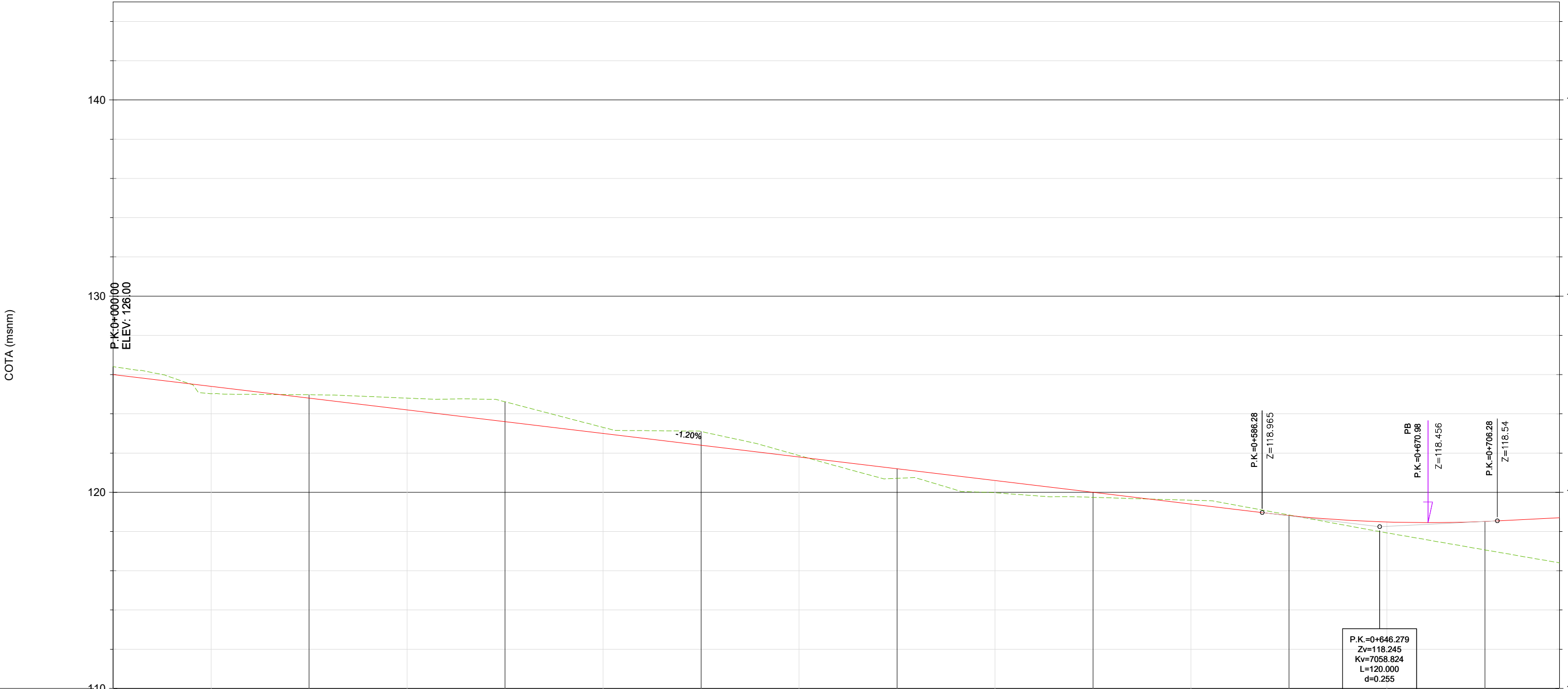


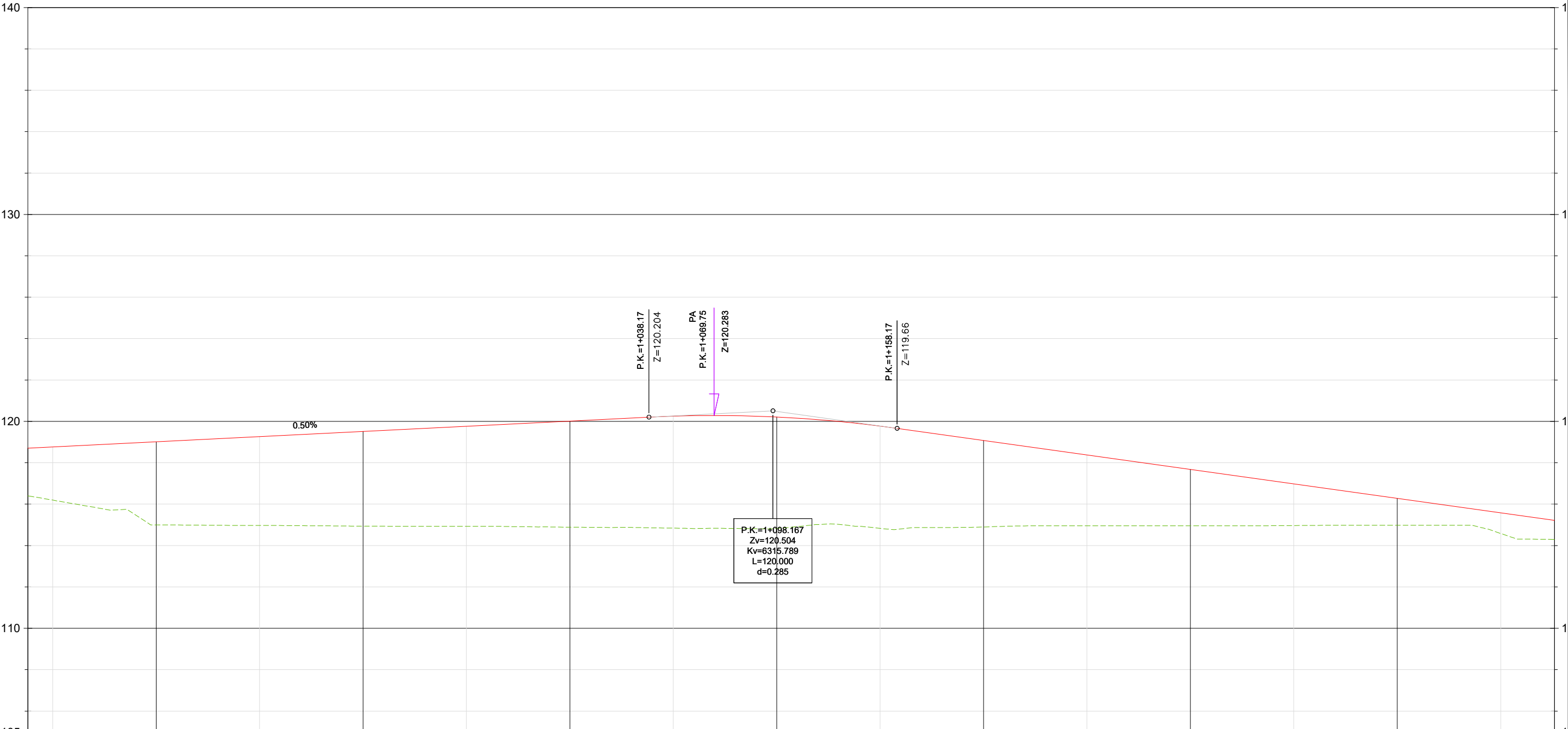
Perfil Longitudinal: MA2
Escala - V: 100 H:1000



STATION	0+000.000															
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Perfil Longitudinal: MA2
Escala - V: 100 H:1000

COTA (msnm)



STATION	0+737.99	0+800.00	0+850.00	0+900.00	1+000.00	1+100.00	1+200.00	1+300.00	1+400.00	1+475.00							
P.K.	0+737.99	0+800.00	0+850.00	0+900.00	1+000.00	1+100.00	1+200.00	1+300.00	1+400.00	1+475.00							
RASANTE	116.40 - 118.70	116.20 - 118.76	115.00 - 119.01	114.97 - 119.26	114.94 - 119.51	114.93 - 119.76	114.89 - 120.01	114.84 - 120.25	114.83 - 120.21	114.83 - 119.77	114.90 - 119.08	114.95 - 118.38	114.96 - 117.68	114.97 - 116.98	114.98 - 116.28	114.98 - 115.58	114.30 - 115.21
TERRENO	116.40	116.20	115.00	114.97	114.94	114.93	114.89	114.84	114.83	114.83	114.90	114.95	114.96	114.97	114.98	114.98	114.30
COTA ROJA	2.30	2.57	4.01	4.29	4.58	4.83	5.13	5.41	5.38	4.94	4.18	3.42	2.72	2.01	1.30	0.99	0.92
D. CURVATURA	RECTA L=941.55m.															ESPIRAL1 A=527.05 L=138.89m	
GEOMETRÍA V.	P=0.500% L=331.888m					L=120.00m. R=6315.79m. K=63.158					P=-1.400% L=673.006m.						



UNIVERSIDAD
POLITECNICA
DE VALENCIA



ANÁLISIS FUNCIONAL Y PROPUESTA DE MEJORA DEL NUDO ENTRE
LAS AUTOVÍAS A-7 Y A-3 ENTRE LOS PP.KK. 335+000 Y 336+850
(PROVINCIA DE VALENCIA)

PLANO:

ALTERNATIVA 2 -CALZADA 1
Madrid-Alicante

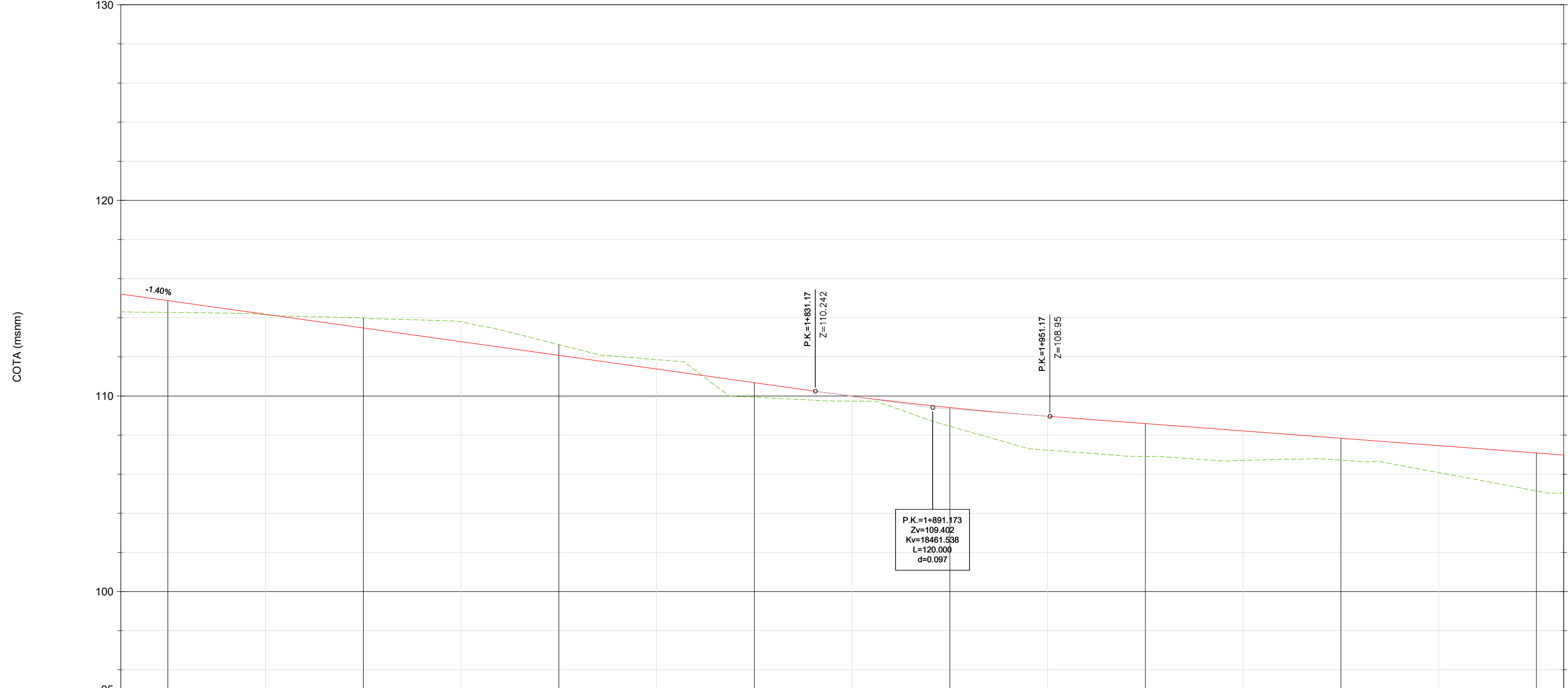
AUTOR:

Luis Gabriel Buitrago Pinzón

FECHA
FEBRERO 2026
PLANO Nº 3
HOJA 2 DE 7

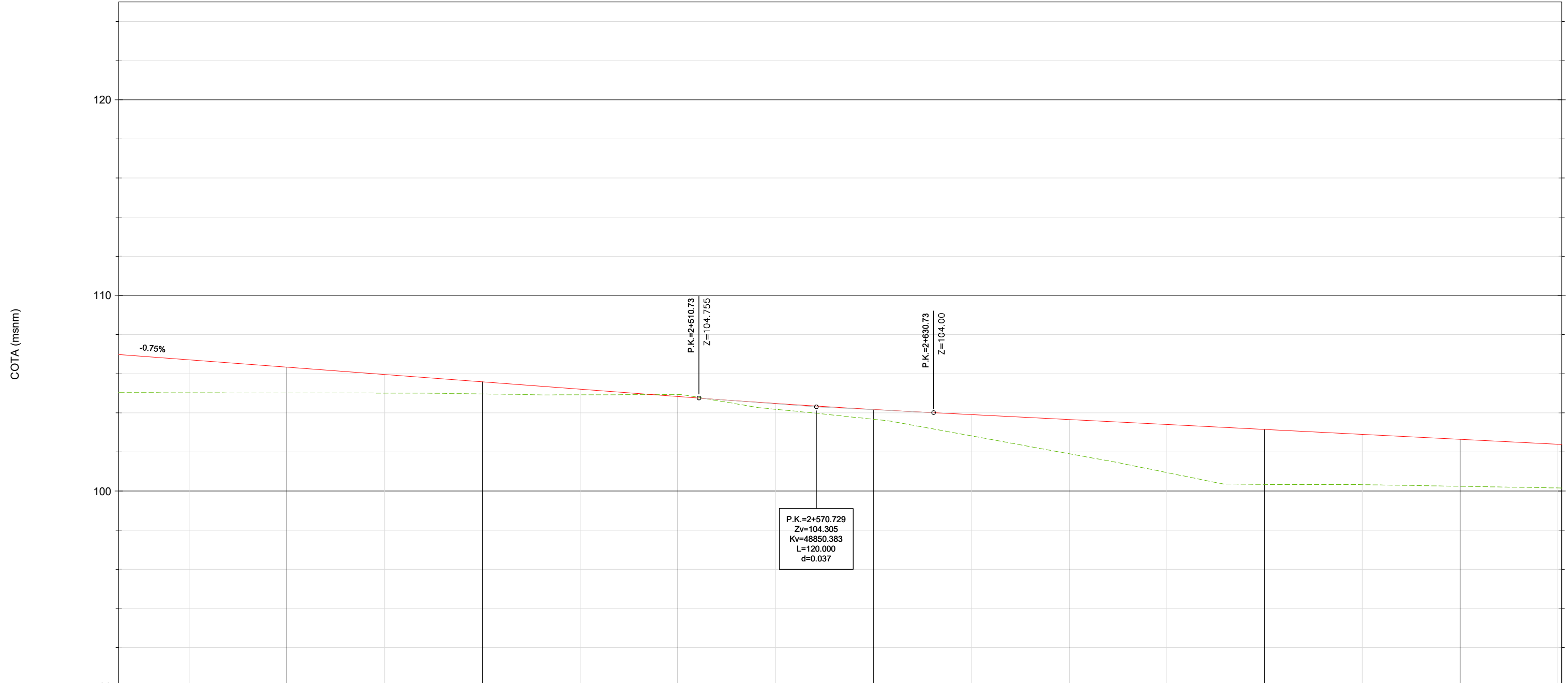
ESCALA:
1:2000

Perfil Longitudinal: MA2
Escala - V: 100 H:1000



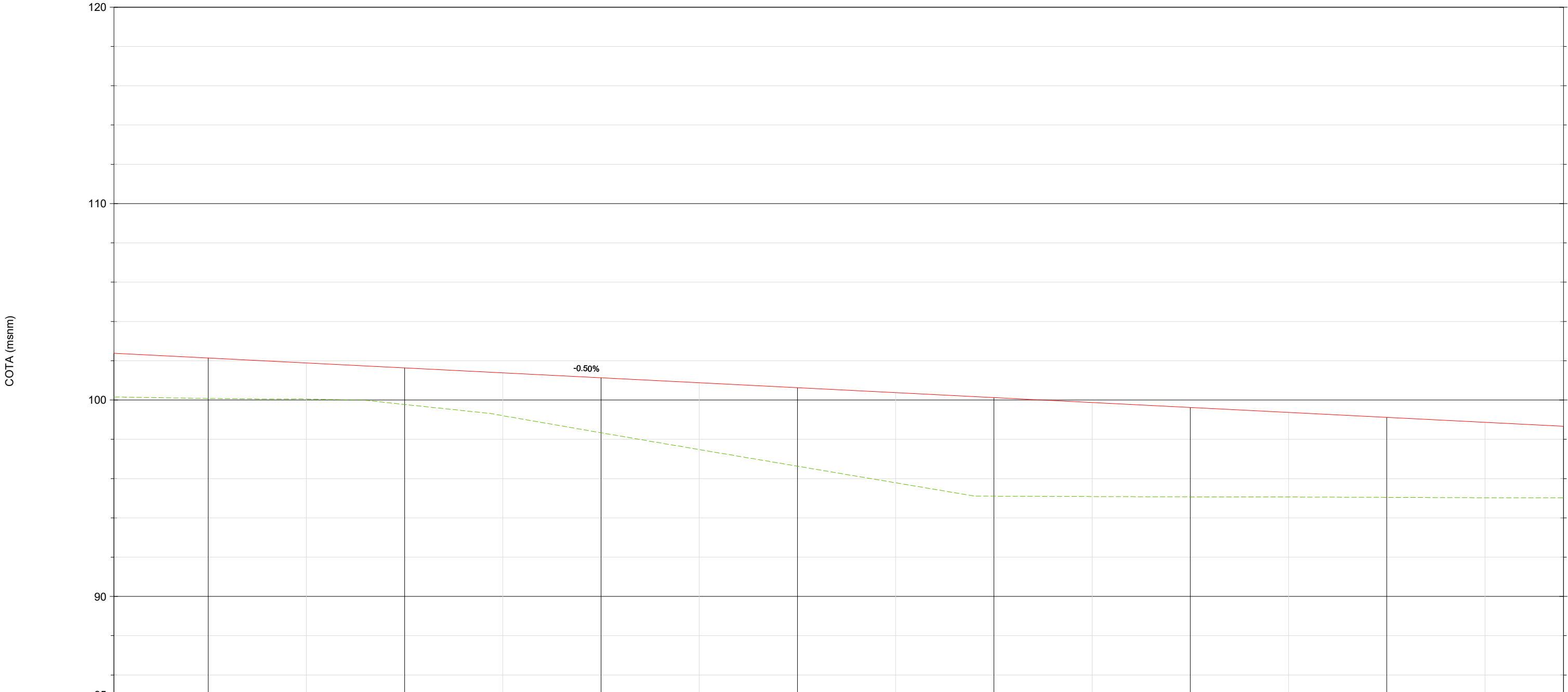
STATION	1+475.00 1+500.00 1+550.00 1+600.00 1+650.00 1+700.00 1+750.00 1+800.00 1+850.00 1+900.00 1+950.00 2+000.00 2+050.00 2+100.00 2+150.00 2+200.00 2+213.98																								
P.K.	1+475.00 1+500.00 1+550.00 1+600.00 1+650.00 1+700.00 1+750.00 1+800.00 1+850.00 1+900.00 1+950.00 2+000.00 2+050.00 2+100.00 2+150.00 2+200.00 2+213.98																								
RASANTE	114.30 114.88 114.18 113.48 112.78 112.08 111.38 110.68 109.99 109.41 108.96 108.59 108.21 107.84 107.46 107.09 106.98																								
TERRENO	114.30 114.27 114.15 113.99 113.79 112.63 111.86 109.95 109.74 108.45 107.23 106.91 106.71 106.72 106.08 105.15 105.03																								
COTA ROJA	0.92 0.61 0.02 0.51 1.01 0.55 0.48 0.73 0.25 0.95 1.73 1.68 1.50 1.12 1.38 1.94 1.95																								
D. CURVATURA	ESPIRAL1 A=527.05 L=138.89m		CURVA2 R=2000.00m. L=258.37m. Δ = 7.4018															ESPIRAL2 A=527.05 L=138.89m L=120.00m. R=18461.54m. K=184.615		RECTA L=842.58m.					
GEOMETRÍA V.	P=-1.400% L=673.006m.															P=-0.750% L=559.556m.									

Perfil Longitudinal: MA2
Escala - V: 100 H:1000



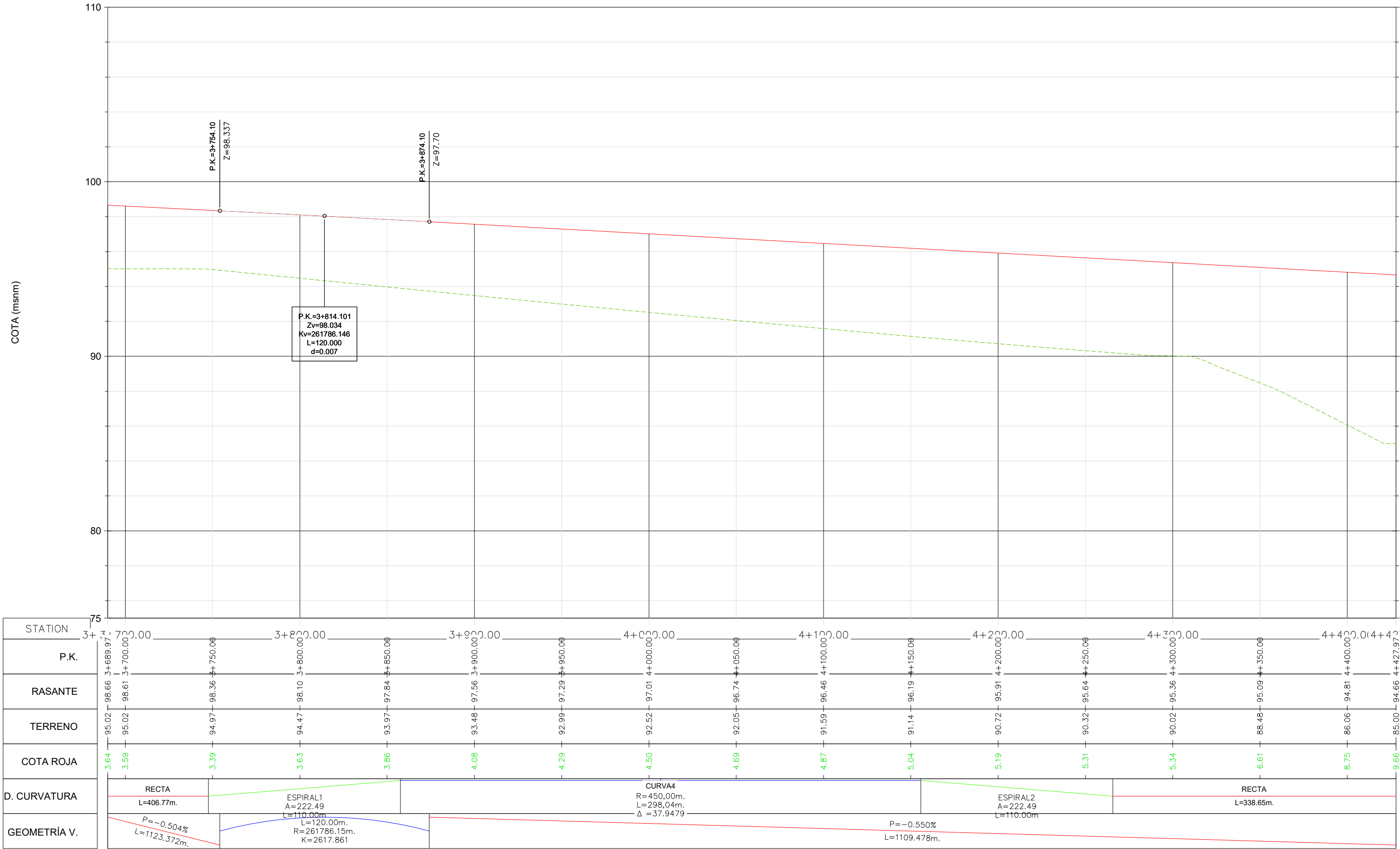
STATION	2+213.982+250.002+300.002+350.002+400.002+450.002+500.002+550.002+600.002+650.002+700.002+750.002+800.002+850.002+900.002+951.98															
P.K.	2+213.982+250.002+300.002+350.002+400.002+450.002+500.002+550.002+600.002+650.002+700.002+750.002+800.002+850.002+900.002+951.98															
RASANTE	106.98106.71106.34105.96105.59105.21104.84104.48104.17103.91103.65103.40103.15102.90102.64102.38															
TERRENO	105.03105.02105.01105.01104.96104.92104.93104.18103.67102.82101.91100.95100.34100.33100.24100.16															
COTA ROJA	1.951.691.320.950.620.290.100.300.501.081.742.462.812.572.402.23															
D. CURVATURA	RECTA L=842.58m.												ESPIRAL1 A=527.05 L=138.89m			
GEOMETRÍA V.	P=−0.750% L=559.556m.				L=120.00m. R=48850.38m. K=488.504				P=−0.504% L=1123.372m.							

Perfil Longitudinal: MA2
Escala - V: 100 H:1000



STATION	2+951.98	3+000.00	3+050.00	3+100.00	3+150.00	3+200.00	3+250.00	3+300.00	3+350.00	3+400.00	3+450.00	3+500.00	3+550.00	3+600.00	3+650.00	3+689.97
P.K.																
RASANTE		102.14	101.89	101.64	101.38	101.13	100.88	100.63	100.38	100.12	99.87	99.62	99.37	99.11	98.86	98.66
TERRENO	100.16	100.08	100.05	99.77	99.20	98.33	97.48	96.63	95.79	95.10	95.08	95.07	95.06	95.04	95.02	95.02
COTA ROJA	2.23	2.06	1.84	1.87	2.18	2.80	3.40	4.00	4.59	5.02	4.79	4.55	4.30	4.07	3.84	3.64
D. CURVATURA	CURVA3 R=2000.00m. L=256.04m. Δ = 7.3351					ESPIRAL2 A=527.05 L=138.89m					RECTA L=406.77m.					
GEOMETRÍA V.	P=-0.504% L=1123.372m.															

Perfil Longitudinal: MA2
Escala - V: 100 H:1000



Perfil Longitudinal: MA2
Escala - V: 100 H:1000

