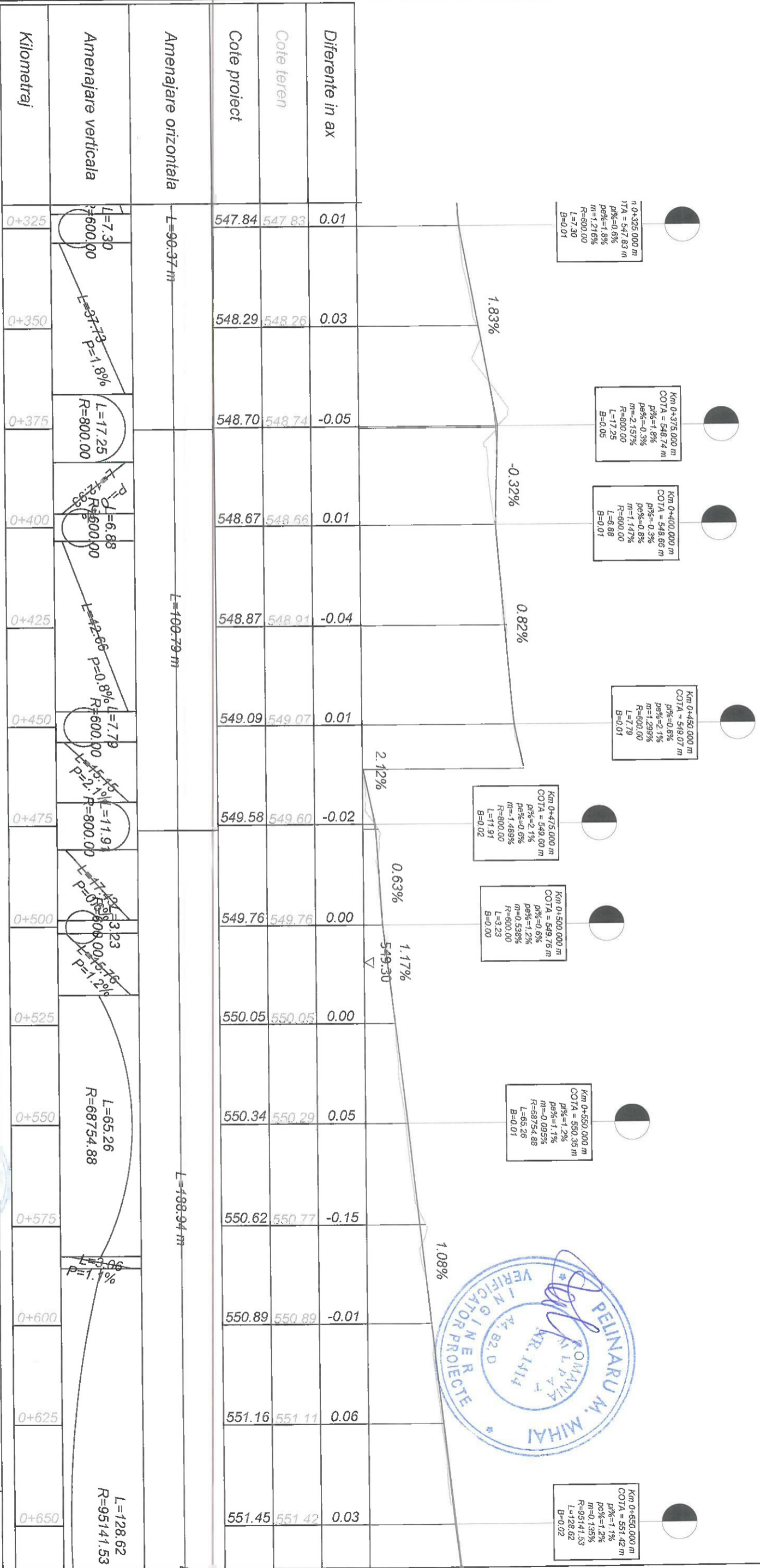
Index	Data	Observatii
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Beneficiar:	Municipiul Brasov	Nr. proiect:	73/2020
Beneficiar:	Bulevardul Eroilor 8, Brasov 500007	Faza	P.T.
Titlu proiect:	AMENAJARE BENZI DEDICATE	Nr. planșa	PL 19
Beneficiar:	TRANSPORTULUI PUBLIC IN MUNICIPIUL		
Beneficiar:	BRASOV SI TROTUARE ADJACENTE		
Titlu planșa:	PROFIL LONGITUDINAL		
Beneficiar:	TRASEUL 2		

HENTZA BUSINESS
S.R.L.

Ing. A. Buta
Ing. S. Patroi

Scara: 1:1000/1:100
Data: 07/2023



Staza	Cote teren	Cote proiect	Diferente in ax
0+325	547.83	547.84	0.01
0+350	548.26	548.29	0.03
0+375	548.74	548.70	-0.05
0+400	548.66	548.67	0.01
0+425	548.91	548.87	-0.04
0+450	549.07	549.09	0.01
0+475	549.60	549.58	-0.02
0+500	549.76	549.76	0.00
0+525	550.05	550.05	0.00
0+550	550.29	550.34	0.05
0+575	550.77	550.62	-0.15
0+600	550.89	550.89	-0.01
0+625	551.11	551.16	0.06
0+650	551.42	551.45	0.03

Staza	Amplasare orizontala	Amplasare verticala	Kilometraj
0+325	L=90.37 m	L=7.30 R=600.00	0+325
0+350		L=37.79 P=1.8%	0+350
0+375		L=17.25 R=800.00	0+375
0+400	L=100.79 m	L=6.88 R=600.00	0+400
0+425		L=42.56 P=0.8%	0+425
0+450		L=7.79 R=600.00	0+450
0+475		L=11.91 R=800.00	0+475
0+500		L=32.23 R=800.00	0+500
0+525		L=11.27 R=800.00	0+525
0+550		L=65.26 R=68754.88	0+550
0+575	L=198.94 m	L=3.06 P=1.1%	0+575
0+600			0+600
0+625			0+625
0+650		L=128.62 R=95141.53	0+650



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S.R.L.

Str. Petru Poni nr. 17, Sector 4, Municipiul Bucuresti, Romania
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Beneficiar: **MUNICIPALITATEA BRASOV**
Bulevardul Eroilor 8, Brasov 500007

Titlu proiect: AMENAJARE BENZI DEDICATE
TRANSPORTULUI PUBLIC IN MUNICIPIUL
BRASOV SI TROTUARE ADJACENTE

Titlu plansa: PROFIL LONGITUDINAL
TRASEUL 2

Set Proiect	Ing. A. Buta	Scara	1:1000/1:100
Proiectat	Ing. A. Buta	Data	07/2023
Desenat	Ing. S. Patroi		
Vertical			

Kilometraj	Cote teren		Diferente in ax	Cote proiect
	0+650	0+675		
Amenajare orizontala	0+650	551.45	0.03	551.42
	0+675	551.73	0.07	551.67
	0+700	552.03	0.01	552.02
	0+725	552.33	0.01	552.32
	0+750	552.63	-0.03	552.67
	0+775	552.94	0.00	552.94
	0+800	553.21	-0.03	553.24
	0+825	553.48	0.00	553.48
	0+850	553.76	0.01	553.75
	0+875	554.24	-0.01	554.26
Amenajare verticala	0+850	554.50	0.02	554.48
	0+875	554.75	0.00	554.75
	0+900	555.13	-0.07	555.21
	0+925	555.52	0.03	555.49
	0+950			
	0+975			

Km 0+650.000 m
 COTA = 551.42 m
 p% = 1.1%
 pe% = 1.2%
 m = 0.135%
 R = 95141.53
 L = 128.62
 B = 0.02

Km 0+775.000 m
 COTA = 552.94 m
 p% = 1.2%
 pe% = 1.1%
 m = 0.125%
 R = 800.00
 L = 1.00
 B = 0.00

Km 0+850.000 m
 COTA = 553.75 m
 p% = 1.1%
 pe% = 2.0%
 m = 0.928%
 R = 500.00
 L = 5.56
 B = 0.01

Km 0+875.000 m
 COTA = 554.26 m
 p% = 2.0%
 pe% = 1.0%
 m = 1.032%
 R = 800.00
 L = 8.25
 B = 0.01

Km 0+925.000 m
 COTA = 554.75 m
 p% = 1.0%
 pe% = 1.6%
 m = 0.572%
 R = 600.00
 L = 3.43
 B = 0.00



Index	Data	Observatii
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Ing. A. Buta
 Ing. S. Patroi

MUNICIPIUL BRASOV
 Bulevardul Eroilor 8, Brasov 500007

AMENAJARE BENZI DEDICATE
 TRANSPORTULUI PUBLIC IN MUNICIPIUL
 BRASOV SI TROTUARE ADJACENTE

PROFIL LONGITUDINAL
 TRASEUL 2

Nr. proiect: 73 / 2020

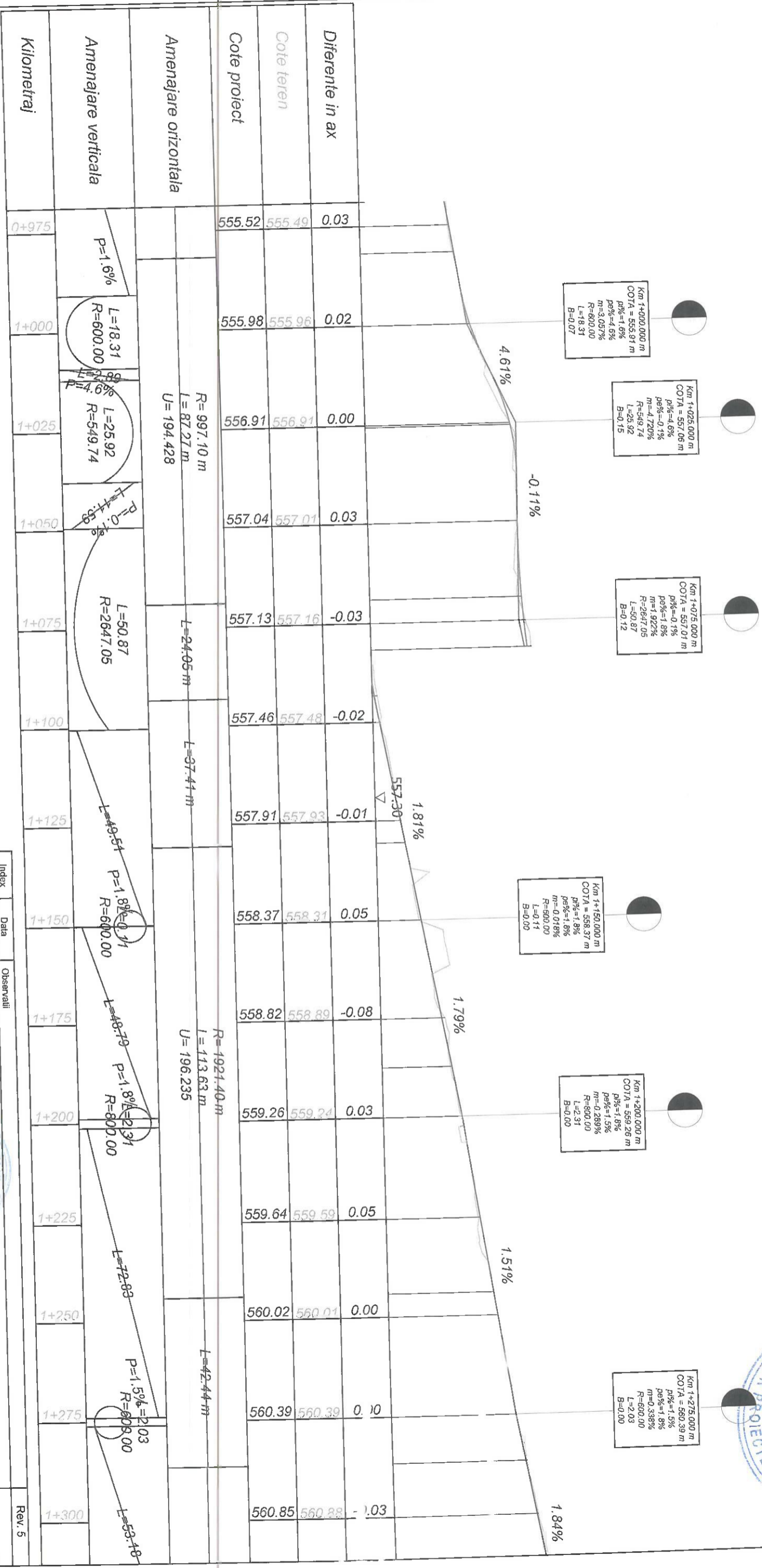
Faza: P.T.

Nr. planşa: PL 21

Beneficiar: **MUNICIPIUL BRASOV**

Titlu proiect: **AMENAJARE BENZI DEDICATE**

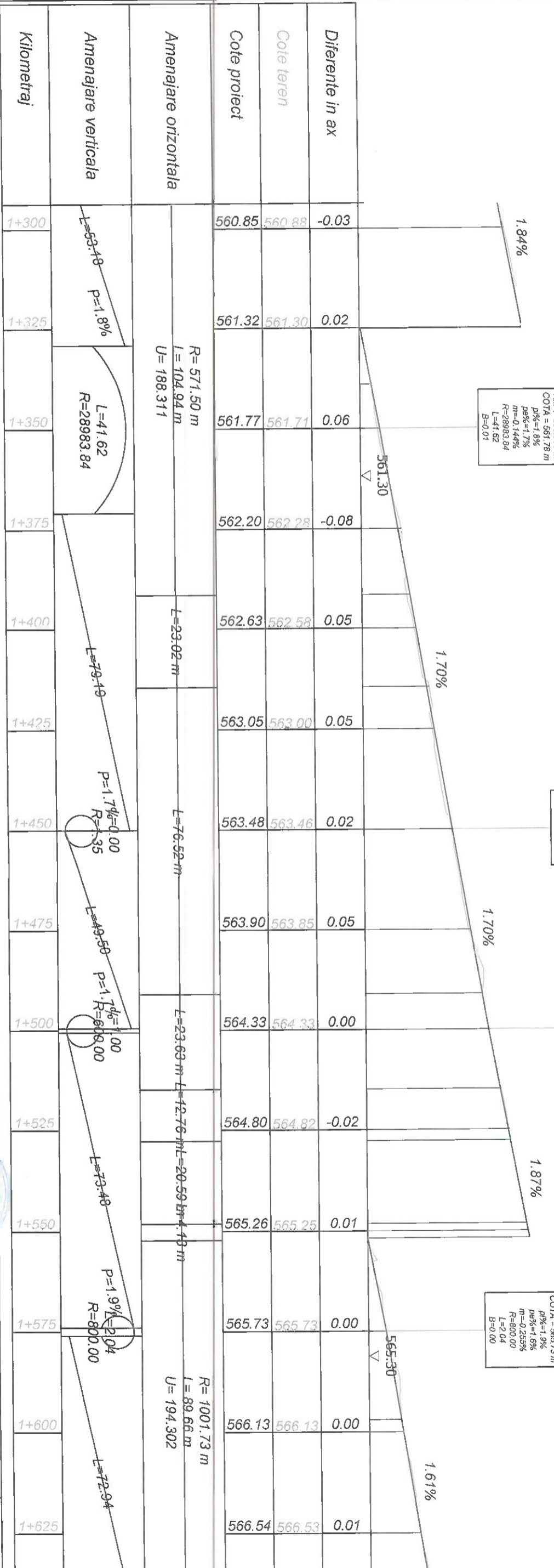
Titlu planşa: **PROFIL LONGITUDINAL TRASEUL 2**



Kilometraj	Cote teren		Diferente in ax
	Actual	Proposed	
0+975	555.52	555.49	0.03
1+000	555.98	555.96	0.02
1+025	556.91	556.91	0.00
1+050	557.04	557.01	0.03
1+075	557.13	557.16	-0.03
1+100	557.46	557.48	-0.02
1+125	557.91	557.93	-0.01
1+150	558.37	558.31	0.05
1+175	558.82	558.89	-0.08
1+200	559.26	559.24	0.03
1+225	559.64	559.59	0.05
1+250	560.02	560.01	0.00
1+275	560.39	560.39	0.00
1+300	560.85	560.88	-0.03

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		HENTZA BUSINESS <small>SOCIETATE CU RASPUNDABILITATE LIMITATA</small>	
Sef Proiect: Ing. A. Buta		Scara: 1:1000/1:100	
Proiectat: Ing. A. Buta		Data: 07/2023	
Desena: Ing. S. Patroi			
Verificat:			
Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007		Nr. proiect: 73 / 2020	
Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE		Faza: P.T.	
Titlu planse: PROFIL LONGITUDINAL TRASEUL 2		Nr. planse: PL 22	



Cote teren	Cote proiect	Diferente in ax	
		1+300	1+325
560.85	560.88	-0.03	
561.32	561.30	0.02	
561.77	561.71	0.06	
562.20	562.28	-0.08	
562.63	562.58	0.05	
563.05	563.00	0.05	
563.48	563.46	0.02	
563.90	563.85	0.05	
564.33	564.33	0.00	
564.80	564.82	-0.02	
565.26	565.25	0.01	
565.73	565.73	0.00	
566.13	566.13	0.00	
566.54	566.53	0.01	

Amenajare orizontala	Kilometraj	Amenajare verticala	
		1+300	1+325
R=571.50 m l=104.94 m U=188.311	1+300		
	1+325		
	1+350		
	1+375		
	1+400		
	1+425		
	1+450		
	1+475		
	1+500		
	1+525		
	1+550		
	1+575		
	1+600		
	1+625		

Index	Data	Observatii	Rev. 5
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MUNICIPIUL BRASOV
Bulevardul Eroilor 8, Brasov 500007

Beneficiar:

Ing. A. Buta

Ing. A. Buta

Ing. S. Patroi

Scara

1:1000/1:100

Data

07/2023

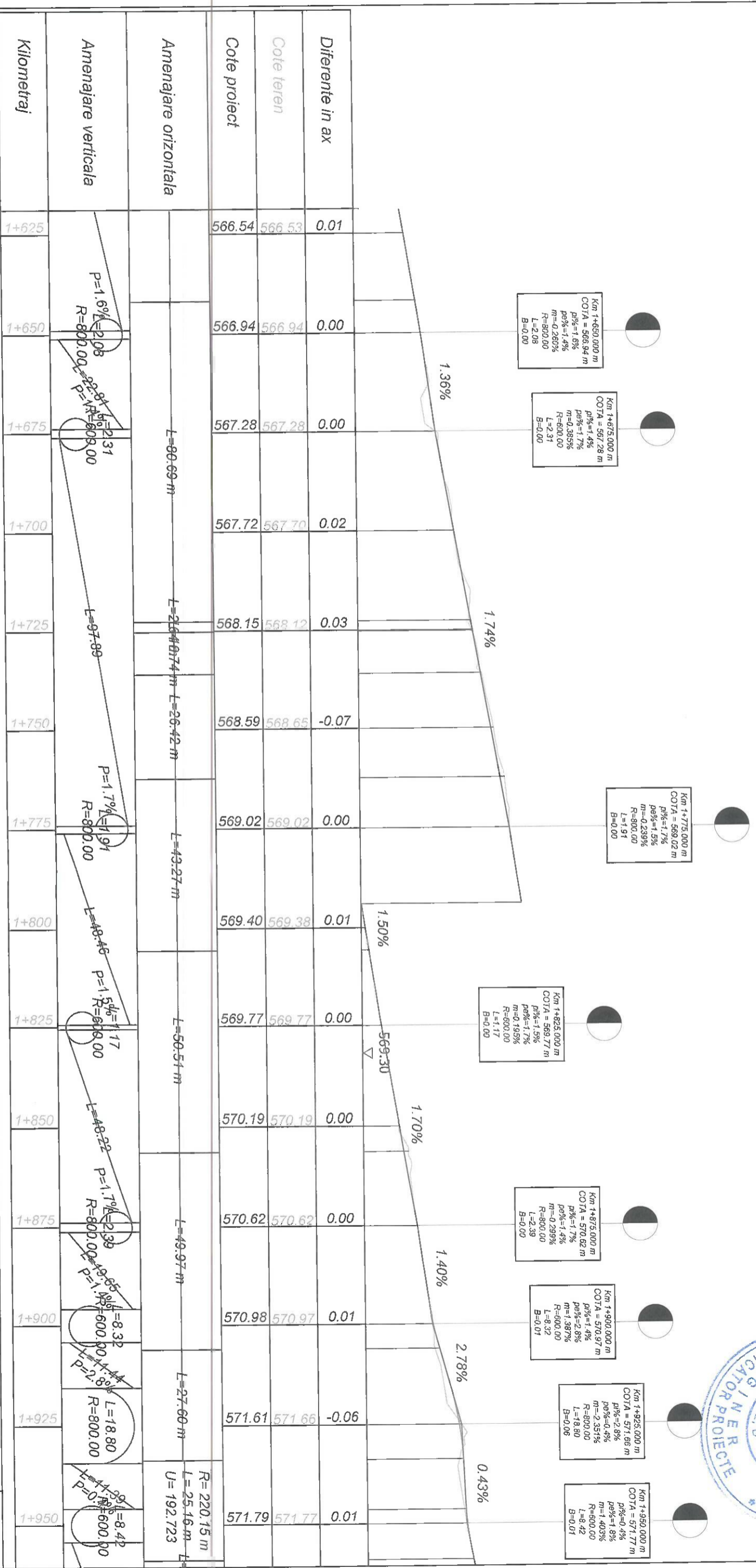
Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE

Titlu planse: PROFIL LONGITUDINAL TRASEUL 2

Nr. proiect: 73 / 2020

Faza: P.T.

Nr. planse: PL 23



Diferente in ax	
0.01	0.01
0.00	0.00
0.00	0.00
0.02	0.02
0.03	0.03
-0.07	-0.07
0.00	0.00
0.01	0.01
0.00	0.00
0.00	0.00
0.00	0.00
0.01	0.01
0.00	0.00
0.01	0.01
0.00	0.00
0.01	0.01
-0.06	-0.06
0.01	0.01

Cote teren	
566.54	566.53
566.94	566.94
567.28	567.28
567.72	567.70
568.15	568.12
568.59	568.65
569.02	569.02
569.40	569.38
569.77	569.77
570.19	570.19
570.62	570.62
570.98	570.97
571.61	571.66
571.79	571.77

Cote proiect	
566.54	566.53
566.94	566.94
567.28	567.28
567.72	567.70
568.15	568.12
568.59	568.65
569.02	569.02
569.40	569.38
569.77	569.77
570.19	570.19
570.62	570.62
570.98	570.97
571.61	571.66
571.79	571.77

Amenajare orizontala	
L=80.69 m	L=26.42 m
L=26.42 m	L=43.27 m
L=50.51 m	L=49.97 m
L=27.60 m	L=27.60 m
L=25.16 m	L=192.723

Amenajare verticala	
P=1.6% L=2.08 R=800.00	P=1.7% L=1.91 R=800.00
P=1.5% L=1.17 R=800.00	P=1.7% L=2.39 R=800.00
P=1.7% L=8.32 R=18.80	P=1.8% L=18.80 R=800.00
P=0.1% L=8.42 R=600.00	P=0.1% L=8.42 R=600.00

Kilometraj	
1+625	1+650
1+650	1+675
1+675	1+700
1+700	1+725
1+725	1+750
1+750	1+775
1+775	1+800
1+800	1+825
1+825	1+850
1+850	1+875
1+875	1+900
1+900	1+925
1+925	1+950



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MUNICIPIUL BRASOV

Bulevardul Eroilor 8, Brasov 500007

Nr. proiect: 73 / 2020

Beneficiar: **MUNICIPIUL BRASOV**

Beneficiari: **AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE**

Titlu planșă: **PROFIL LONGITUDINAL TRASEUL 2**

Nr. planșă: PL 24

Sefer proiect: Ing. A. Buta

Proiectant: Ing. A. Buta

Desenat: Ing. S. Patroi

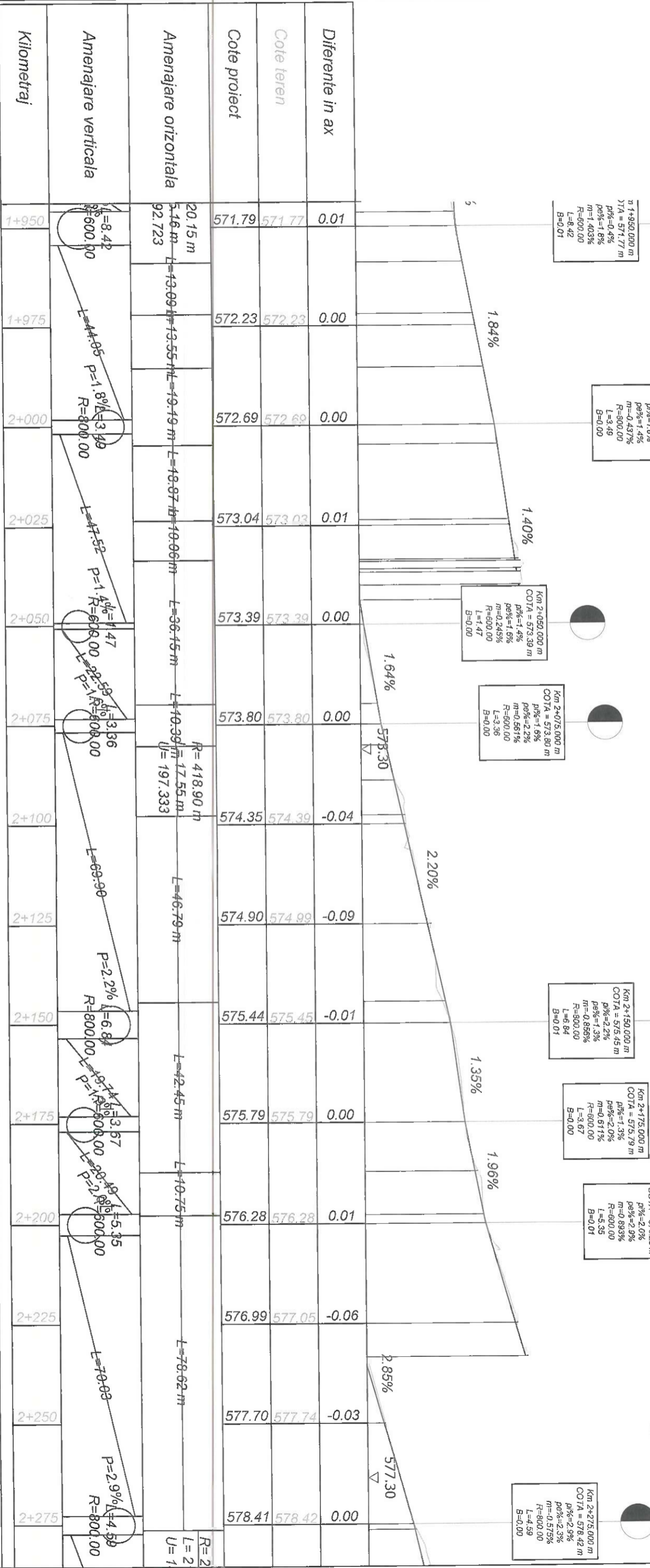
Data: 07/2023

Scara: 1:1000/1:100

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Kilometraj	1+950	1+975	2+000	2+025	2+050	2+075	2+100	2+125	2+150	2+175	2+200	2+225	2+250	2+275	
Diferente in ax	0.01	0.00	0.00	0.01	0.00	0.00	-0.04	-0.09	-0.01	0.00	0.01	-0.06	-0.03	0.00	
Cote teren	571.79	572.23	572.69	573.04	573.39	573.80	574.35	574.90	575.44	575.79	576.28	576.99	577.70	578.41	
Cote proiect	571.77	572.23	572.69	573.03	573.39	573.80	574.39	574.99	575.45	575.79	576.28	577.05	577.74	578.42	
Amenajare orizontala	20.15 m	5.16 m	92.723	13.09 m	13.55 m	19.19 m	48.97 m	10.06 m	36.15 m	40.39 m	17.55 m	46.79 m	42.45 m	10.75 m	76.62 m
Amenajare verticala	$R=8.42$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	$L=14.05$ $P=1.84\%$ $R=800.00$	

Index	Data	Observatii
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Municipiul Brasov

Bulevardul Eroilor 8, Brasov 500007

Nr. proiect: 78 / 2020

Faza: P.T.

Nr. planasa: PL 25

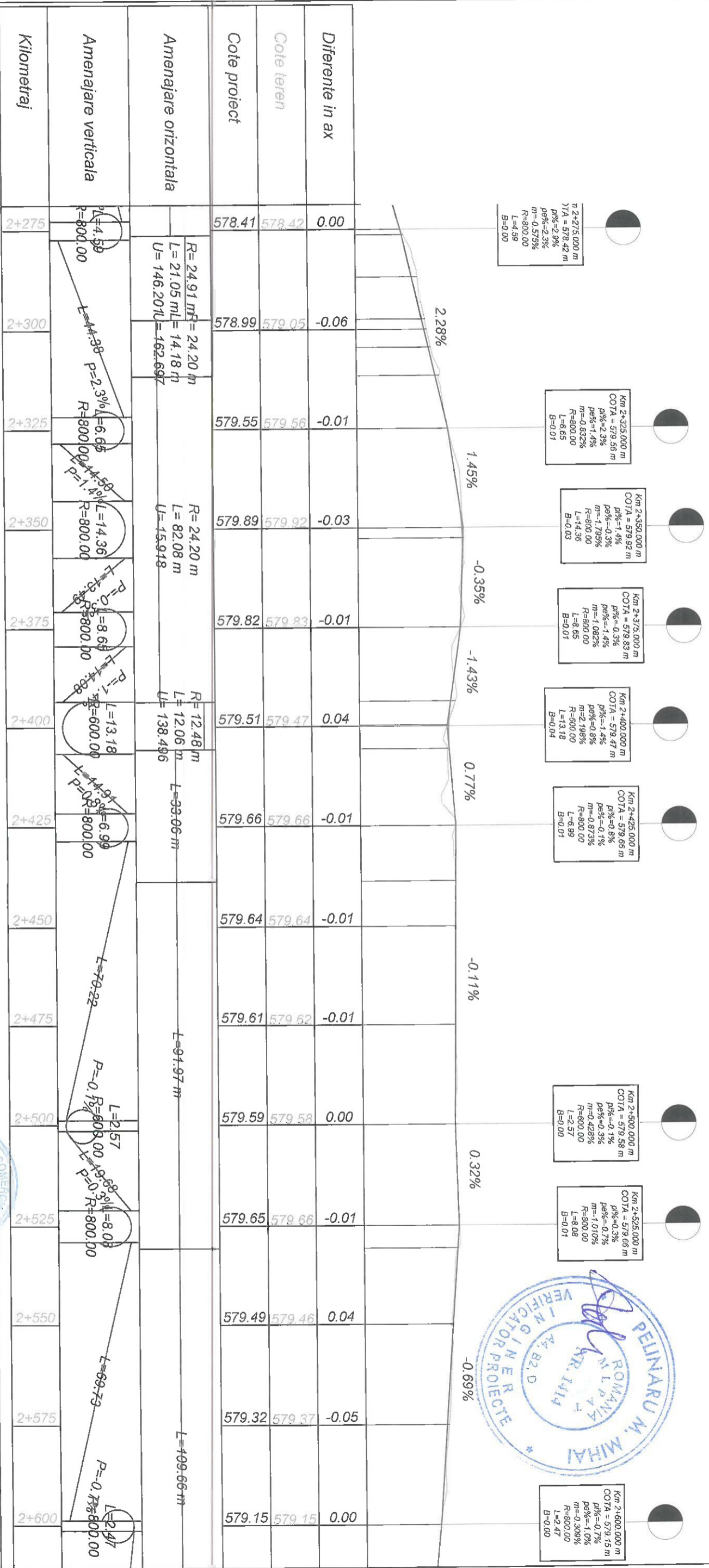
Beneficiar: **Municipiul Brasov**

Titlu proiect: **AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE**

Titlu planasa: **PROFIL LONGITUDINAL TRASEUL 2**

Scara: 1:1000/1:100

Data: 07/2023



n=2+275,000 m
 yTA = 578.42 m
 p%=-2.9%
 m=-0.575%
 R=800.00
 L=4.59
 B=0.00

Km 2+325,000 m
 COTA = 579.56 m
 p%=-2.3%
 pe%=-1.4%
 m=-0.832%
 R=800.00
 L=6.65
 B=0.01

Km 2+350,000 m
 COTA = 579.92 m
 p%=-1.4%
 pe%=-0.3%
 m=-1.759%
 R=800.00
 L=14.36
 B=0.03

Km 2+375,000 m
 COTA = 579.83 m
 p%=-0.3%
 pe%=-1.4%
 m=-1.082%
 R=800.00
 L=8.65
 B=0.01

Km 2+400,000 m
 COTA = 579.47 m
 p%=-1.4%
 pe%=-0.8%
 m=-2.198%
 R=800.00
 L=13.18
 B=0.04

Km 2+425,000 m
 COTA = 579.66 m
 p%=-0.8%
 pe%=-0.1%
 m=-0.873%
 R=800.00
 L=8.99
 B=0.01

Km 2+500,000 m
 COTA = 579.58 m
 p%=-0.1%
 pe%=-0.3%
 m=-0.428%
 R=800.00
 L=2.57
 B=0.00

Km 2+525,000 m
 COTA = 579.66 m
 p%=-0.3%
 pe%=-0.7%
 m=-1.010%
 R=800.00
 L=8.08
 B=0.01

Km 2+600,000 m
 COTA = 579.15 m
 p%=-0.7%
 pe%=-1.0%
 m=-0.309%
 R=800.00
 L=2.47
 B=0.00



Diferente in ax	Cote teren	Cote proiect
0.00	578.42	578.41
-0.06	579.05	578.99
-0.01	579.56	579.55
-0.03	579.92	579.89
-0.01	579.83	579.82
0.04	579.47	579.51
-0.01	579.66	579.66
-0.01	579.64	579.64
-0.01	579.62	579.61
0.00	579.58	579.59
-0.01	579.66	579.65
0.04	579.46	579.49
-0.05	579.37	579.32
0.00	579.15	579.15

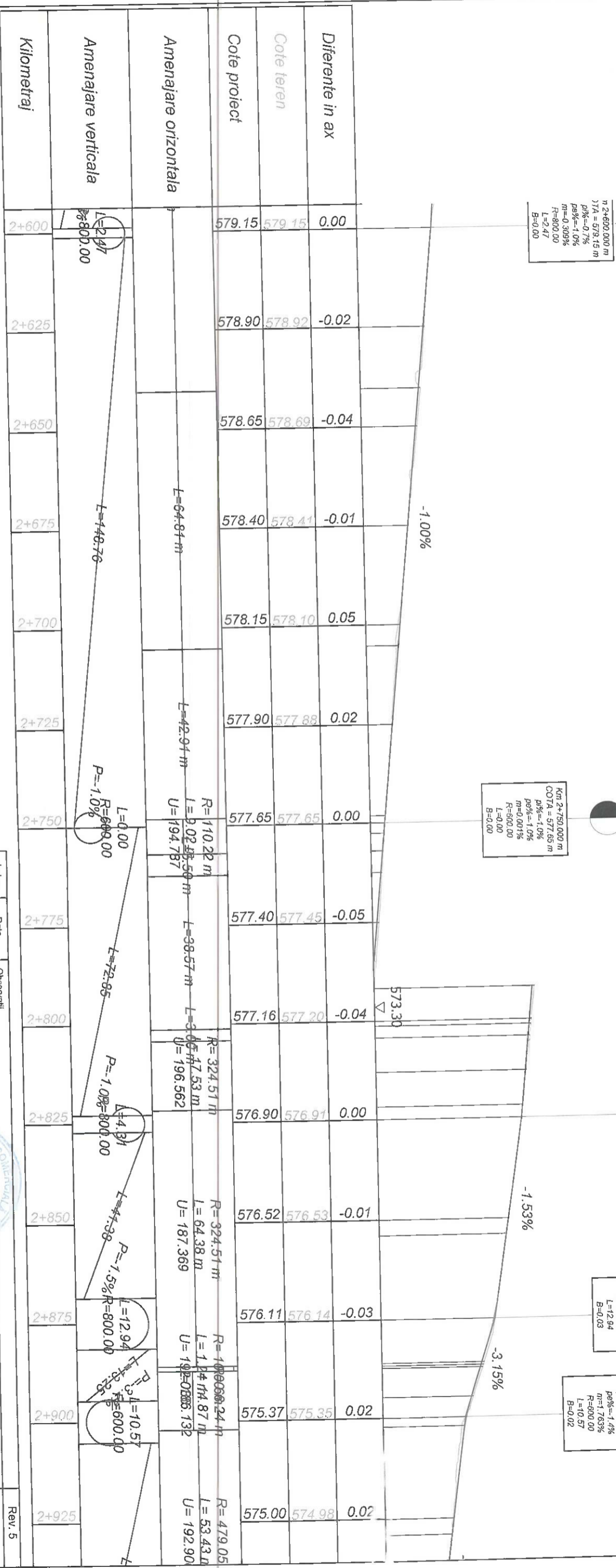
Amplasare orizontala	Amplasare verticala	Kilometraj
R=24.91 m L=21.05 m U=146.20 m	P=4.59 R=800.00	2+275
R=24.20 m L=82.08 m U=15.918	L=14.36 R=800.00	2+300
R=24.20 m L=12.06 m U=138.496	P=2.3% L=6.65 R=800.00	2+325
R=12.48 m L=13.18 m U=600.00	L=14.36 R=800.00	2+350
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+375
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+400
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+425
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+450
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+475
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+500
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+525
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+550
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+575
R=12.48 m L=33.06 m U=91.97 m	P=1.4% L=14.36 R=800.00	2+600

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HENTZA BUSINESS
 Ing. A. Buta
 Ing. S. Patroi
 Data: 07/2023

MUNICIPALITATEA BRASOV
 Bulevardul Eroilor 8, Brasov 500007
 Nr. proiect: 73 / 2020
 Faaza P.T.

Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADIACENTE
 Titlu planşa: PROFIL LONGITUDINAL TRASEUL 2
 Nr. planşa PL 26



n 2+600.000 m
 n 1A = 579.15 m
 p1% = -0.7%
 p2% = -1.0%
 m = 0.309%
 R = 800.00
 L = 2.47
 B = 0.00

Km 2+750.000 m
 COTA = 577.65 m
 p1% = -1.0%
 p2% = -1.0%
 m = 0.001%
 R = 500.00
 L = 0.00
 B = 0.00

Km 2+825.000 m
 COTA = 576.91 m
 p1% = -1.0%
 p2% = -1.5%
 m = 0.538%
 R = 800.00
 L = 4.31
 B = 0.00

Km 2+875.000 m
 COTA = 576.14 m
 p1% = -1.5%
 p2% = -3.2%
 m = -1.619%
 R = 800.00
 L = 12.94
 B = 0.03

Km 2+900.000 m
 COTA = 575.35 m
 p1% = -3.2%
 p2% = -1.4%
 m = 1.765%
 R = 600.00
 L = 10.57
 B = 0.02

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	2+600		
	2+625		
	2+650		
	2+675		
	2+700		
	2+725		
	2+750		
	2+775		
	2+800		
	2+825		
	2+850		
	2+875		
	2+900		
	2+925		



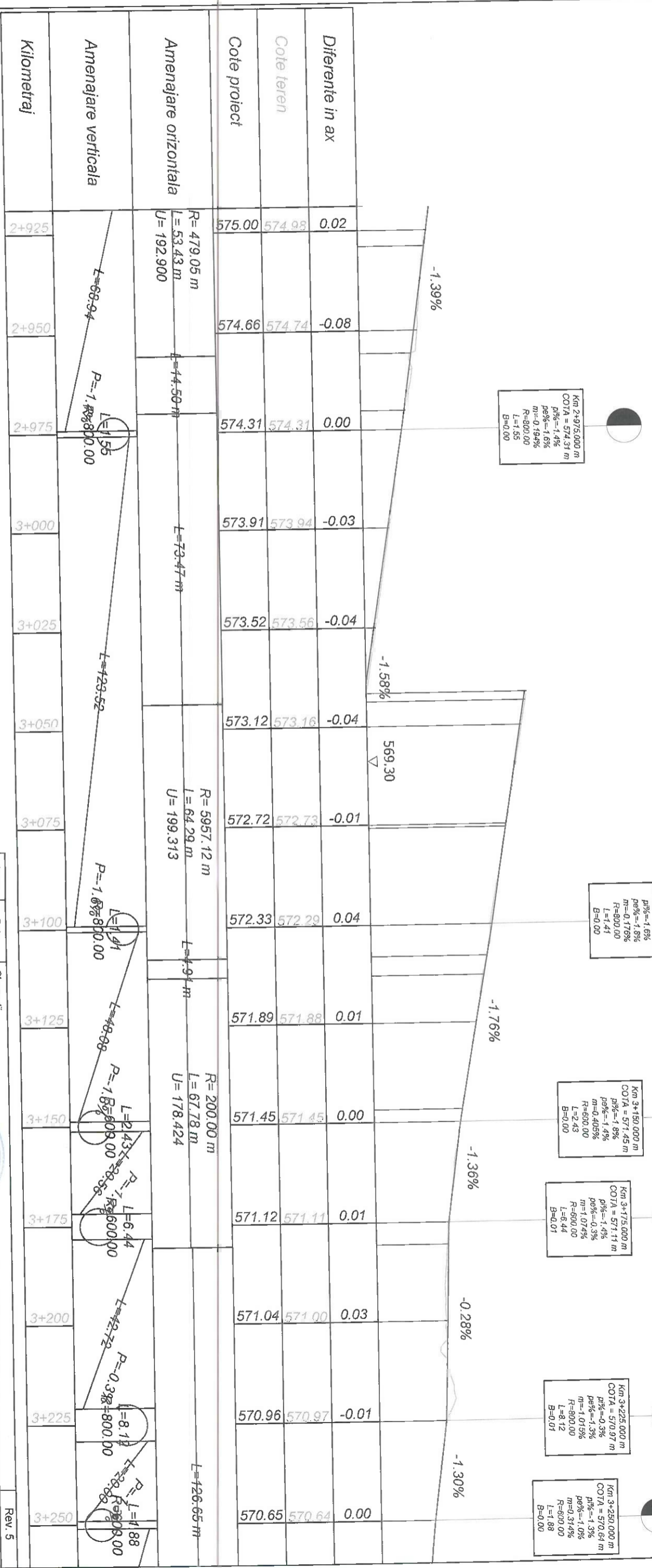
Ing. A. Buta
 Ing. S. Patroiu
 07/2023

Beneficiar:
MUNICIPIUL BRASOV
 Bulevardul Eroilor 8, Brasov 500007

Titlu proiect: AMENAJARE BENZI DEDICATE
 TRANSPORTULUI PUBLIC IN MUNICIPIUL
 BRASOV SI TROTUARE ADJACENTE
Titlu planşa: PROFIL LONGITUDINAL
 TRASEUL 2



Nr. proiect: 73 / 2020
 Faza: P.T.
 Nr. planşa: PL 27



Km 2+975,000 m
 COTA = 574.31 m
 p% = -1.4%
 pe% = -1.6%
 m = -0.194%
 R = 800.00
 L = 1.55
 B = 0.00

Km 3+100,000 m
 COTA = 572.33 m
 p% = -1.6%
 pe% = -1.8%
 m = -0.176%
 R = 800.00
 L = 1.41
 B = 0.00

Km 3+150,000 m
 COTA = 571.45 m
 p% = -1.4%
 pe% = -1.6%
 m = -0.405%
 R = 600.00
 L = 2.43
 B = 0.00

Km 3+175,000 m
 COTA = 571.11 m
 p% = -1.4%
 pe% = -1.3%
 m = -1.07%
 R = 600.00
 L = 6.44
 B = 0.01

Km 3+225,000 m
 COTA = 570.97 m
 p% = -0.3%
 pe% = -1.3%
 m = -1.01%
 R = 800.00
 L = 8.12
 B = 0.01

Km 3+250,000 m
 COTA = 570.64 m
 p% = -1.3%
 pe% = -1.0%
 m = -0.314%
 R = 600.00
 L = 1.88
 B = 0.00

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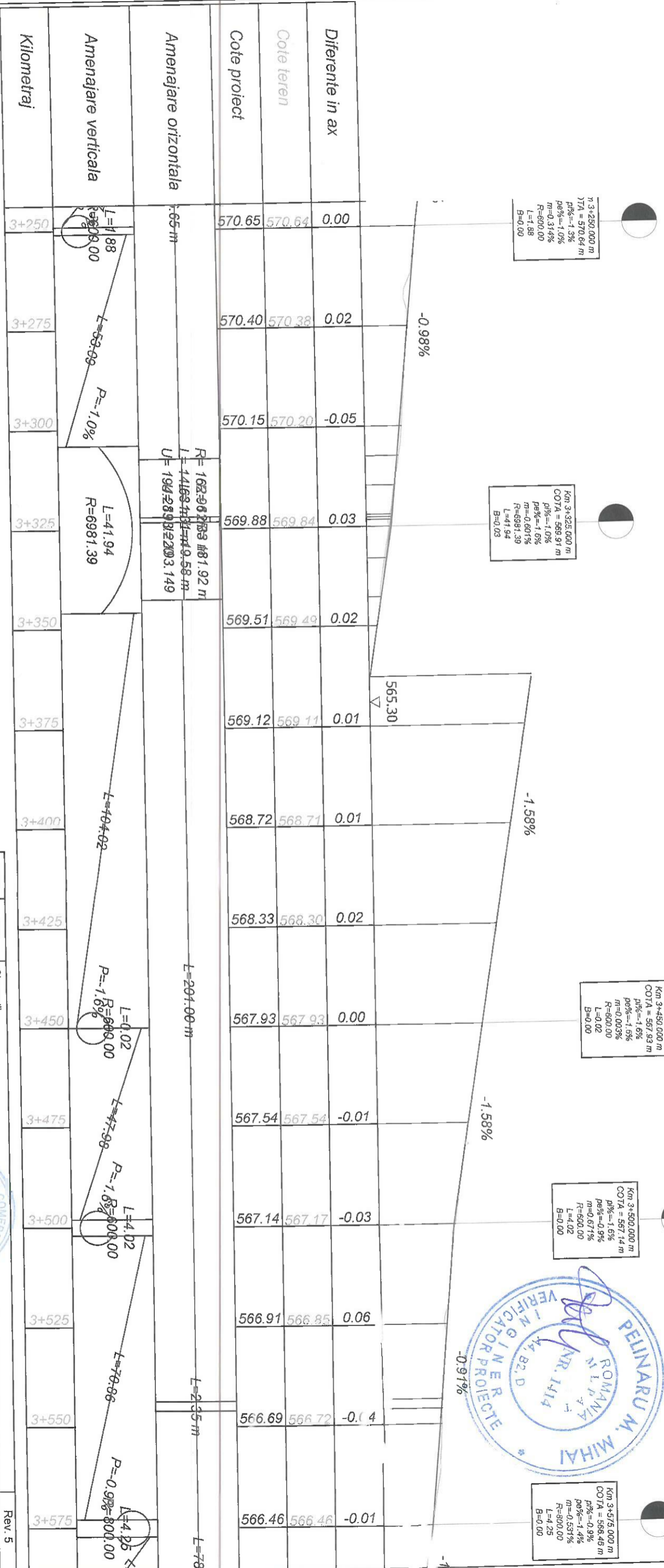
Beneficiar:	Municipiul Brasov Bulevardul Eroilor 8, Brasov 500007	Nr. proiect:	79 / 2020
Titlu proiect:	AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	Faza:	P.T.
Titlu planse:	PROFIL LONGITUDINAL TRASEUL 2	Nr. planse:	PL 28

Scara:	1:1000/1:100
Data:	07/2023

Verificat:	
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HENTZA BUSINESS
 SOCIETATEA CU RASPUNDABILITATE LIMITATA
 WWW.HENTZA.BY
 Strada 14, Nr. 14, Brasov, Romania
 Tel: +40371 424 242



Km 3+250.000 m
 COTA = 570.64 m
 p% = -1.3%
 pe% = -1.0%
 m = 0.314%
 R = 600.00
 L = 1.88
 B = 0.00

Km 3+325.000 m
 COTA = 569.91 m
 p% = -1.0%
 pe% = -1.0%
 m = 0.501%
 R = 6981.39
 L = 41.94
 B = 0.03


Km 3+450.000 m
 COTA = 567.93 m
 p% = -1.5%
 pe% = -1.6%
 m = 0.003%
 R = 600.00
 L = 0.02
 B = 0.00

Km 3+500.000 m
 COTA = 567.14 m
 p% = -1.6%
 pe% = -0.9%
 m = 0.671%
 R = 600.00
 L = 4.02
 B = 0.00

Km 3+575.000 m
 COTA = 566.46 m
 p% = -0.9%
 pe% = -1.4%
 m = 0.531%
 R = 600.00
 L = 4.25
 B = 0.00



Index	Data	Observatii	Rev. 5
A			
	3+250		
	3+275		
	3+300		
	3+325		
	3+350		
	3+375		
	3+400		
	3+425		
	3+450		
	3+475		
	3+500		
	3+525		
	3+550		
	3+575		



HENTZA BUSINESS

WIRTSCHAFTS-UNIVERSITÄT
 17 Buzăi Str. 8 Etaj 4, Valeriu Brivu, Tel. +4037 435.436, Email: info@hentza.ro

Self Project: Ing. A. Buta
 Proiectat: Ing. A. Buta
 Desenat: Ing. S. Patroli

Verificat: _____

MUNICIPIUL BRASOV
 Bulevardul Eroilor 8, Brasov 500007

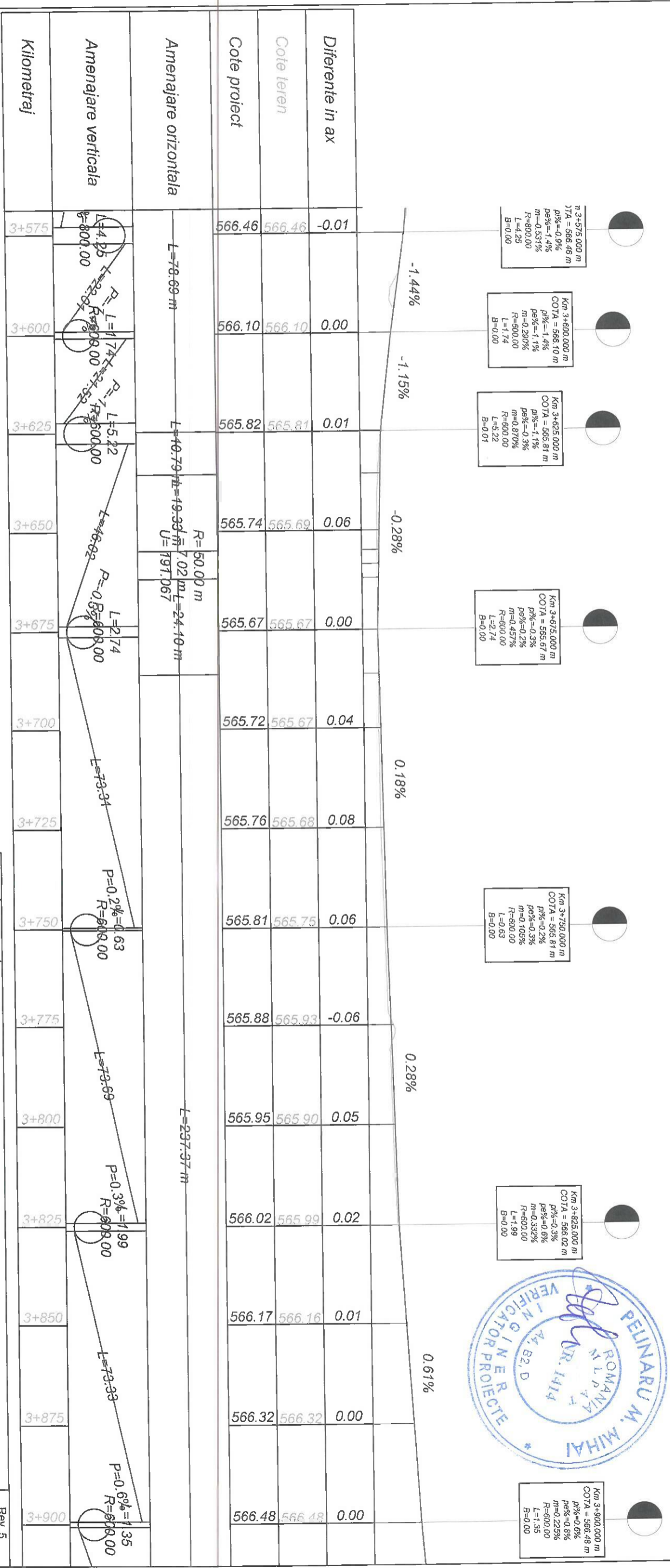
Nr. proiect: 73 / 2020

Faza: P.T.

Titrul planșei: PROFIL LONGITUDINAL TRASEUL 2

Nr. planșă: PL 29

Scara: 1:1000/1:100
 Data: 07/2023



Statiune	Cote teren	Cote proiect	Diferente in ax
3+575	566.46	566.46	-0.01
3+600	566.10	566.10	0.00
3+625	565.82	565.81	0.01
3+650	565.74	565.69	0.06
3+675	565.67	565.67	0.00
3+700	565.72	565.67	0.04
3+725	565.76	565.68	0.08
3+750	565.81	565.75	0.06
3+775	565.88	565.93	-0.06
3+800	565.95	565.90	0.05
3+825	566.02	565.99	0.02
3+850	566.17	566.16	0.01
3+875	566.32	566.32	0.00
3+900	566.48	566.48	0.00

Statiune	Amplasament	Amplasament	Amplasament
3+575	L=4.25	L=2.25	R=800.00
3+600	L=1.74	L=2.25	R=500.00
3+625	L=5.12	L=1.74	R=500.00
3+650	L=4.69	L=4.69	R=0.39
3+675	L=2.74	L=2.74	R=600.00
3+700	L=7.31	L=7.31	P=0.2%
3+725	L=7.31	L=7.31	R=600.00
3+750	L=7.31	L=7.31	P=0.2%
3+775	L=7.31	L=7.31	R=600.00
3+800	L=7.31	L=7.31	P=0.3%
3+825	L=7.31	L=7.31	R=600.00
3+850	L=7.31	L=7.31	P=0.3%
3+875	L=7.31	L=7.31	R=600.00
3+900	L=7.31	L=7.31	P=0.6%

Index	Data	Observatii	Rev.
A			5



HENTZA BUSINESS

www.hentza.ro

Str. Proiectantilor, 17 Bucuresti, Romania

Self Project: Ing. A. Buta

Proiectat: Ing. A. Buta

Desenat: Ing. S. Patroi

Data: 07/2023

BENEFICIAR:

MUNICIPIUL BRASOV

Bulevardul Eroilor 8, Brasov 500007

TITLU PROIECT:

AMENAJARE BENZI DEDICATE

TRANSPORTULUI PUBLIC IN MUNICIPIUL

BRASOV SI TROTUARE ADJACENTE

TITLU PLANSA:

PROFIL LONGITUDINAL

TRASEUL 2

Nr. proiect: 73 / 2020

Faza: P.T.

Nr. planşa: PL 30

Rev. 5

n 3+900.000 m
 17A = 566.48 m
 p1% = 0.6%
 p2% = 0.6%
 m = 0.225%
 R = 600.00
 L = 1.35
 B = 0.00

Km 3+950.000 m
 COTA = 566.90 m
 p1% = 0.6%
 p2% = 0.4%
 m = 0.457%
 R = 800.00
 L = 3.66
 B = 0.00

Km 4+050.000 m
 COTA = 567.28 m
 p1% = 0.4%
 p2% = 0.6%
 m = 0.372%
 R = 600.00
 L = 2.24
 B = 0.00

Km 4+150.000 m
 COTA = 568.04 m
 p1% = 0.3%
 p2% = 1.0%
 m = 0.290%
 R = 600.00
 L = 1.74
 B = 0.00



		0.84%		0.38%		0.76%		1.05%							
		L=29.26 m		L=43.26 m		L=36.94 m		L=53.79 m							
Diferente in ax		0.00	-0.02	0.00	0.02	-0.04	0.04	0.02	0.00	0.00	-0.07	0.05			
Cote teren		566.48	566.70	566.90	566.95	567.07	567.22	567.51	567.62	567.83	568.04	568.30	568.62	568.78	
Cote proiect		566.48	566.69	566.90	566.99	567.09	567.19	567.28	567.47	567.66	567.85	568.04	568.30	568.56	568.82
Amenajare orizontala															
Amenajare verticala															
Kilometraj		3+900	3+925	3+950	3+975	4+000	4+025	4+050	4+075	4+100	4+125	4+150	4+175	4+200	4+225

HENTZA BUSINESS

Ing. A. Buta
 Ing. S. Patroi

Scara 1:1000/1:100
 Data 07/2023

MUNICIPIUL BRASOV
 Bulevardul Eroilor 8, Brasov 500007

Faza P.T.
 Nr. planșa PL 31

Beneficiar: **MUNICIPIUL BRASOV**

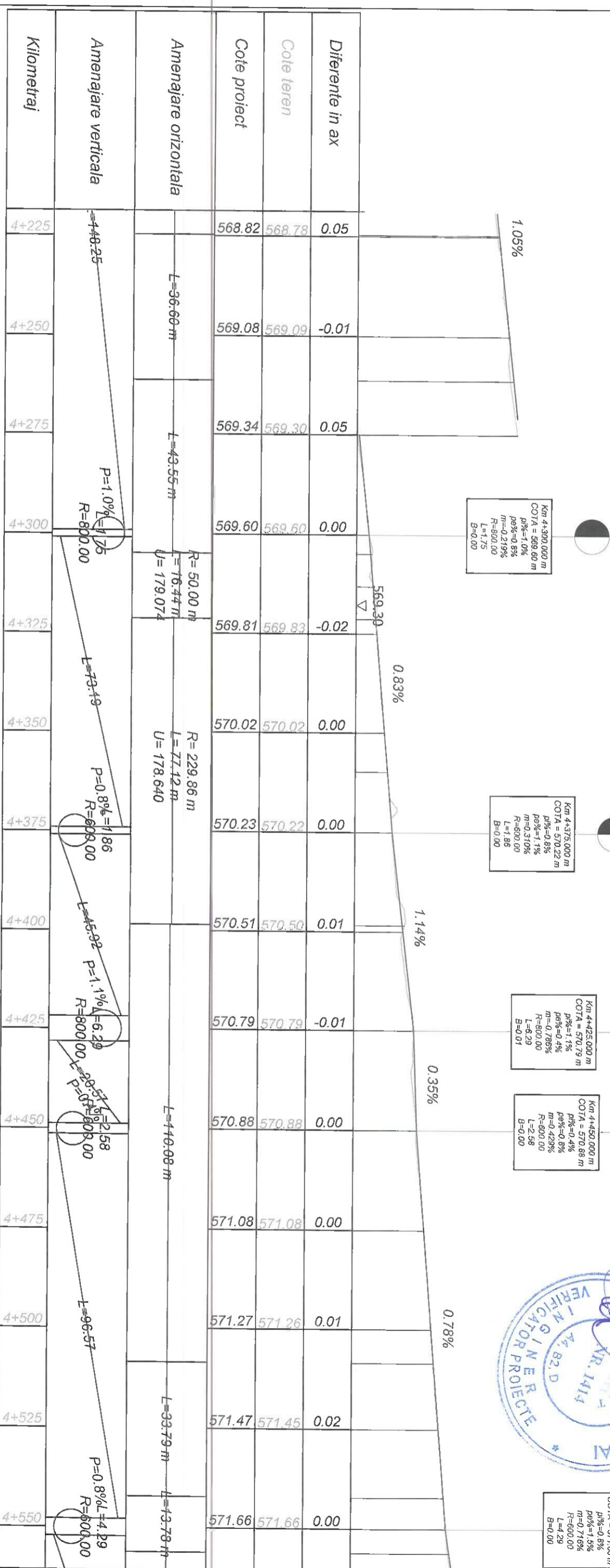
Titlu proiect: **AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE**

Titlu planșa: **PROFIL LONGITUDINAL TRASEUL 2**

Index A

Data Observatii

Rev. 5



Km 4+300.000 m
 COTA = 569.60 m
 p% = 1.0%
 p% = 0.8%
 m = 0.219%
 R = 800.00
 L = 1.75
 B = 0.00

Km 4+375.000 m
 COTA = 570.22 m
 p% = 0.8%
 p% = 1.1%
 m = 0.310%
 R = 600.00
 L = 1.86
 B = 0.00

Km 4+425.000 m
 COTA = 570.79 m
 p% = 1.1%
 p% = 0.4%
 m = 0.785%
 R = 600.00
 L = 6.29
 B = 0.01


Km 4+450.000 m
 COTA = 570.88 m
 p% = 0.4%
 p% = 0.8%
 m = 0.429%
 R = 600.00
 L = 2.86
 B = 0.00

Km 4+550.000 m
 COTA = 571.66 m
 p% = 0.8%
 p% = 1.5%
 m = 0.716%
 R = 600.00
 L = 4.28
 B = 0.00



Index	Data	Observatii	Rev. 5
A			

Station	Elevation	Horizontal Curve (L, R)	Vertical Curve (Lp, P)
4+225	568.82		
4+250	569.08	L=36.60 m	
4+275	569.34	L=43.55 m	
4+300	569.60	R=50.00 m, L=16.44 m, U=179.074	P=1.0%, Lp=1.75, R=800.00
4+325	569.81		
4+350	570.02	R=229.86 m, L=77.12 m, U=178.640	P=0.8%, Lp=1.86, R=600.00
4+375	570.23		
4+400	570.51		
4+425	570.79	L=45.92, P=1.1%, Lp=6.29, R=800.00	
4+450	570.88	L=140.08 m	
4+475	571.08		
4+500	571.27	L=96.57	
4+525	571.47	L=33.79 m	
4+550	571.66	L=43.78 m	P=0.8%, Lp=4.29, R=600.00



HENTZA BUSINESS

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 Email: info@hentza.ro, hentza@hentza.ro

Yvonne Jantzi
 Ingt. A. Buta
 Ingt. S. Patroi

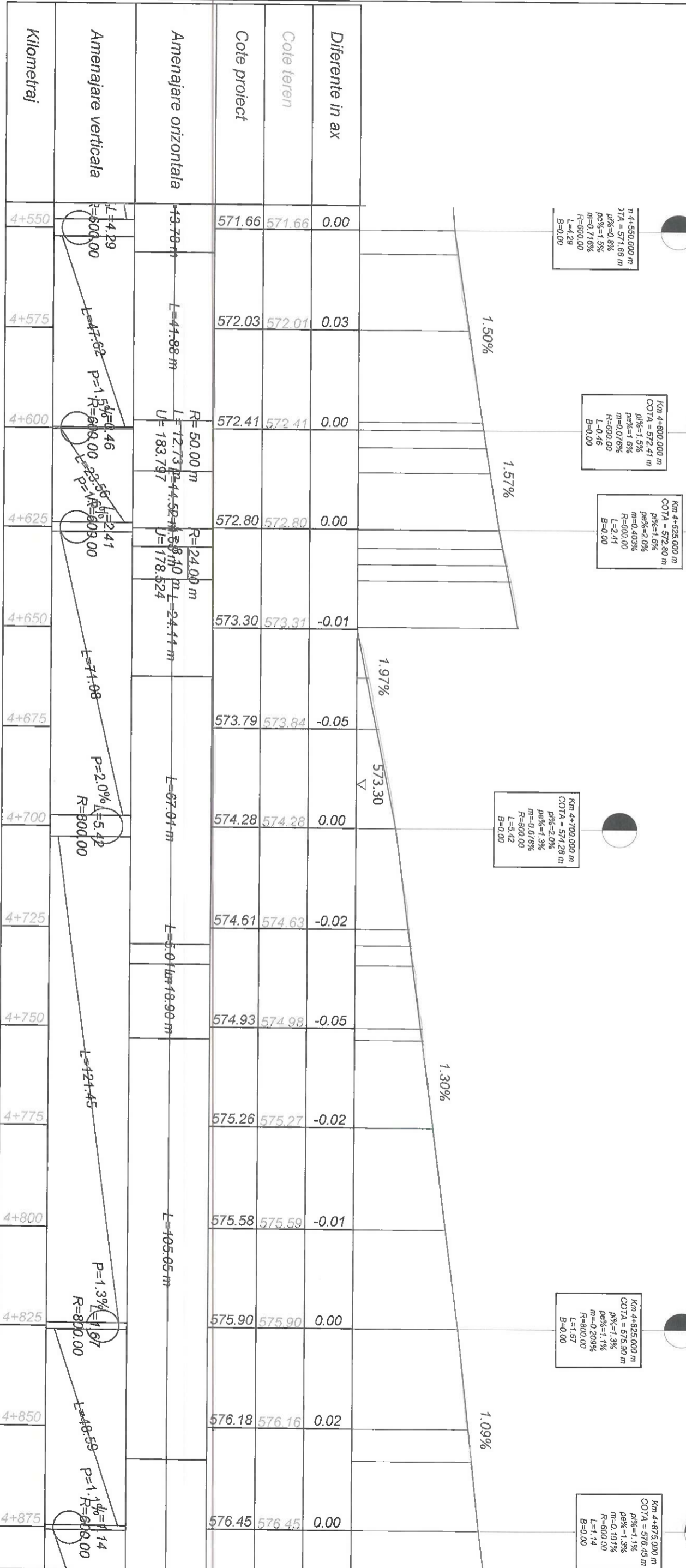
Scara: 1:1000/1:100
 Data: 07/2023

BENEFICIAR:
 MUNICIPIUL BRASOV
 Bulevardul Eroilor 8, Braşov 500007

TITLU PROIECT:
 AMENAJARE BENZI DEDICATE
 TRANSPORTULUI PUBLIC IN MUNICIPIUL
 BRASOV SI TROTUARE ADJACENTE

TITLU PLANSA:
 PROFIL LONGITUDINAL
 TRASEUL 2

Nr. proiect: 73 / 2020
 Faza: P.T.
 Nr. planşa: PL 32



n=4550.000 m
 JTA = 571.66 m
 p1% = 0.8%
 p2% = 1.5%
 m = 0.7168
 R = 500.00
 L = 4.29
 B = 0.00

Km 4+600.000 m
 COTA = 572.41 m
 p1% = 1.5%
 p2% = 1.6%
 m = 0.403%
 R = 600.00
 L = 0.46
 B = 0.00

Km 4+625.000 m
 COTA = 572.80 m
 p1% = 1.6%
 p2% = 2.0%
 m = 0.403%
 R = 600.00
 L = 2.41
 B = 0.00

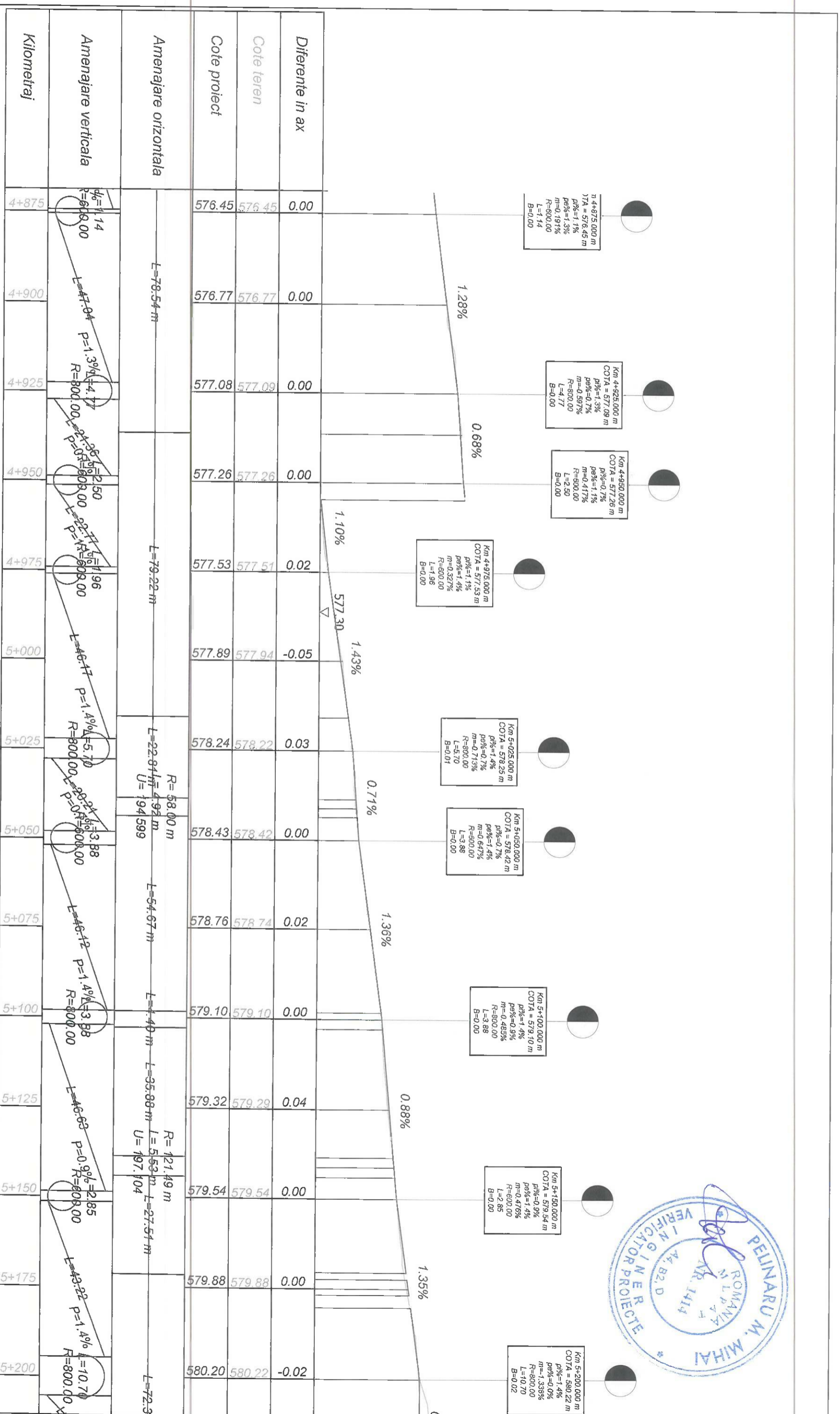
Km 4+700.000 m
 COTA = 574.28 m
 p1% = 2.0%
 p2% = 1.3%
 m = 0.678%
 R = 800.00
 L = 5.42
 B = 0.00

Km 4+825.000 m
 COTA = 575.90 m
 p1% = 1.3%
 p2% = 1.1%
 m = 0.209%
 R = 800.00
 L = 1.67
 B = 0.00

Km 4+875.000 m
 COTA = 576.45 m
 p1% = 1.1%
 p2% = 1.3%
 m = 0.191%
 R = 600.00
 L = 1.14
 B = 0.00

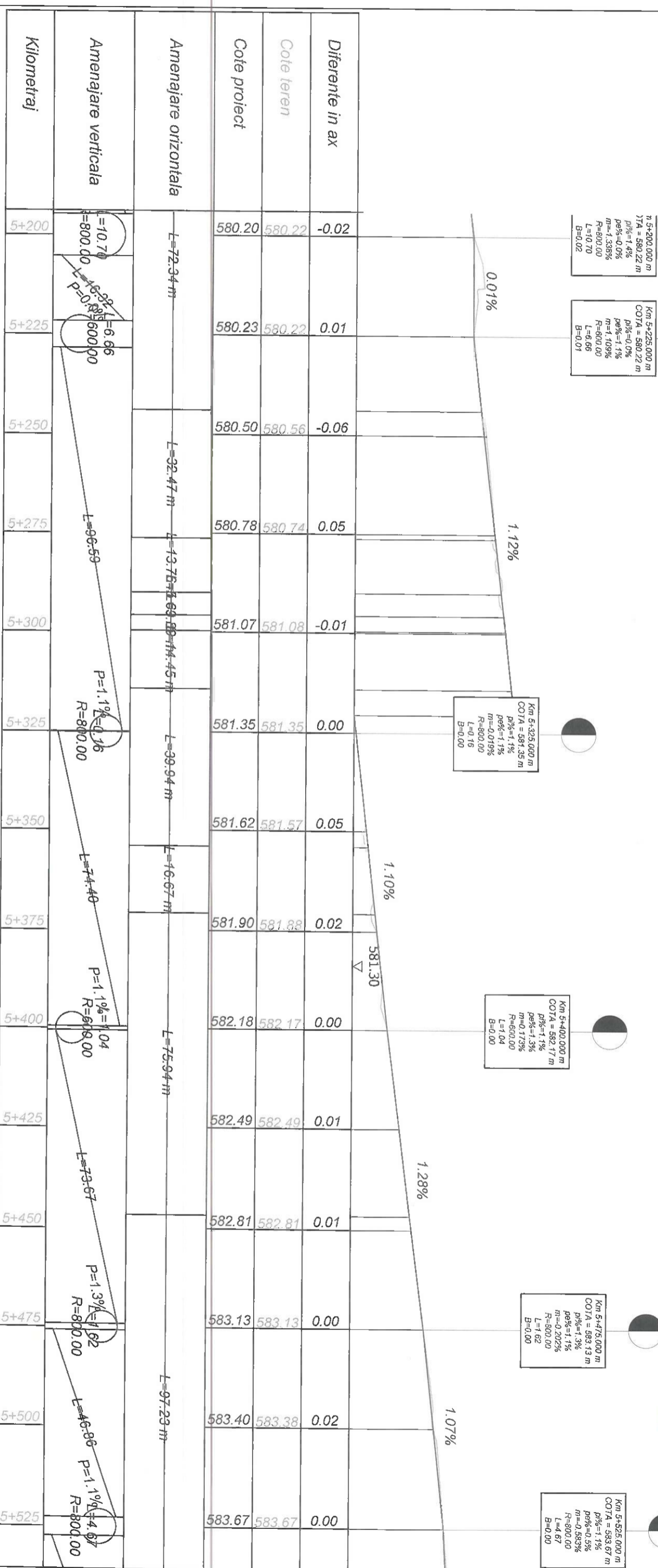
Index	Data	Observatii	Rev.
A			5

		BENEFICIAR: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	
Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	Scara: 1:1000/1:100	Data: 07/2023	Nr. proiect: 73 / 2020
Proiectat: Ing. A. Buta	Desenat: Ing. S. Patroi	Titlu planse: PROFIL LONGITUDINAL TRASEUL 2	Faza P.T.: Nr. planse PL 33



Index	Data	Observatii
A		

Sesiune de proiectare nr. 17/2023 din 13.08.2023 Serv. Proiectare Proiectat: Ing. A. Buta Desenat: Ing. S. Patroi Verificat:	Serv. Proiectare nr. 17/2023 din 13.08.2023 Scara: 1:1000/1:100 Data: 07/2023
BENEFICIAR: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	
TITLU PROIECT: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	
TITLU PLANSA: PROFIL LONGITUDINAL TRASEUL 2	
Nr. proiect	73 / 2020
Faza	P.T.
Nr. planșa	PL 34



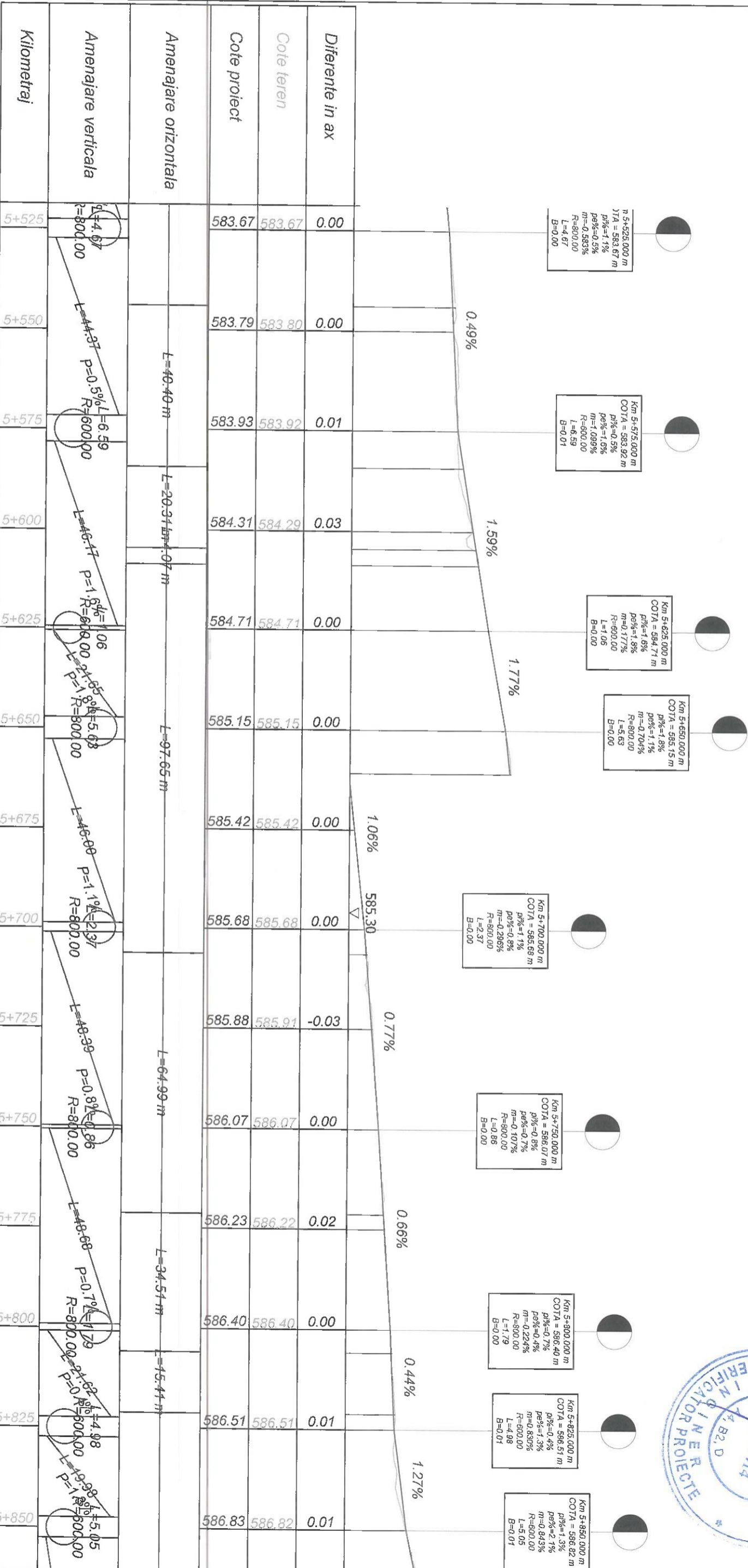
Kilometraj	5+200	5+225	5+250	5+275	5+300	5+325	5+350	5+375	5+400	5+425	5+450	5+475	5+500	5+525
Diferente in ax	-0.02	0.01	-0.06	0.05	-0.01	0.00	0.05	0.02	0.00	0.01	0.01	0.00	0.02	0.00
Cote teren	580.20	580.22	580.50	580.78	581.07	581.35	581.62	581.90	582.18	582.49	582.81	583.13	583.40	583.67
Cote proiect	580.22	580.22	580.56	580.74	581.08	581.35	581.57	581.88	582.17	582.49	582.81	583.13	583.38	583.67

Index	Data	Observatii
A		

Beneficiar:	MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	Nr. proiect	73 / 2020
Titlu proiect:	AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	Faza	P.T.
Proiectat:	Ing. A. Buta	Nr. planşa	PL 35
Desenat:	Ing. S. Patroi		
Verificat:			



S.C. PROIECTAREA S.R.L. - 17 Bulevardul Eroilor, Brasov 500007
 Tel: +40372 410000, Fax: +40372 410001, Email: info@proiectarea.ro
 Ing. A. Buta
 1:1000/1:100
 Data: 07/2023



Diferente in ax	583.67	583.67	0.00	583.79	583.80	0.00	583.93	583.92	0.01	584.31	584.29	0.03	584.71	584.71	0.00	585.15	585.15	0.00	585.42	585.42	0.00	585.68	585.68	0.00	585.88	585.91	-0.03	586.07	586.07	0.00	586.23	586.22	0.02	586.40	586.40	0.00	586.51	586.51	0.01	586.83	586.82	0.01
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Cote teren	583.67	583.80	583.92	584.29	584.71	585.15	585.42	585.68	585.91	586.07	586.22	586.40	586.51	586.82
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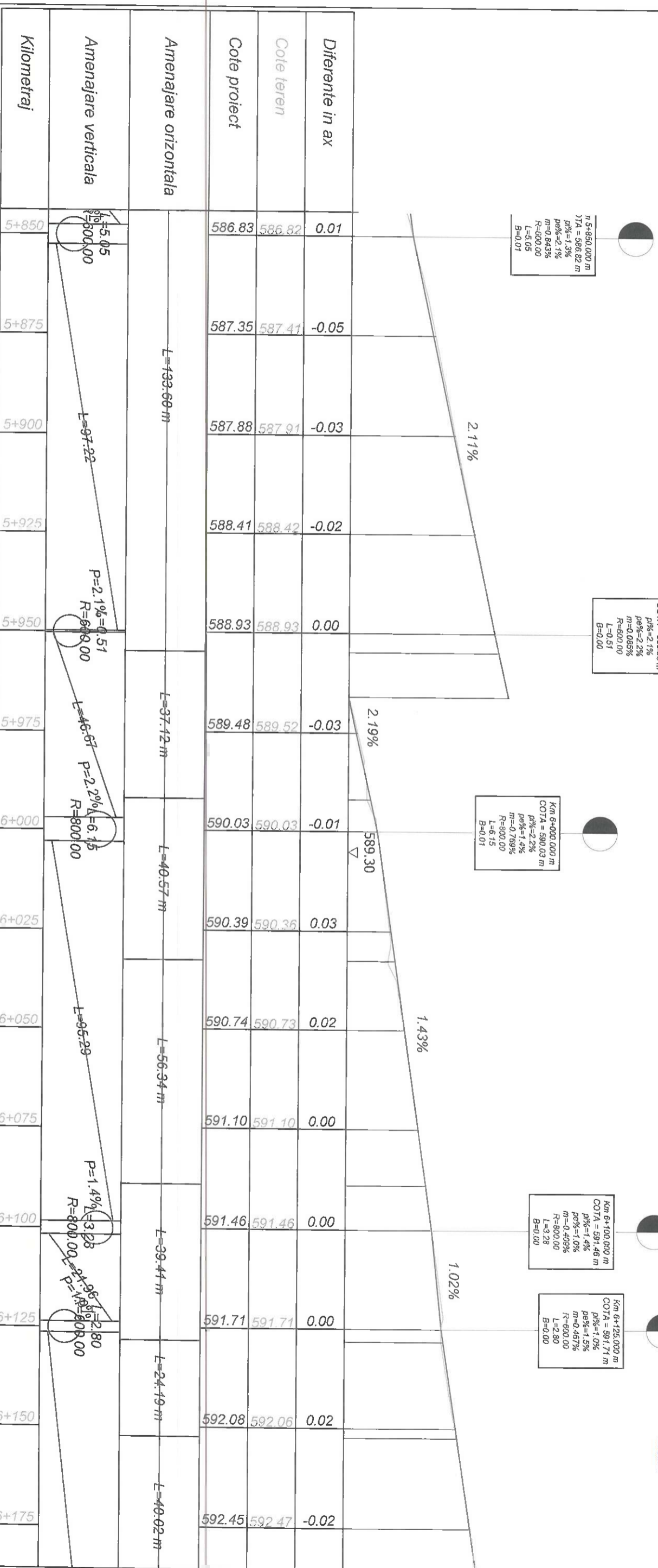
Cote proiect	583.67	583.79	583.93	584.31	584.71	585.15	585.42	585.68	585.88	586.07	586.23	586.40	586.51	586.83
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Amenajare orizontala	L=49.40 m		L=20.31 m		L=97.65 m		L=64.99 m		L=34.51 m		L=45.44 m	
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Amenajare verticala	$d=4.67$ $R=800.00$	$L=4.37$ $P=0.5\%$ $R=600.00$	$L=6.59$ $R=600.00$	$L=46.17$ $P=1.64\%$ $R=600.00$	$L=1.06$ $R=800.00$	$L=1.85$ $R=800.00$	$L=5.68$ $R=800.00$	$L=16.00$ $P=1.1\%$ $R=800.00$	$L=2.37$ $R=800.00$	$L=48.39$ $P=0.81\%$ $R=800.00$	$L=4.96$ $R=800.00$	$L=48.68$ $P=0.71\%$ $R=800.00$	$L=1.79$ $R=600.00$	$L=4.98$ $R=600.00$	$L=1.98$ $R=600.00$	$L=5.05$ $R=600.00$
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Kilometraj	5+525	5+550	5+575	5+600	5+625	5+650	5+675	5+700	5+725	5+750	5+775	5+800	5+825	5+850
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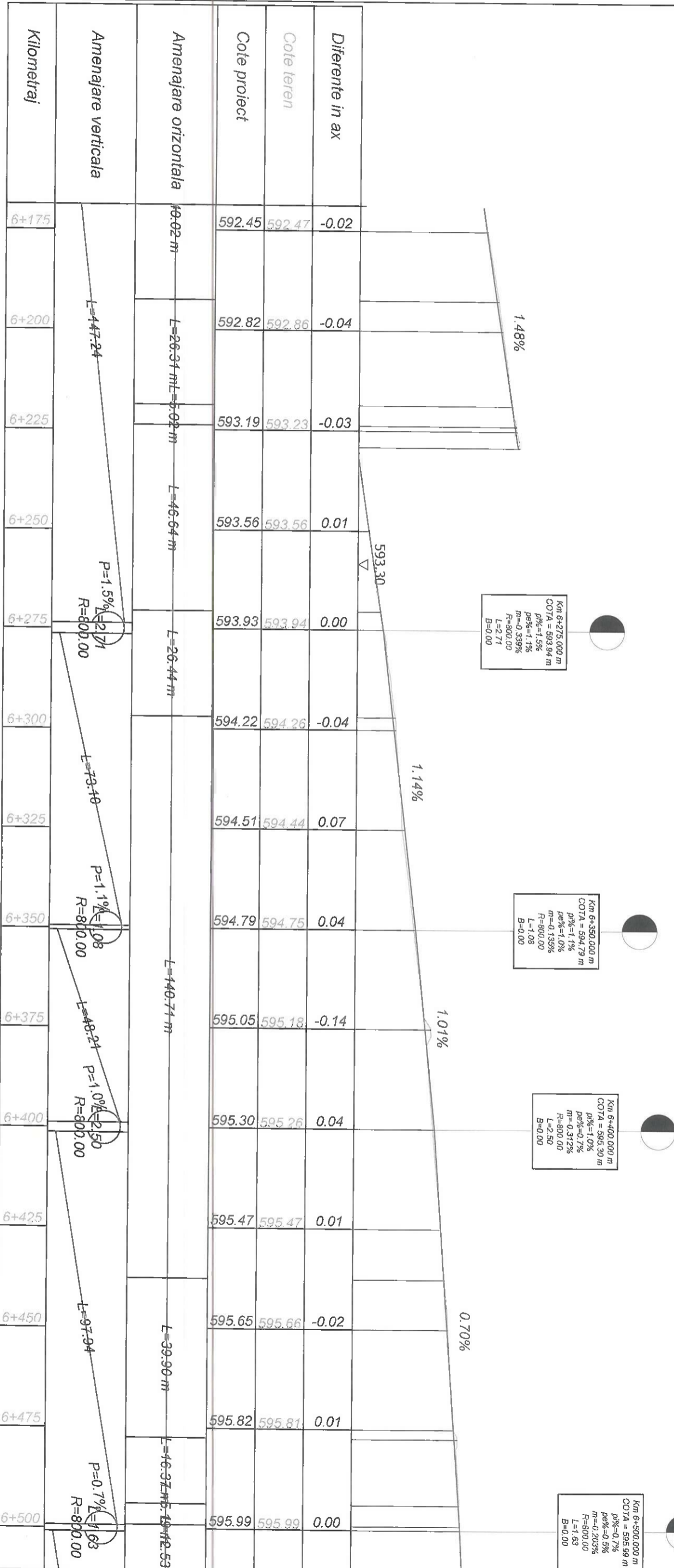
Index	A	Data	Observatii	Rev. 5
Set Proiect	Ing. A. Buta		Scara	1:1000/1:100
Proiectat	Ing. A. Buta		Data	07/2023
Desenat	Ing. S. Patroi		Titlu planse: PROFIL LONGITUDINAL TRASEUL 2	
Verificat			Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	
			Nr. proiect: 73 / 2020	
			Faza P.T.	
			Nr. planse PL 36	



Kilometraj	Diferente in ax	Cote teren	Cote proiect
5+850	0.01	586.82	586.83
5+875	-0.05	587.41	587.35
5+900	-0.03	587.91	587.88
5+925	-0.02	588.42	588.41
5+950	0.00	588.93	588.93
5+975	-0.03	589.52	589.48
6+000	-0.01	590.03	590.03
6+025	0.03	590.36	590.39
6+050	0.02	590.73	590.74
6+075	0.00	591.10	591.10
6+100	0.00	591.46	591.46
6+125	0.00	591.71	591.71
6+150	0.02	592.06	592.08
6+175	-0.02	592.47	592.45

Index	Data	Observatii
A		

		BENEFICIAR: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	
Ser Proiect Ingg. A. Buta	Scara 1:1000/1:100	Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	Nr. proiect 73 / 2020
Proiectat Ingg. A. Buta	Data 07/2023	Titlu planşa: PROFIL LONGITUDINAL TRASEUL 2	Faza P.T.
Desenat Ingg. S. Patroi			Nr. planşa PL 37
Verificat 			



Km 6+275.000 m
 COTA = 593.94 m
 p% = 1.5%
 pe% = 1.1%
 m = 0.339%
 R = 800.00
 L = 2.71
 B = 0.00

Km 6+350.000 m
 COTA = 594.79 m
 p% = 1.1%
 pe% = 1.0%
 m = 0.135%
 R = 800.00
 L = 1.08
 B = 0.00

Km 6+400.000 m
 COTA = 595.30 m
 p% = 1.0%
 pe% = 0.7%
 m = 0.312%
 R = 800.00
 L = 2.50
 B = 0.00

Km 6+500.000 m
 COTA = 595.99 m
 p% = 0.7%
 pe% = 0.5%
 m = 0.203%
 R = 800.00
 L = 1.63
 B = 0.00

Index	Data	Observatii	Rev.
A			5

		BANȚIȚA BUSINESS S.R.L. <small>Strada 17, Bld. Nr. 2, Et. 4, Voluntari, Tel: +4037400000, Fax: +4037400000, Email: info@hentza.ro</small>	
Set Proiect	Ing. A. Buta	Scara	
Proiectat	Ing. A. Buta	1:1000/1:100	
Desenat	Ing. S. Patroi	Data	07/2023
Verificat			

Beneficiar:	Municipiul Brasov Bulevardul Eroilor 8, Brasov 500007	Nr. proiect	73 / 2020
Titlu proiect:	AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE	Faza P.T.	
Titlu planşa:	PROFIL LONGITUDINAL TRASEUL 2	Nr. planşa	PL 38

n 6+500.000 m
 1TA = 595.99 m
 p1% = 0.7%
 p2% = 0.5%
 m = 0.203%
 R = 800.00
 L = 1.63
 B = 0.00

Km 6+600.000 m
 COTA = 596.49 m
 p1% = 0.5%
 p2% = 0.0%
 m = 0.464%
 R = 800.00
 L = 3.71
 B = 0.00

Km 6+625.000 m
 COTA = 596.50 m
 p1% = 0.0%
 p2% = 0.8%
 m = 0.811%
 R = 800.00
 L = 4.87
 B = 0.00

Km 6+725.000 m
 COTA = 597.34 m
 p1% = 0.8%
 p2% = 0.8%
 m = 0.129%
 R = 800.00
 L = 1.03
 B = 0.00

Km 6+759.694 m
 COTA = 597.58 m
 p1% = 0.7%
 p2% = 2.6%
 m = 1.896%
 R = 600.00
 L = 1.37
 B = 0.03

Km 6+800.000 m
 COTA = 598.64 m
 p1% = 2.0%
 p2% = 1.8%
 m = 0.776%
 R = 600.00
 L = 6.20
 B = 0.01



Index	Data	Observatii	Rev.
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Kilometraj	Cote teren	Cote proiect	Diferente in ax
6+500	595.99	595.99	0.00
6+525	596.12	596.11	0.01
6+550	596.24	596.24	0.01
6+575	596.37	596.36	0.00
6+600	596.49	596.49	0.00
6+625	596.50	596.50	0.00
6+650	596.71	596.72	-0.01
6+675	596.92	596.94	-0.02
6+700	597.13	597.14	-0.02
6+725	597.34	597.34	0.00
6+750	597.51	597.53	-0.02
6+775	597.98	597.99	-0.01
6+800	598.63	598.64	-0.01
6+825	599.09	599.14	-0.05

Amenajare orizontala L=12.53 m
 Amenajare verticala L=1.63 m, R=800.00
 L=97.38 m, P=0.5%, R=800.00
 L=3.71 m, R=800.00
 L=4.87 m, R=800.00
 L=11.37 m, R=600.00
 L=31.55 m, R=800.00
 L=1.03 m, R=800.00
 L=1.37 m, R=600.00
 L=6.20 m, R=600.00
 L=249.21 m
 L=4.99 m
 L=54.41 m

0.49%
 0.03%
 0.84%
 0.71%
 2.61%
 597.30

HENTZA BUSINESS
 Sesiile de proiectare: Nr. 17 Strada Nr. 2, Etaj 4, Municipiul Brasov, Tel. +40372 606000, Email: hentza@henta.ro
 Serv. Proiect: Ing. A. Buta
 Proiectat: Ing. A. Buta
 Desenați: Ing. S. Patroi

Scara: 1:1000/1:100
 Data: 07/2023

BENEFICIAR:
MUNICIPIUL BRASOV
 Bulevardul Eroilor 8, Brasov 500007

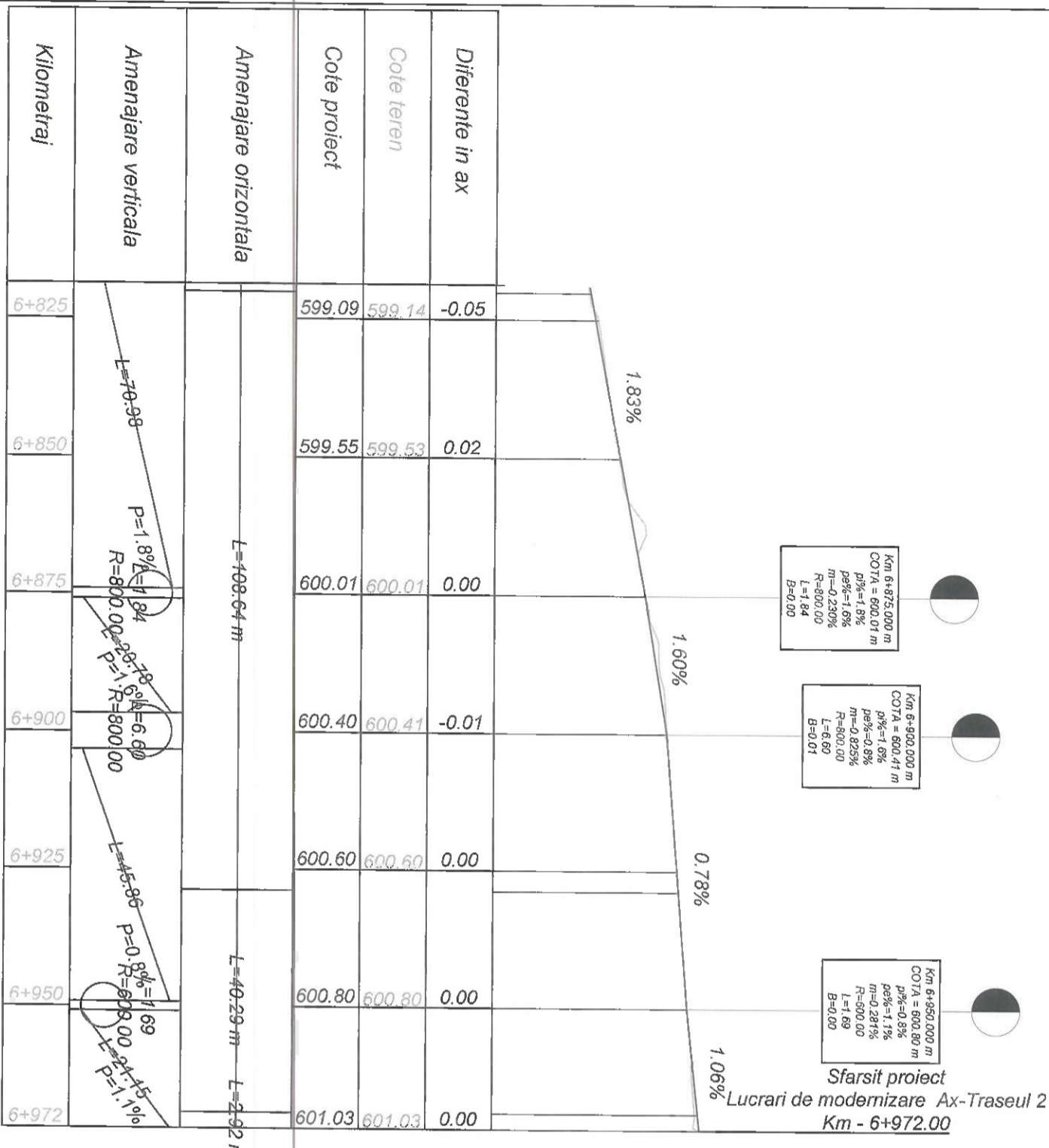
TITLU PROIECT: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE
TITLU PLANSA: PROFIL LONGITUDINAL TRASEUL 2

Nr. proiect: 73 / 2020

Faza: P.T.


Nr. planșa: PL 39

Rev. 5



Index	Data	Observatii	Rev.
A			5

Set Proiect	Ing. A. Buta	Scara	1:1000/1:100	Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	Nr. proiect 73 / 2020
Proiectat	Ing. A. Buta	Data	07/2023		
Desenat	Ing. S. Patroi	Titlu planse: PROFIL LONGITUDINAL TRASEUL 2			Nr. planse PL 40
Verificat					



HENTZA BUSINESS

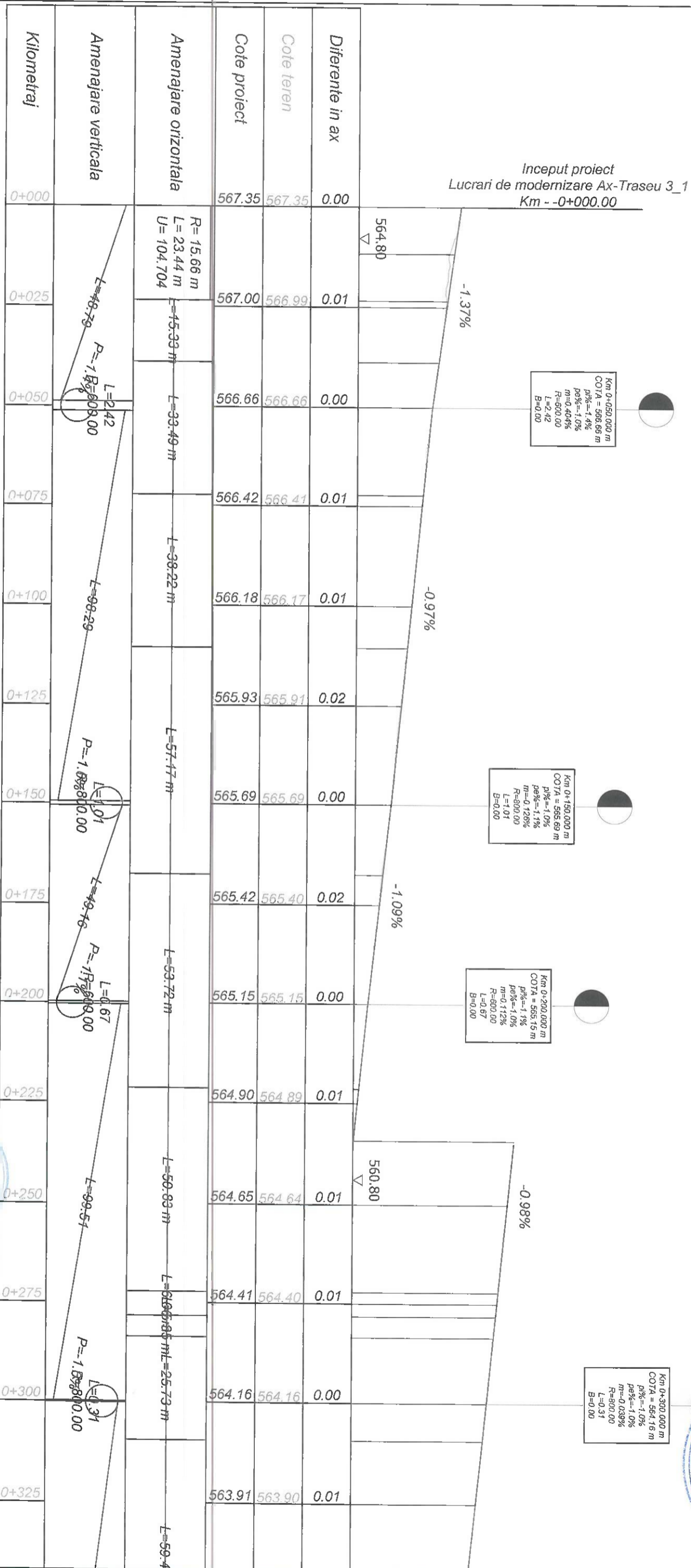
Ing. A. Buta
Ing. S. Patroi

SOCIETATEA COMERCIALA
* HENTZA BUSINESS SRL *

ROMANIA
NR. 1414
A4, B2, D
INGINERIE
VERIFICATOR PROIECTE

PELINARU M. MIHAI

Inceput proiect
Lucrari de modernizare Ax-Traseu 3_1
Km - -0+000.00



Km 0+050.000 m
COTA = 566.66 m
p1% = 1.4%
pe% = -1.0%
m = 0.404%
R = 600.00
L = 2.42
B = 0.00

Km 0+150.000 m
COTA = 565.69 m
p1% = 1.0%
pe% = 1.3%
m = 0.126%
R = 800.00
L = 1.01
B = 0.00

Km 0+200.000 m
COTA = 565.15 m
p1% = 1.1%
pe% = -1.0%
m = 0.112%
R = 600.00
L = 0.67
B = 0.00

Km 0+300.000 m
COTA = 564.16 m
p1% = 1.0%
pe% = -1.0%
m = 0.039%
R = 800.00
L = 0.31
B = 0.00



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HENTZA BUSINESS
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Beneficiar:
MUNICIPIUL BRASOV
Bulevardul Eroilor 8, Brasov 500007

Nr. proiect
73 / 2020

Set Proiect	Ing. A. Buta	Scara	1:1000/1:100
Proiectat	Ing. A. Buta	Data	07/2023
Desenat	Ing. S. Patroi		
Verificat			

Titlu proiect: AMENAJARE BENZI DEDICATE
TRANSPORTULUI PUBLIC IN MUNICIPIUL
BRASOV SI TROTUARE ADJACENTE

Titlu planse: PROFIL LONGITUDINAL
TRASEUL 3

Nr. planse
PL 41

Kilometraj	Cote teren		Cote proiect		Diferente in ax
	0+325	0+350	0+375	0+400	
Amenajare verticala	-1.02%				
	0+325	0+350	0+375	0+400	0+425
Amenajare orizontala	-0.96%				
	0+425	0+450	0+475	0+500	0+525
Amenajare verticala	-1.00%				
	0+525	0+550	0+575	0+600	0+625
Kilometraj	0+633	0+633	0+633	0+633	0+633

Km 0+425.000 m
 COTA = 562.89 m
 p% = -1.0%
 pe% = -1.0%
 m = 0.053%
 R = 600.00
 L = 0.35
 B = 0.00

Km 0+525.000 m
 COTA = 561.92 m
 p% = -1.0%
 pe% = -1.0%
 m = 0.042%
 R = 800.00
 L = 0.33
 B = 0.00

Sfarsit proiect
 Lucrari de modernizare Ax-Traseu 3
 Km - 0+633.00





HENTZA BUSINESS

WIRTSCHAFTS-UNIVERSITÄT
 SIBIU, ROMANIA

Ing. A. Buta
 Ing. S. Patroi

Scara
 1:1000/1:100

Data
 07/2023

MUNICIPIUL BRASOV
 Bulevardul Eroilor 8, Brasov 500007

Beneficiar:

AMENAJARE BENZI DEDICATE
 TRANSPORTULUI PUBLIC IN MUNICIPIUL
 BRASOV SI TROTUARE ADJACENTE

Titlu planse:
 PROFIL LONGITUDINAL
 TRASEUL 3

Nr. proiect
 73 / 2020

Faza
 P.T.

Nr. planse
 PL 42

Inceput proiect
 Lucrari de modernizare Ax-Traseu 3_2
 Km - 0+000.00

Kilometraj	Diferente in ax	Cote teren	Cote proiect	Amplasament	Amplasament	
					Amplasament	Amplasament
0+000	0.00	560.84	560.84			
0+025	-0.06	561.10	561.15			
0+050	0.02	561.35	561.34			
0+075	0.00	561.61	561.61			
0+100	0.00	561.86	561.86			
0+125	0.01	562.11	562.09			
0+150	0.01	562.35	562.35			
0+175	0.00	562.60	562.59			
0+200	0.00	562.85	562.84			
0+225	0.00	563.09	563.10			
0+250	-0.01	563.34	563.35			
0+275	-0.01	563.59	563.60			
0+300	0.00	563.83	563.83			
0+325	0.01	564.09	564.08			

Km 0+075.000 m
 COTA = 561.61 m
 p% = 1.0%
 pa% = 1.0%
 m = 0.042%
 R = 800.00
 L = 0.34
 B = 0.00

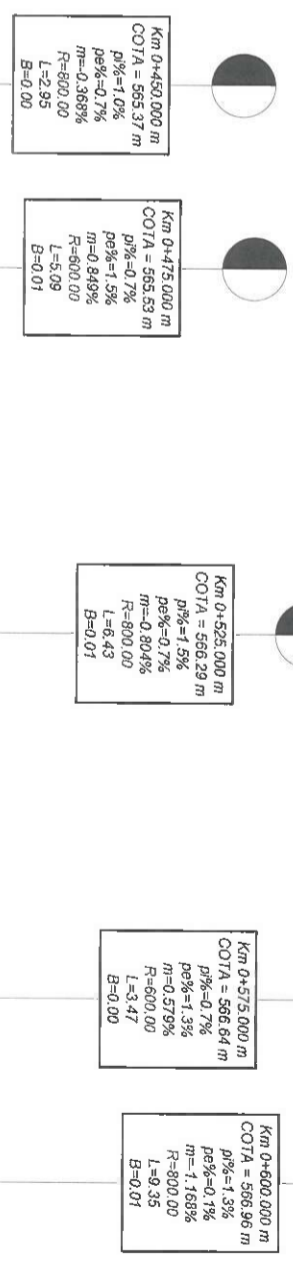
Km 0+300.000 m
 COTA = 563.83 m
 p% = 1.0%
 pa% = 1.0%
 m = 0.037%
 R = 500.00
 L = 0.22
 B = 0.00



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		HENTZA BUSINESS S.R.L. SOSETALEA GOVERNAMENTALA SIBIU - PLOIESTI	
Sesi Proiectare nr. 17 Buzureti 2 Etia A, Vasluiului, Tel: 0237 461 646 Email: info@henta.ro		www.henta.ro	
Sef Proiect	Ing. A. Buta	Scara	1:1000/1:100
Proiectat	Ing. A. Buta	Data	07/2023
Desenat	Ing. S. Patroi		
Verificat			
Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007		Nr. proiect 73 / 2020	
Titlu proiect: AMENAJARE BENZI DEDICATE TRANSPORTULUI PUBLIC IN MUNICIPIUL BRASOV SI TROTUARE ADJACENTE		Faza P.T.	
Titlu plansa: PROFIL LONGITUDINAL TRASEUL 3		Nr. plansa PL 43	

Kilometraj		Cote teren		Cote proiect		Diferente in ax	
0+325	0+350	564.09	564.08	564.35	564.35	0.01	0.00
0+375	0+400	564.60	564.59	564.86	564.84	0.01	0.01
0+425	0+450	565.11	565.10	565.37	565.37	0.02	0.00
0+475	0+500	565.54	565.53	565.91	565.90	0.01	0.01
0+525	0+550	566.28	566.29	566.46	566.43	-0.01	0.03
0+575	0+600	566.64	566.64	566.94	566.96	0.00	-0.01
0+625	0+633	566.99	567.01	566.99	566.99	-0.03	0.00



Sfarsit proiect
Lucrari de modernizare Ax-Traseu nr. 3
Km - 0+633.00

Index	Data	Observatii	Rev. 5
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		Beneficiar: MUNICIPIUL BRASOV Bulevardul Eroilor 8, Brasov 500007	
Self Project	Ing. A. Buta	Scara	1:1000/1:100
Proiectat	Ing. A. Buta	Data	07/2023
Desenat	Ing. S. Patroi	Titlu plansa: PROFIL LONGITUDINAL TRASEUL 3	
Verificat		Nr. proiect	73 / 2020
		Faza P.T.	PL 44