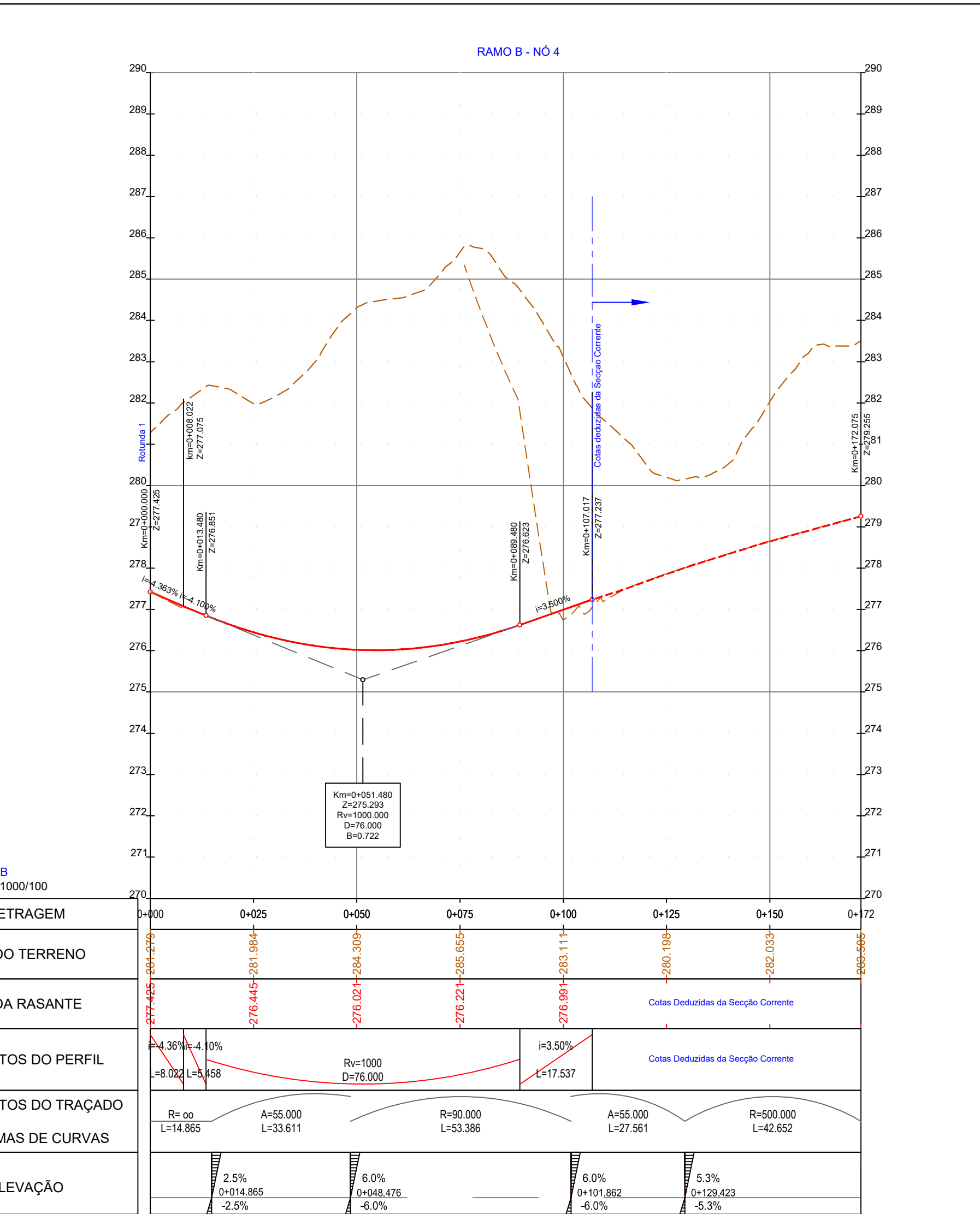
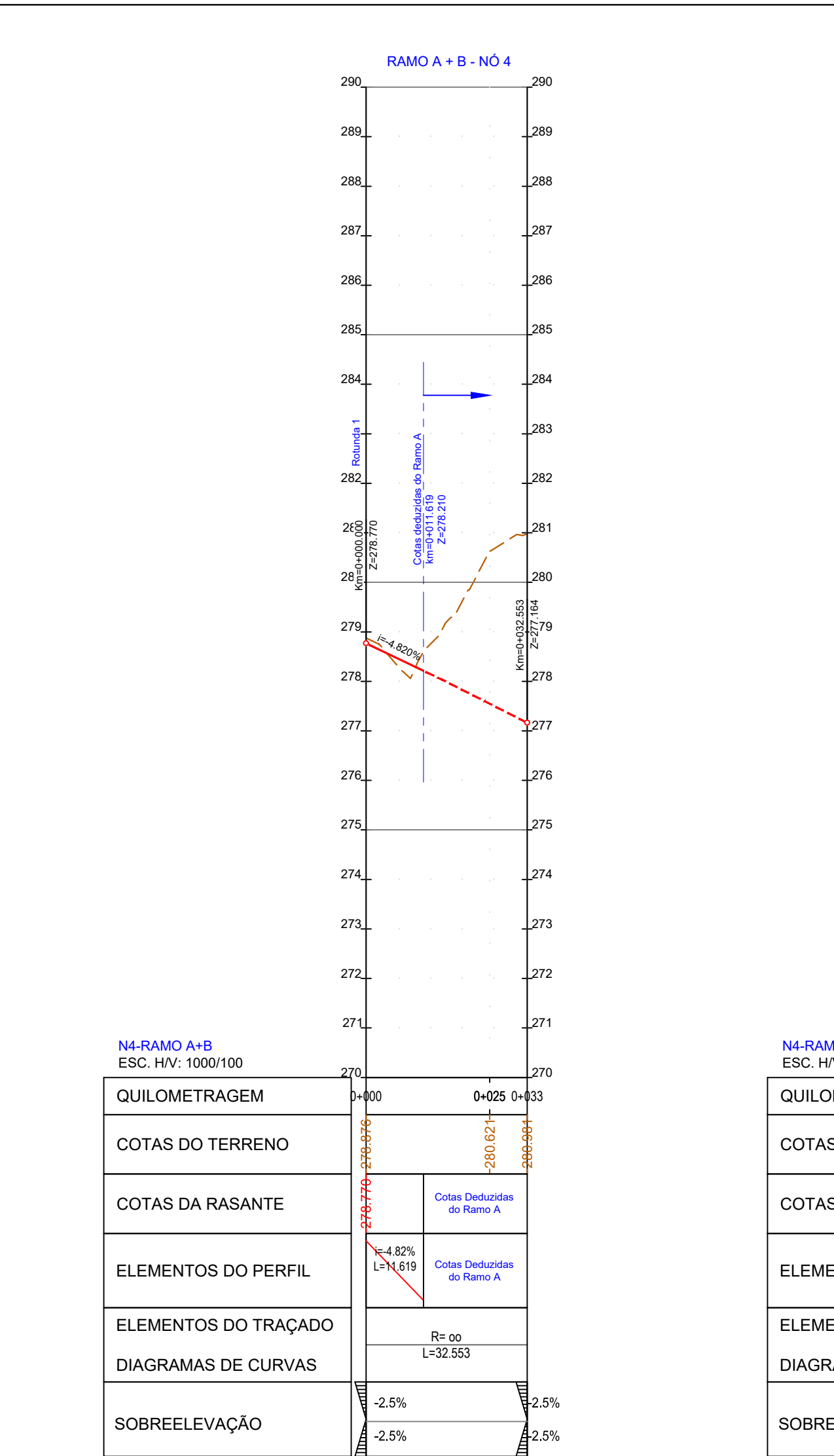
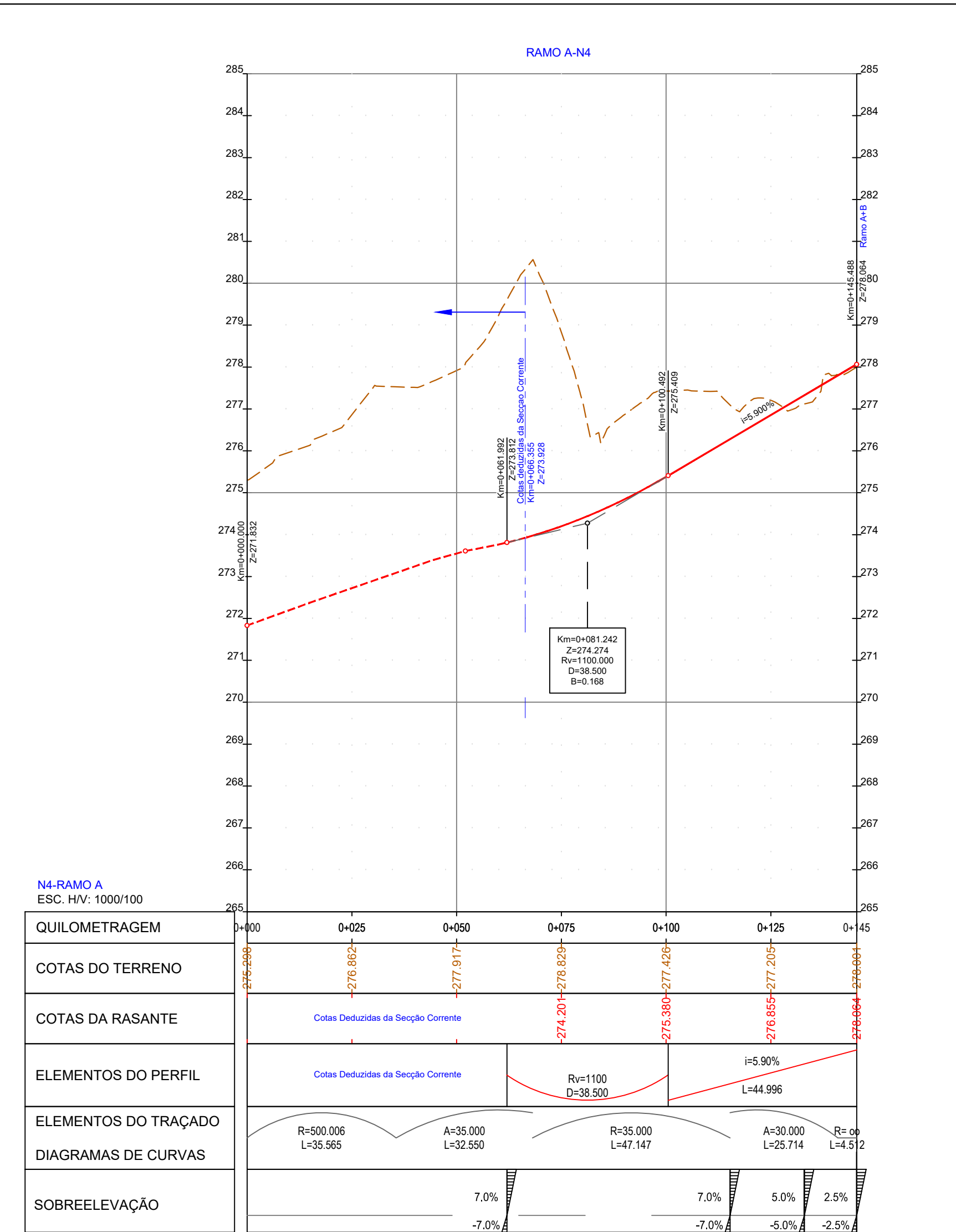
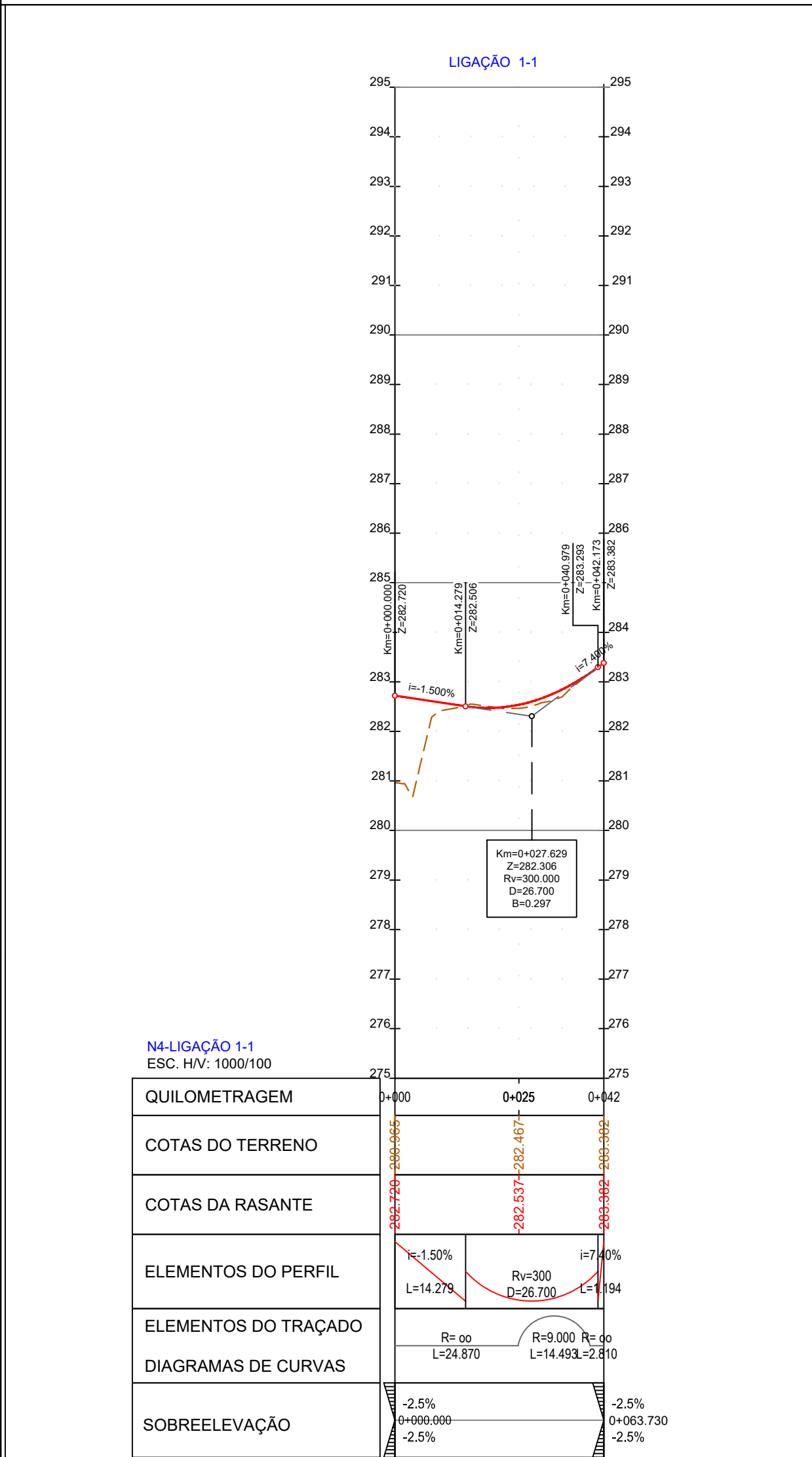
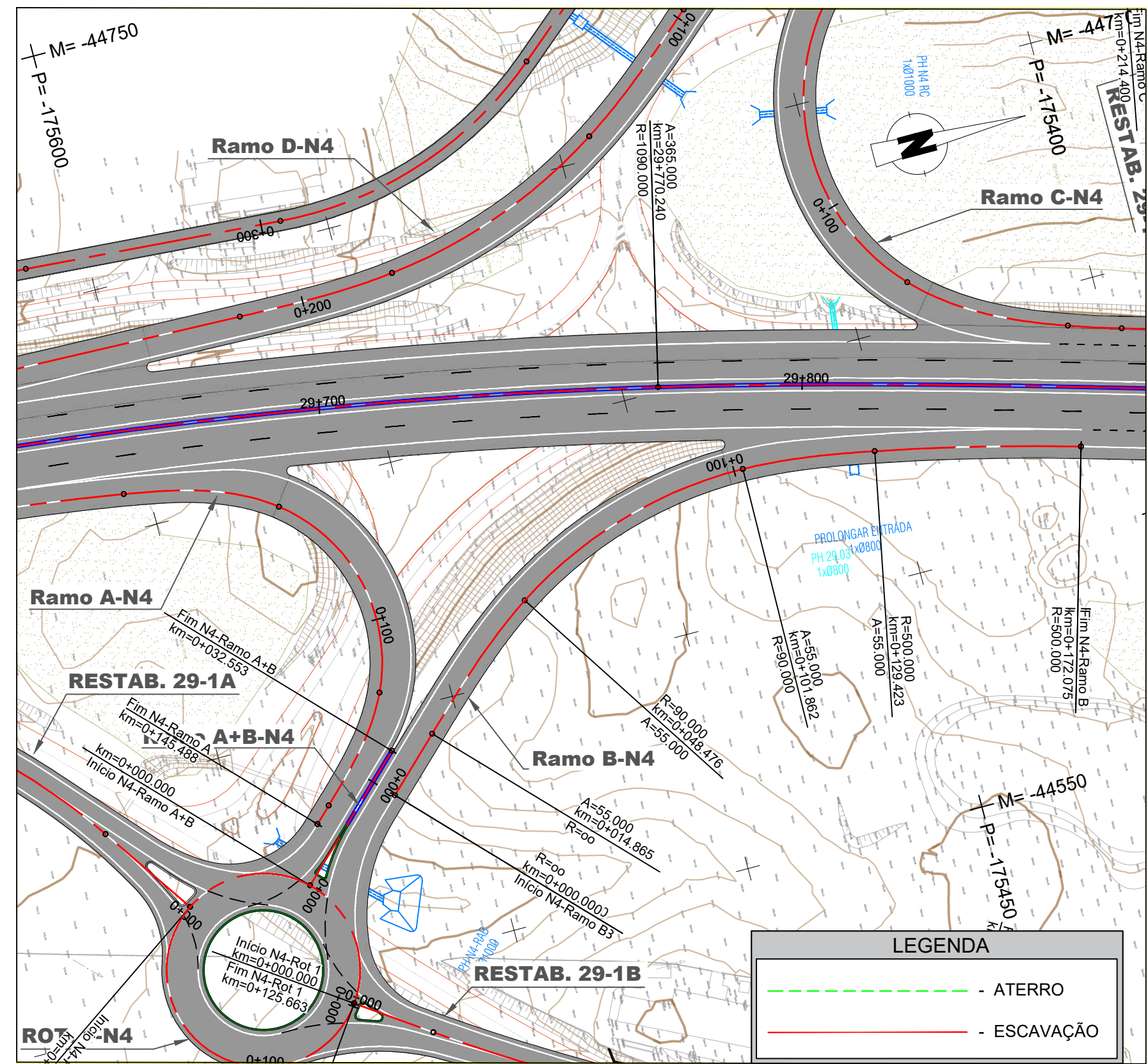
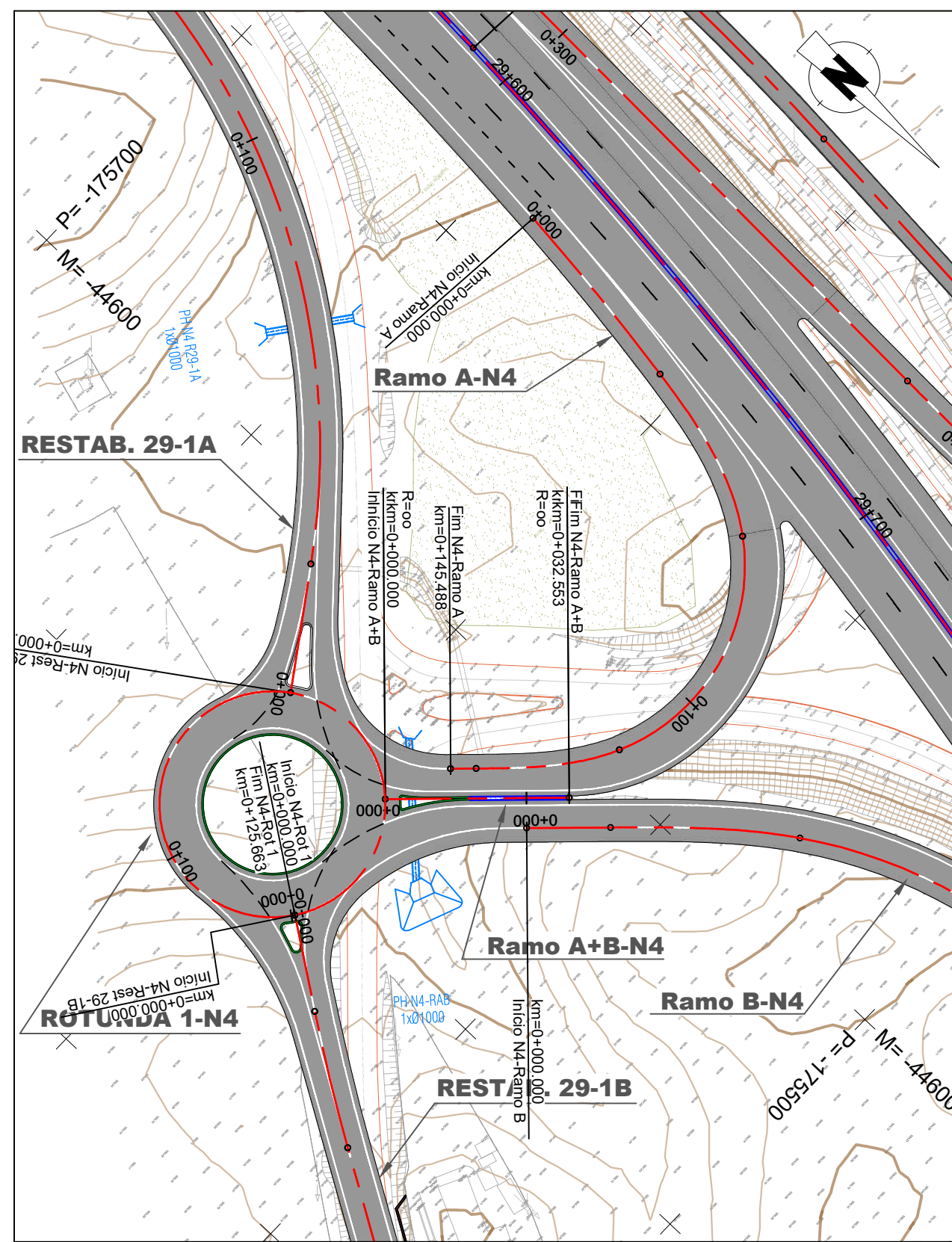
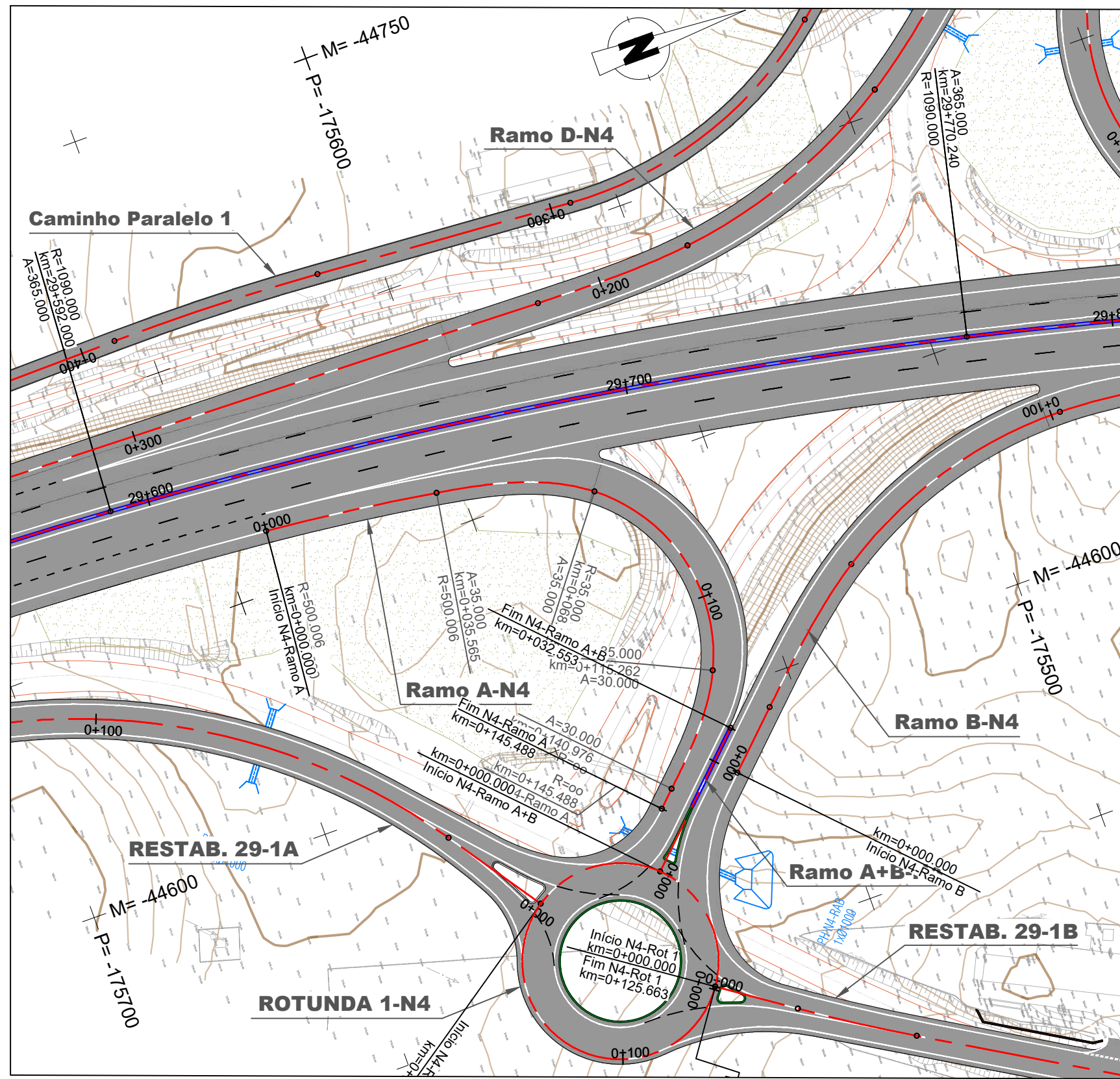
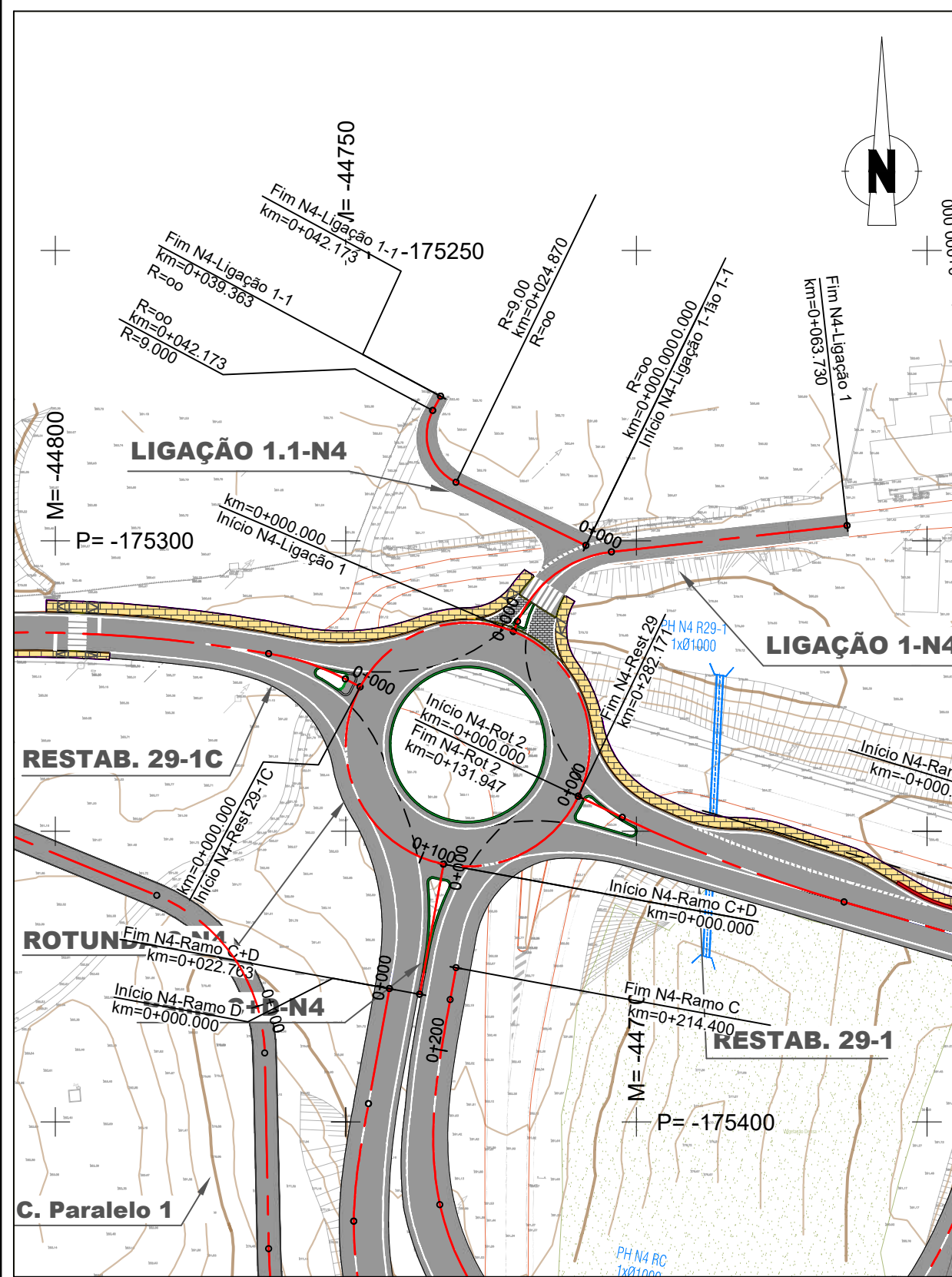
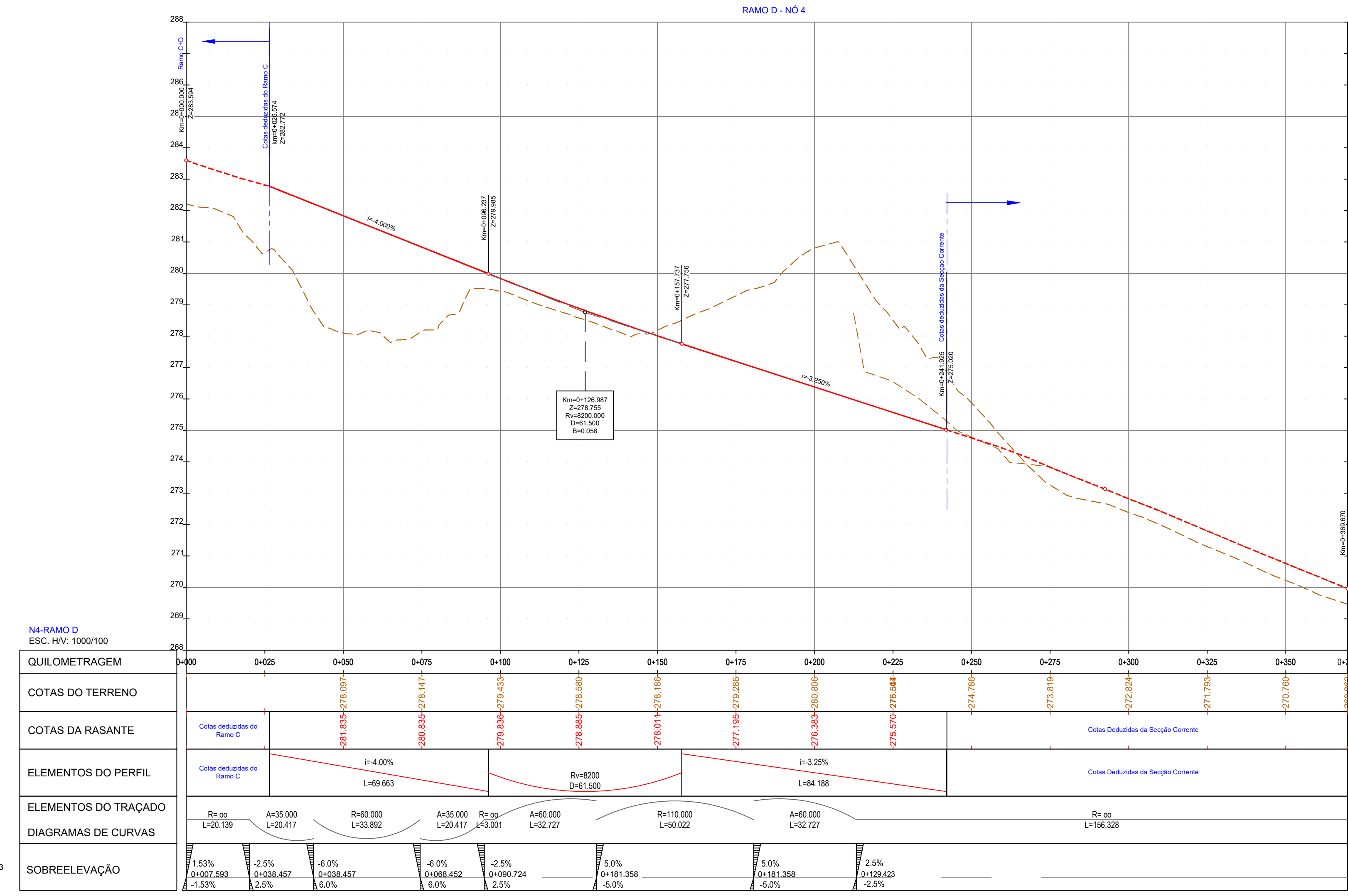
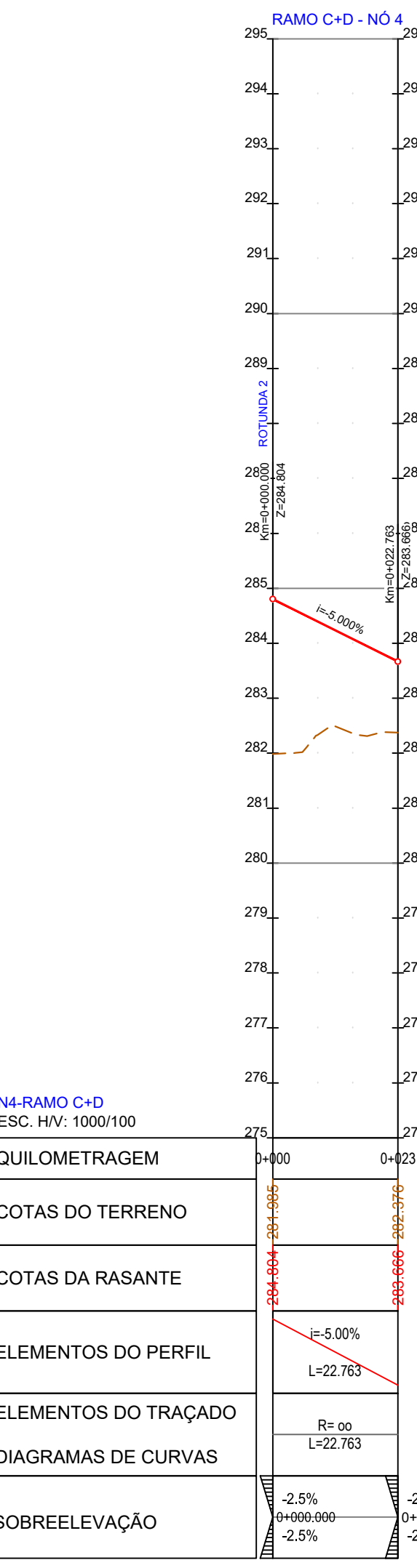
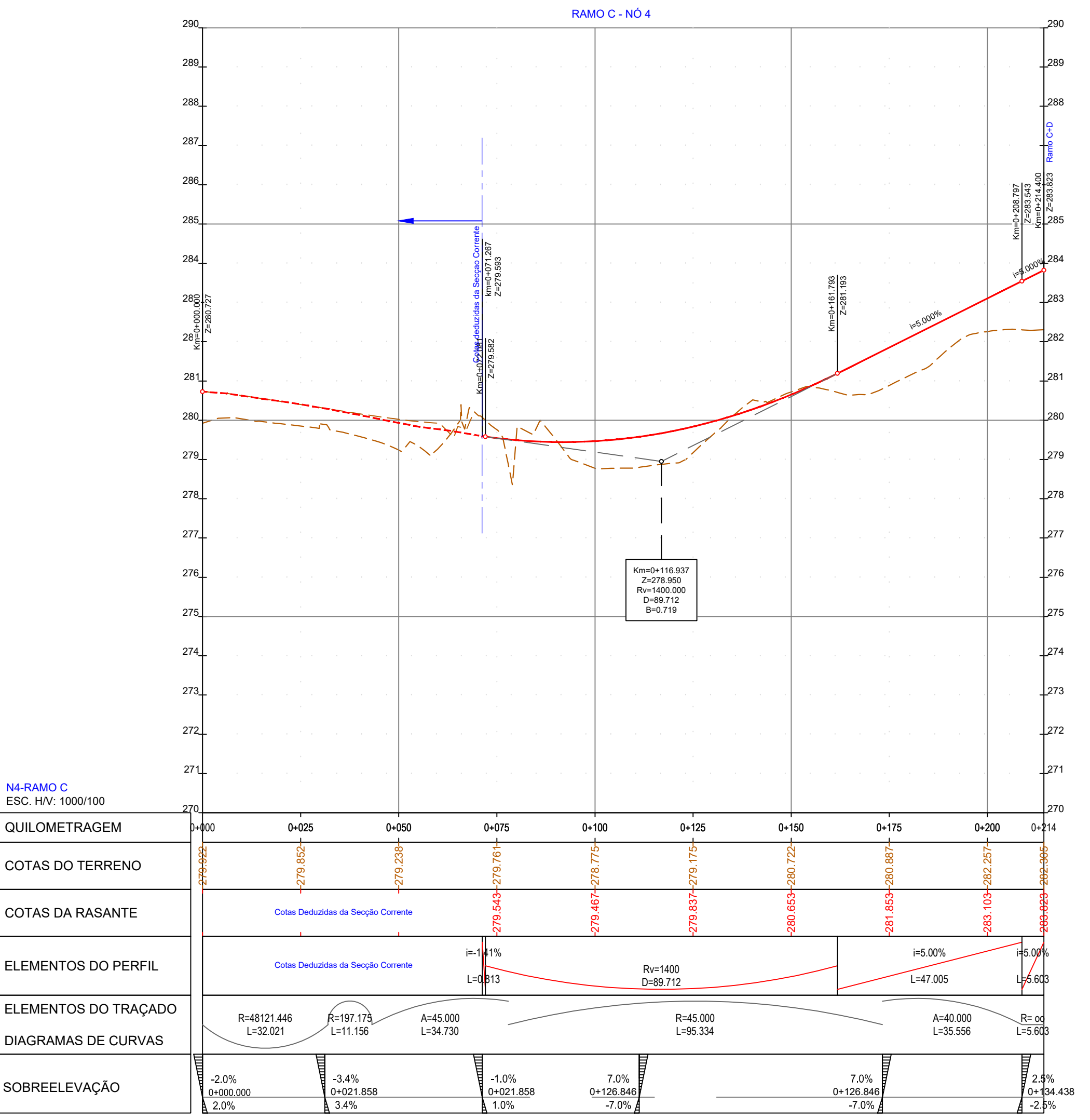
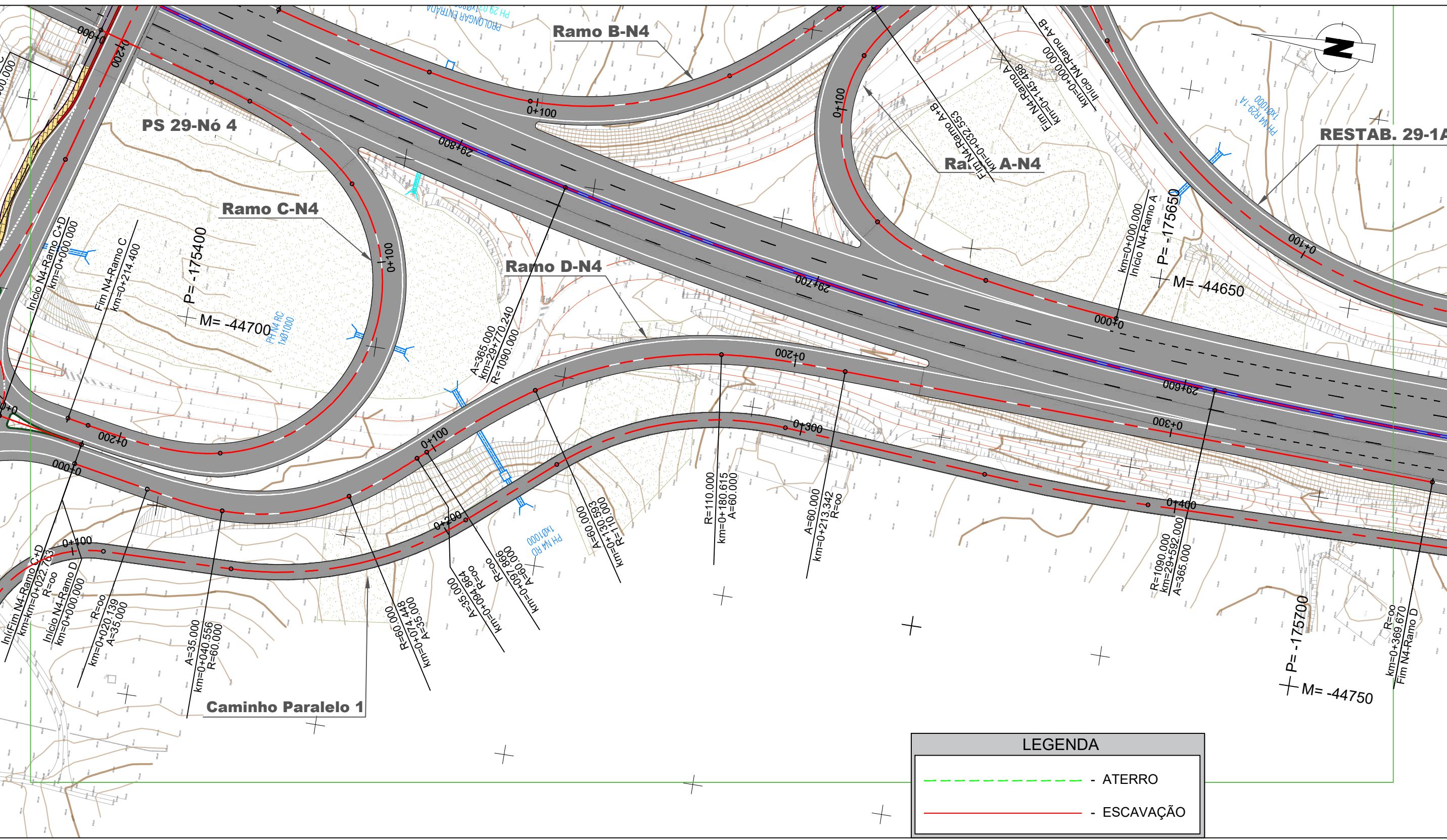
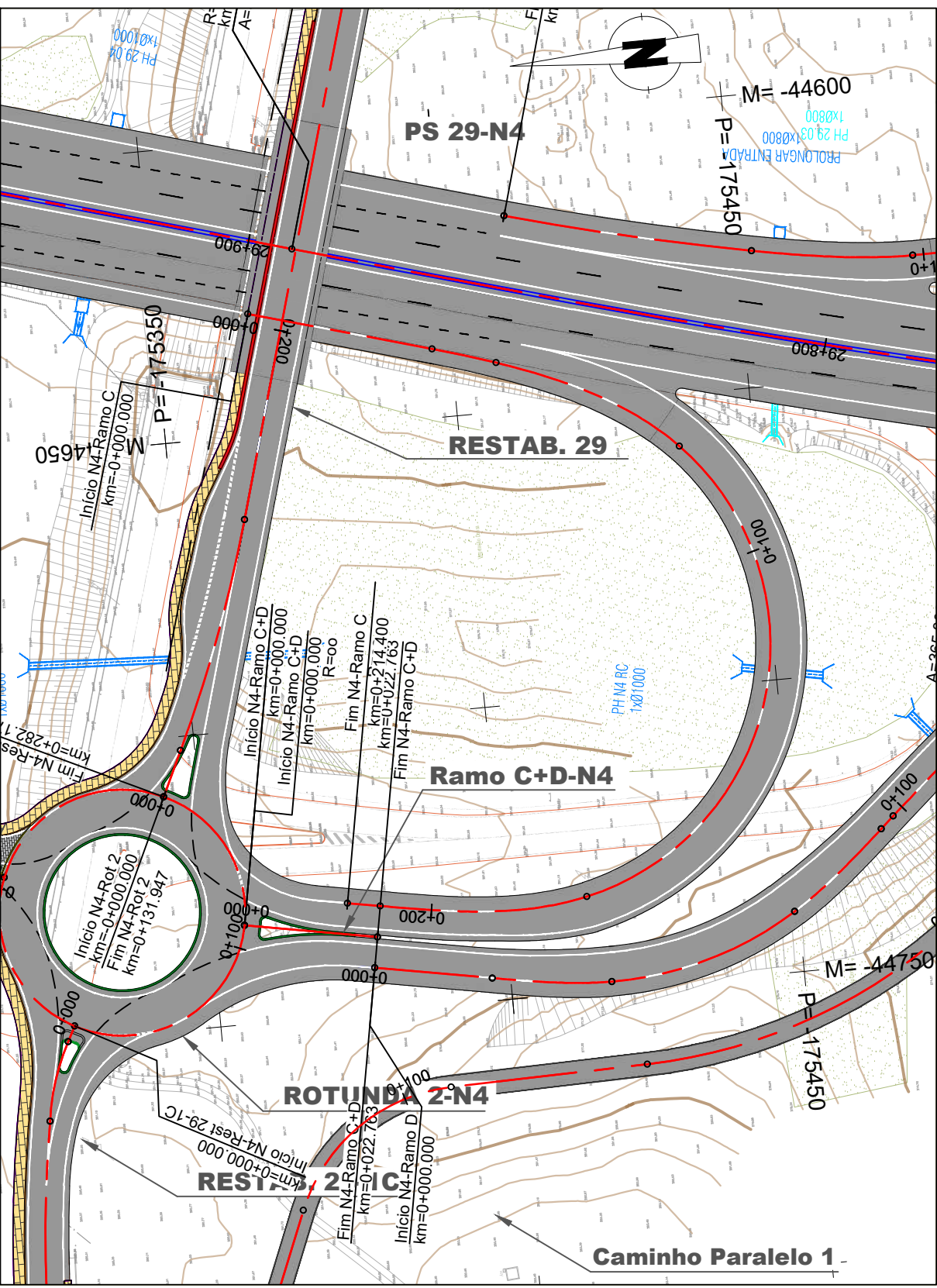
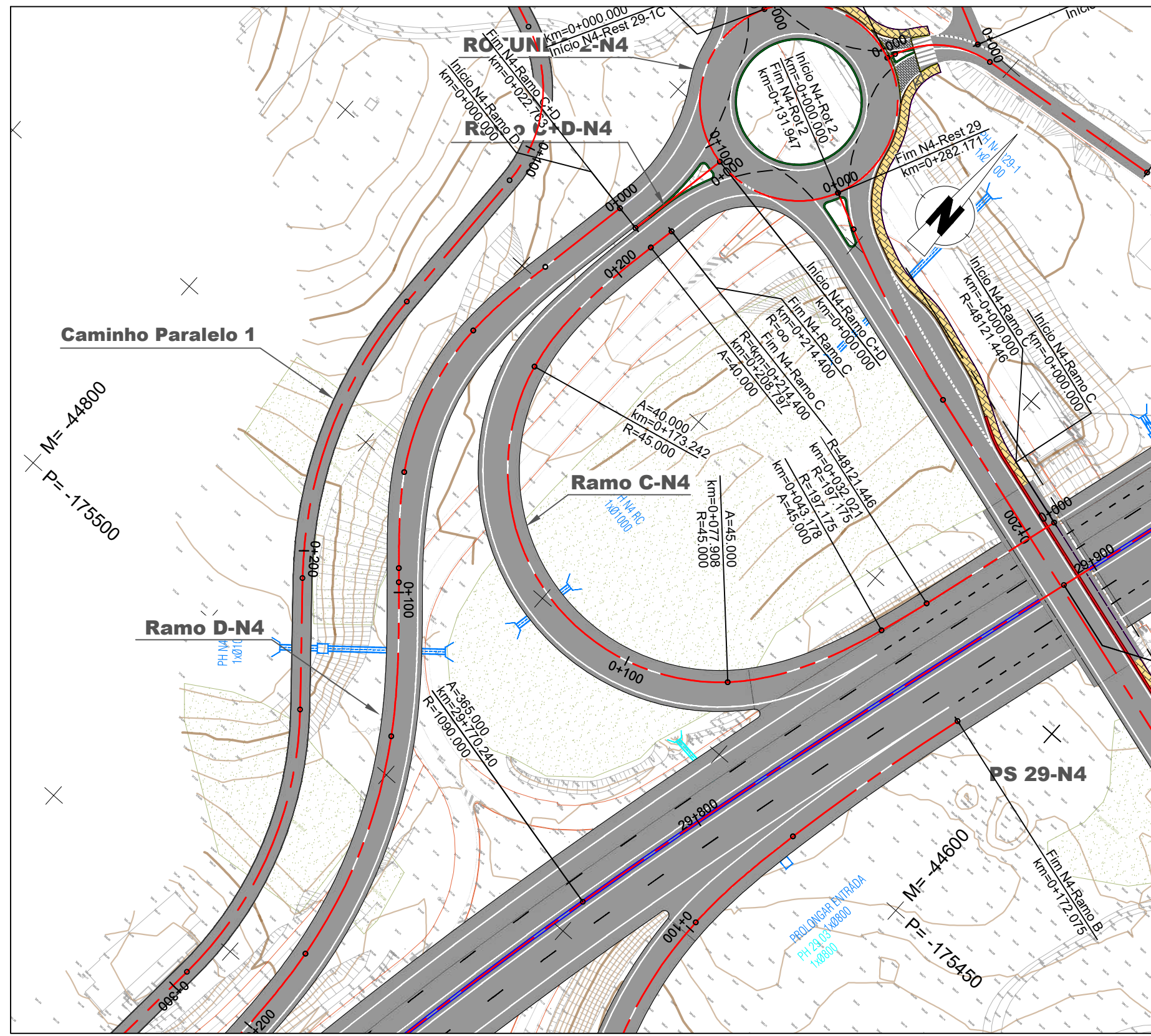


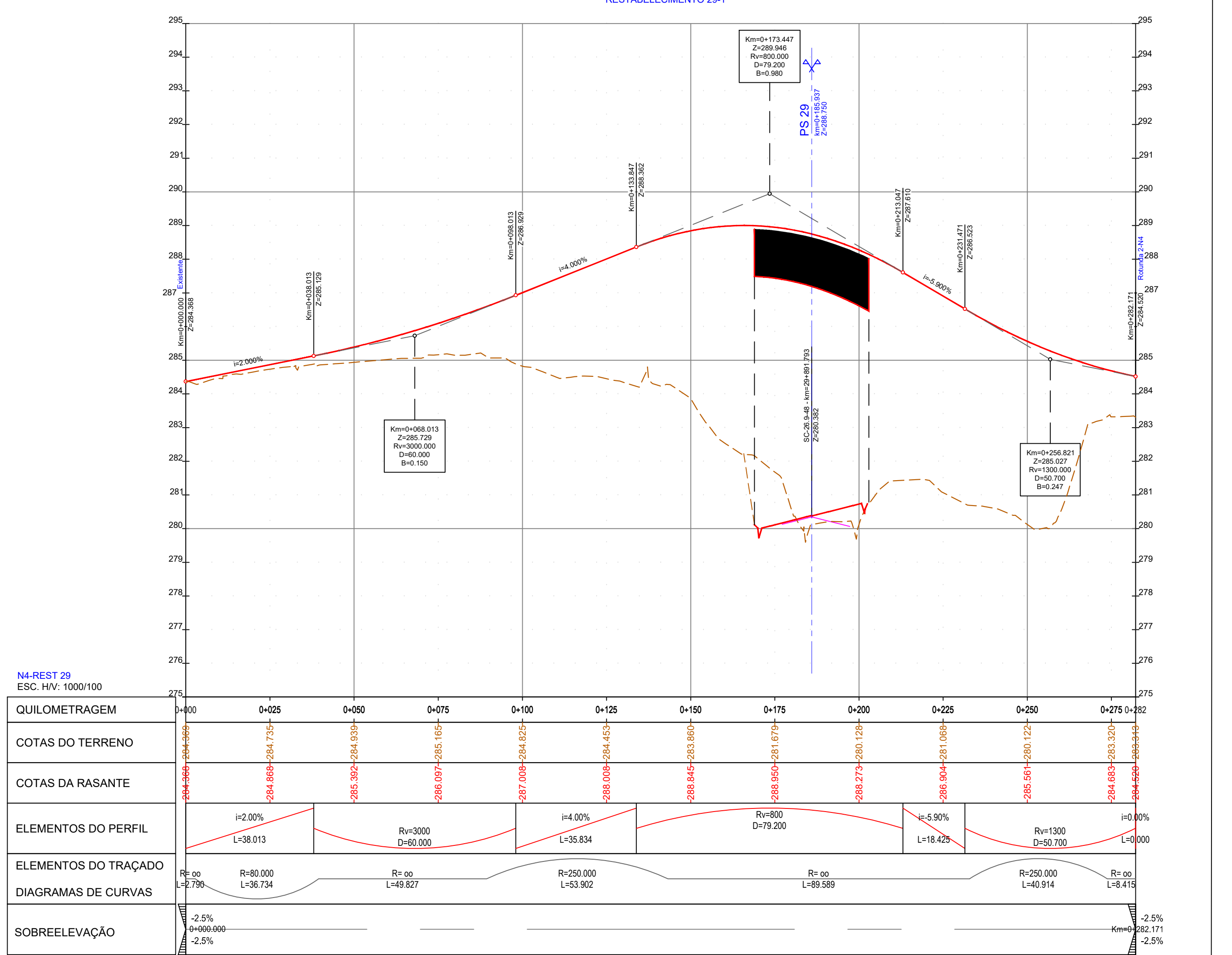
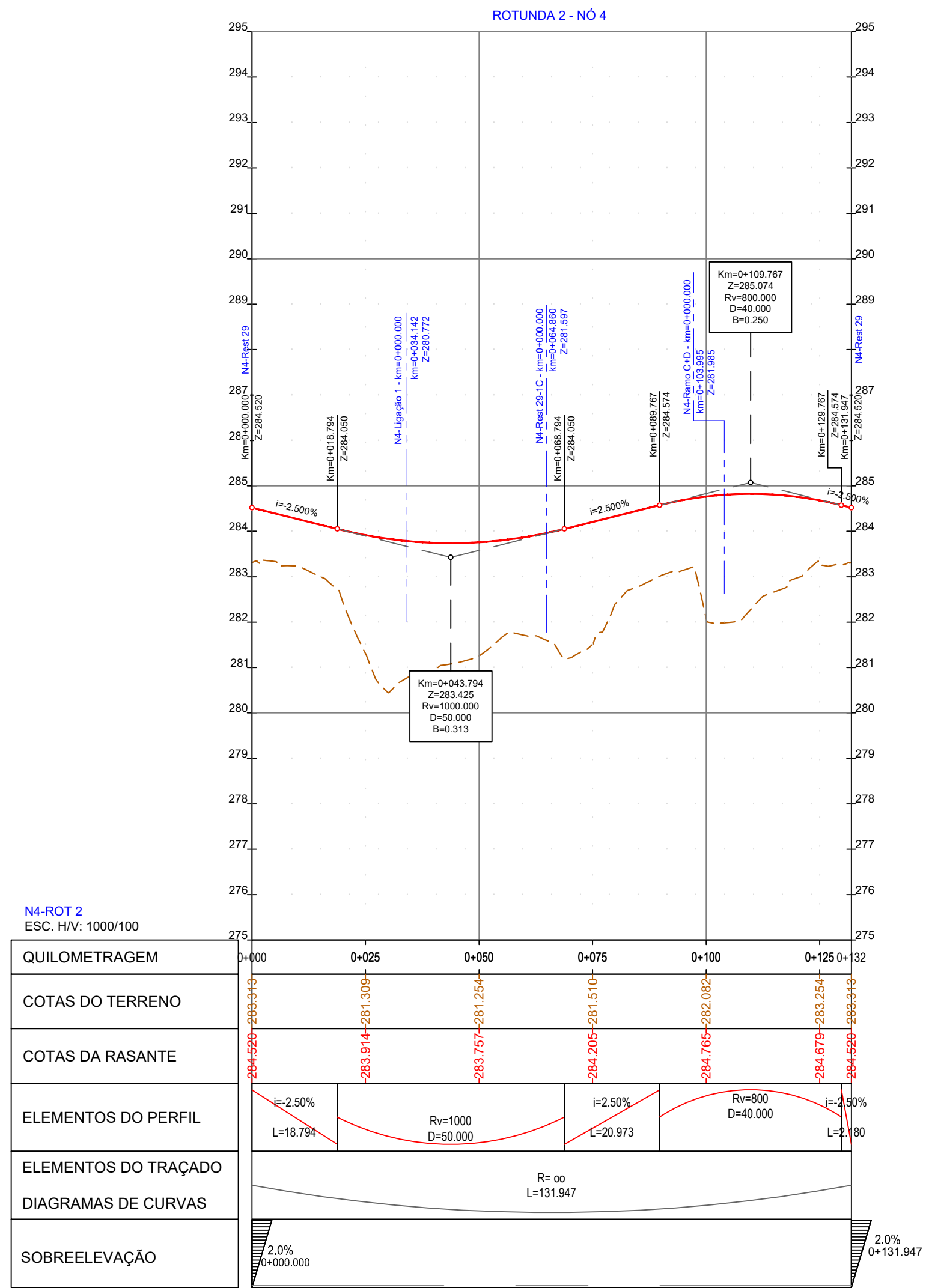
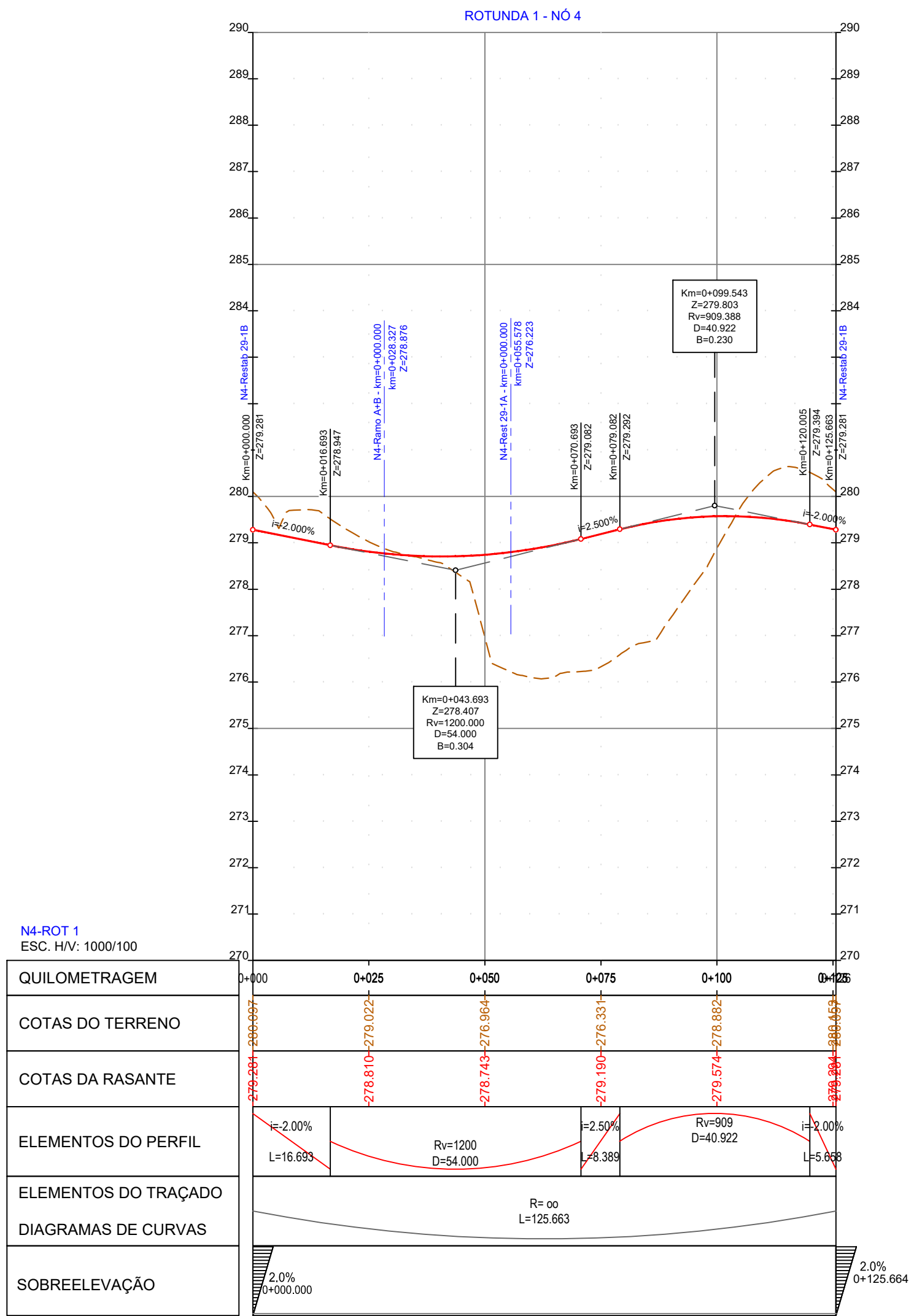
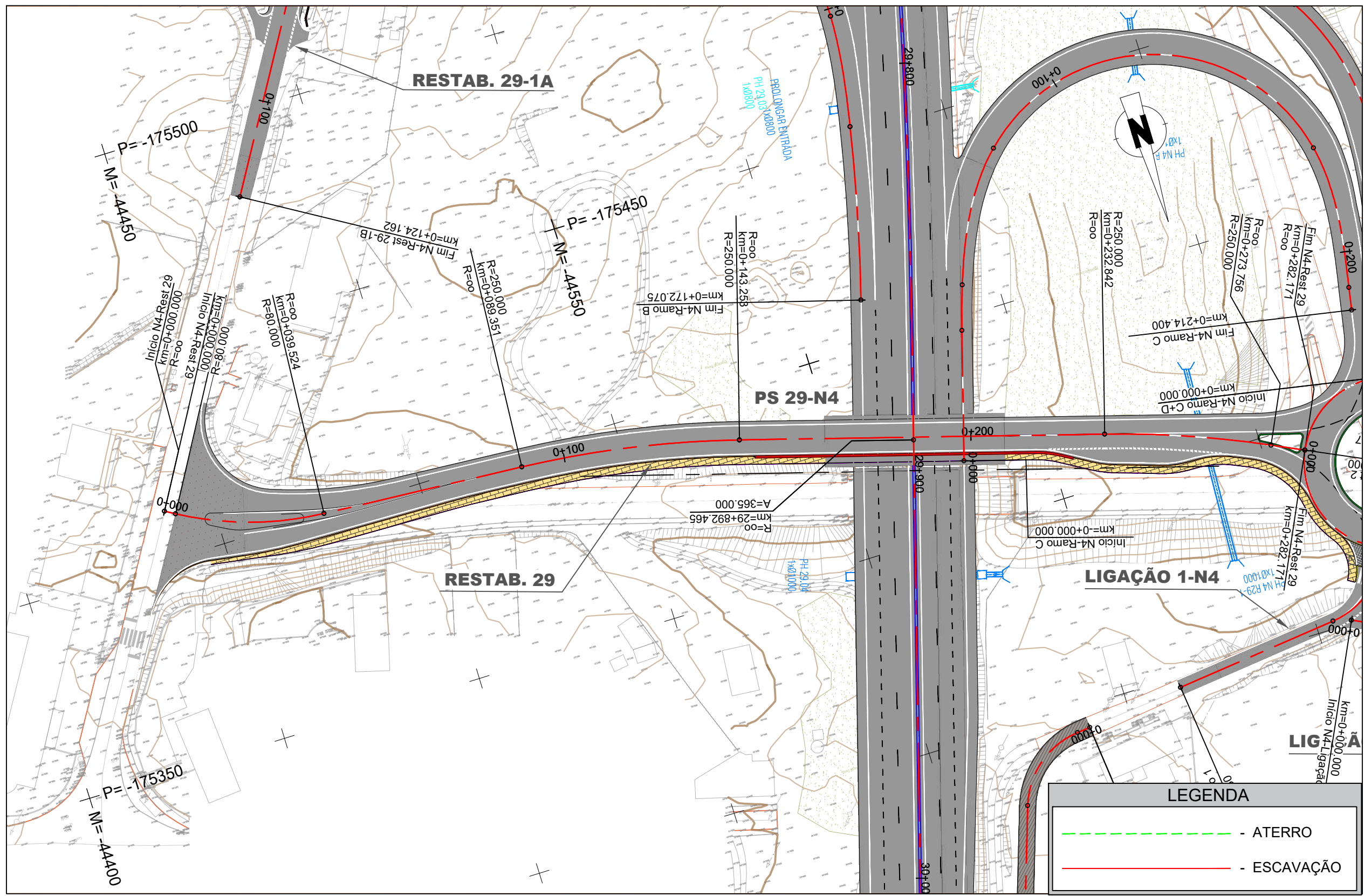
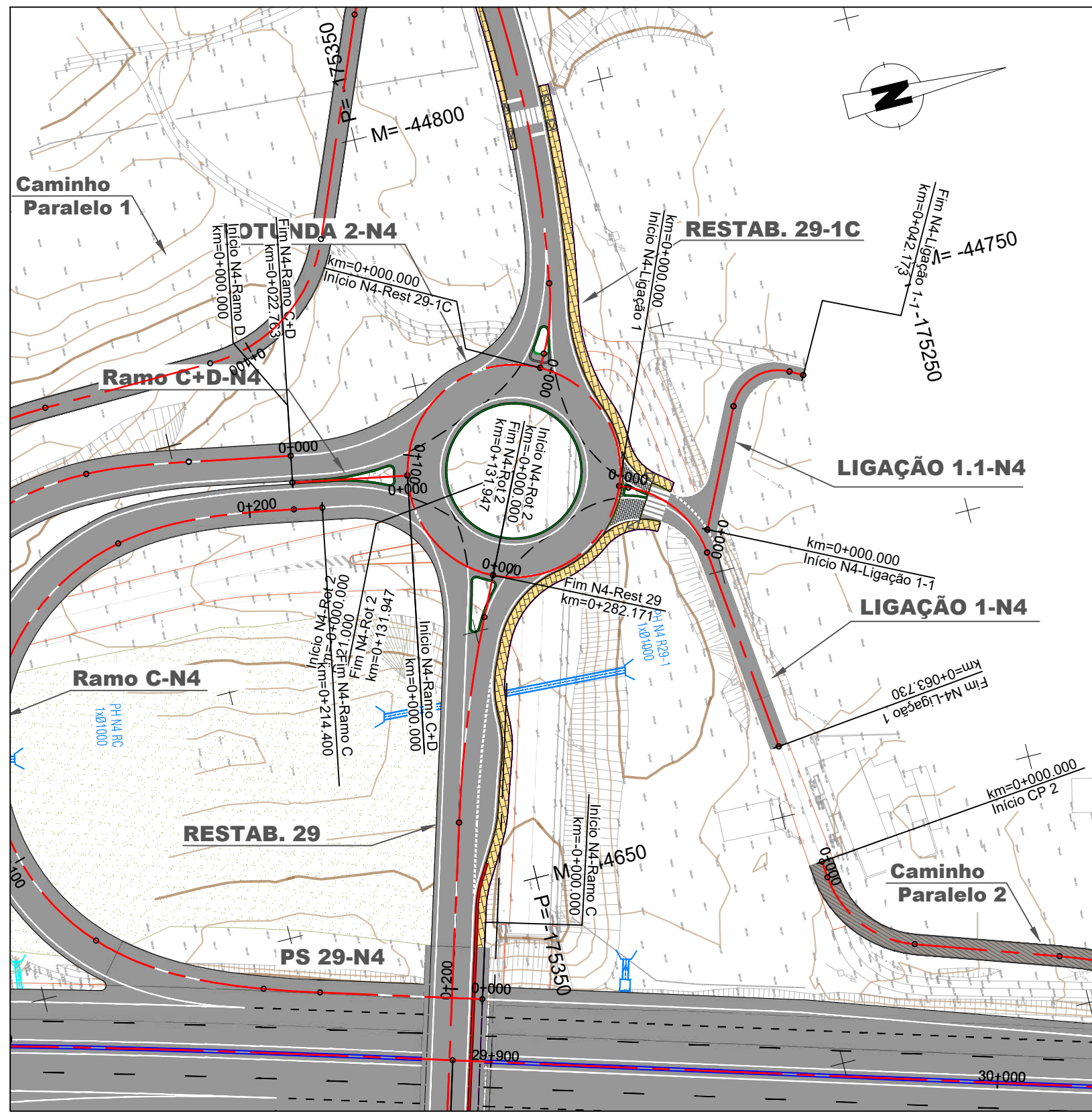
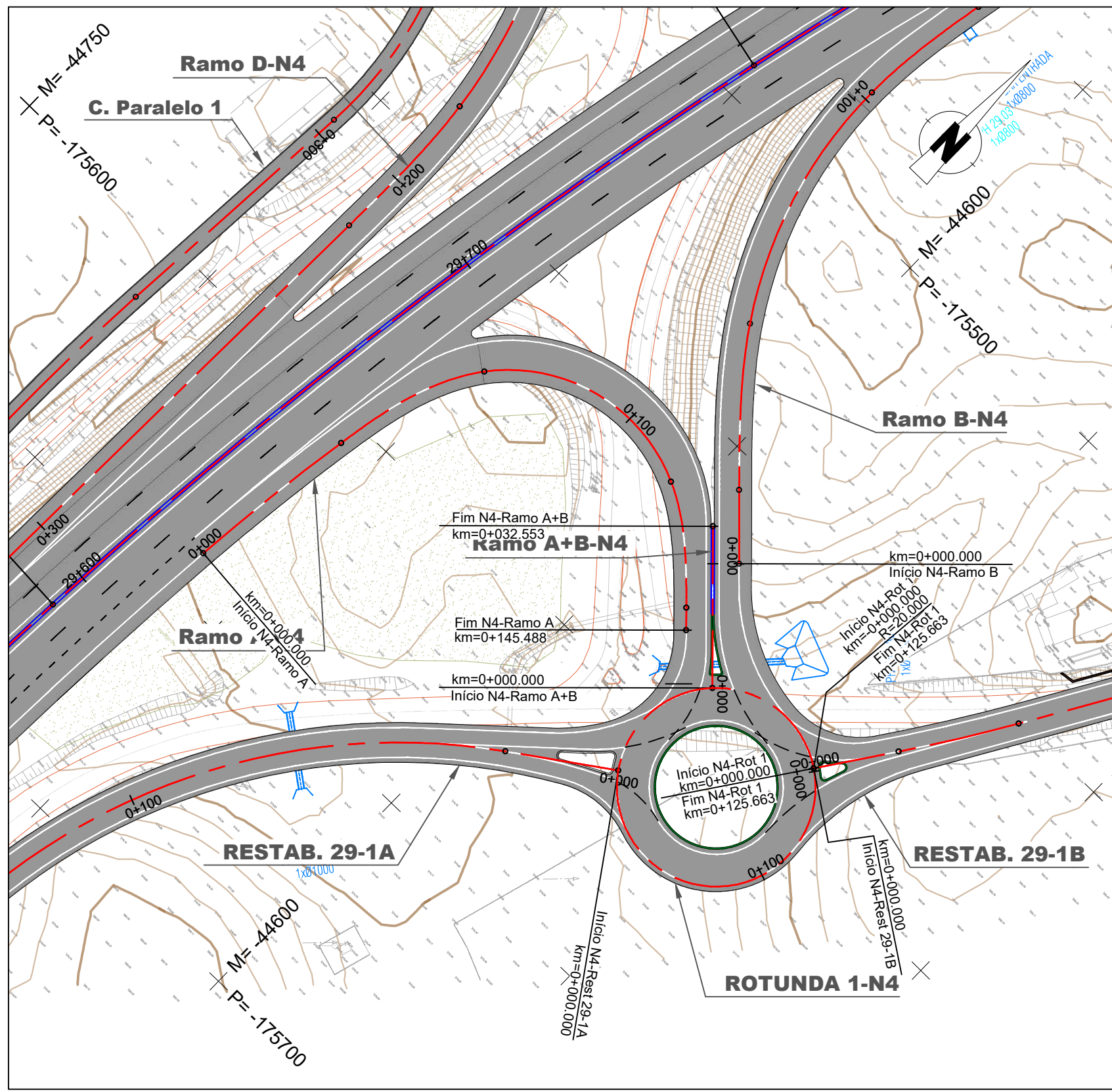
ANEXO 3.3 – NÓS

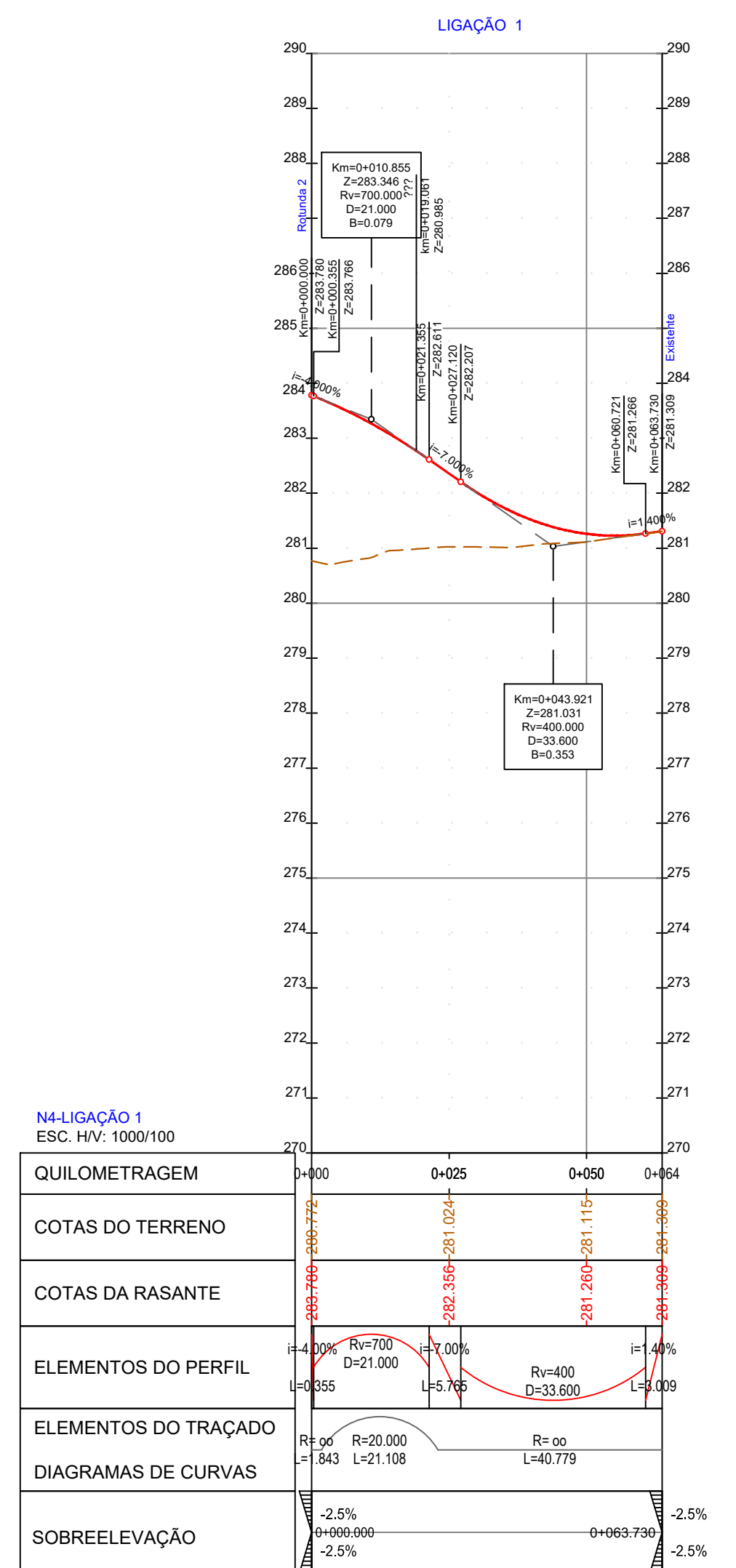
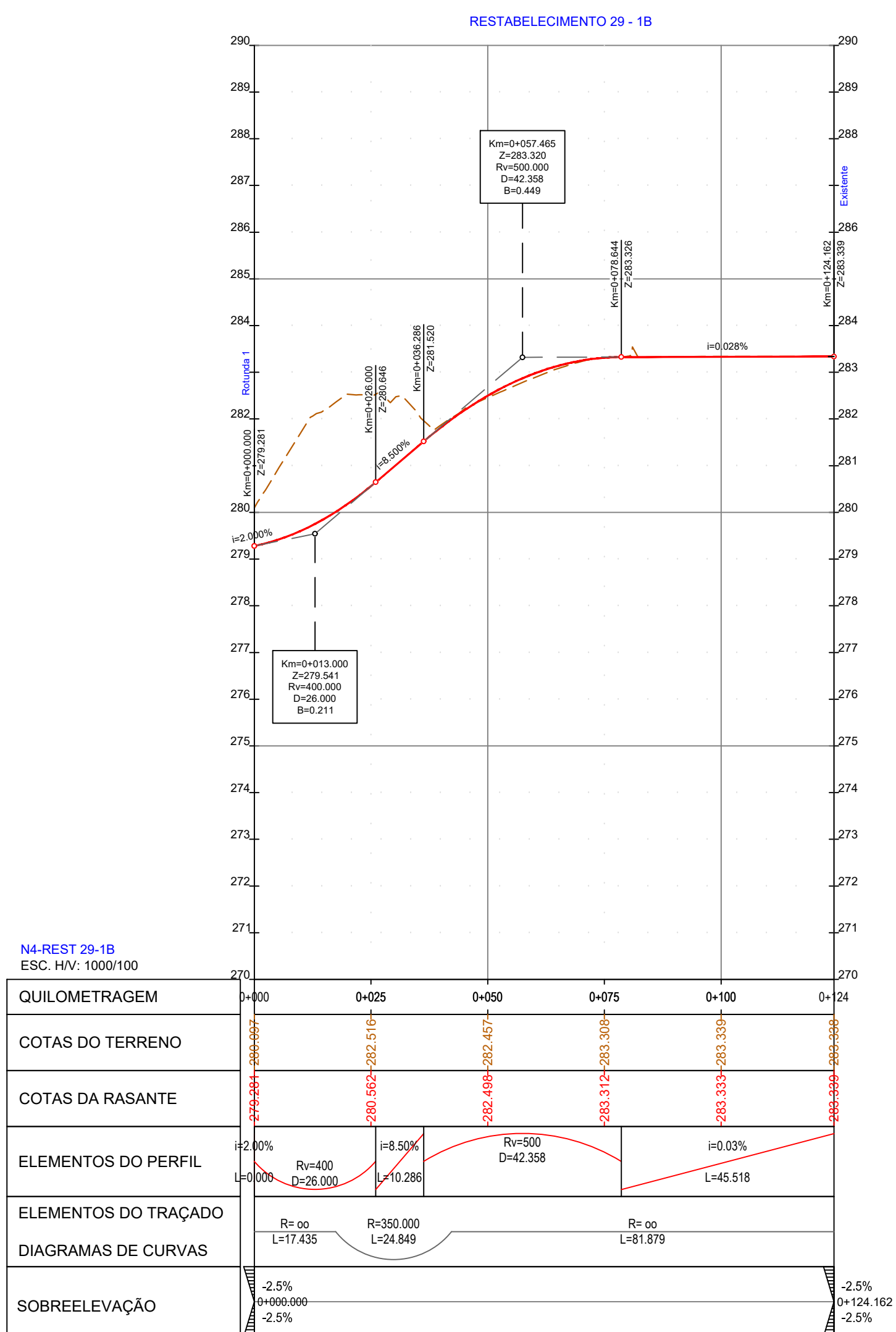
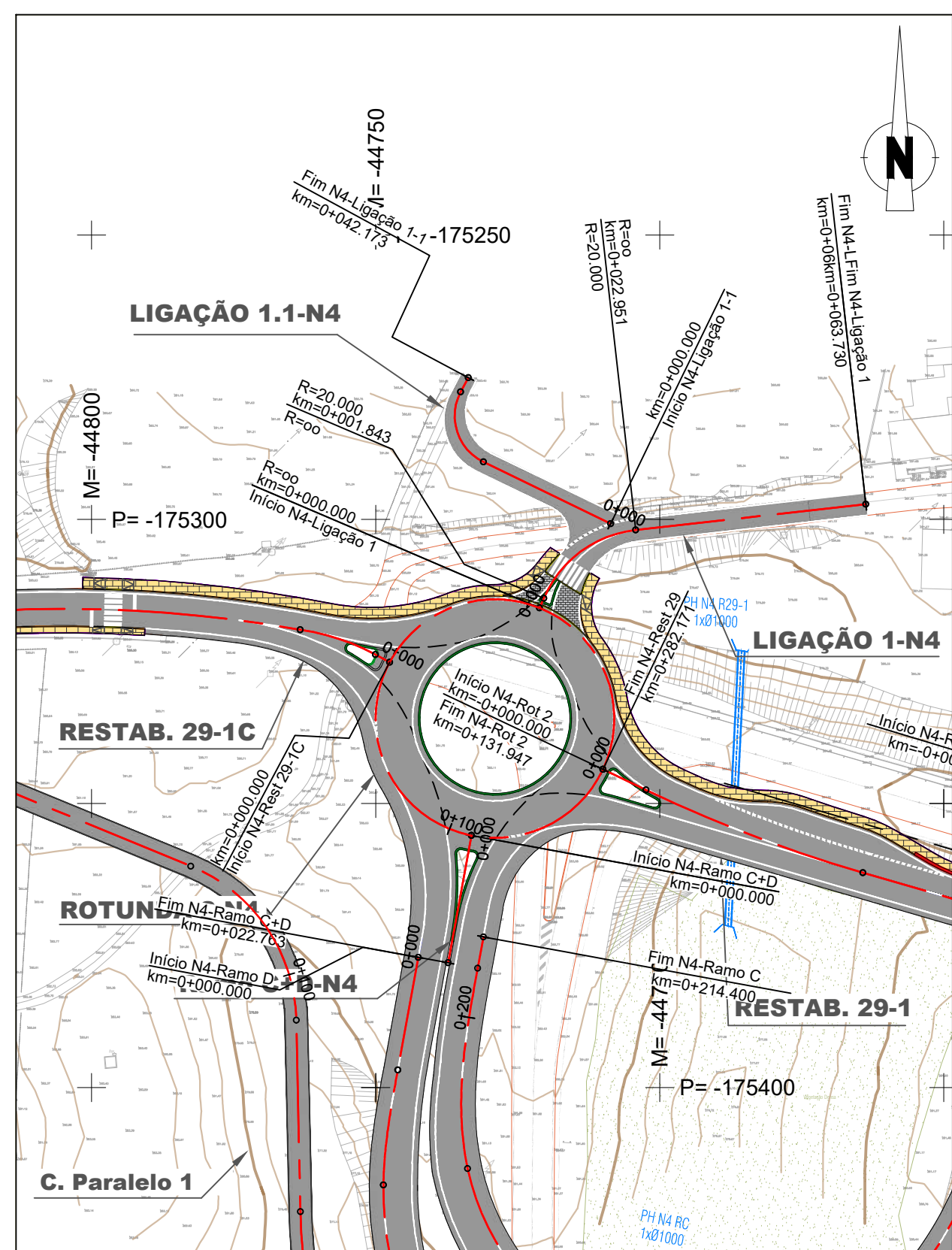
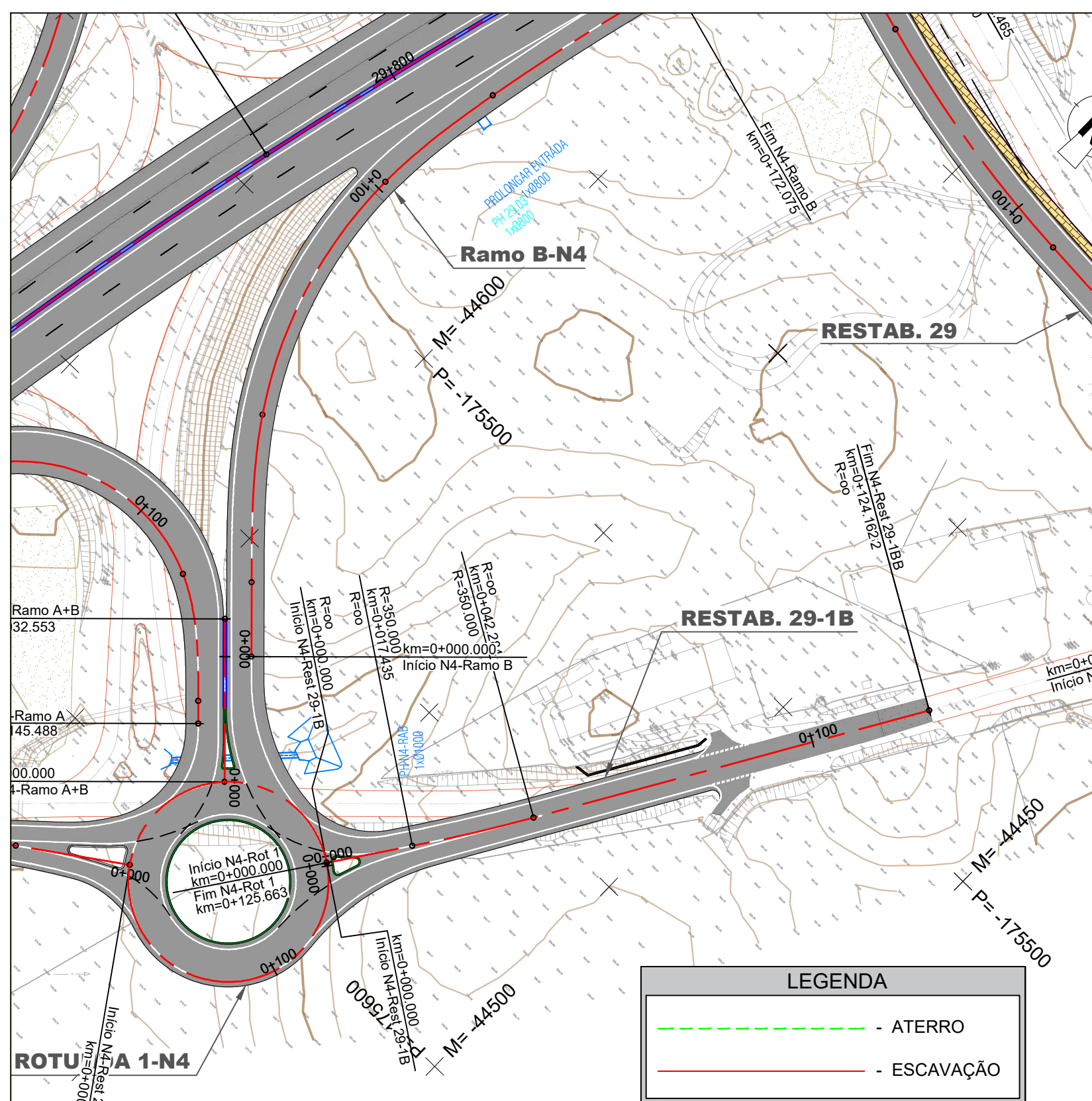


Anexo 3.3.1 – Nó de Roncão



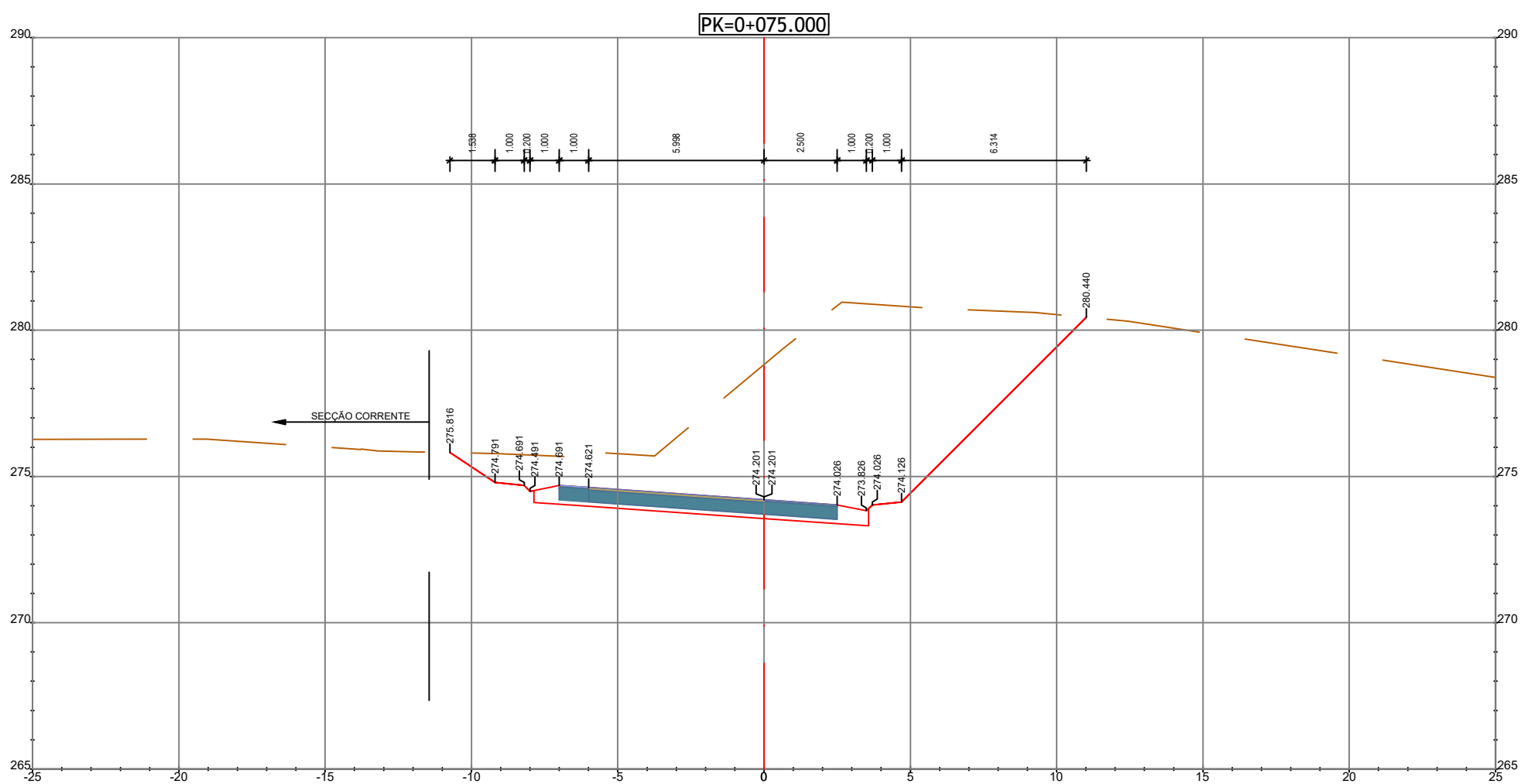
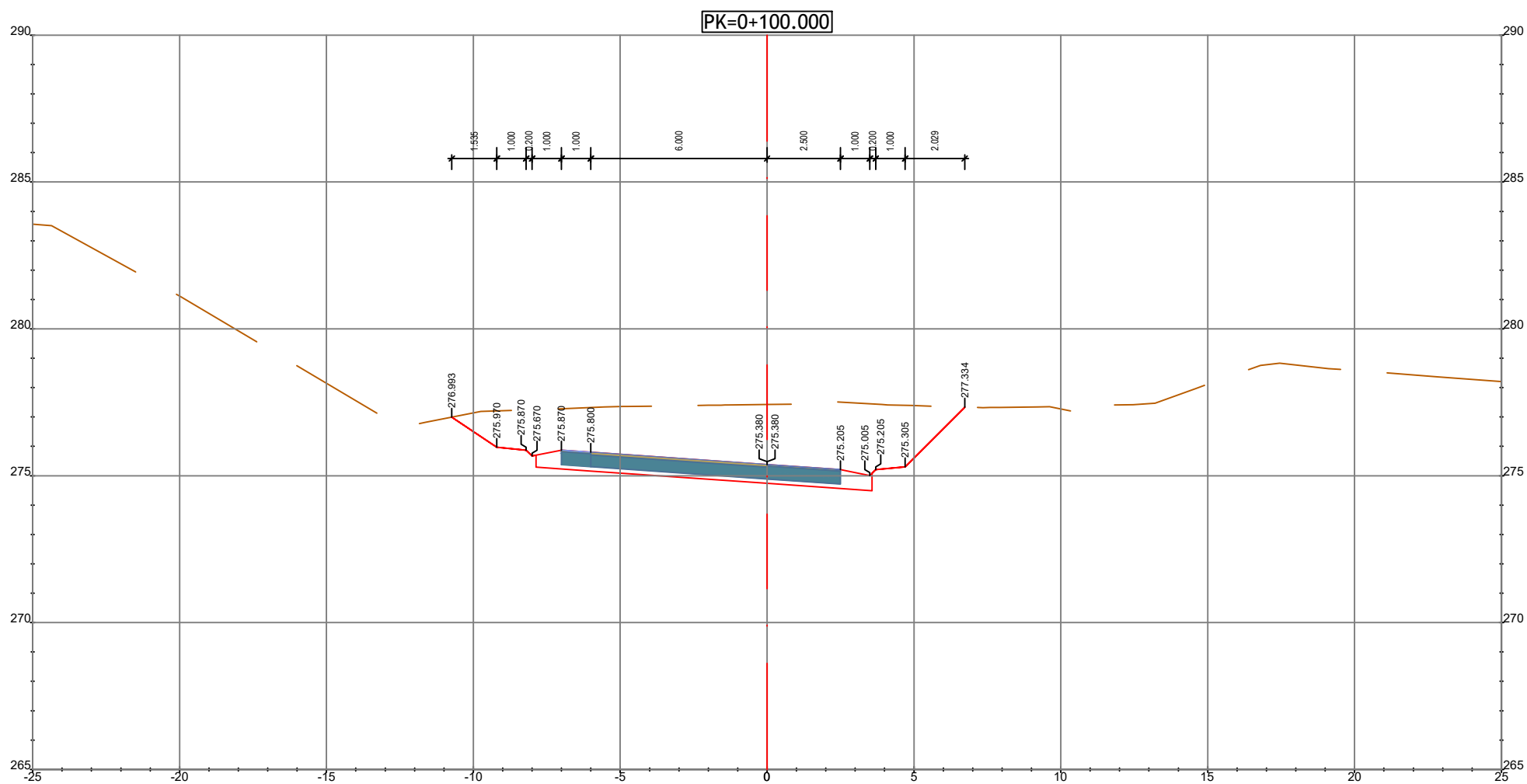
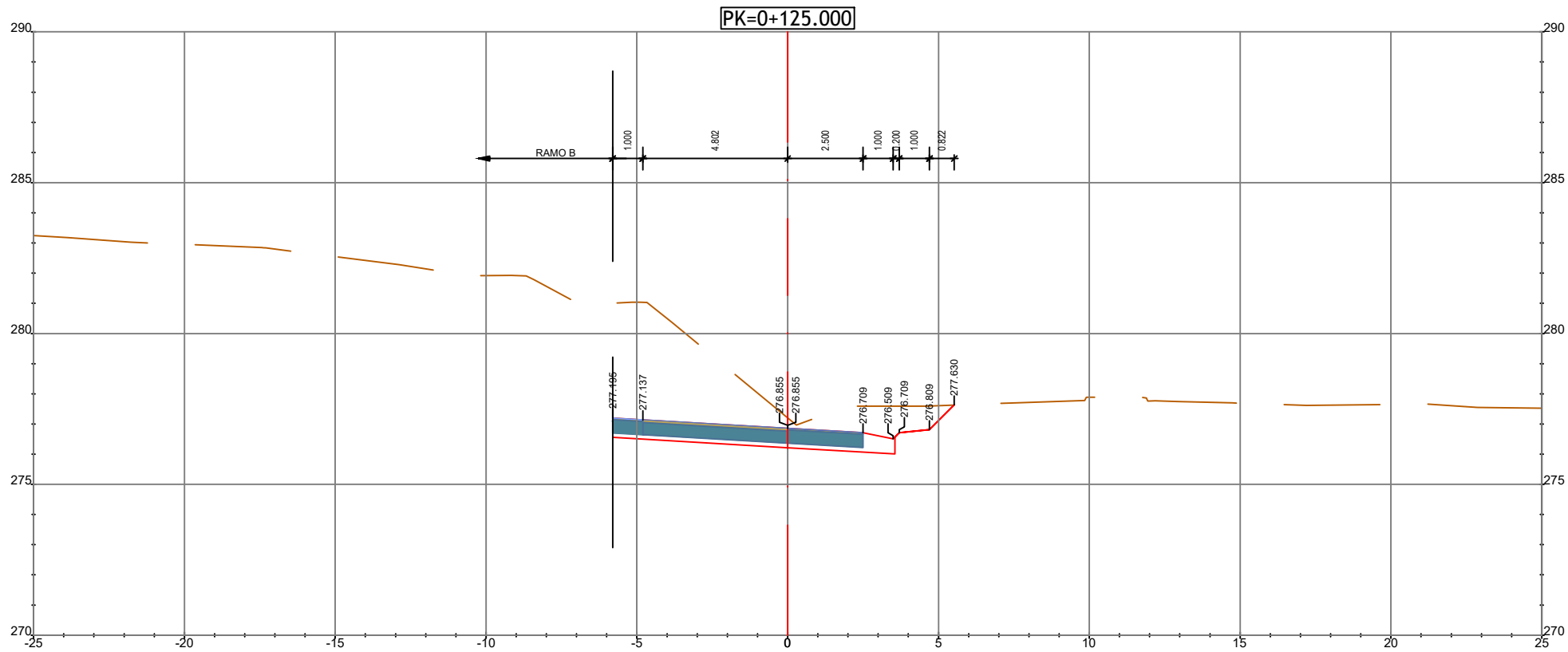






RAMO A

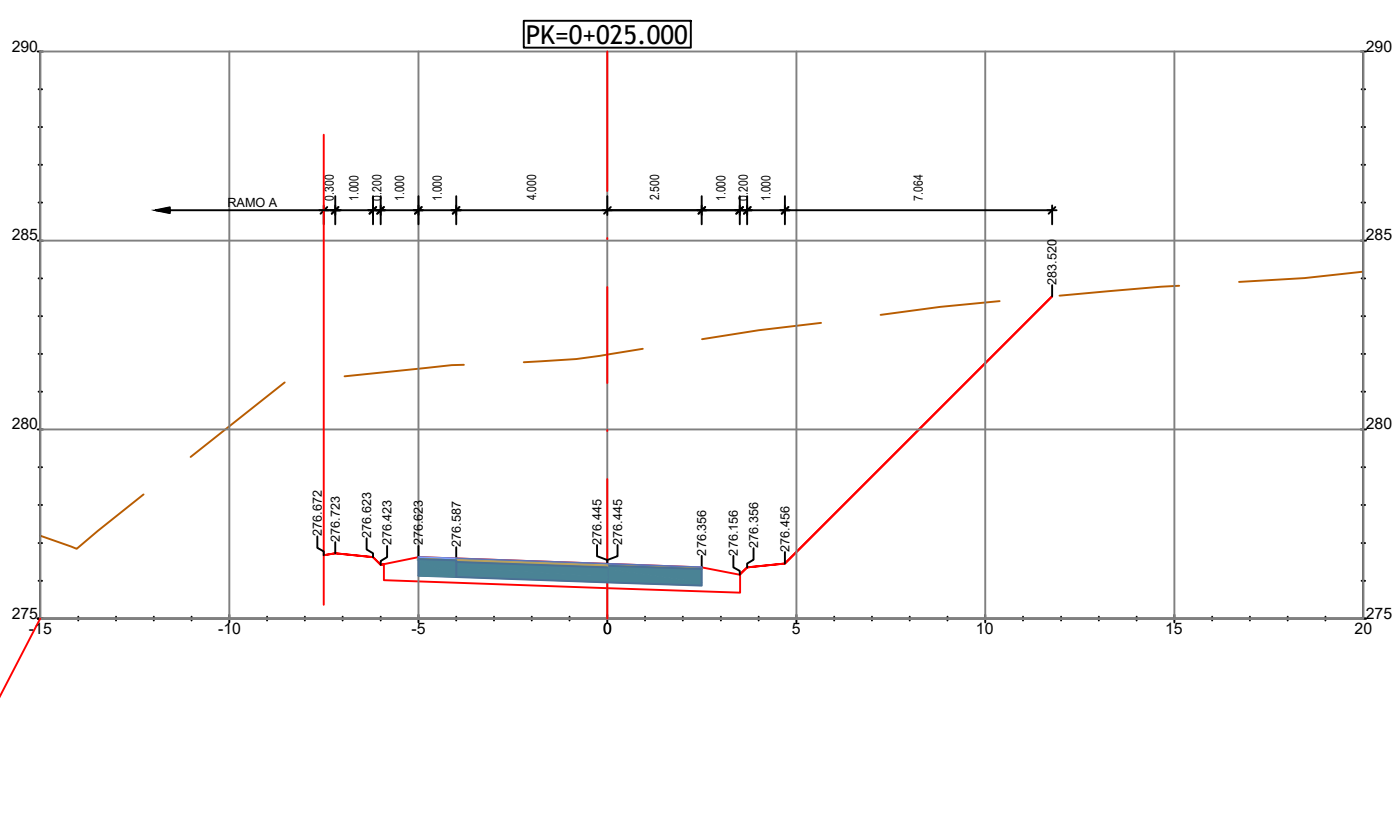
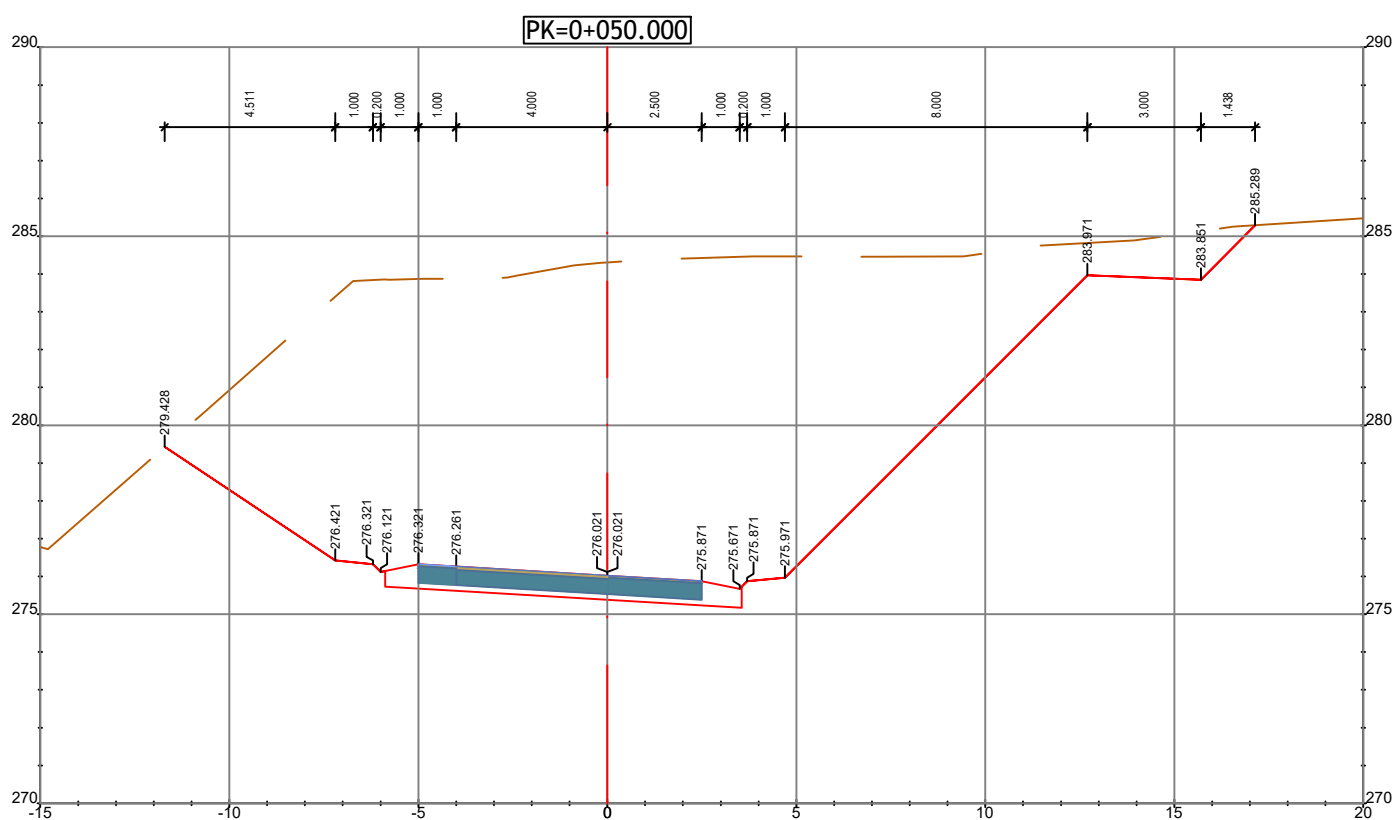
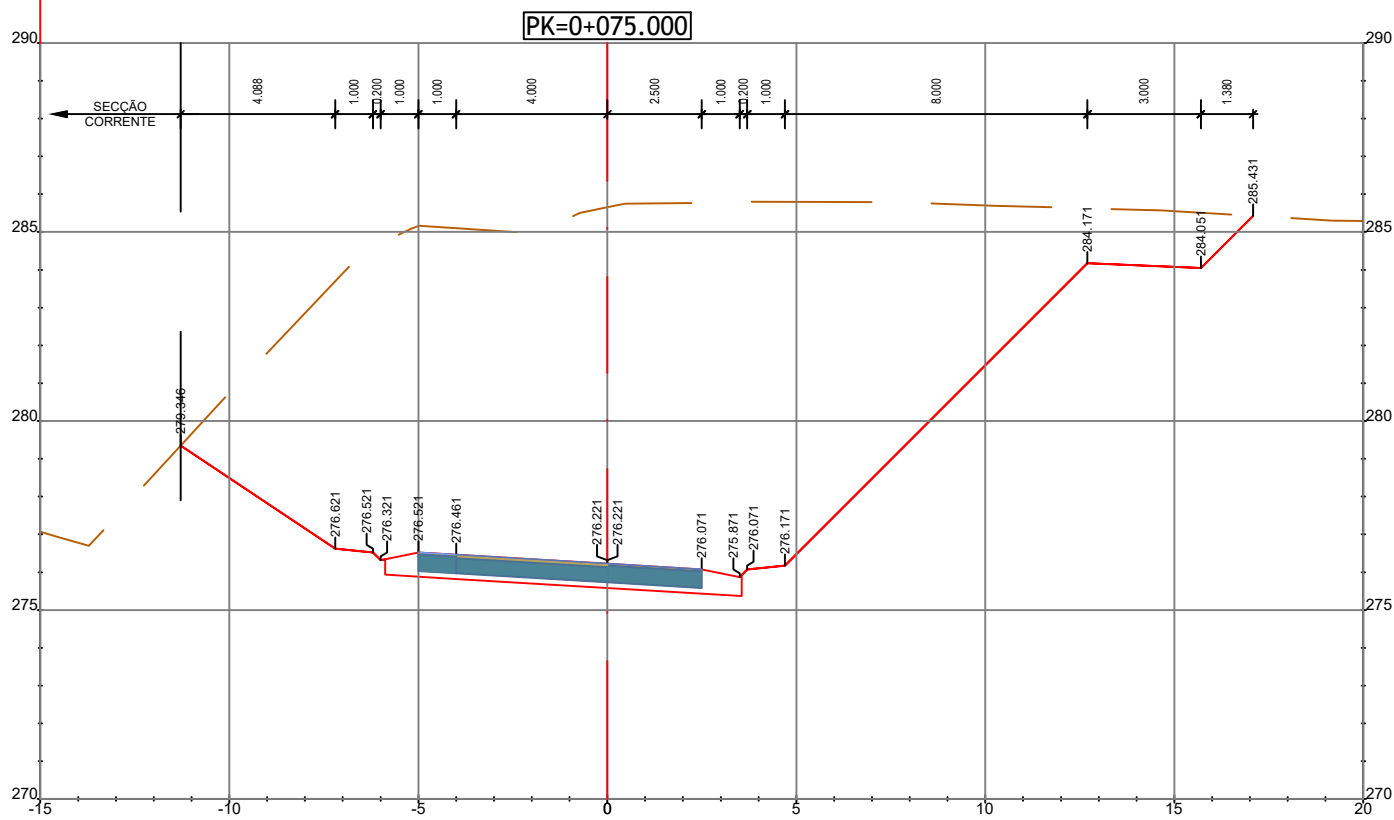
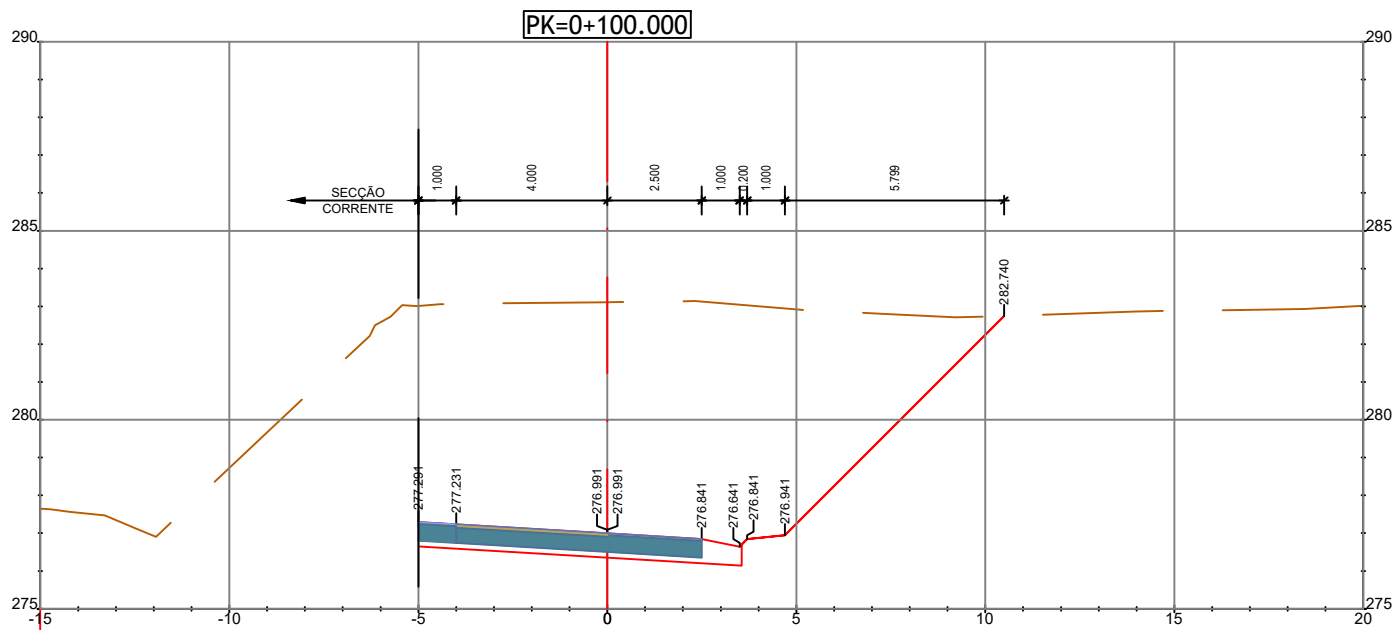
PK 0+145.488
COTAS DEDUZIDAS DO RAMO A+B



ENTRE O PK 0+000 E O PK 0+061.992,
COTAS DEDUZIDAS DA SECÇÃO CORRENTE

RAMO B

ENTRE O PK 0+107.017 E O PK 0+172.075
COTAS DEDUZIDAS DA SECÇÃO CORRENTE



PK 0+000.000
COTAS DEDUZIDAS DO RAMO A+B

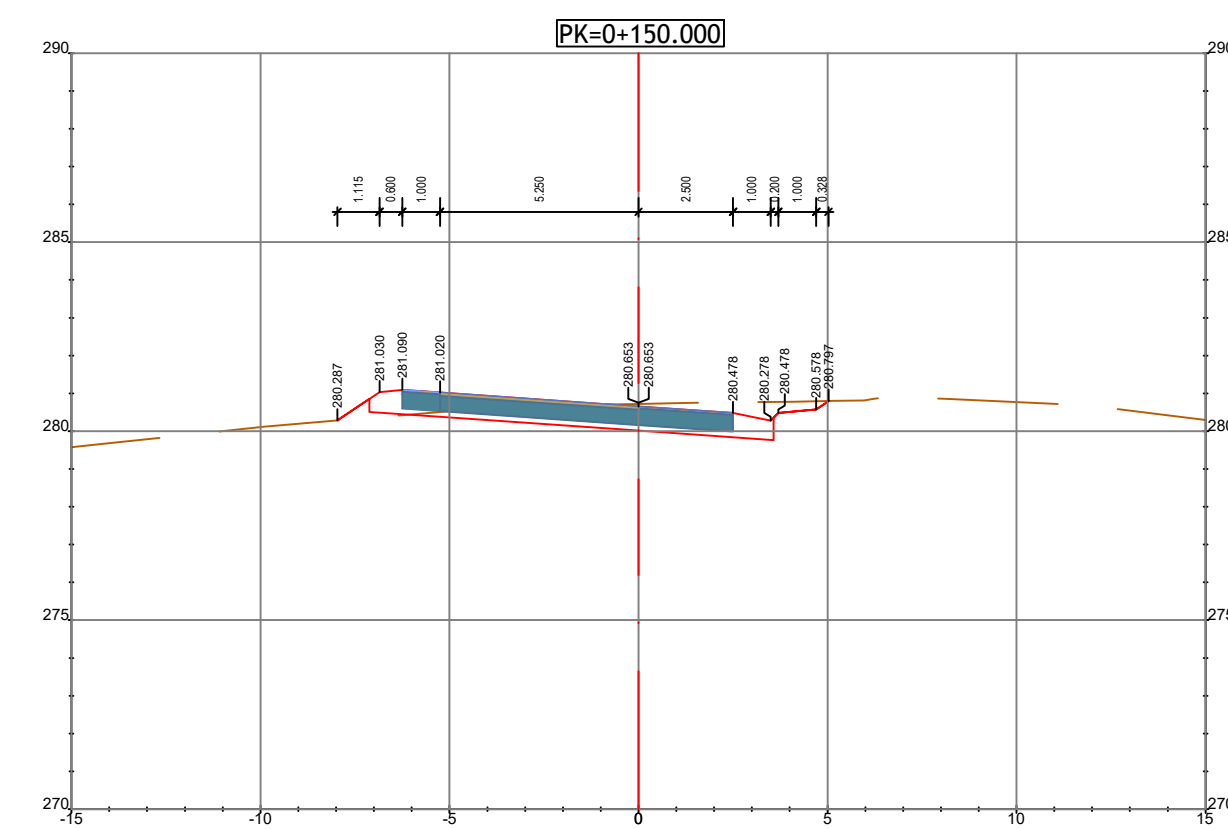
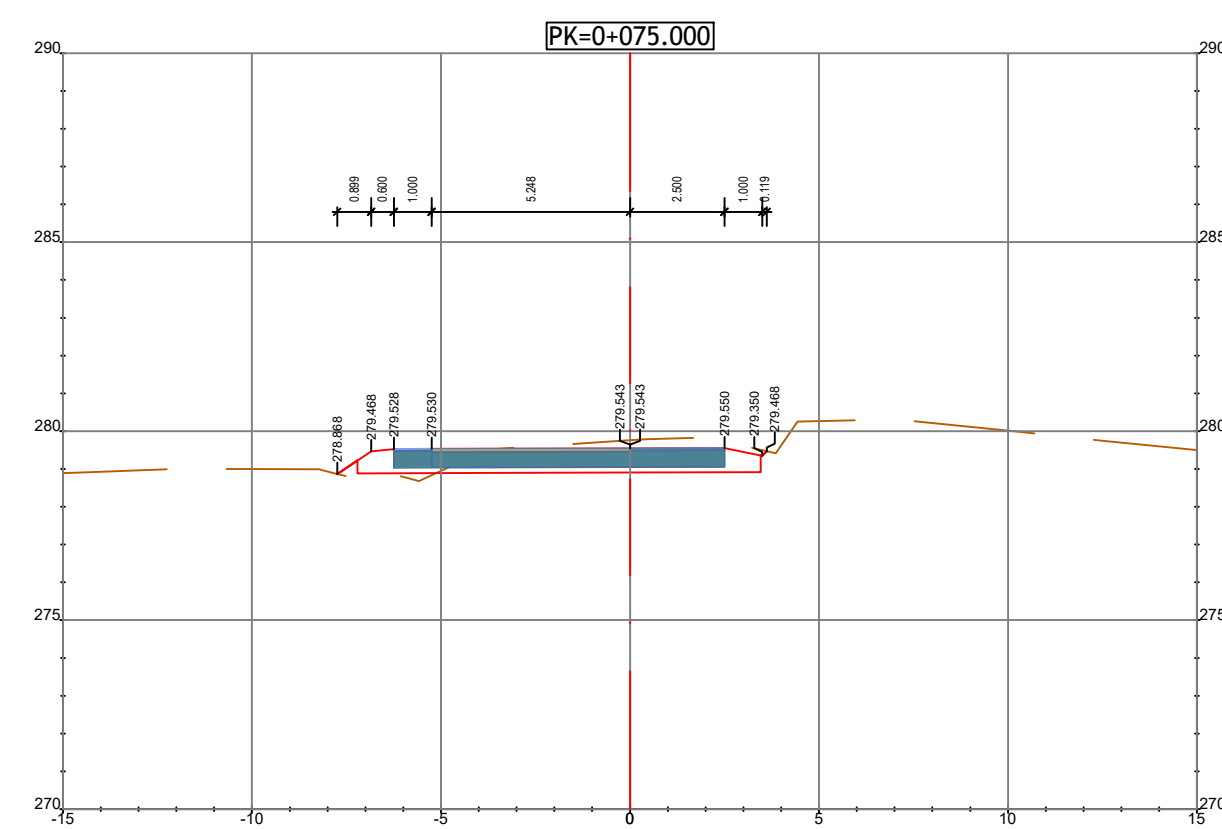
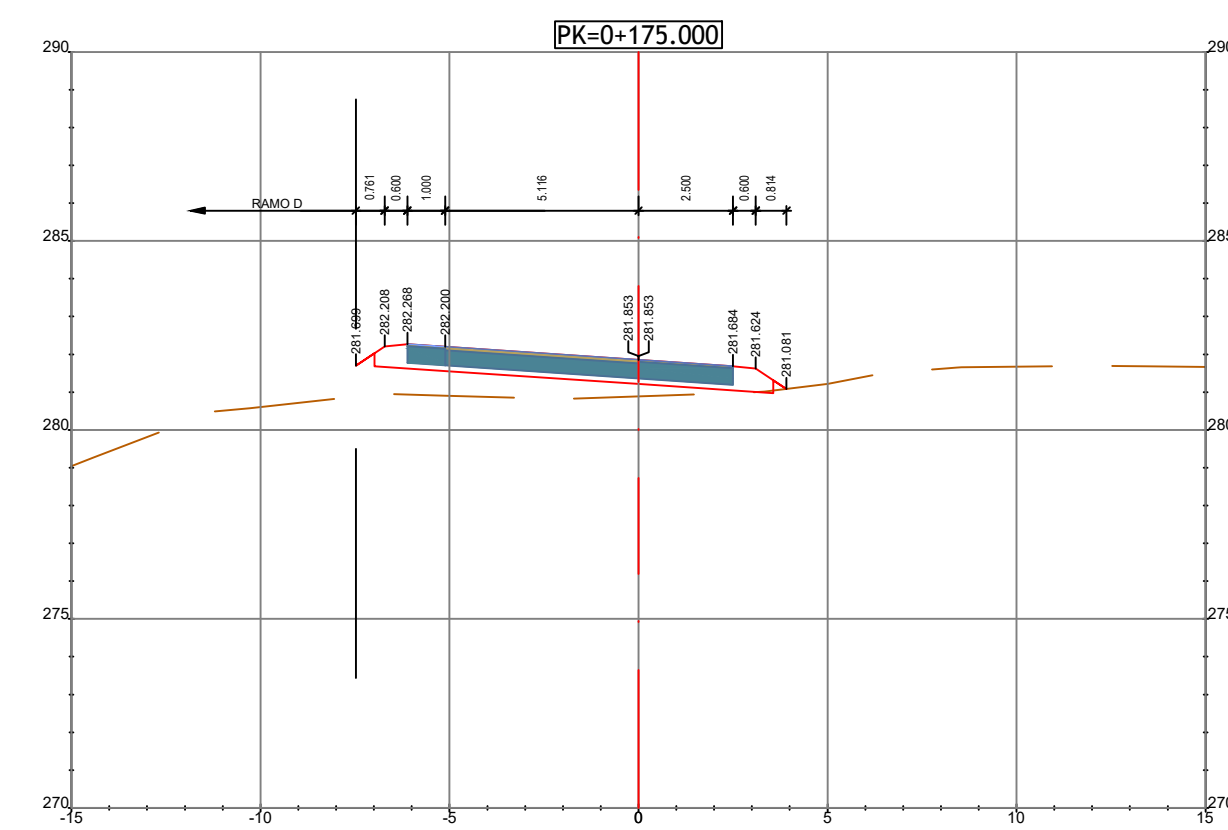
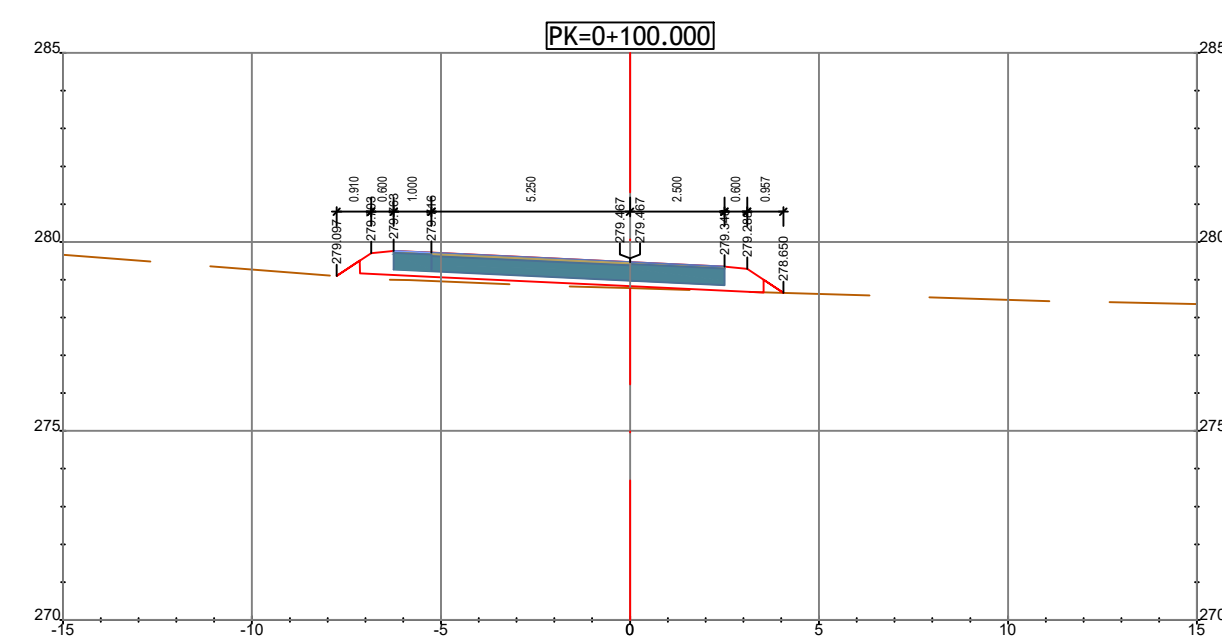
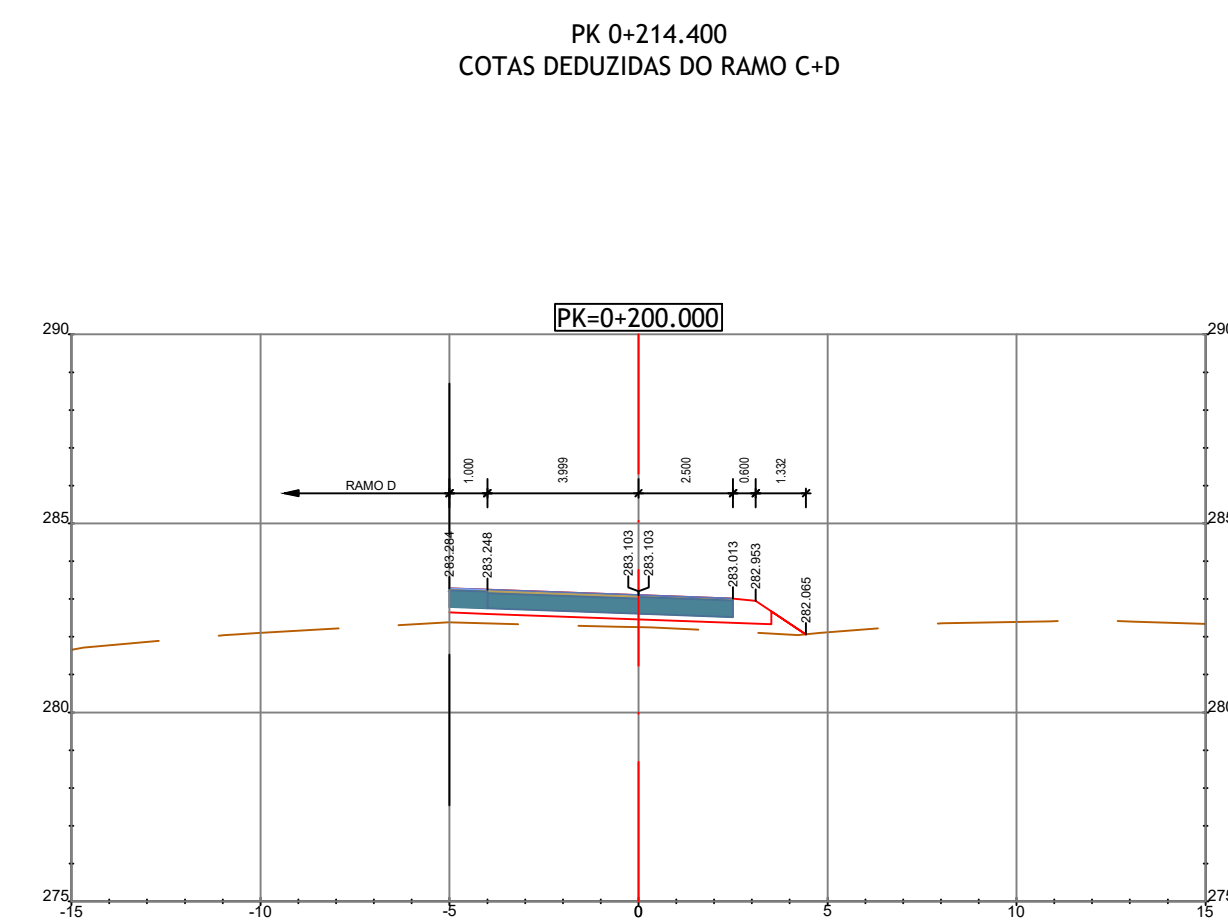
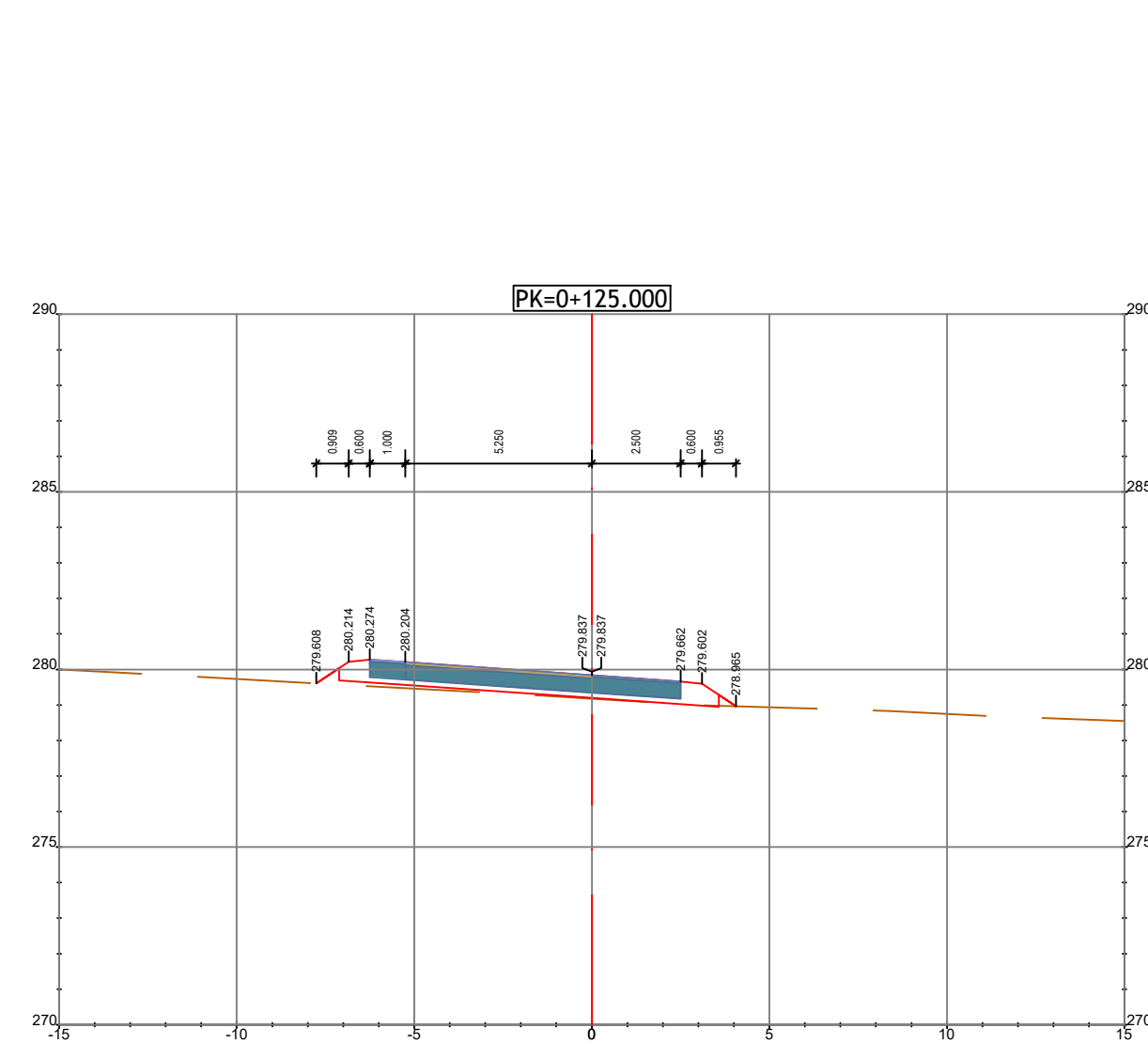
RAMO A+B

PK 0+032.553
COTAS DEDUZIDAS DO RAMO A E DO RAMO B

PK 0+025.000
COTAS DEDUZIDAS DO RAMO A E DO RAMO B
(VER PLANTA DE PORMENOR)

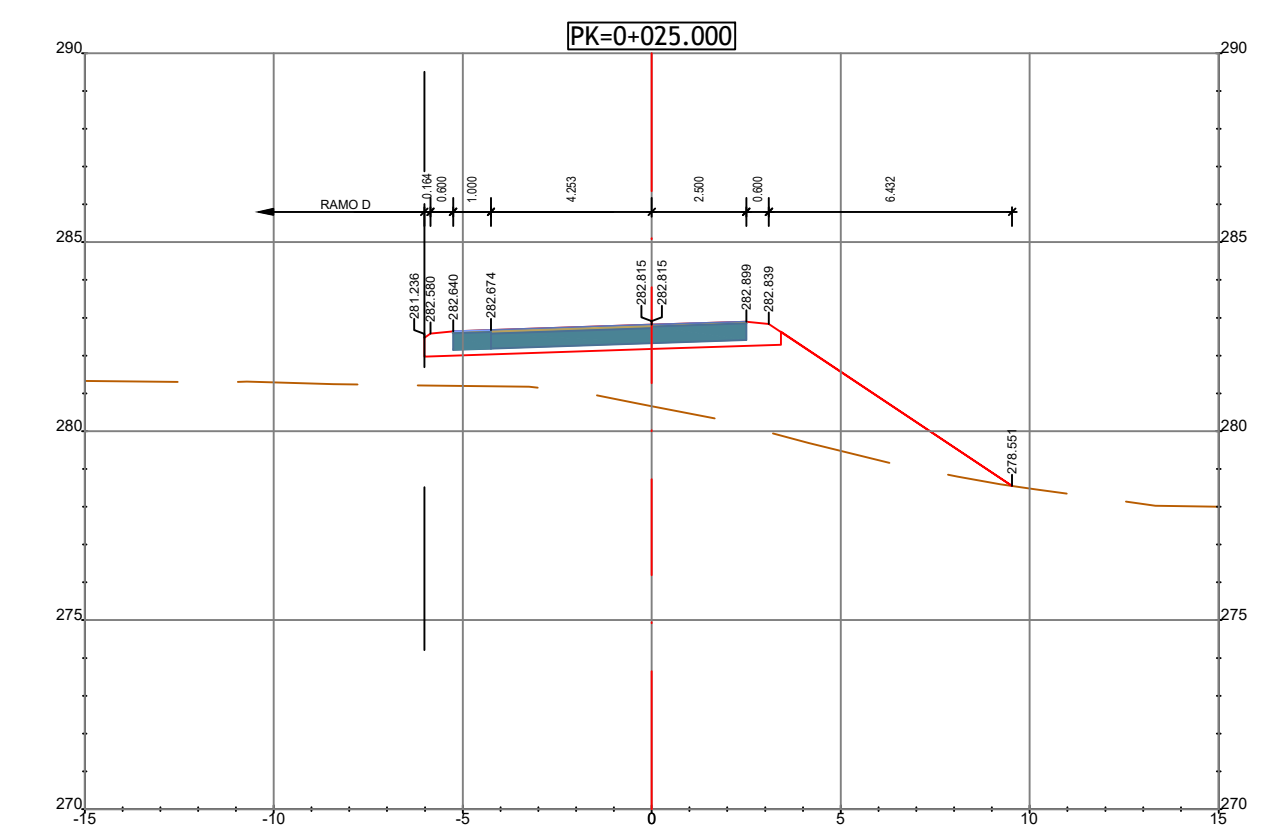
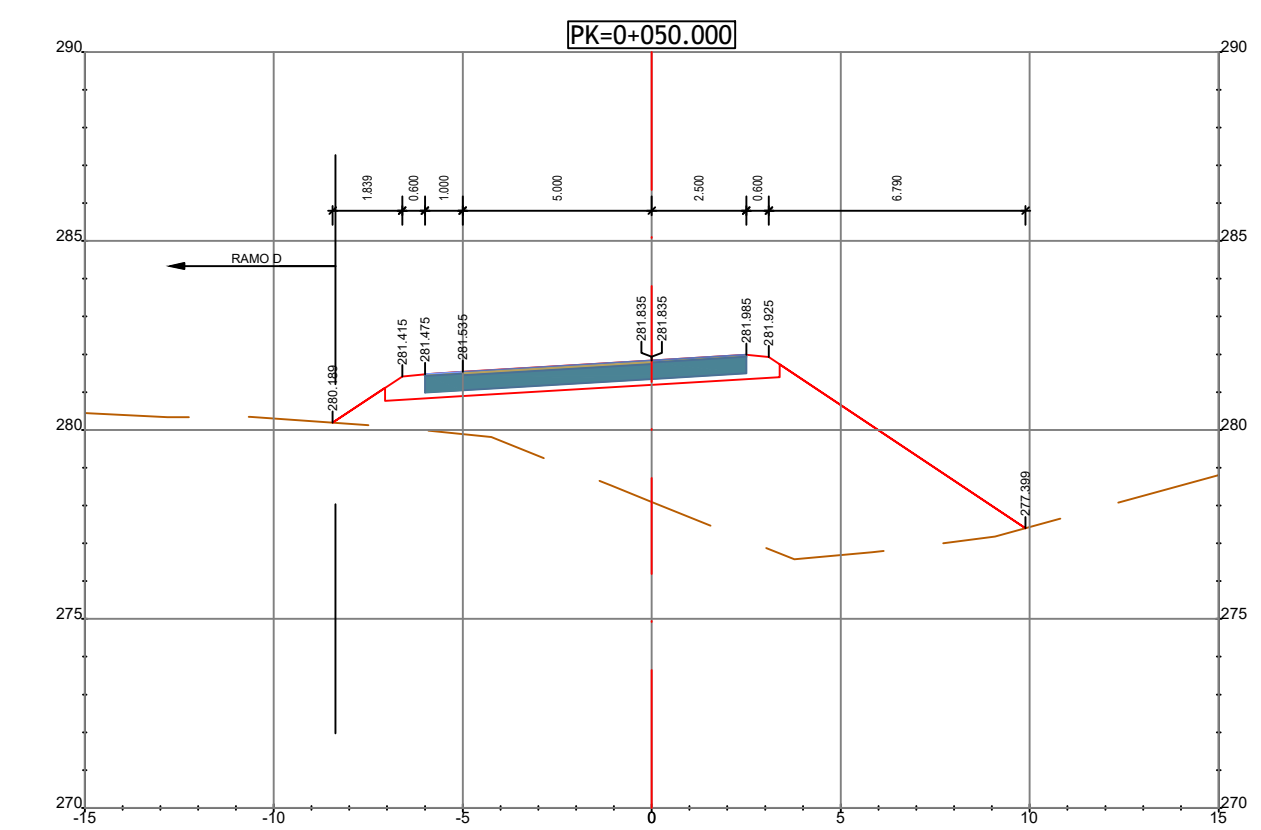
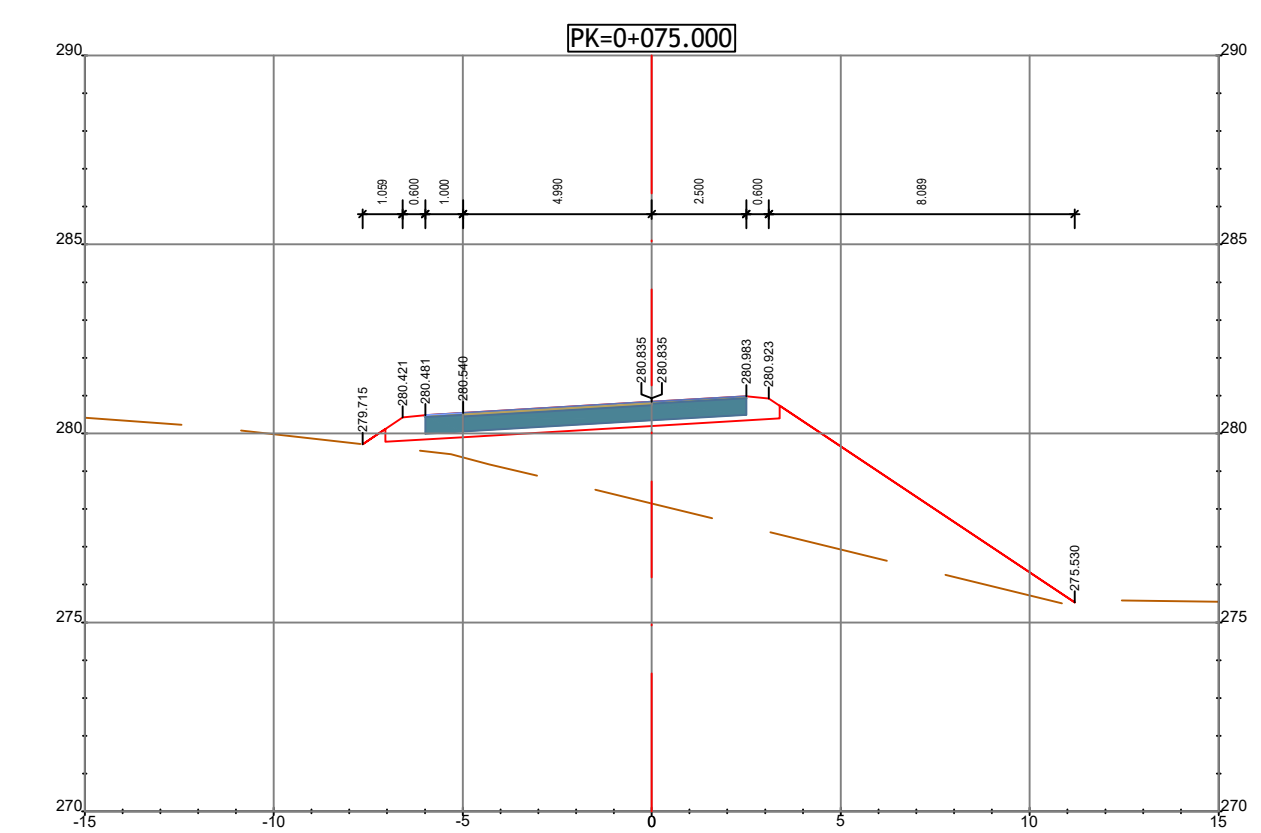
PK 0+000.000
COTAS DEDUZIDAS DO ROTUNDA 1

RAMO C



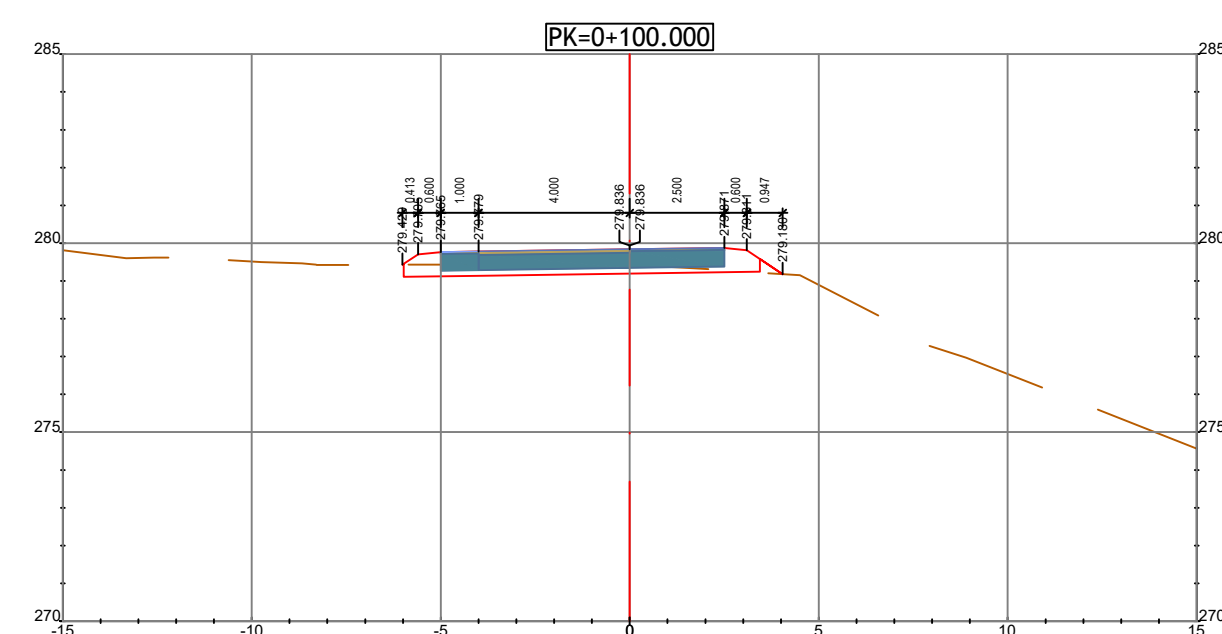
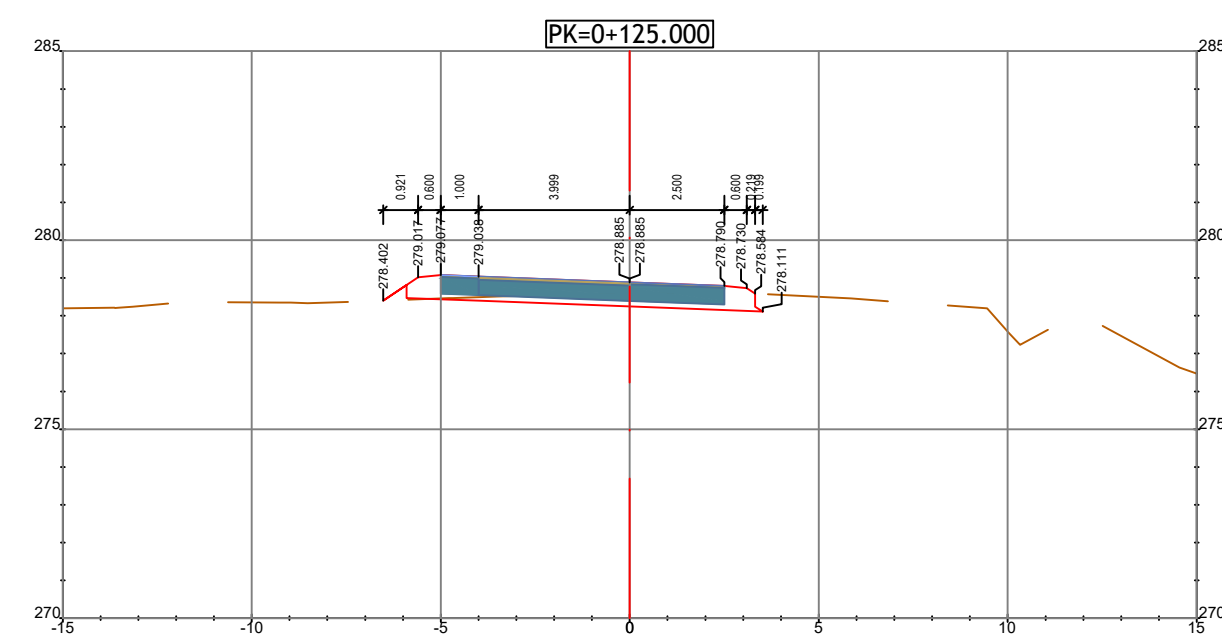
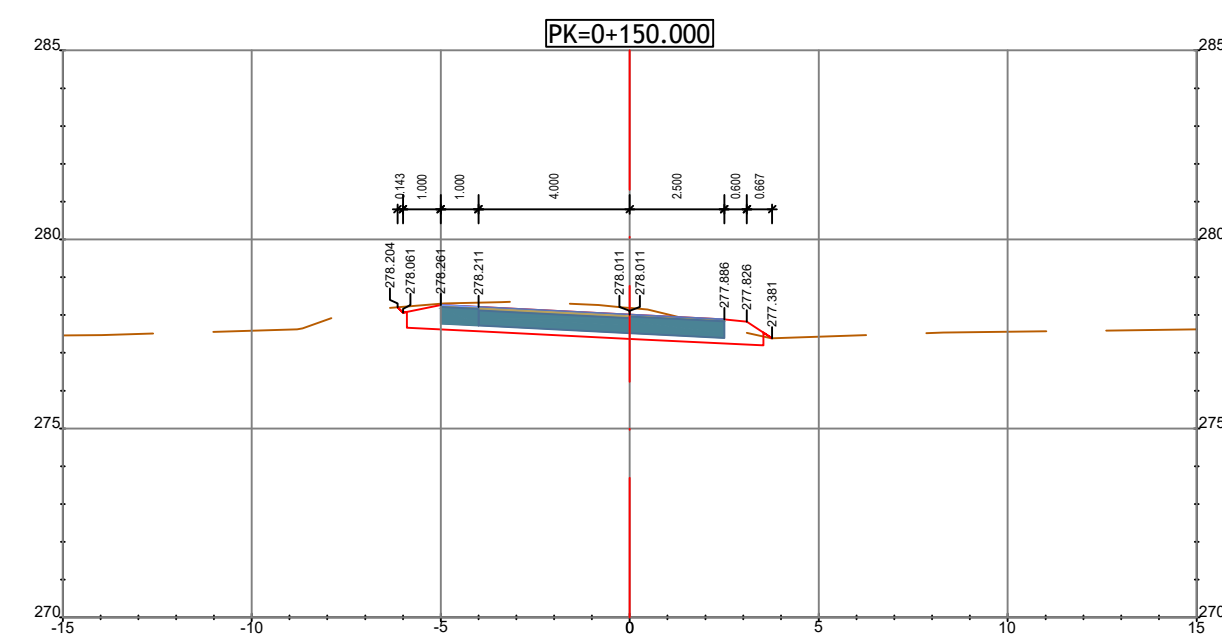
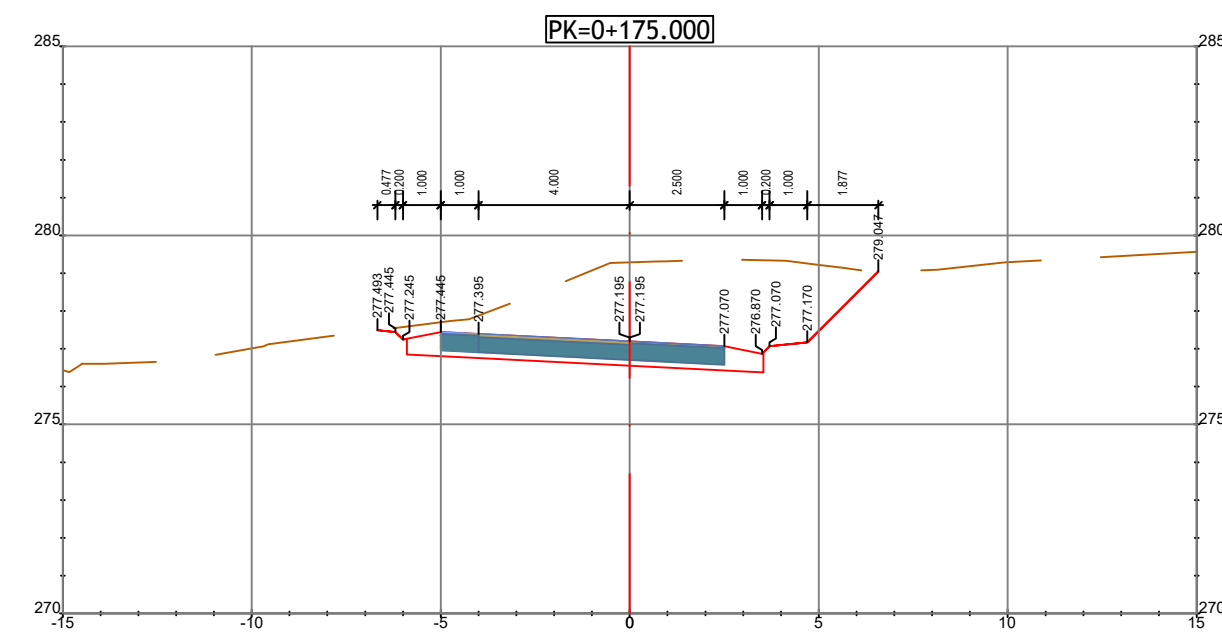
ENTRE O PK 0+000 E O PK 0+072.081,
COTAS DEDUZIDAS DA SECÇÃO CORRENTE

RAMO D

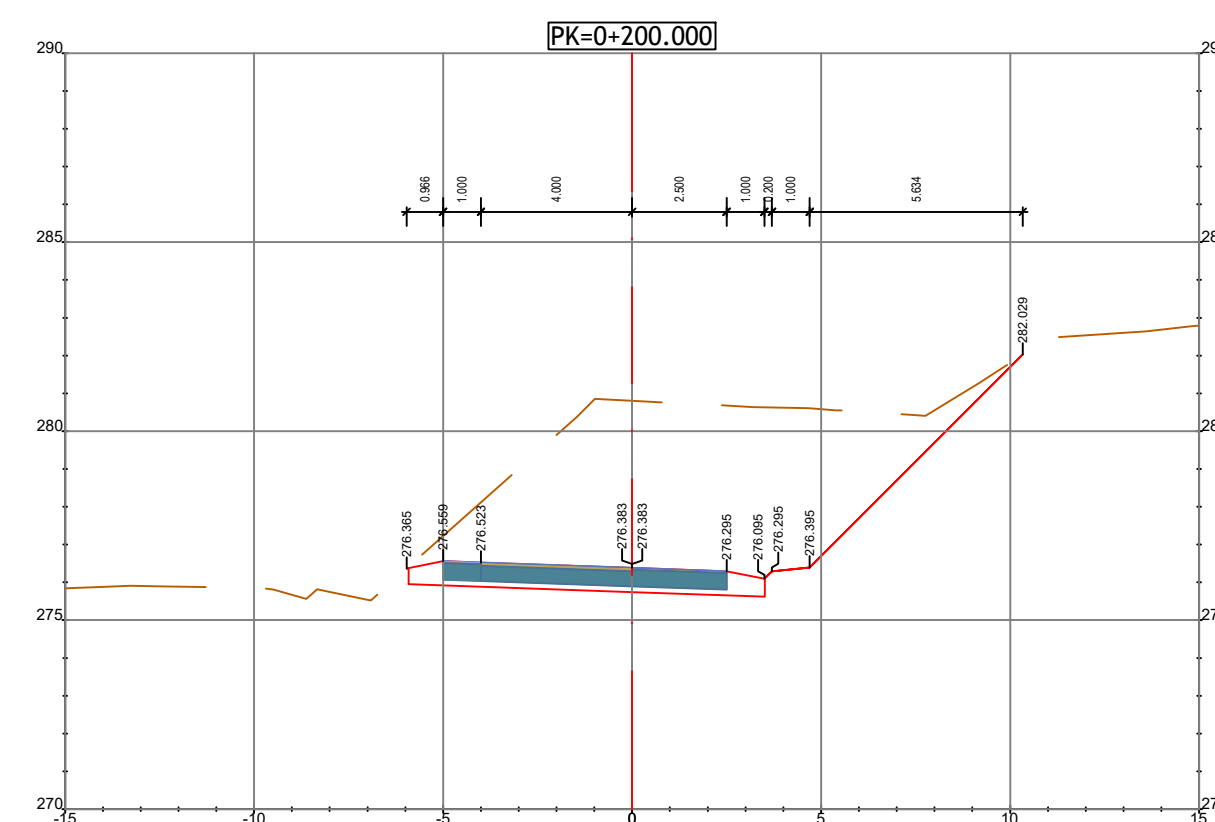
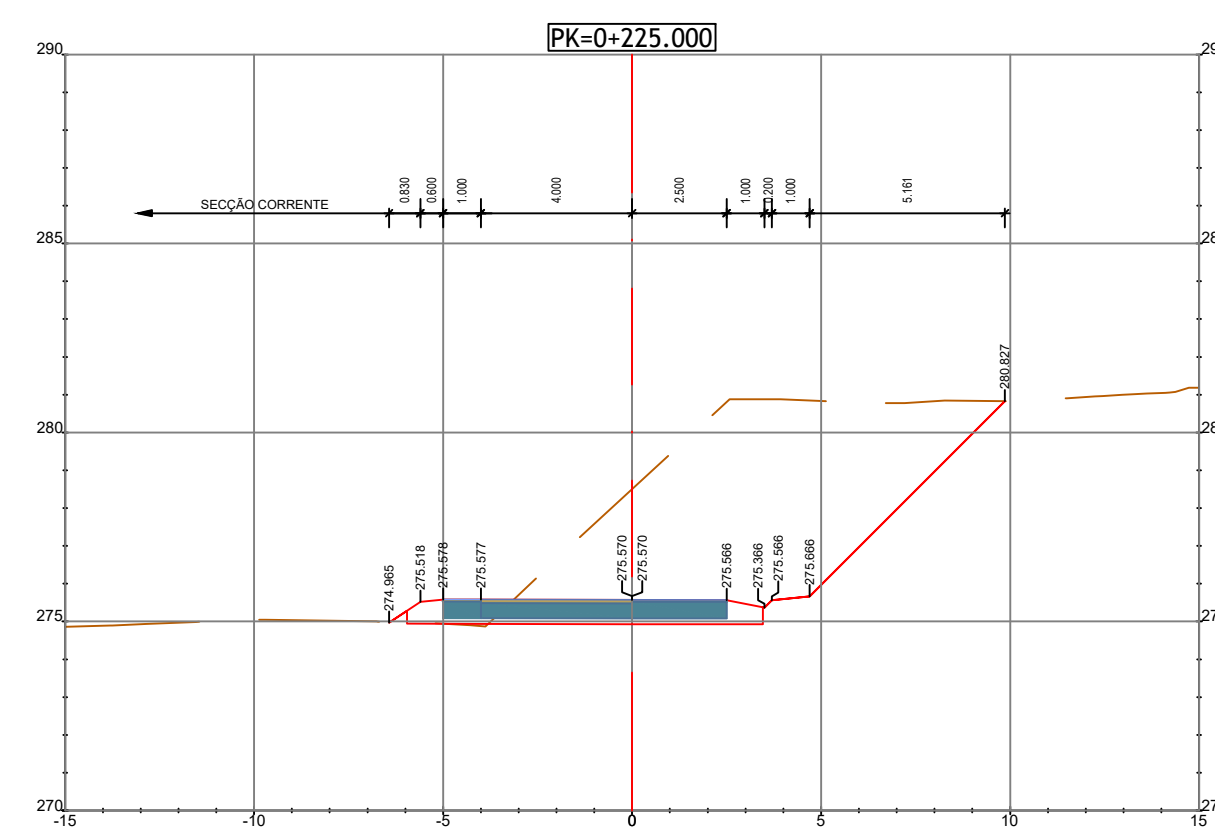


PK 0+000.000
COTAS DEDUZIDAS DO RAMO C+D

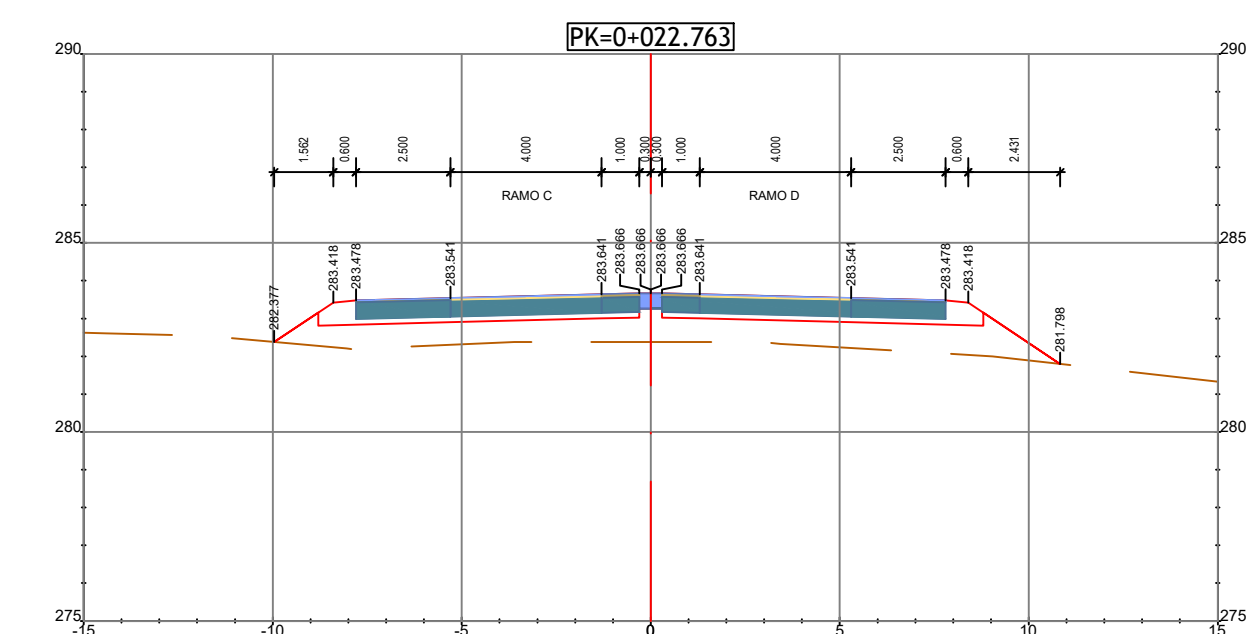
RAMO D



ENTRE O PK 0+241.925 E O PK 0+369.670
COTAS DEDUZIDAS DA SECÇÃO CORRENTE



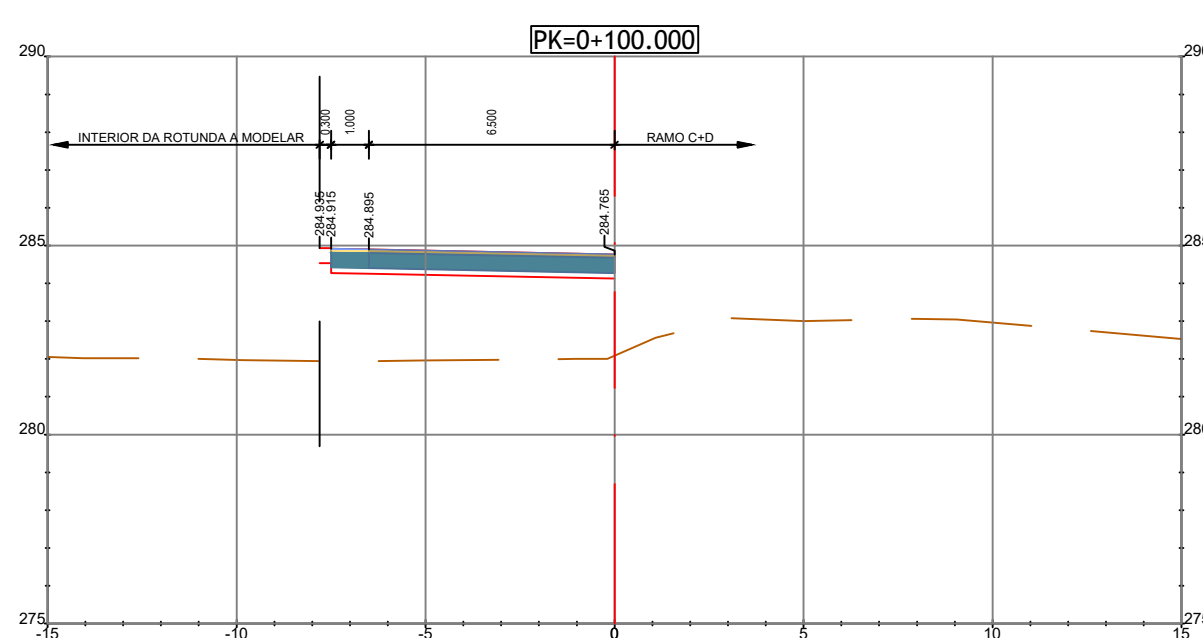
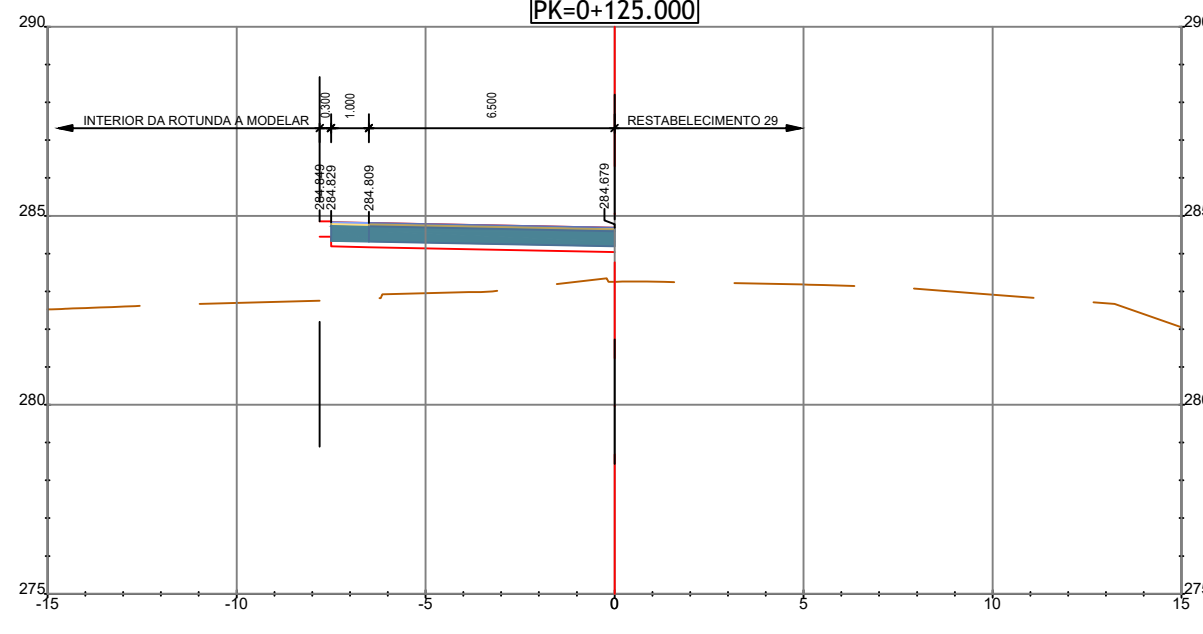
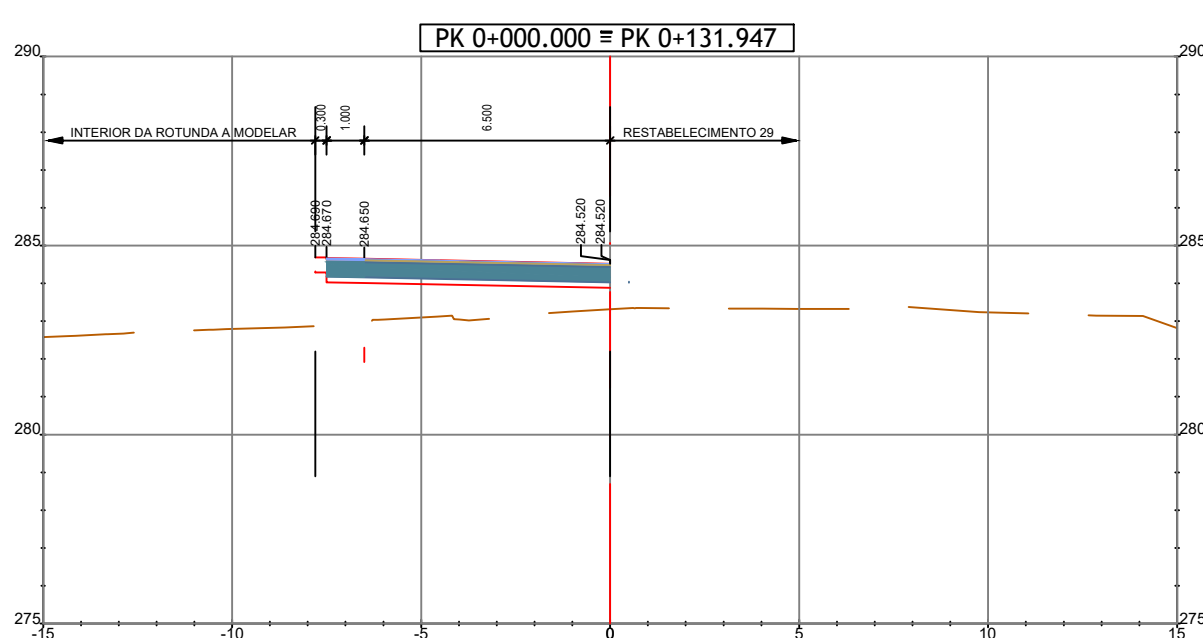
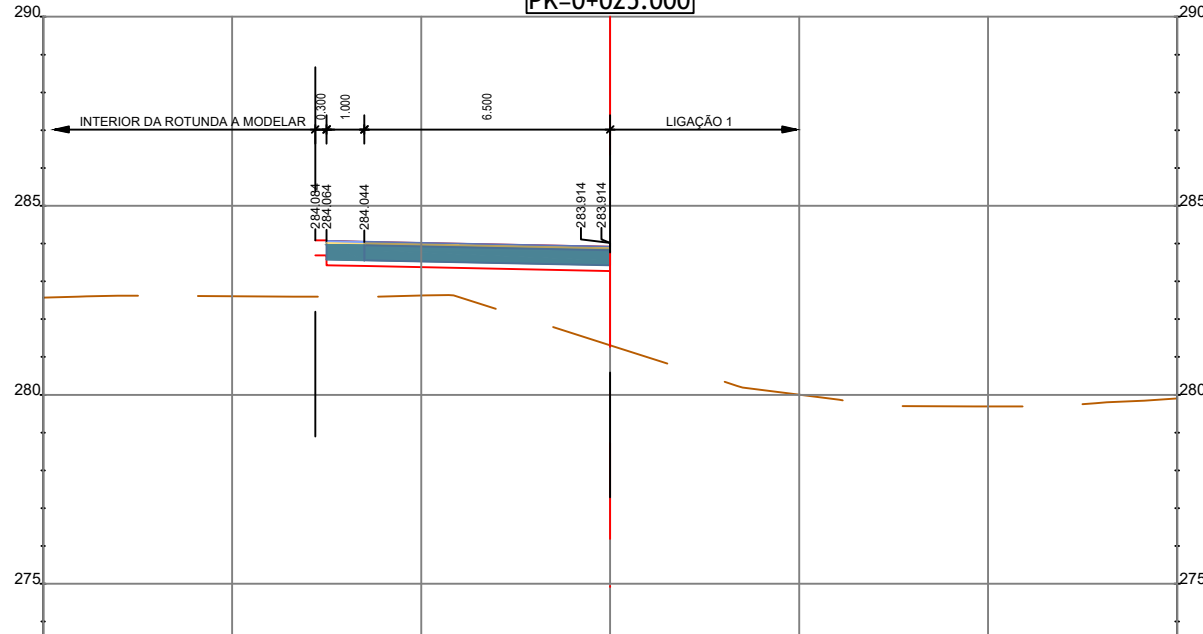
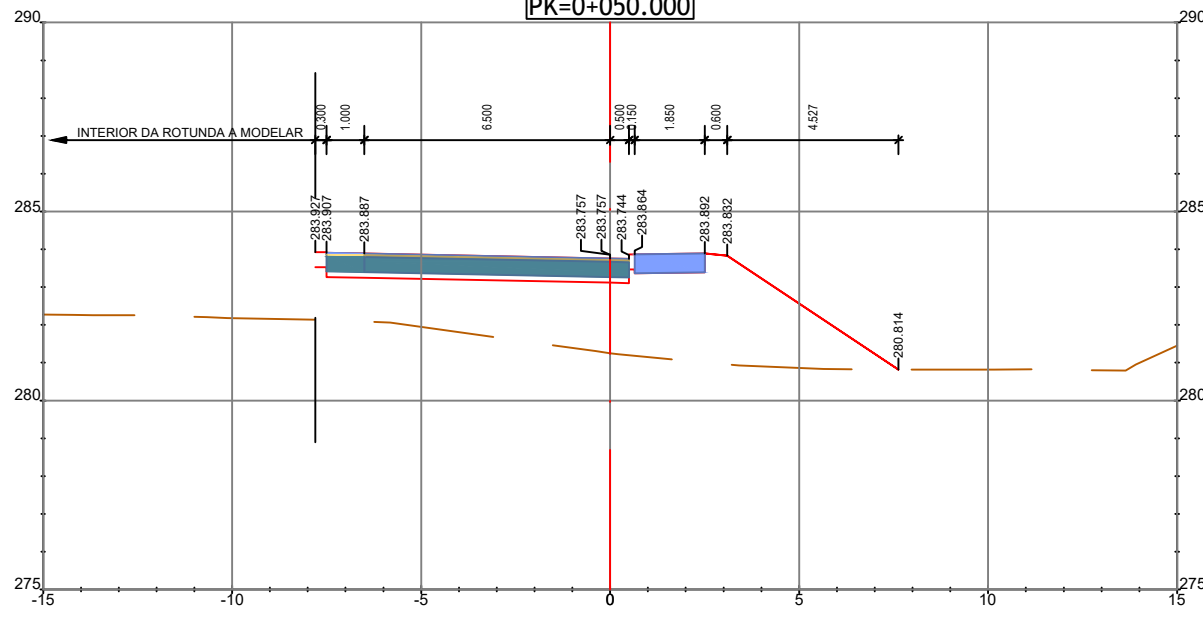
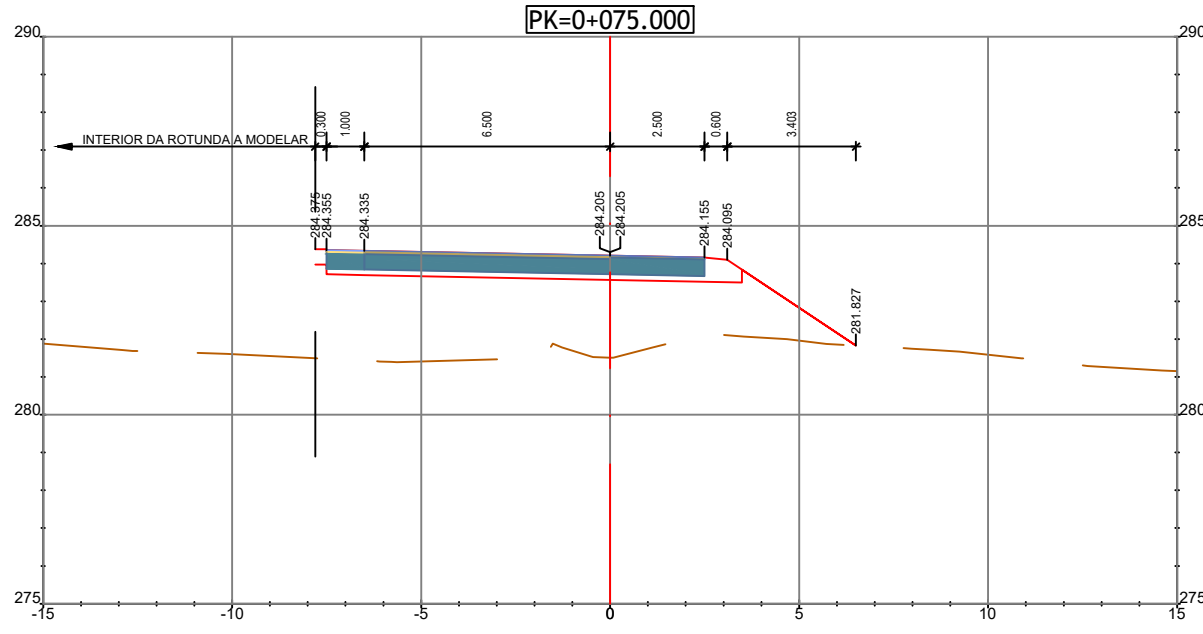
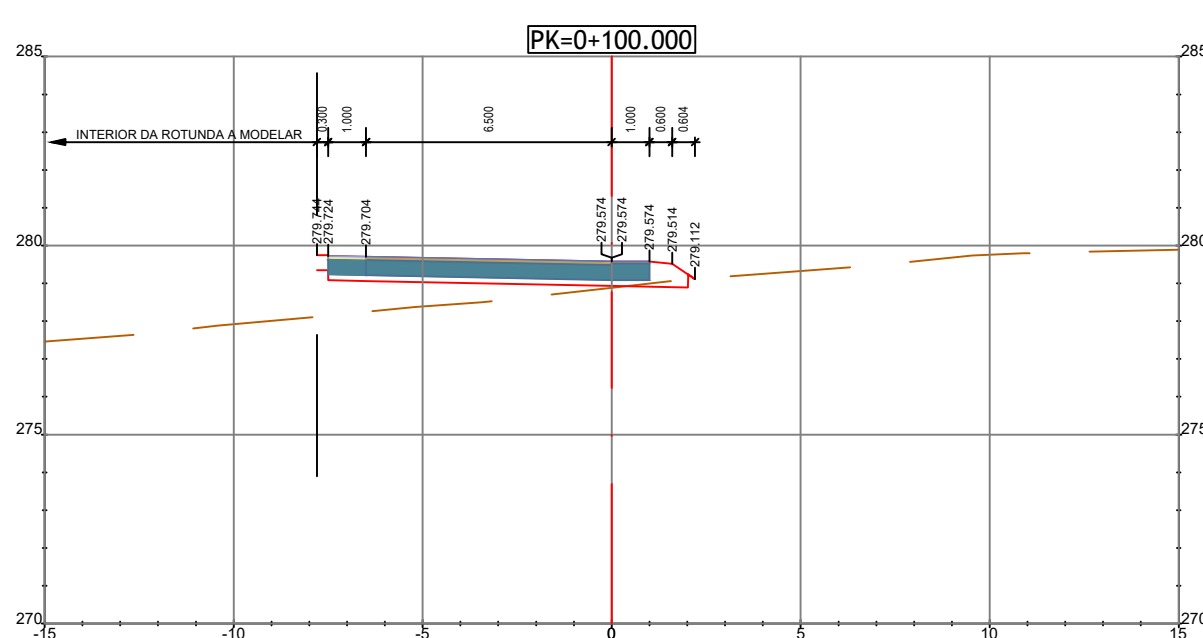
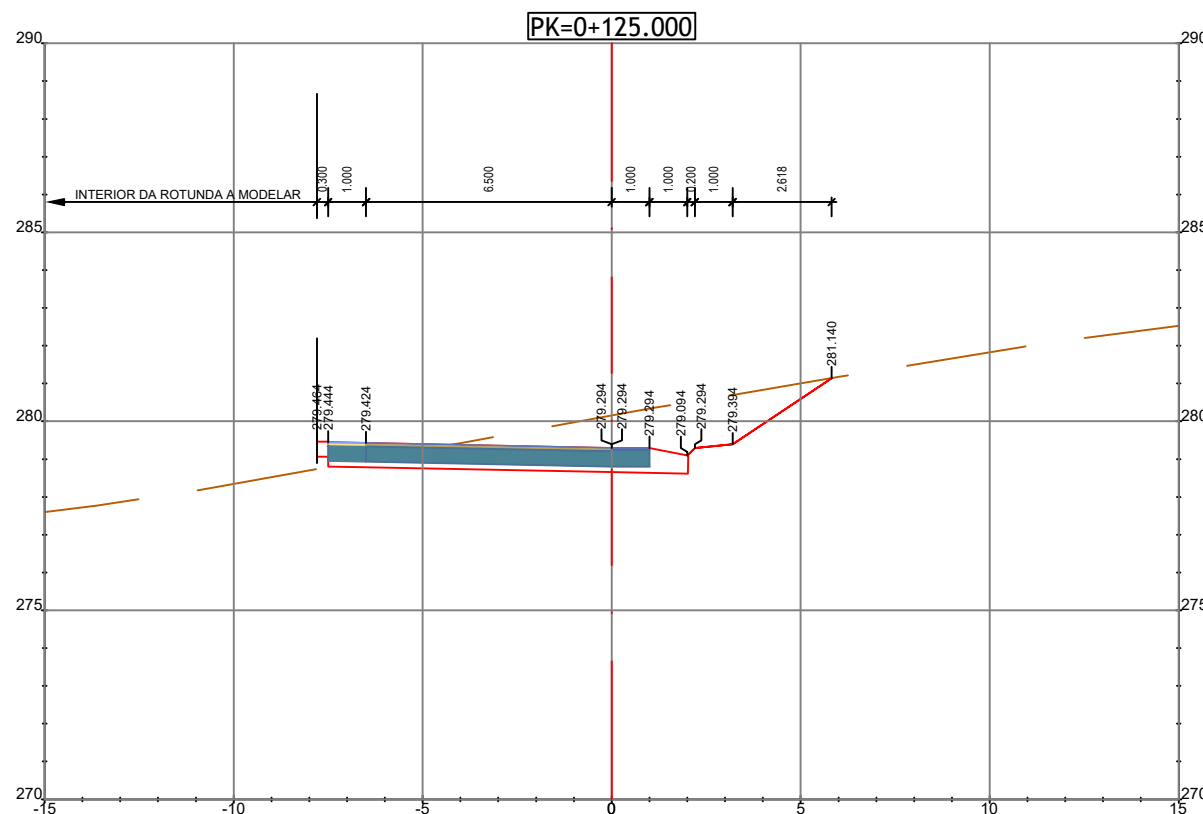
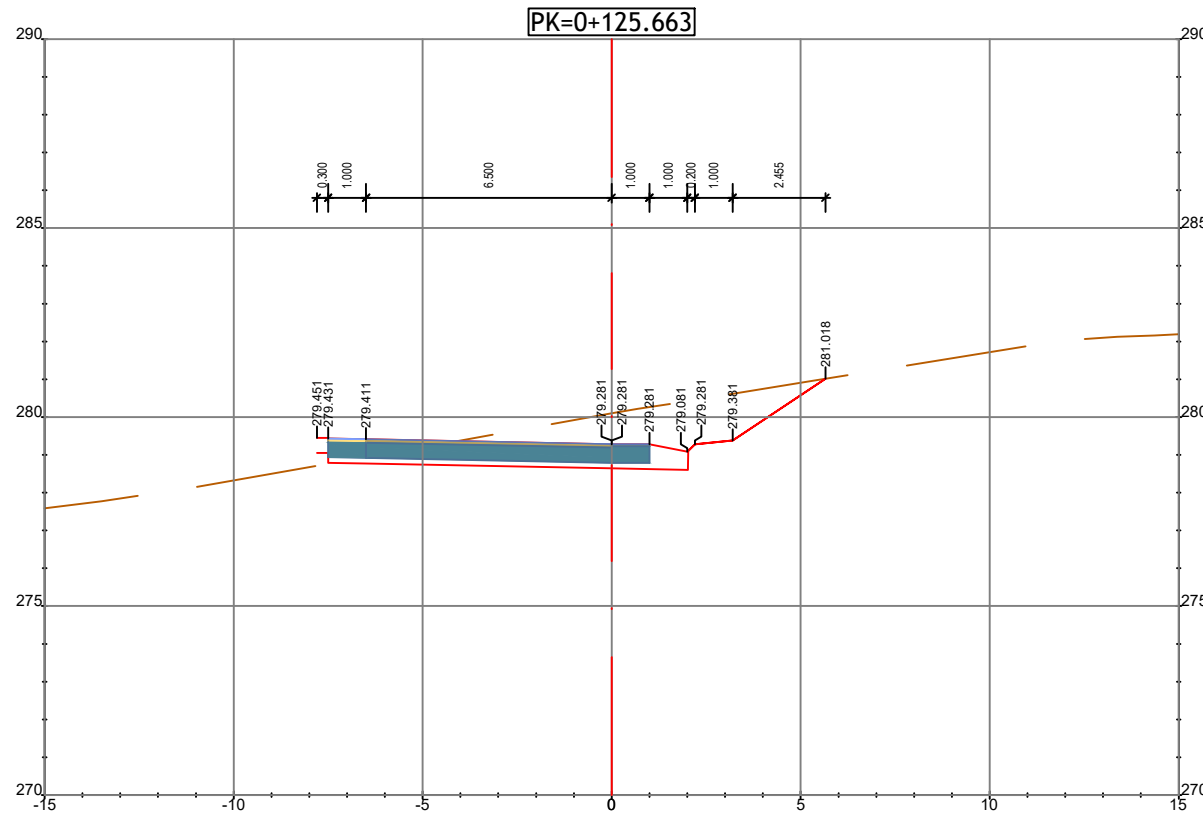
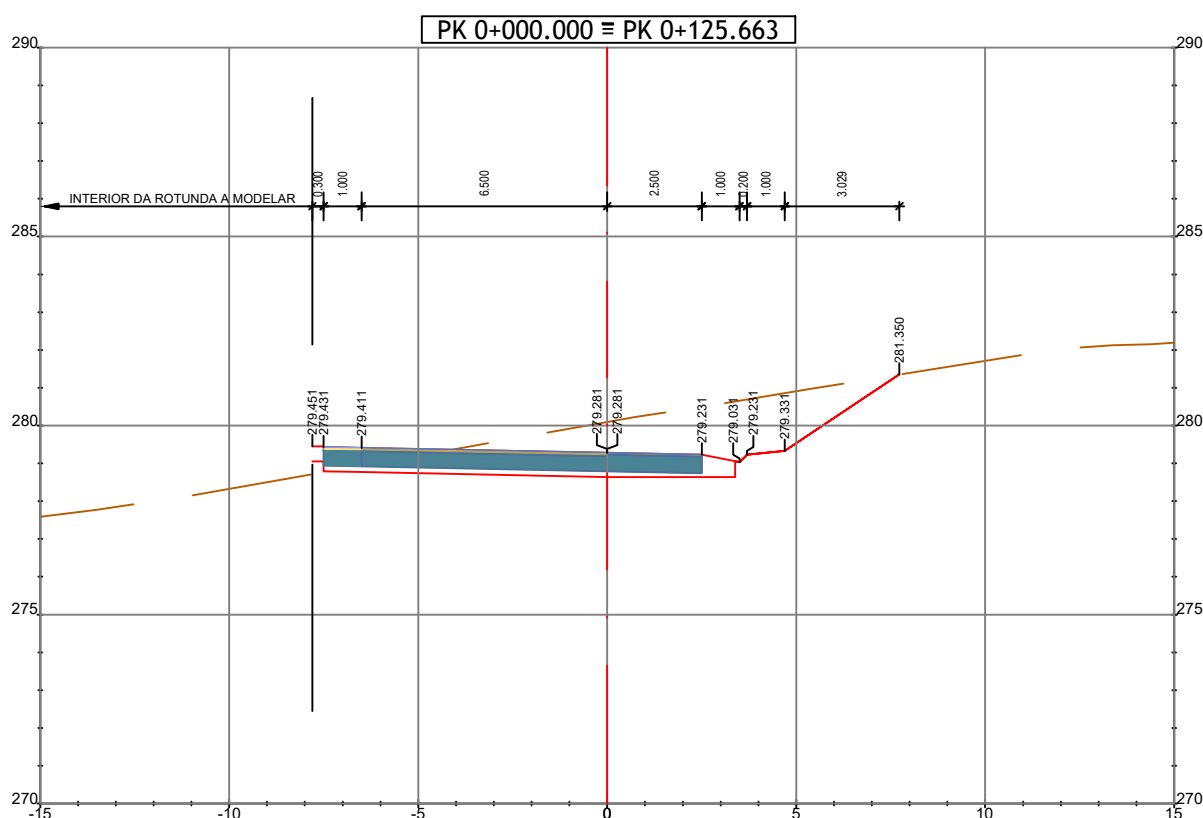
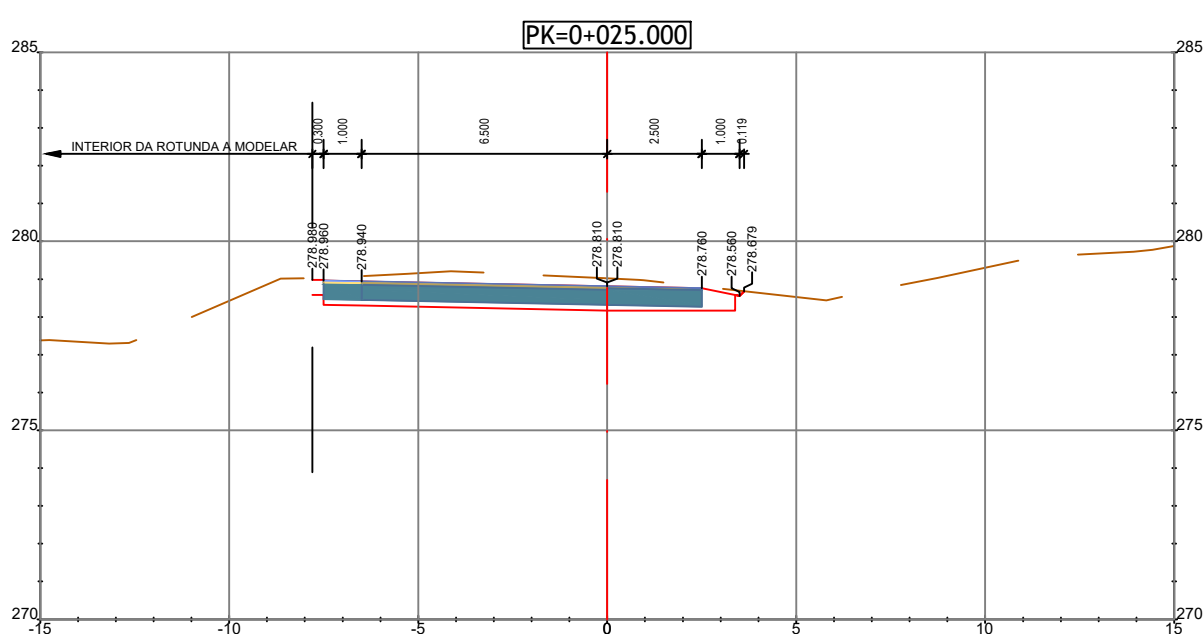
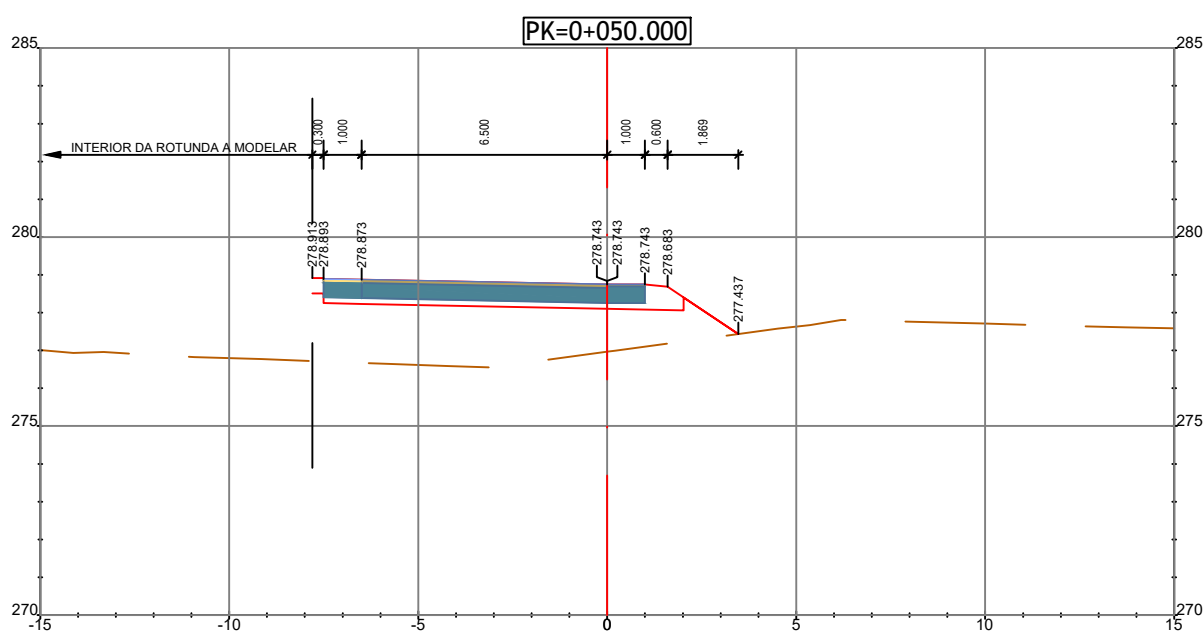
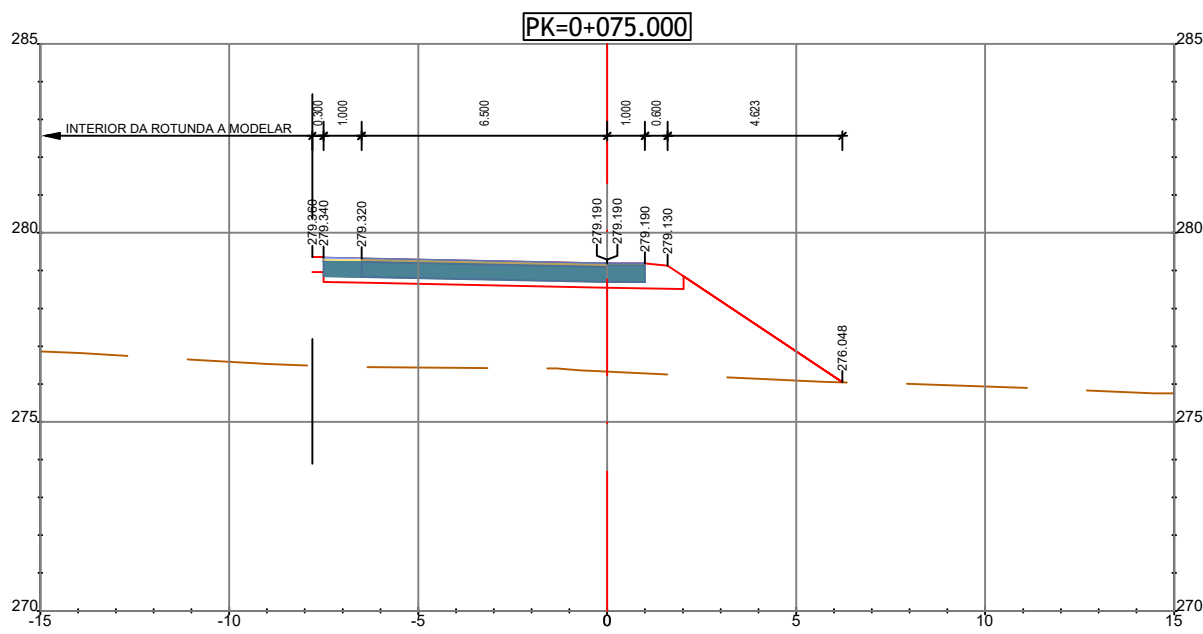
RAMO C+D

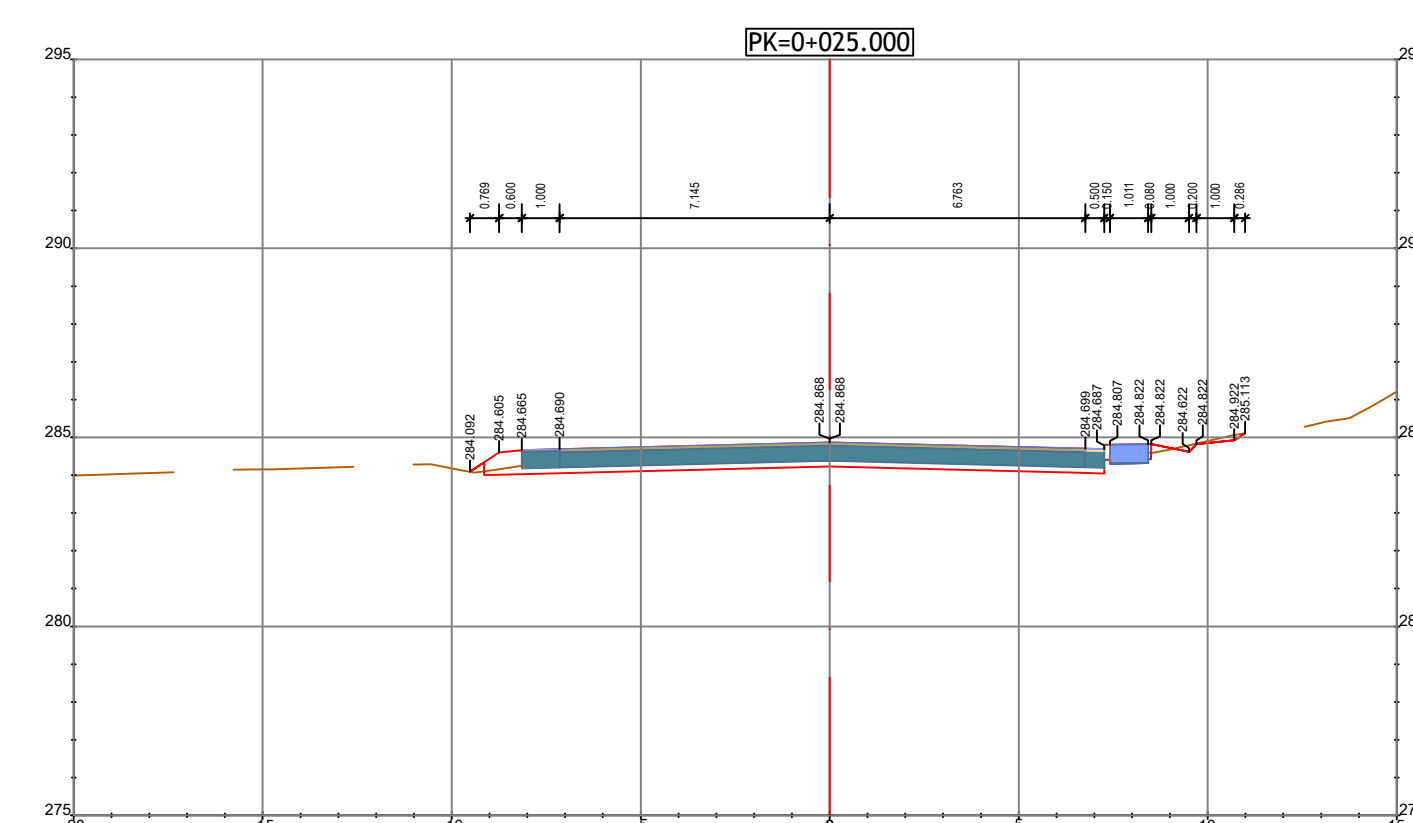


PK 0+000.000
COTAS DEDUZIDAS DA ROTUNDA 2

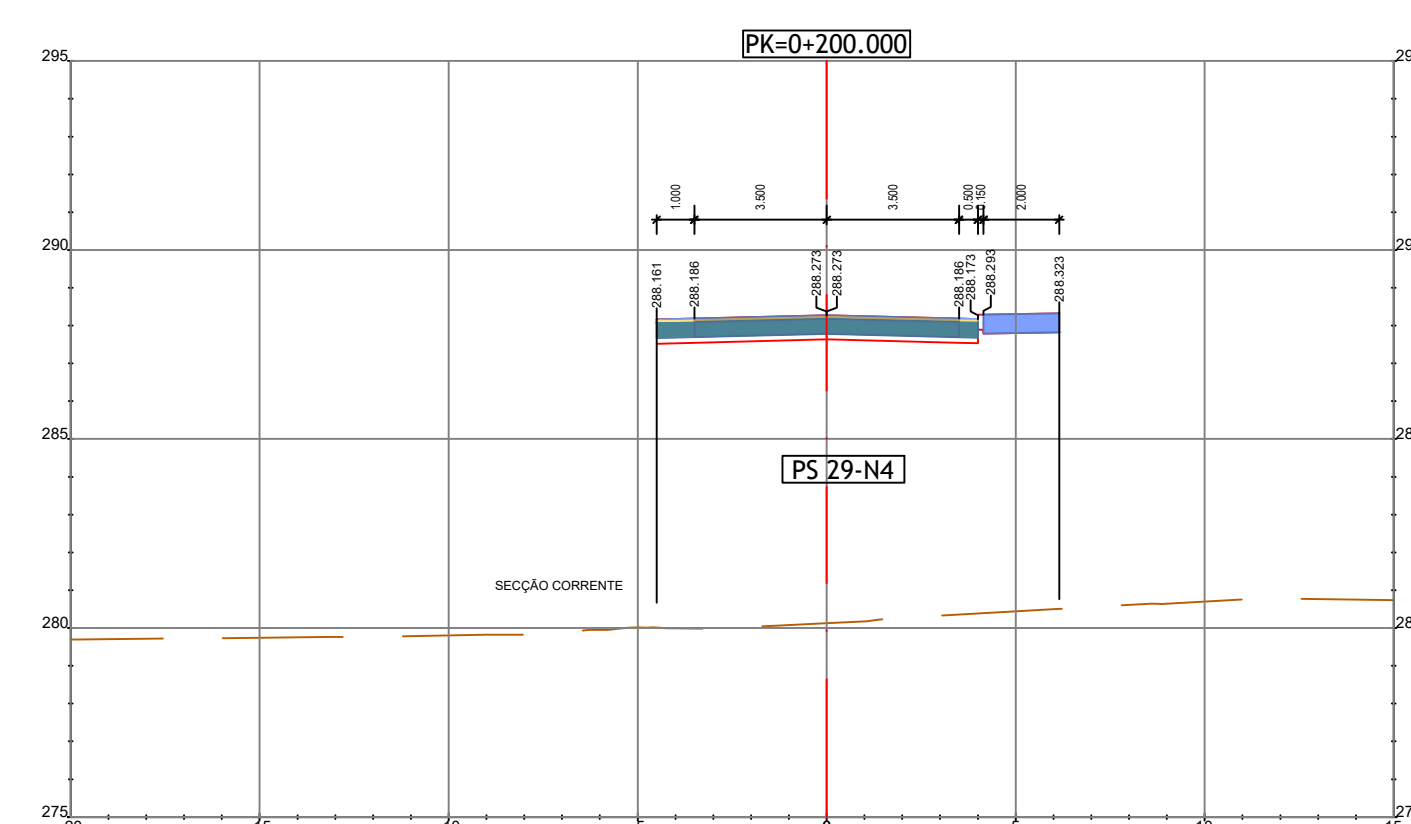
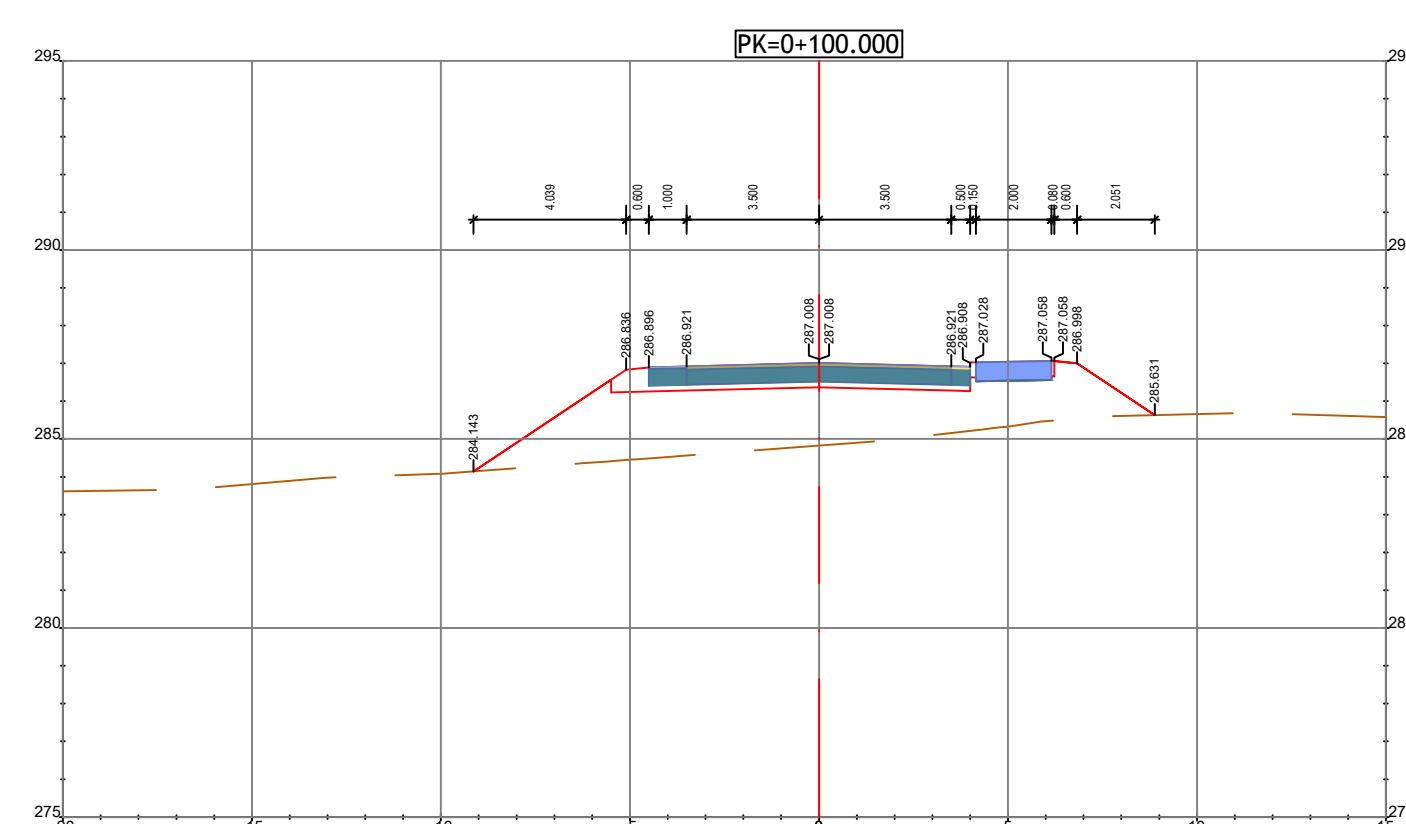
ROTUNDA N4-1

ROTUNDA N4-2

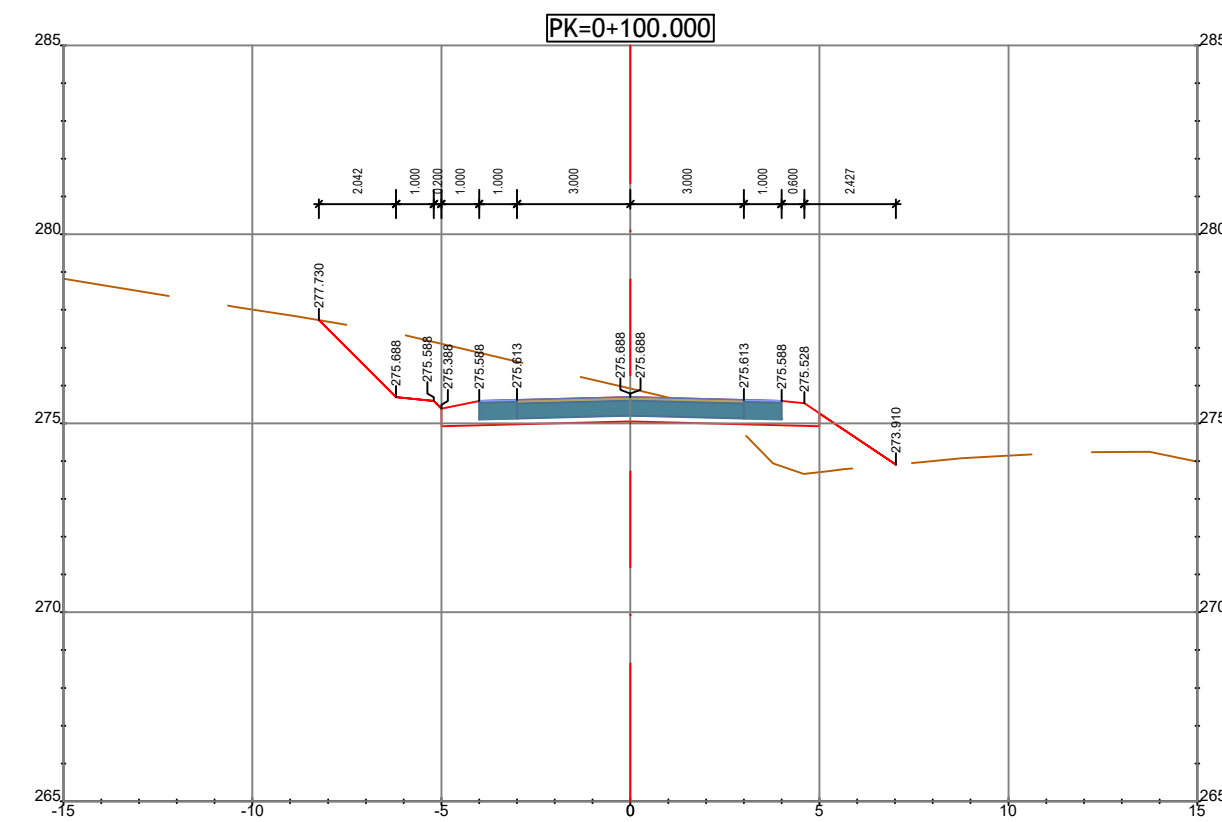
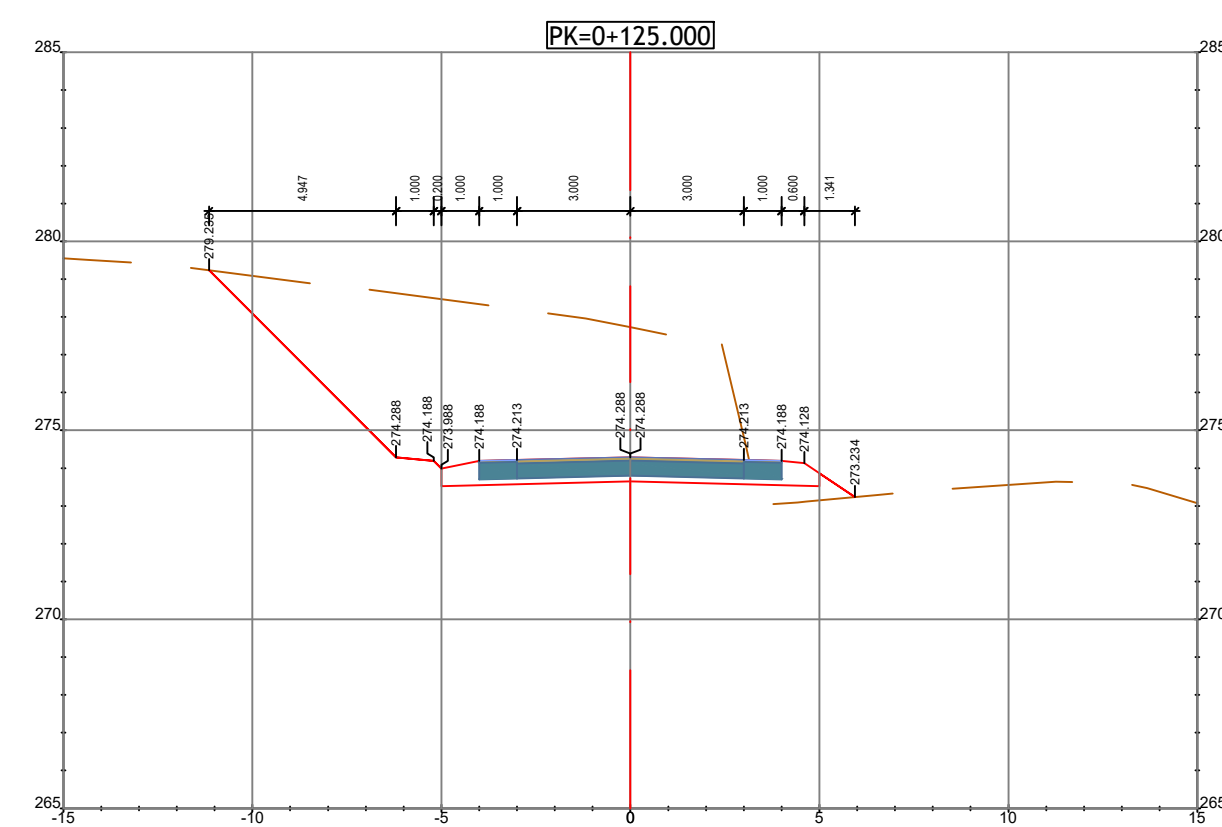
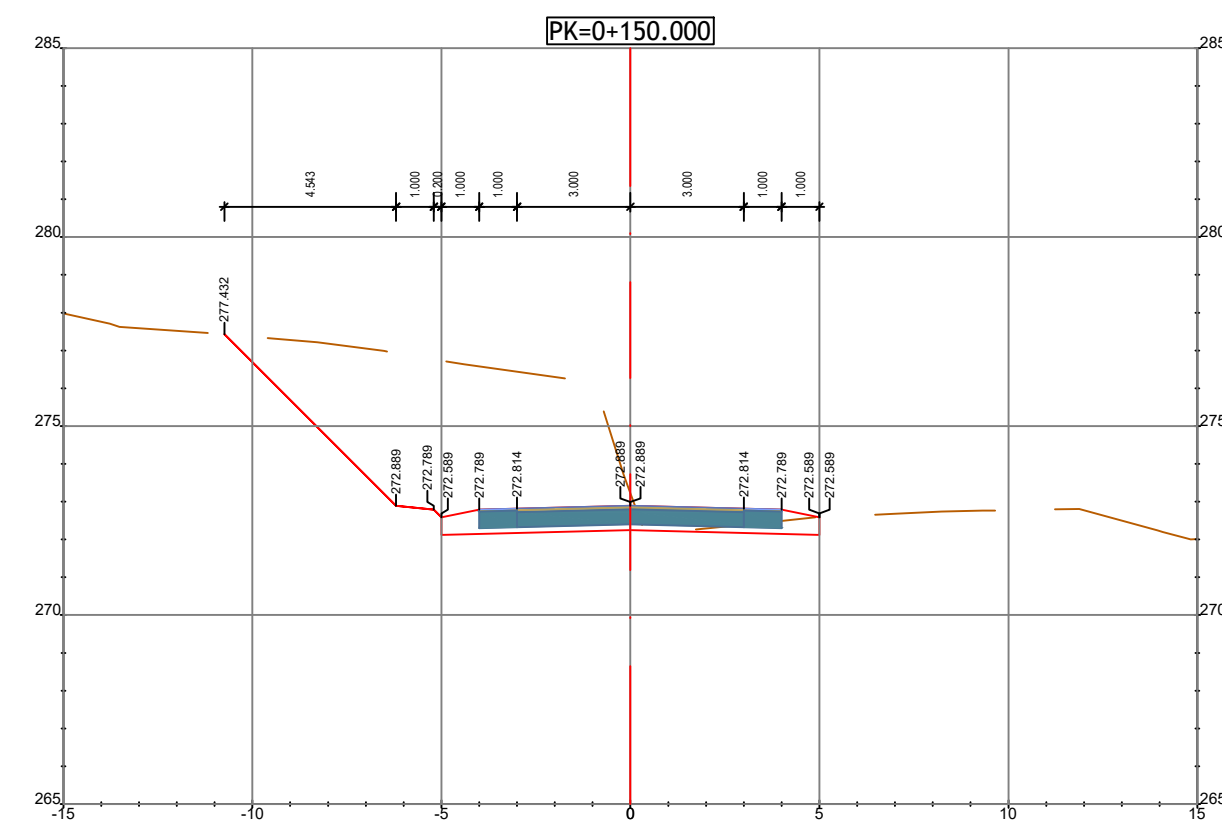
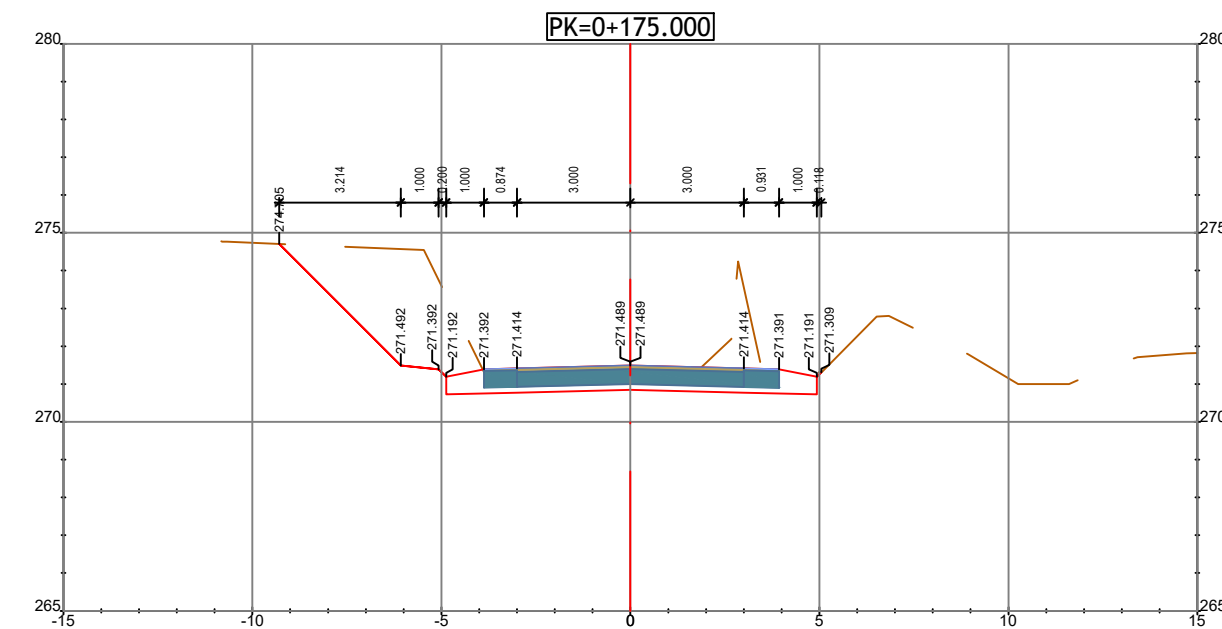




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LIGAÇÃO À PLATAFORMA EXISTENTE

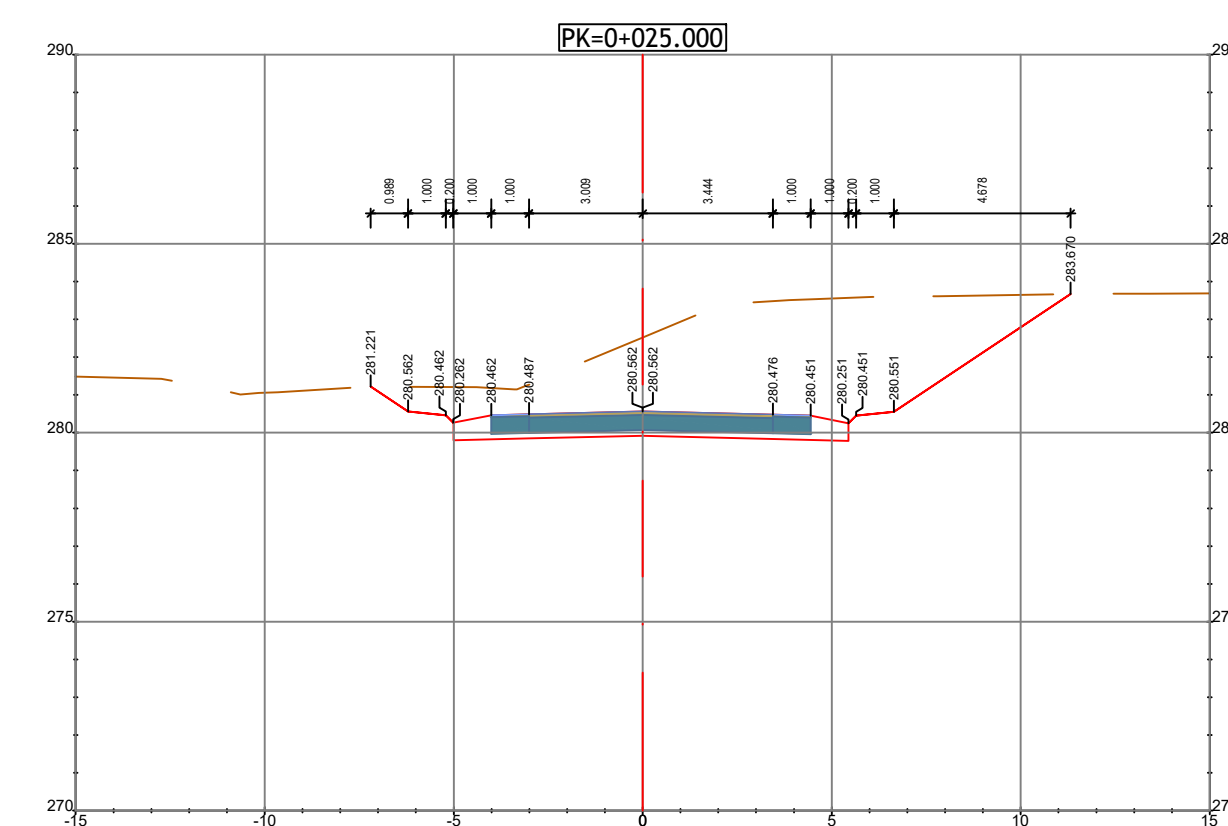
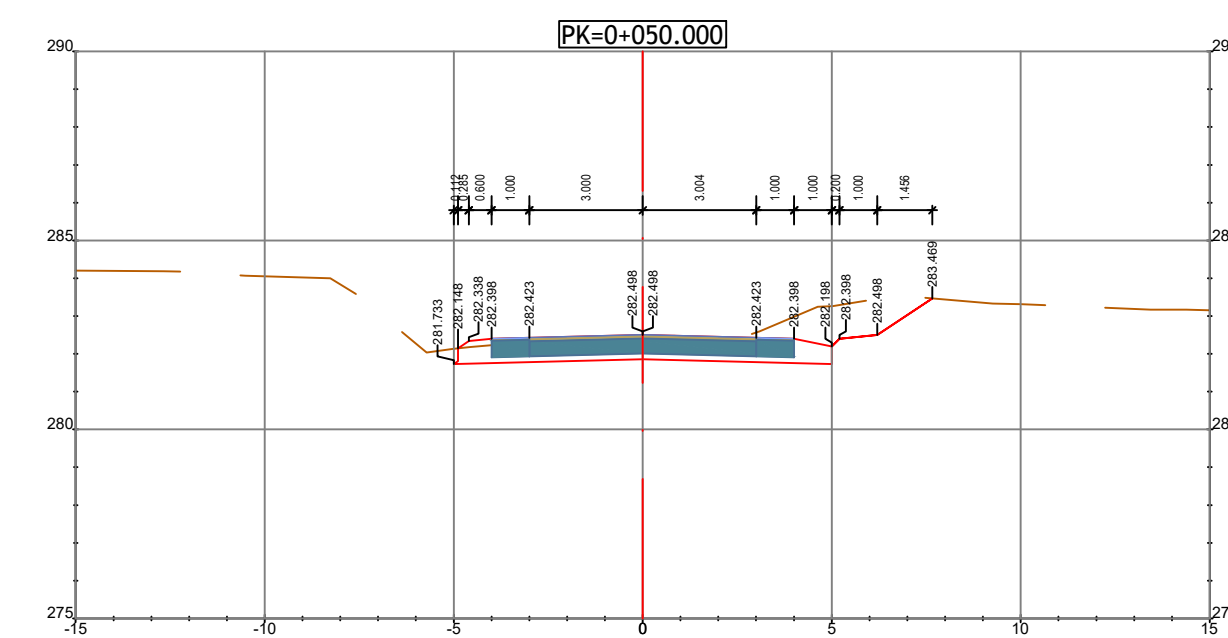
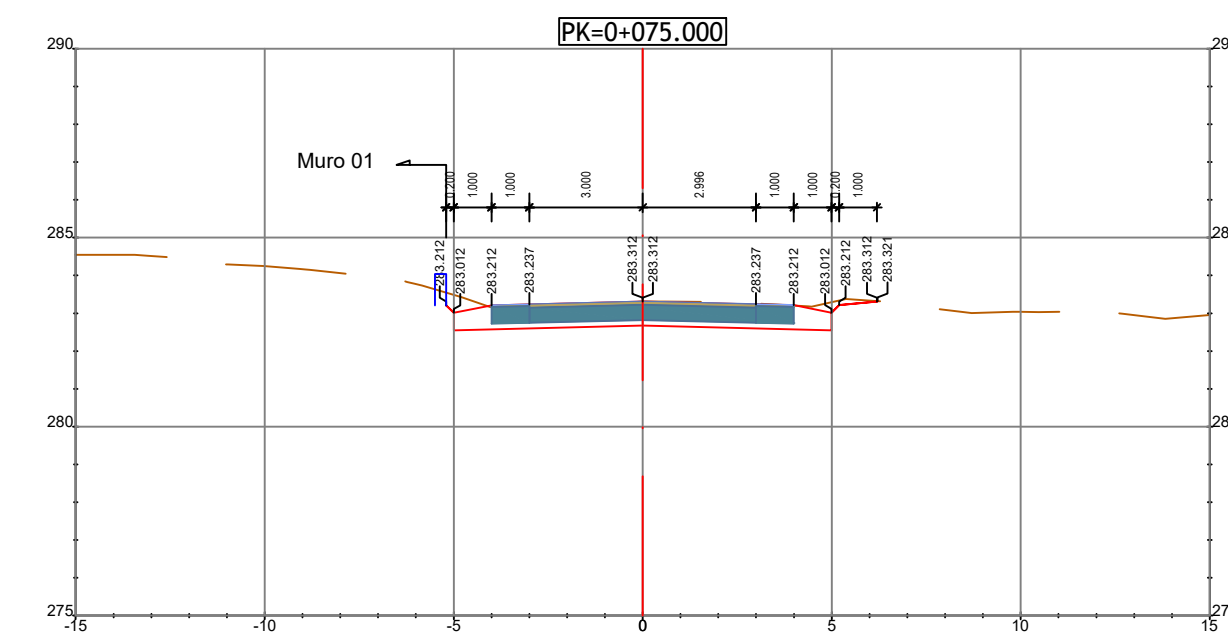


PK=0+192.023
LIGAÇÃO À PLATAFORMA EXISTENTE



PK=0+000.000
LIGAÇÃO Á ROTUNDA N4-1

PK=0+124.162
LIGAÇÃO Á PLATAFORMA EXISTENTE



PK=0+000.000
LIGAÇÃO Á ROTUNDA N4-1

R01	REFORMULAÇÃO DO N° 6		ABRIL 2024	JS	PR
ALTERAÇÃO	DESCRIÇÃO DA ALTERAÇÃO		DATA	DESENHOU	VERIFICOU

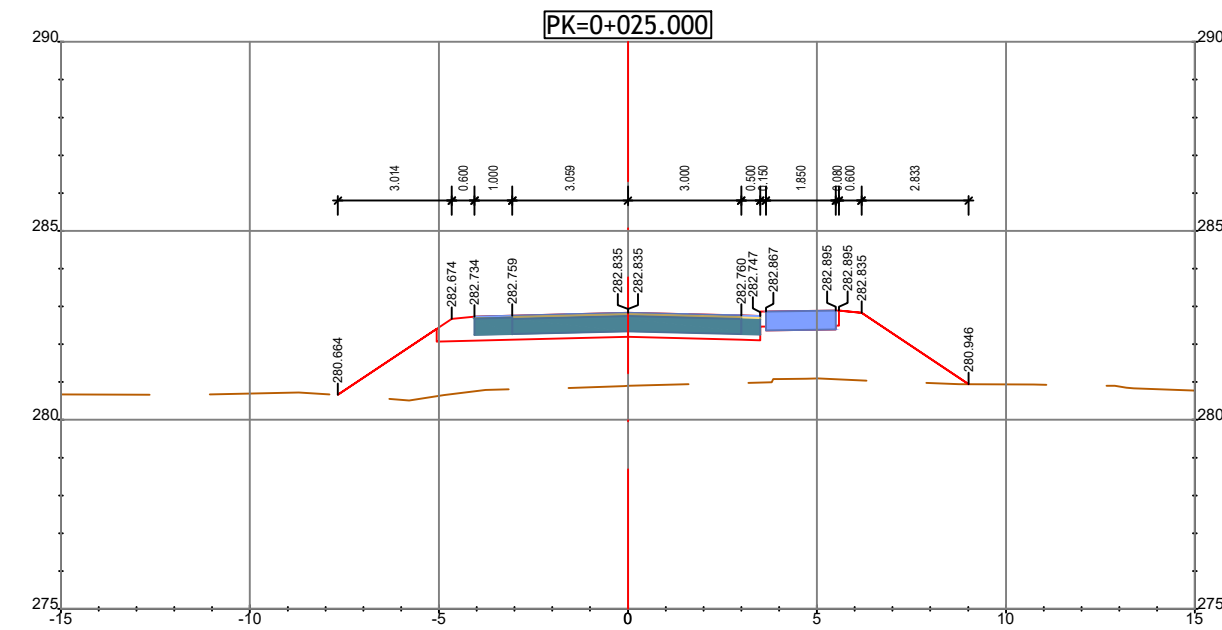
PROJETO Nº	PROJETO	COORDENAÇÃO	ESCALA
RV/GR	CARLA CORREIA	PEDRO REIS	1:200
DATA	DESENHO	VISTO	ESCALA GRÁFICA
NOVEMBRO 2023	JOÃO SERRANO		

PROJETO

IP8 (A26) - LIGAÇÃO ENTRE SINES E A A2
LANÇO IP8 ENTRE RONÇÃO E GRÂNDOLA
AUMENTO DE CAPACIDADE

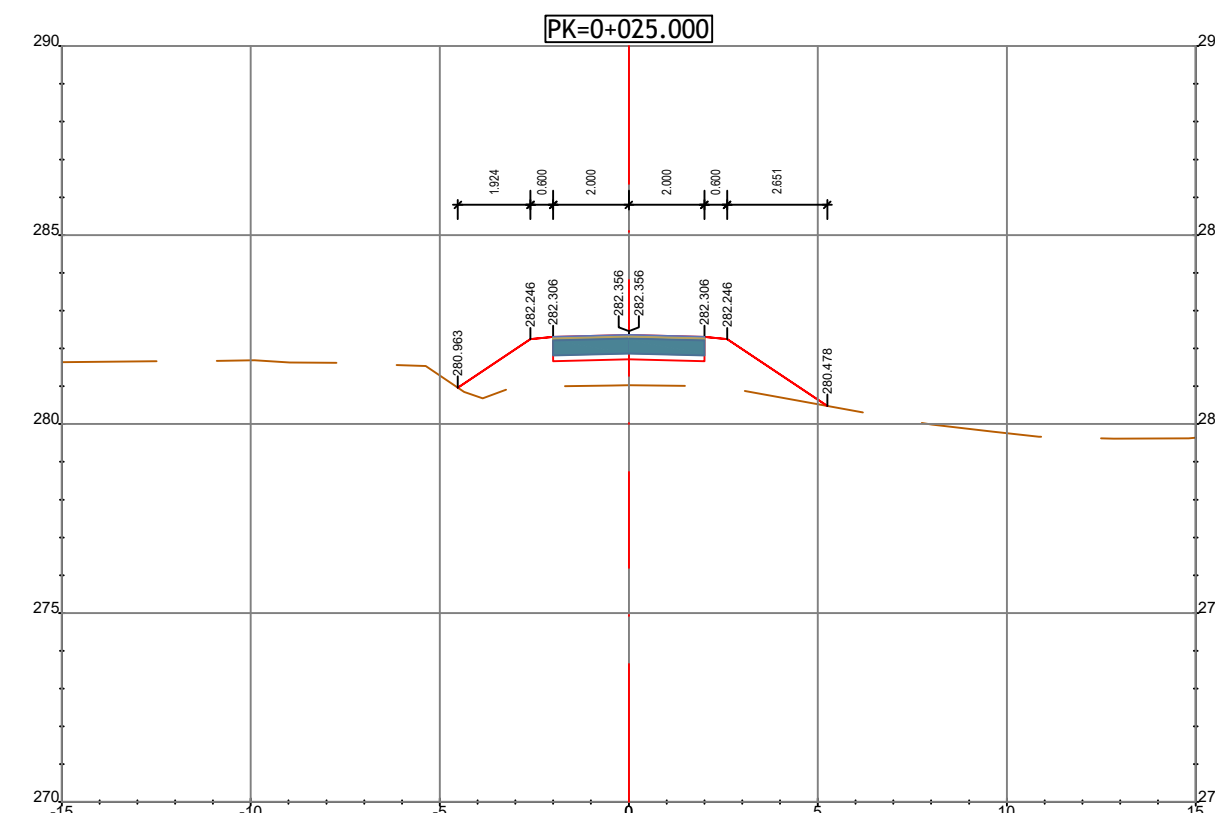
DESIGNAÇÃO	INFRAESTRUTURAS VIÁRIAS			DESENHO Nº		
	PROJETO DE EXECUÇÃO			RVGR-PE-T2-P112-N4-12-06-001		
	TRAÇADO			SUBSTITUI		
	PERFIS TRANSVERSAIS			SUBSTITUIDO		
	Nº 4 - Restabelecimento 29-1A e 29-1B			FORMATO	A1	REDUZIDO

PK=0+136.157
LIGAÇÃO Á PLATAFORMA EXISTENTE



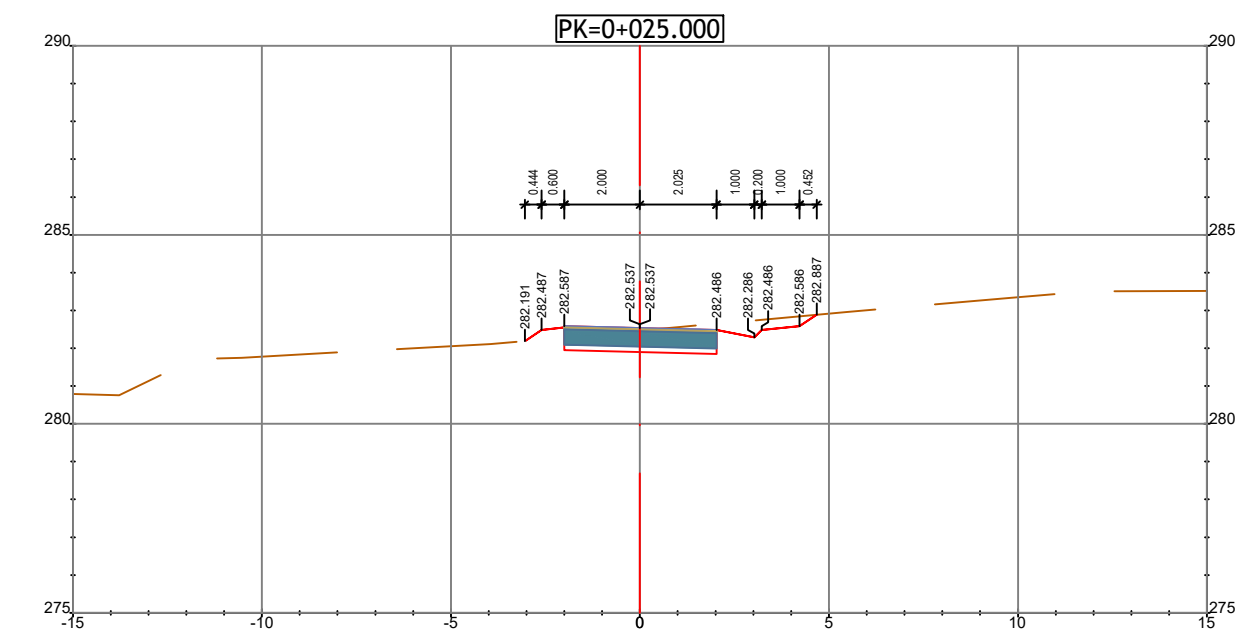
PK=0+000.000
LIGAÇÃO Á ROTUNDA N4-2

PK=0+000.000
LIGAÇÃO À PLATAFORMA EXISTENTE

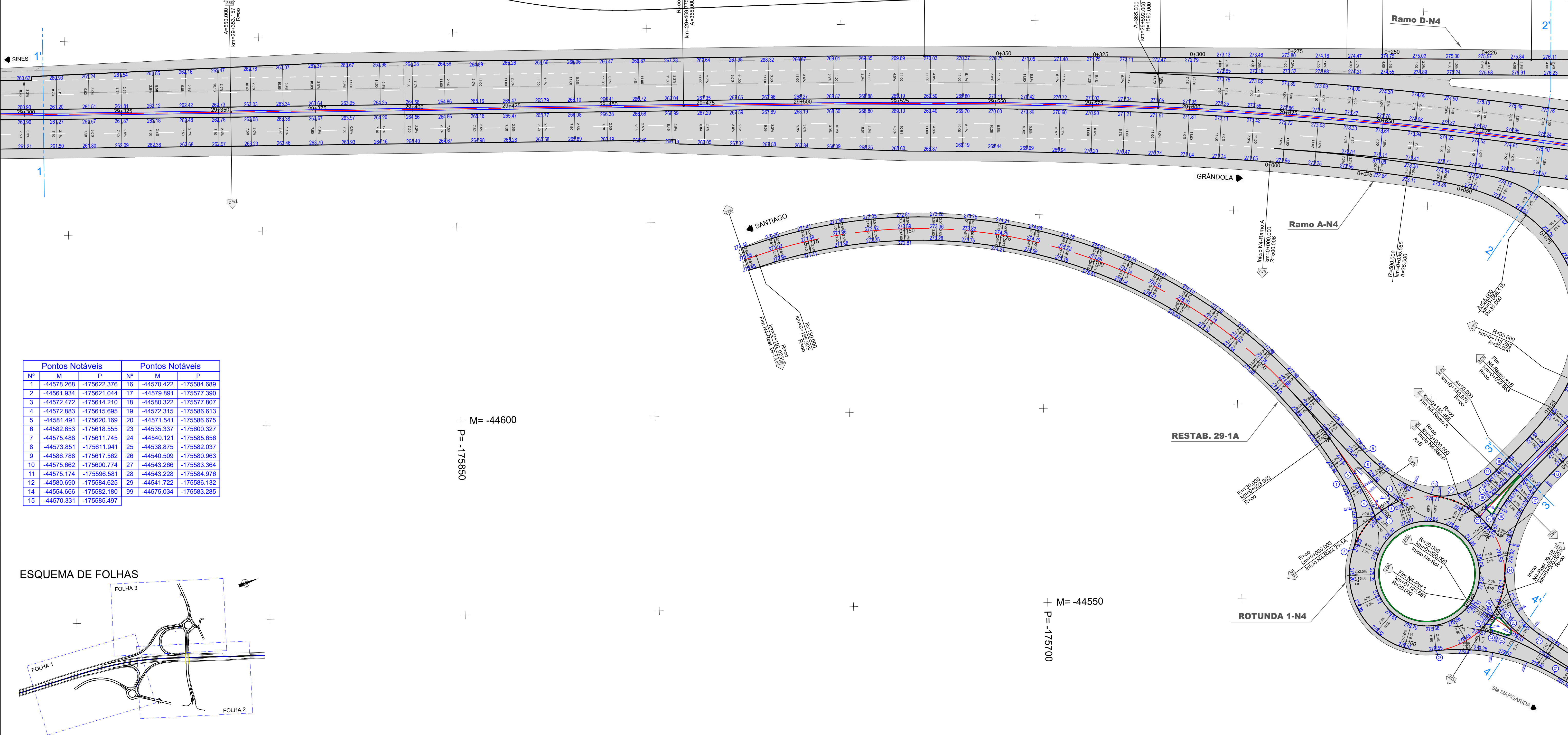
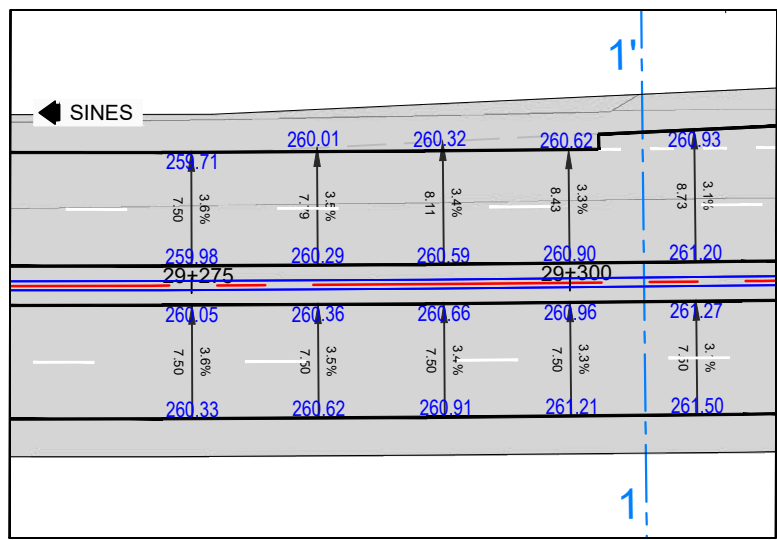


PK=0+000.000
LIGAÇÃO Á ROTUNDA N4-2

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LIGAÇÃO À PLATAFORMA EXISTENTE

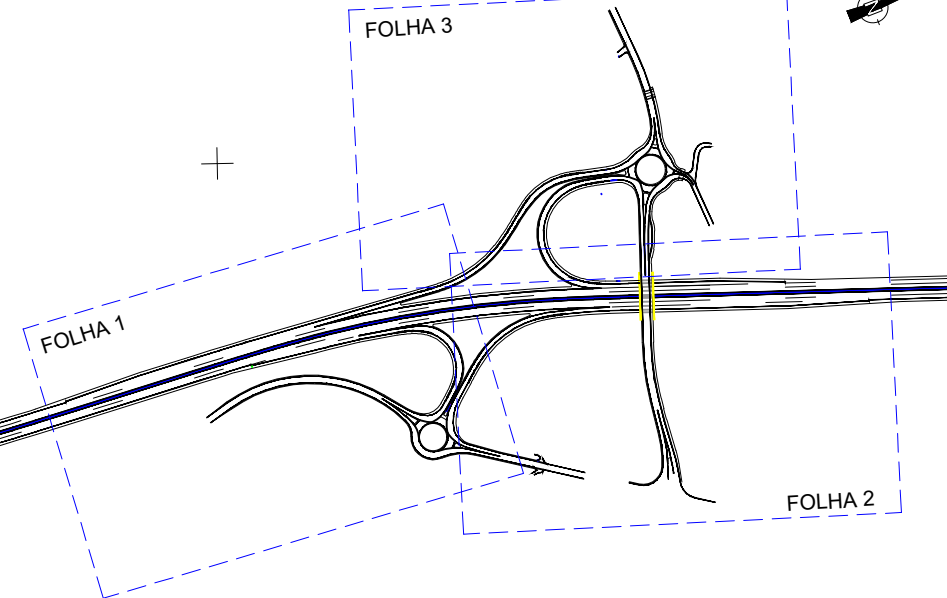


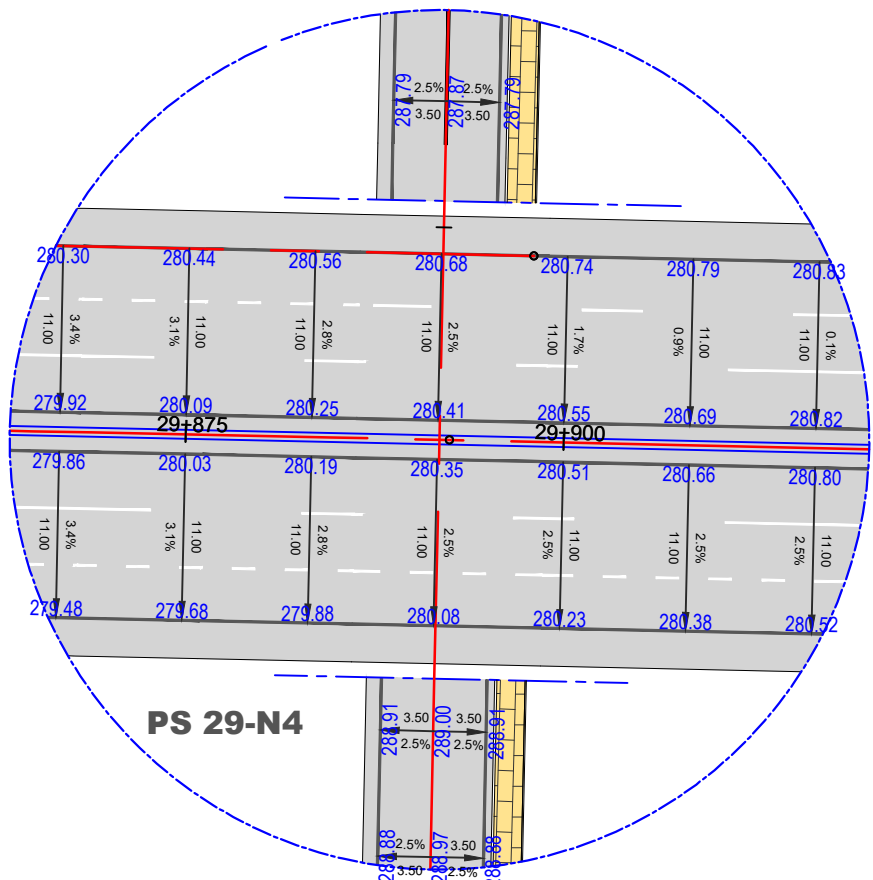
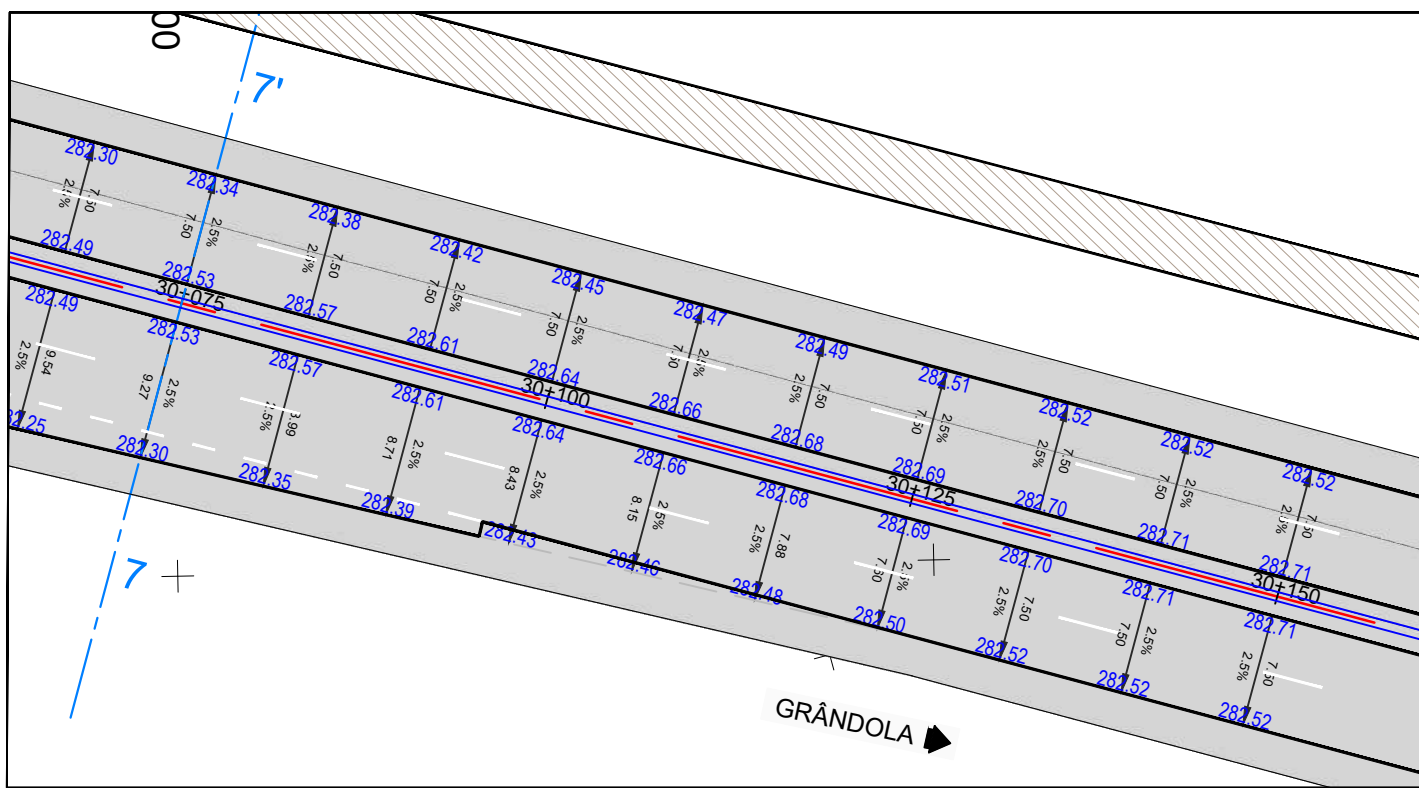
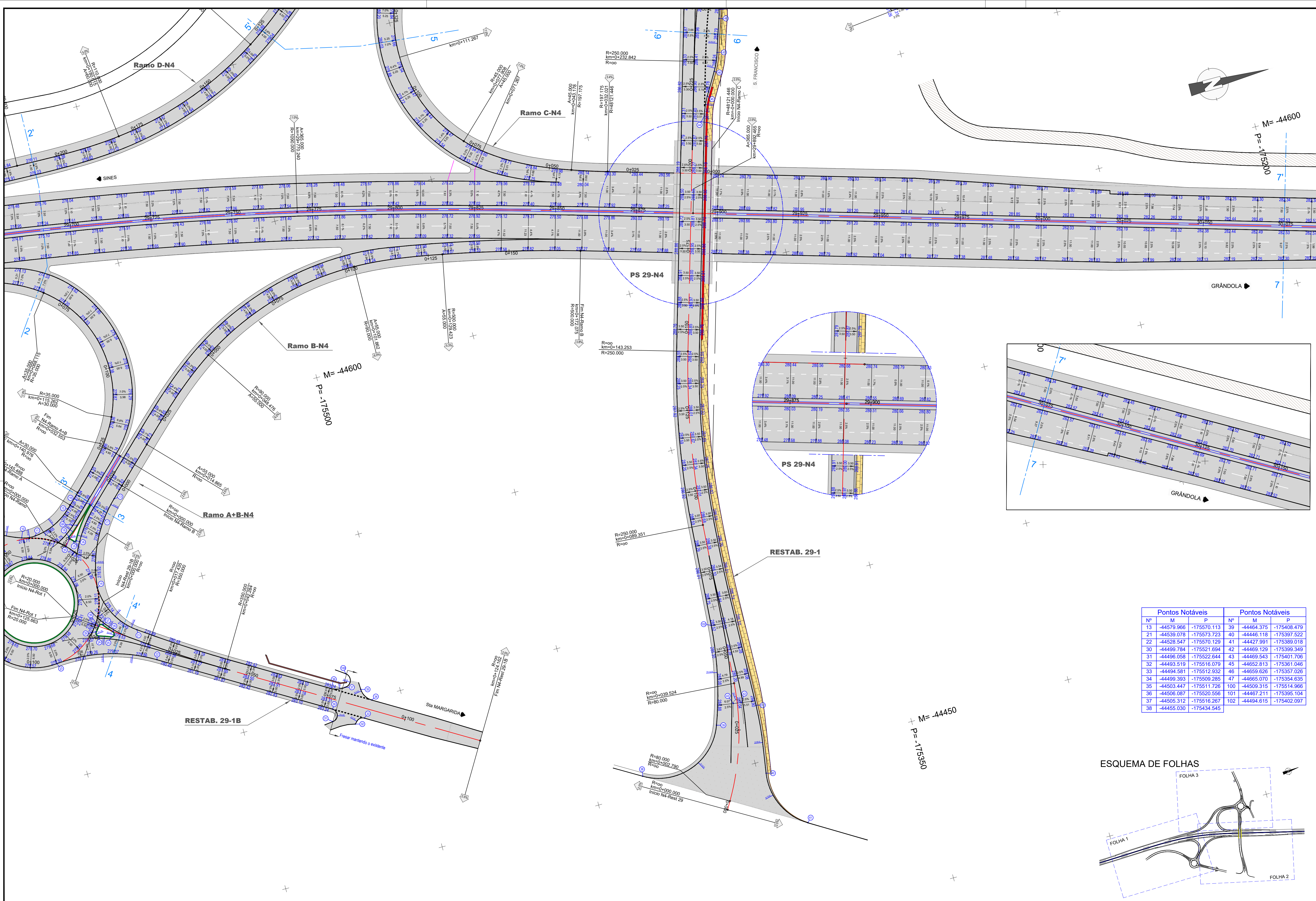
PK=0+000.000
LIGAÇÃO Á LIGAÇÃO 1



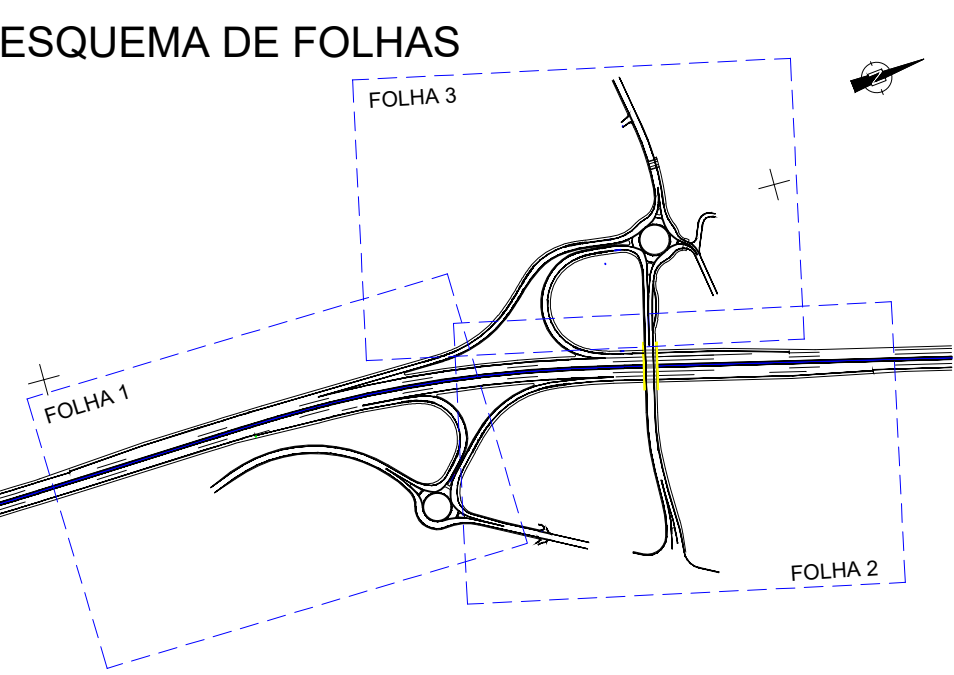
Pontos Notáveis			Pontos Notáveis		
Nº	M	P	Nº	M	P
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2	-44561.934	-175621.044	17	-44579.891	-175577.390
3	-44572.472	-175614.210	18	-44580.322	-175577.807
4	-44572.883	-175615.695	19	-44572.315	-175586.613
5	-44581.491	-175620.169	20	-44571.541	-175586.675
6	-44582.653	-175618.555	23	-44535.337	-175600.327
7	-44575.488	-175611.745	24	-44540.121	-175585.656
8	-44573.851	-175611.941	25	-44538.875	-175582.037
9	-44586.788	-175617.562	26	-44540.509	-175580.963
10	-44575.662	-175600.774	27	-44543.266	-175583.364
11	-44575.174	-175596.581	28	-44543.228	-175584.976
12	-44580.690	-175584.625	29	-44541.722	-175586.132
14	-44554.666	-175582.180	99	-44575.034	-175583.285
15	-44570.331	-175585.497			

ESQUEMA DE FOLHAS

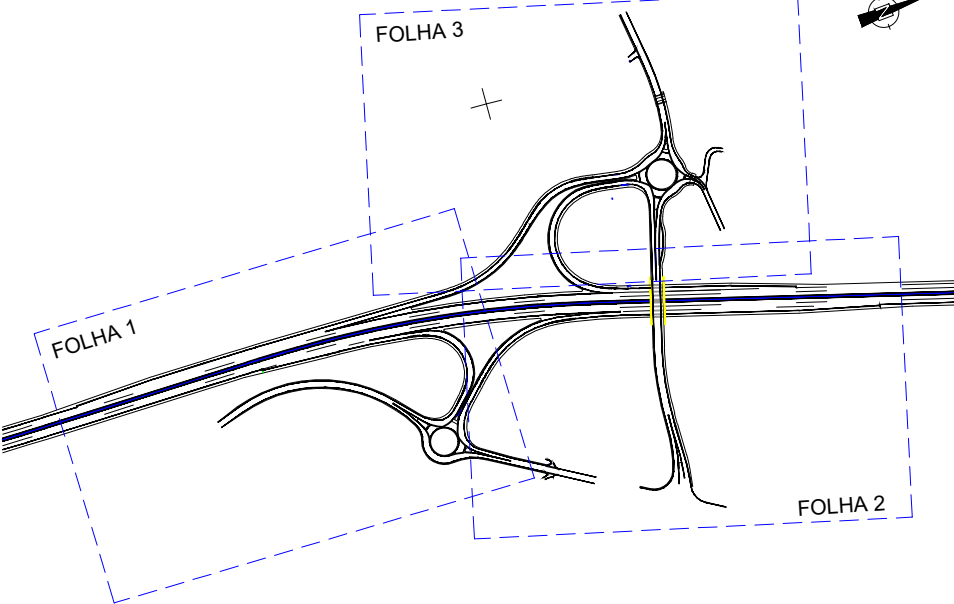




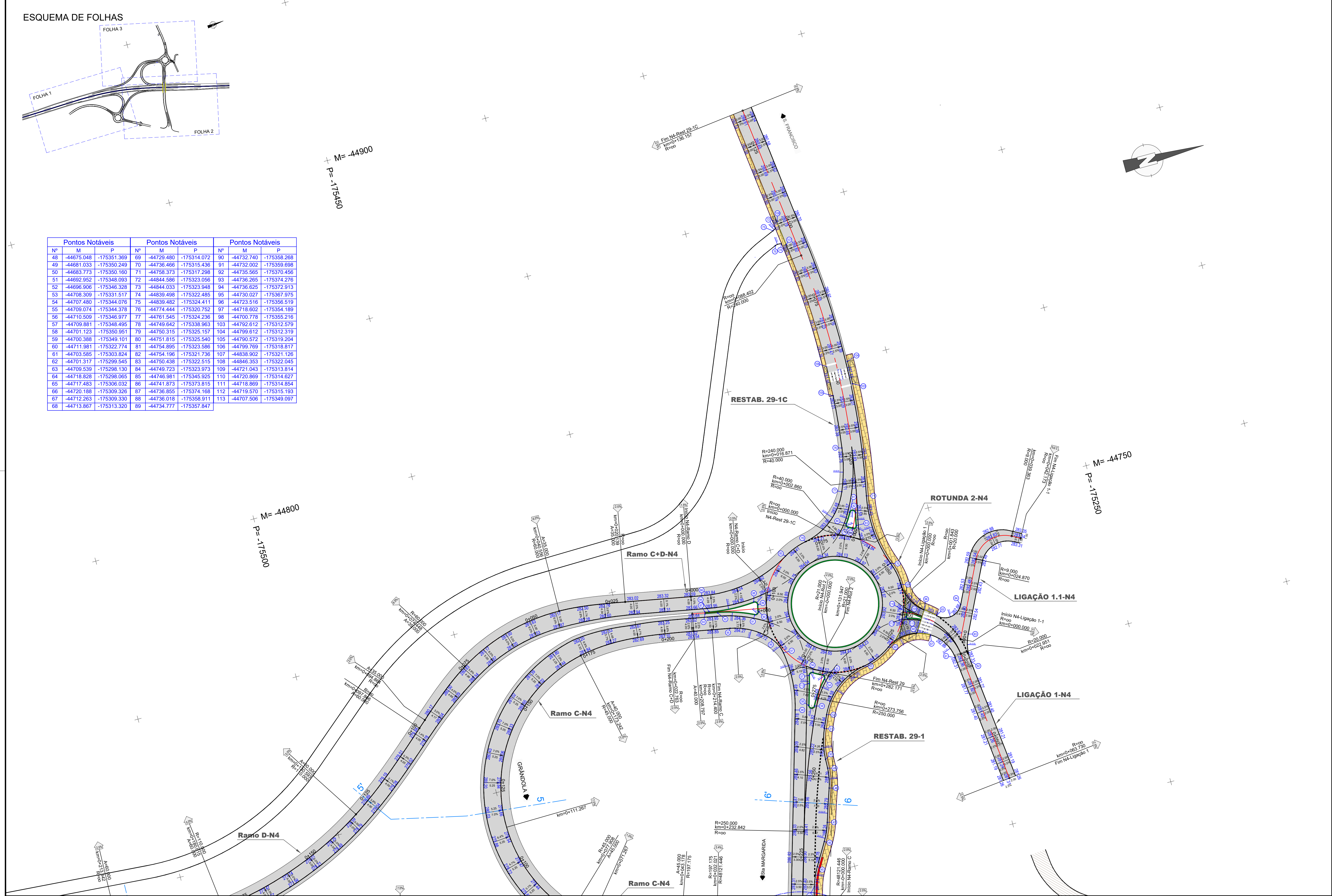
Pontos Notáveis			Pontos Notáveis		
Nº	M	P	Nº	M	P
13	-44579.966	-175570.113	39	-44464.375	-175408.479
21	-44539.078	-175573.723	40	-44446.116	-175397.522
22	-44528.547	-175570.129	41	-44427.991	-175389.018
30	-44499.784	-175521.694	42	-44469.129	-175399.349
31	-44496.058	-175522.644	43	-44469.543	-175401.708
32	-44493.519	-175516.079	45	-44652.813	-175361.046
33	-44494.581	-175512.932	46	-44659.626	-175357.026
34	-44499.393	-175509.285	47	-44665.070	-175354.635
35	-44503.447	-175511.726	100	-44509.315	-175514.966
36	-44506.087	-175520.556	101	-44467.211	-175395.104
37	-44505.312	-175516.267	102	-44494.615	-175402.097
38	-44455.030	-175434.545			



ESQUEMA DE FOLHAS



Pontos Notáveis			Pontos Notáveis			Pontos Notáveis		
Nº	M	P	Nº	M	P	Nº	M	P
48	-44675.048	-175351.369	69	-44729.480	-175314.072	90	-44732.740	-175358.268
49	-44681.033	-175350.249	70	-44736.466	-175315.436	91	-44732.002	-175359.698
50	-44683.773	-175350.160	71	-44758.373	-175317.298	92	-44735.565	-175370.456
51	-44692.952	-175348.093	72	-44844.586	-175323.056	93	-44736.265	-175374.276
52	-44696.906	-175346.328	73	-44844.033	-175323.948	94	-44736.625	-175372.913
53	-44708.309	-175331.517	74	-44839.498	-175322.485	95	-44730.027	-175367.975
54	-44707.480	-175344.076	75	-44839.482	-175324.411	96	-44723.516	-175356.519
55	-44709.074	-175344.378	76	-44774.444	-175320.752	97	-44718.602	-175354.189
56	-44710.509	-175346.977	77	-44761.545	-175324.236	98	-44700.778	-175355.216
57	-44709.881	-175348.495	78	-44749.642	-175338.963	103	-44792.612	-175312.579
58	-44701.123	-175350.951	79	-44750.315	-175325.157	104	-44799.612	-175312.319
59	-44700.388	-175349.101	80	-44751.815	-175325.540	105	-44790.572	-175319.204
60	-44711.981	-175322.774	81	-44754.895	-175323.586	106	-44799.769	-175318.817
61	-44703.585	-175303.824	82	-44754.196	-175321.736	107	-44838.902	-175321.126
62	-44701.317	-175299.545	83	-44750.438	-175322.515	108	-44846.353	-175322.045
63	-44709.539	-175298.130	84	-44749.723	-175323.973	109	-44721.043	-175313.814
64	-44718.828	-175298.065	85	-44746.981	-175345.925	110	-44720.869	-175314.627
65	-44717.483	-175306.032	86	-44741.873	-175373.815	111	-44718.869	-175314.854
66	-44720.188	-175309.326	87	-44736.855	-175374.168	112	-44719.570	-175315.193
67	-44712.263	-175309.330	88	-44736.018	-175358.911	113	-44707.506	-175349.097
68	-44713.867	-175313.320	89	-44734.777	-175357.847			



PROJETO Nº	RVGR	PROJETO	CARLA CORREIA	COORDENADOR	PEDRO REIS	ESCALA	1:500
DATA	NOVEMBRO 2023	DESENHOU	JOÃO SERRANO	VERIFICOU		ESCALA GRÁFICA	
ALTERAÇÃO		DESCRIÇÃO DA ALTERAÇÃO		DATA	DESENHOU	VERIFICOU	

PROJETO Nº	RVGR	PROJETO	CARLA CORREIA	COORDENADOR	PEDRO REIS	ESCALA	1:500
DATA	NOVEMBRO 2023	DESENHOU	JOÃO SERRANO	VERIFICOU		ESCALA GRÁFICA	
ALTERAÇÃO		DESCRIÇÃO DA ALTERAÇÃO		DATA	DESENHOU	VERIFICOU	

IP8 (A26) - LIGAÇÃO ENTRE SINES E A A2
LANÇO IP8 ENTRE RONCÃO E GRÂNDOLA
AUMENTO DE CAPACIDADE

INFRAESTRUTURAS VIÁRIAS
PROJETO DE EXECUÇÃO
TRAÇADO
PLANTA DE PORMENOR - NÓ 4 - NÓ RONCÃO
(FOLHA 3 / 3)

DESENHO Nº	RVGR-PE-T2-P112-N4-13-03-R01
SUBSTITUI	
SUBSTITUÍDO	
FORMATO	A1 REDUZIDO
A3	



Anexo 3.3.2 – Nó de Melides

