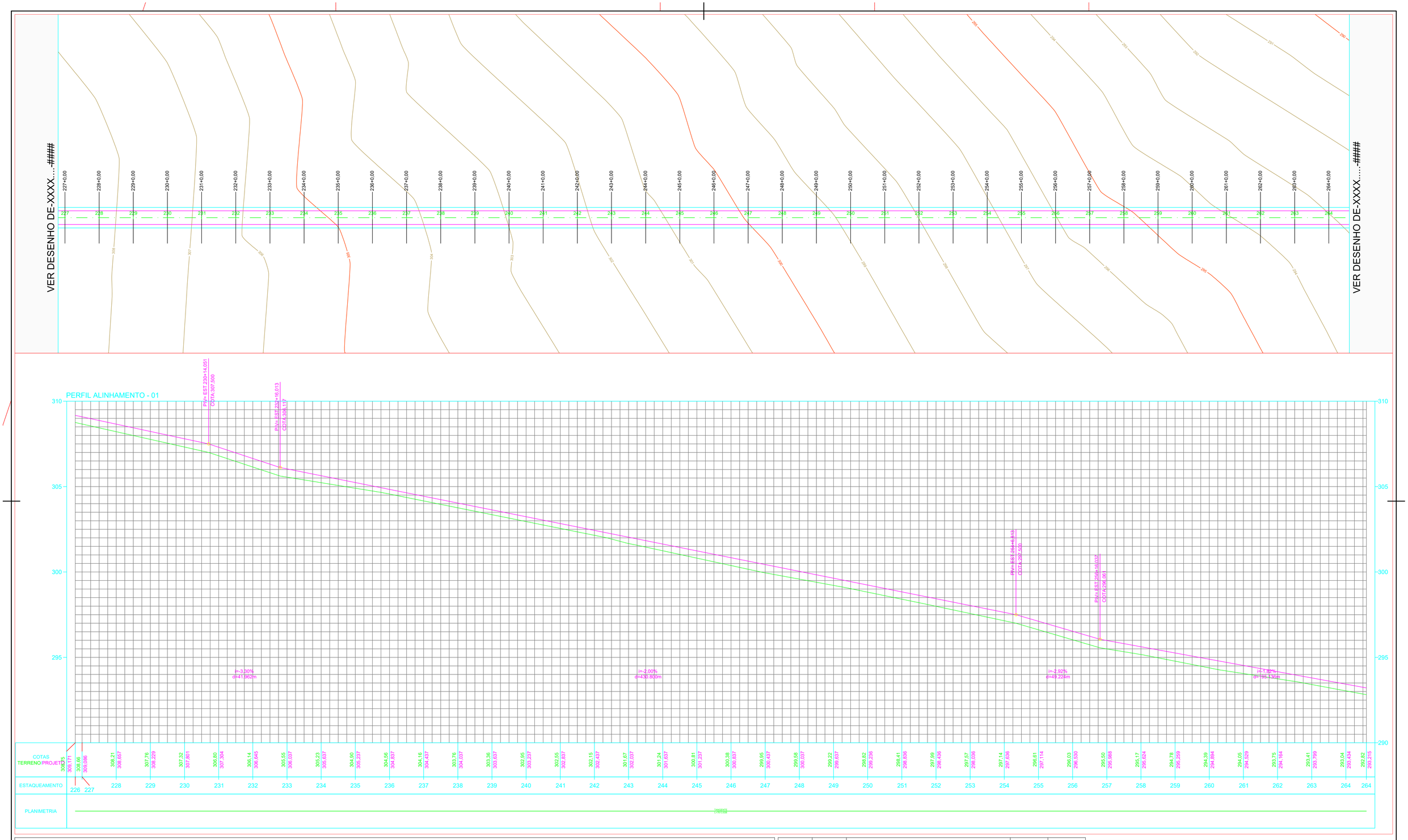


LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA 4ª REGIONAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

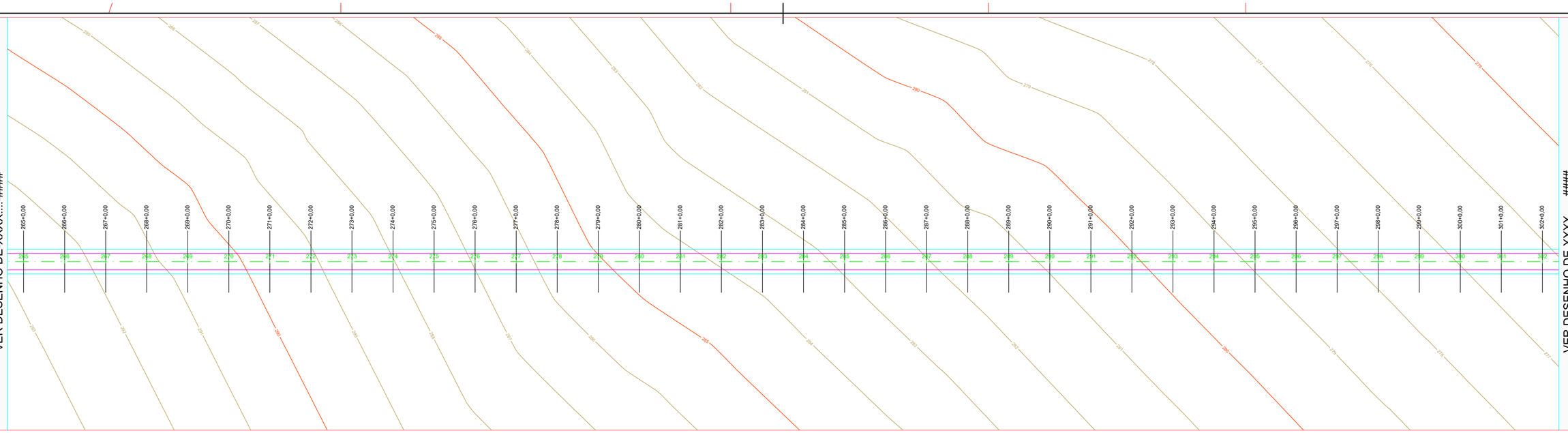
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Data: 26/08/2026 20:12:34-0300
Verifique em https://validar.iti.gov.br

FOLHA: 07/23

EMPRESA:
RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D
PROJETISTA: NATAN ROCHA CREA/PR 201674/D
REVISÃO: Rev.00
CONTRATO: 000/0000
DESENHISTA: NATAN ROCHA
ESCALA: 1:1000
DATA: 07/08/2026
ARQUIVO: ALINHAMENTO 01 -07

FORMATO A1 (841X594mm)

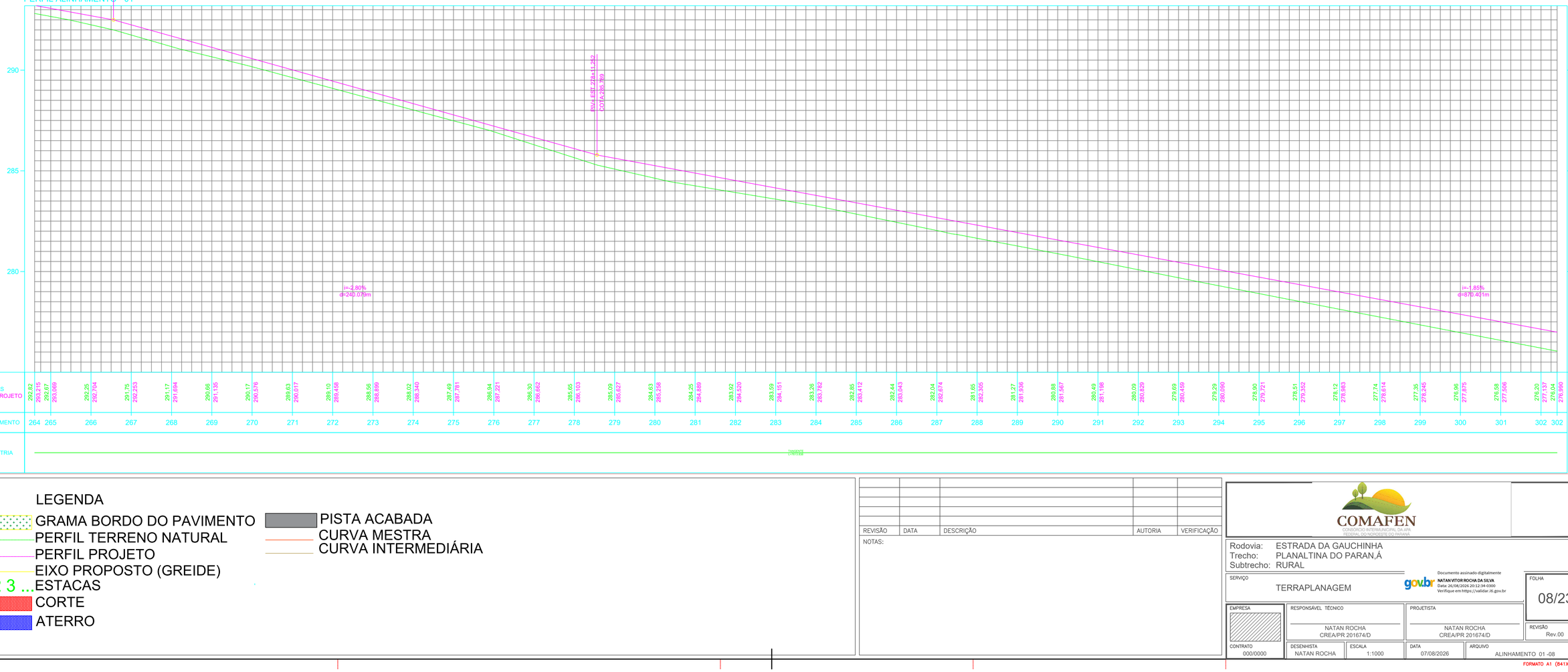
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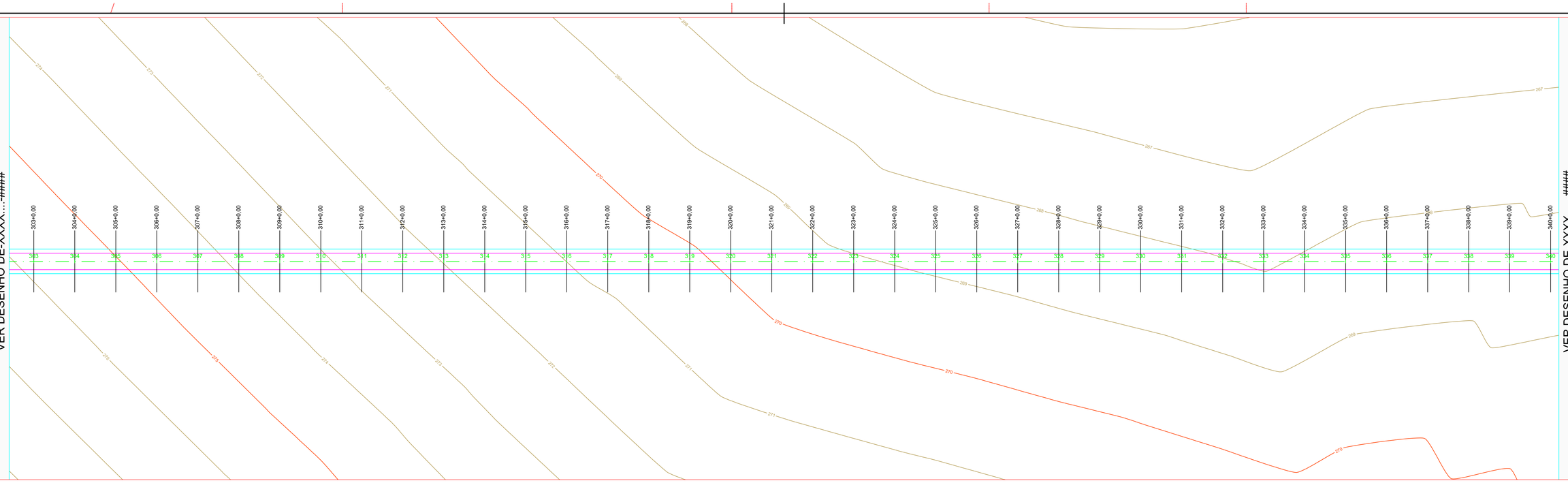
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COTA 292,500

PERFIL ALINHAMENTO - 01



| | | |

VER DESENHO DE-XXXX....-####



VER DESENHO DE-XXXX....-####

PERFIL ALINHAMENTO - 01



LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSORCIO INTERMUNICIPAL DA APA FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:12:34-0300
Verifique em https://validar.iti.gov.br

FOLHA: 09/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

DESENHISTA: NATAN ROCHA

ESCALA: 1:1000

DATA: 07/08/2026

ARQUIVO: ALINHAMENTO 01 -09

FORMATO A1 (841X594mm)

VER DESENHO DE-XXXX.....####

VER DESENHO DE-XXXX.....####

PERFIL ALINHAMENTO - 01

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COTA 268.763

PIV= EST.344+15.000
COTA 268.876

PIV= EST.345+8.733
COTA 268.709

PIV= EST.348+9.492
COTA 268.808

PIV= EST.356+11.878
COTA 267.965

P.T.A EST.367+13.605
COTA P.T.A 267.663

PIV= EST.369+12.471
COTA PIV 267.848

P.C.V EST.367+12.471
COTA 267.663

P.T.V EST.371+12.471
COTA 268.668

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e=0.206
V=80.000

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d=290.596m

i=2,09%
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COTAS TERRENO/PROJETO	268.40 / 268.897	268.44 / 268.941	268.35 / 268.863	268.30 / 268.796	268.34 / 268.841	268.31 / 268.815	268.23 / 268.727	268.26 / 268.759	268.29 / 268.791	268.22 / 268.736	268.09 / 268.608	267.96 / 268.479	267.83 / 268.349	267.71 / 268.220	267.58 / 268.090	267.45 / 267.961	267.33 / 267.831	267.20 / 267.702	267.13 / 267.627	267.14 / 267.633	267.15 / 267.639	267.15 / 267.645	267.14 / 267.650	267.13 / 267.656	267.11 / 267.662	267.09 / 267.668	267.06 / 267.674	267.05 / 267.680	267.03 / 267.678	267.01 / 267.594	266.85 / 267.406	266.46 / 267.116	266.07 / 266.750	265.68 / 266.324	265.29 / 265.918	264.91 / 265.512	264.52 / 265.106	264.13 / 264.700	263.74 / 264.294
ESTAQUEAMENTO	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378

PLANIMETRIA — TANGENTE CURVA 02

LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APA FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br — Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:12:34-0300
Verifique em https://validar.iti.gov.br

FOLHA: 10/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

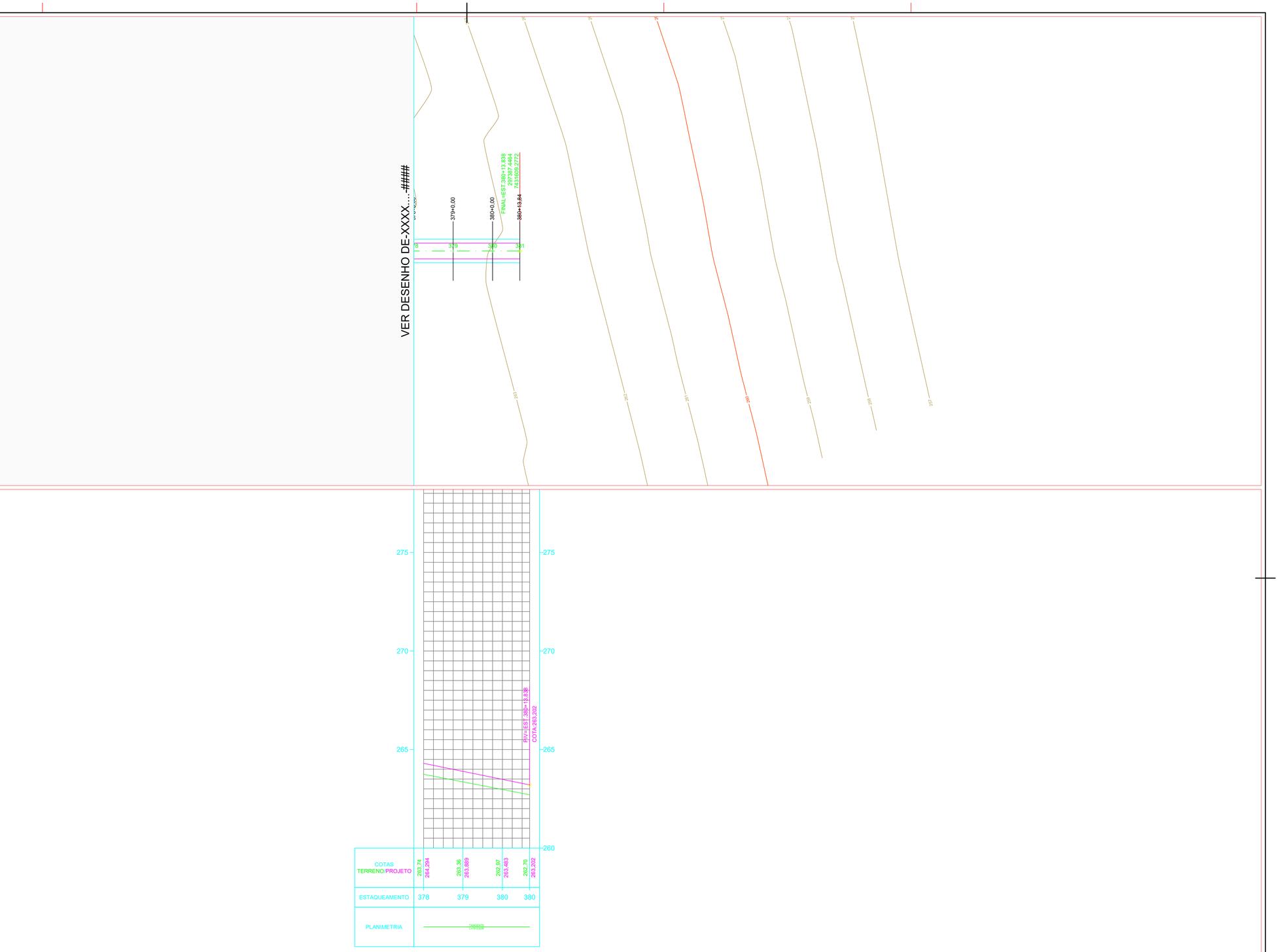
DESENHISTA: NATAN ROCHA

ESCALA: 1:1000

DATA: 07/08/2026

ARQUIVO: ALINHAMENTO 01 -10

FORMATO A1 (841X594mm)



LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ...ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO DE INTERCONEXÃO GAPA FEDERAL DO NORDESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

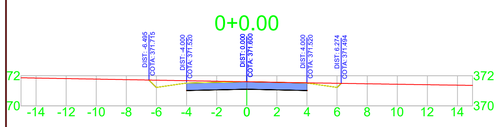
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Verifique em https://validar.iti.gov.br

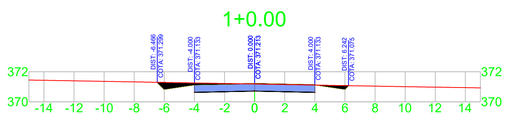
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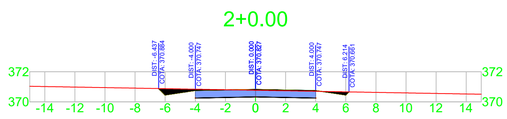
EMPRESA	RESPONSÁVEL TÉCNICO	PROJETISTA	REVISÃO
	NATAN ROCHA CREA/PR 201674/D	NATAN ROCHA CREA/PR 201674/D	Rev.00

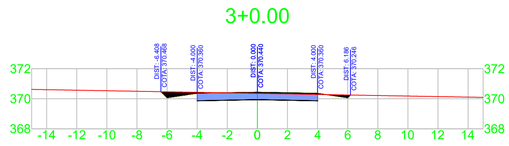
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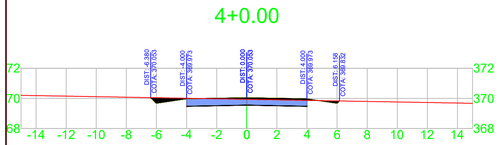
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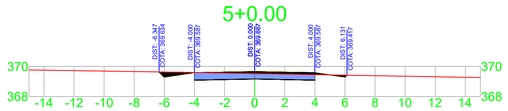


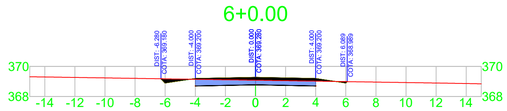


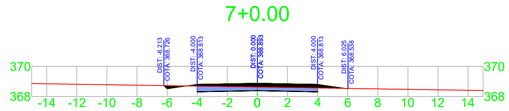


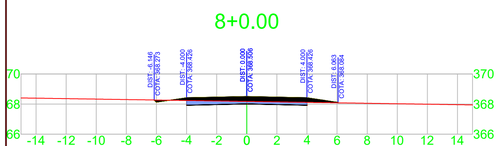


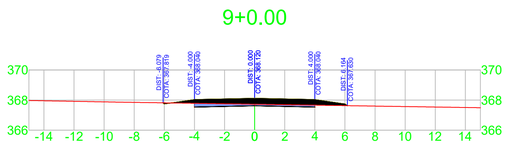


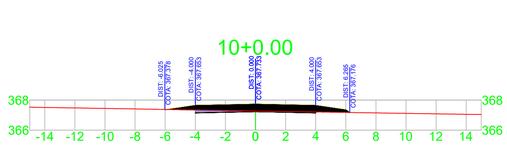


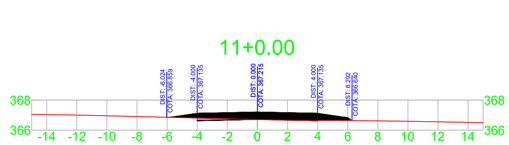


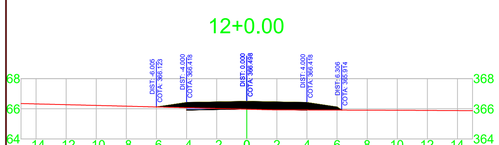


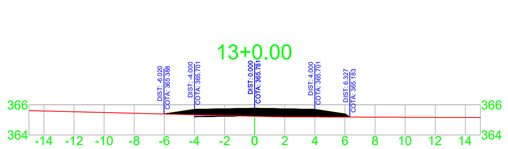


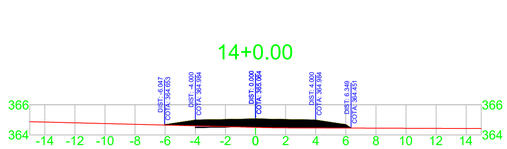


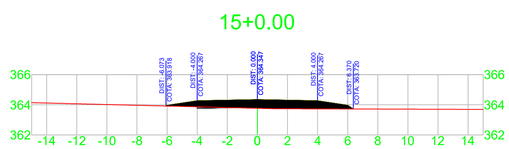


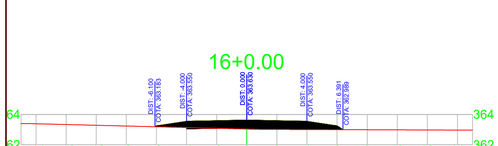


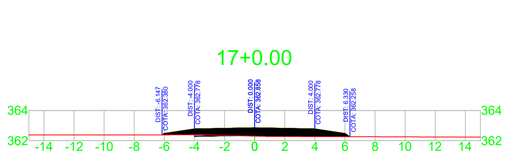


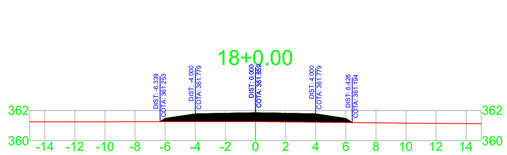


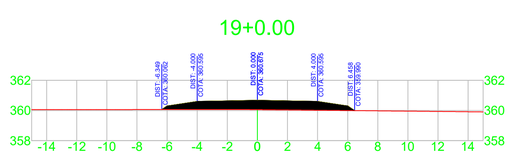


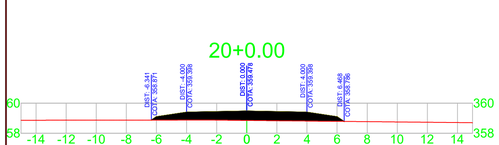


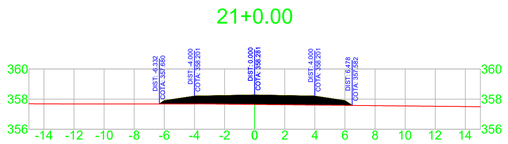


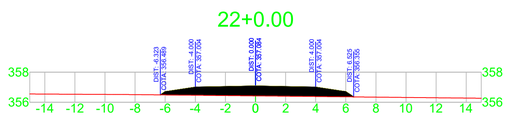


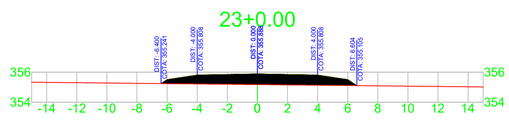


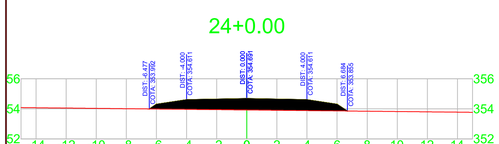


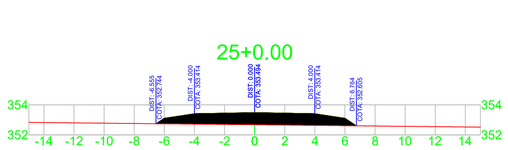


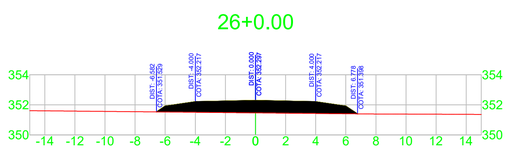


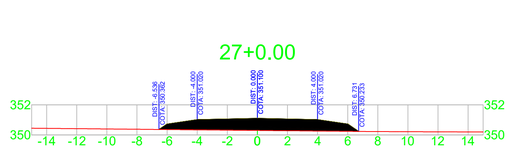


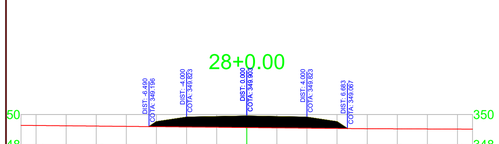


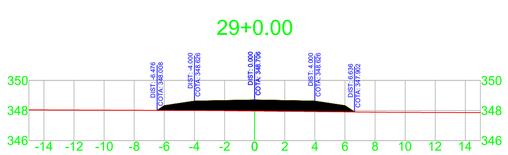


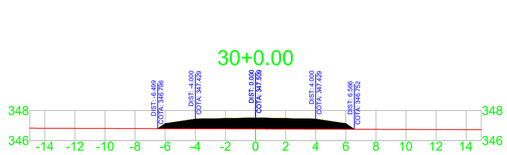


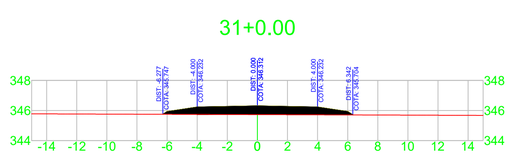












REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APA FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br — Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:17:33-0300
Verifique em https://validar.iti.gov.br

FOLHA: 12/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

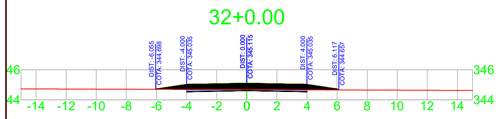
DESENHISTA: NATAN ROCHA

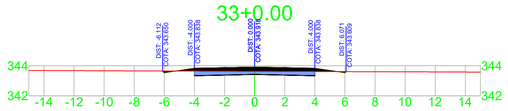
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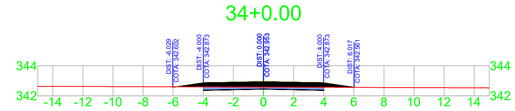
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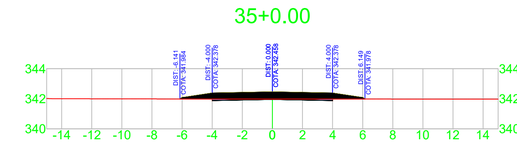
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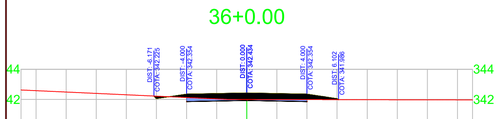
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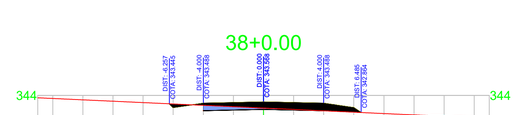




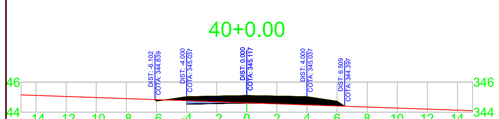


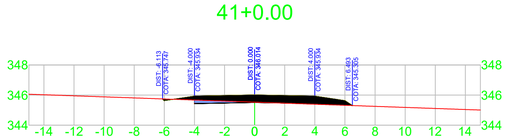


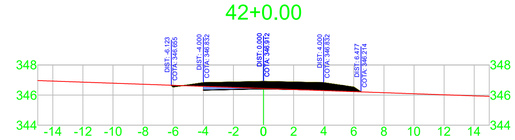


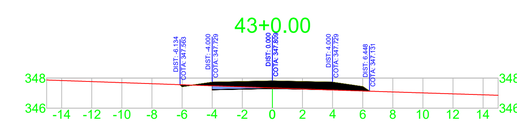


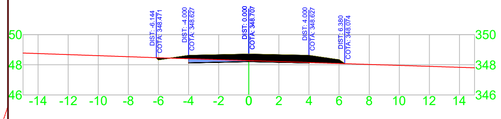


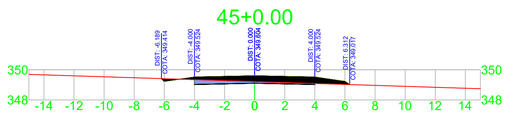


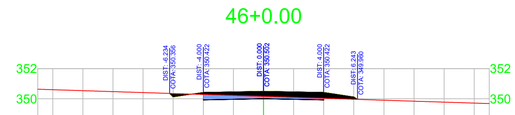


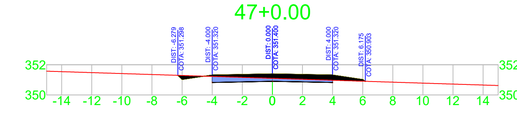


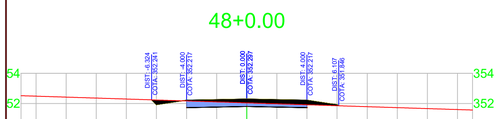


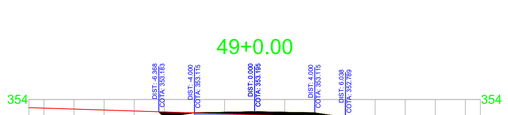


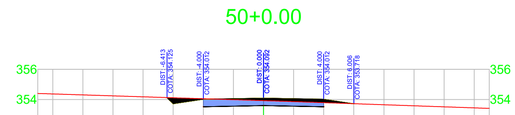


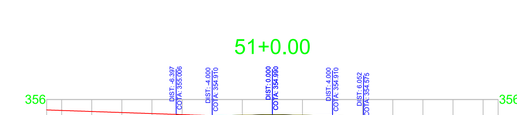


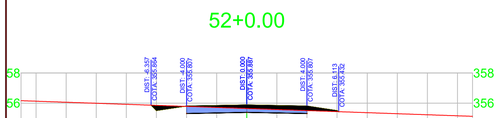


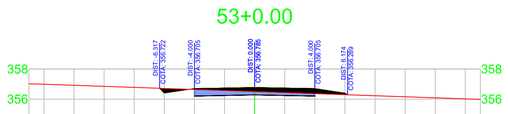


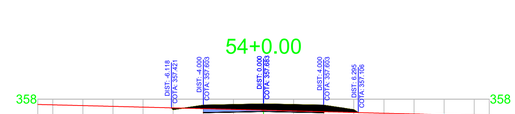


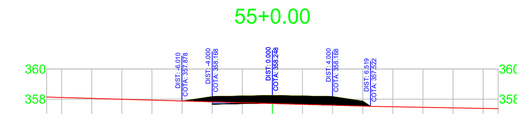


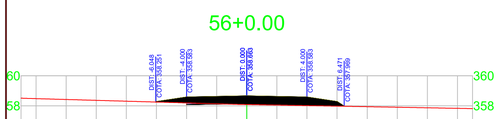


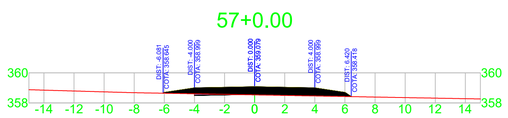


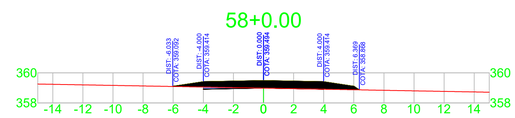


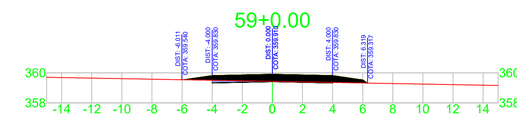


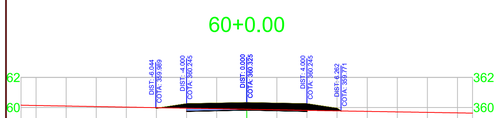


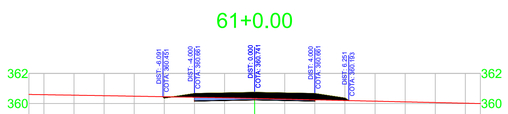


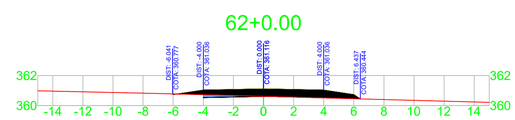


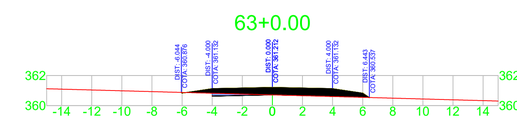












REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

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Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

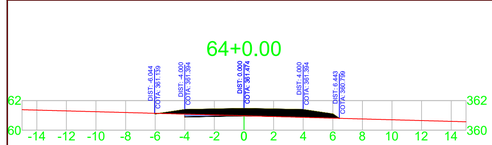
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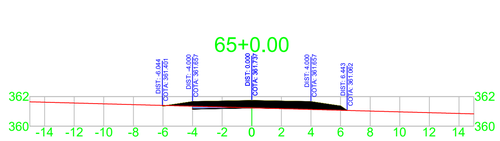
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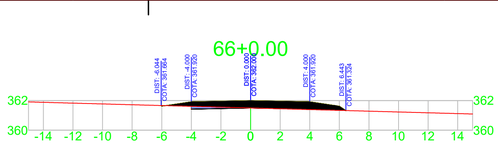
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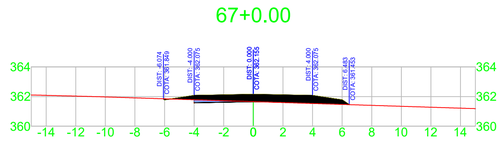
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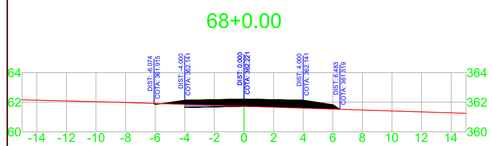
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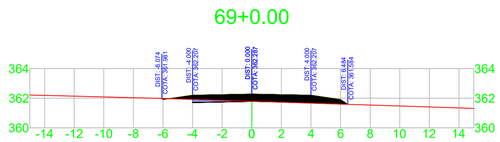


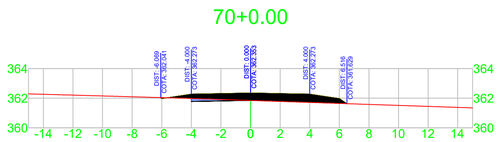


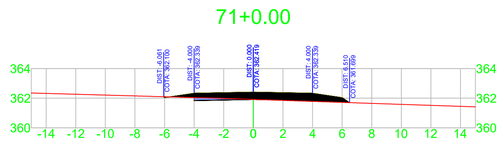


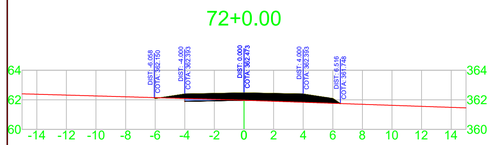


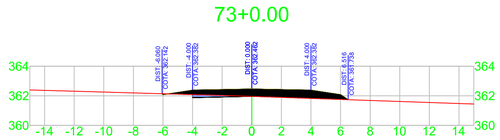


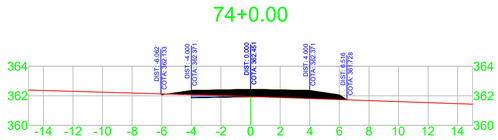


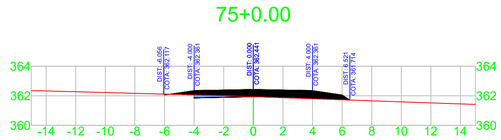


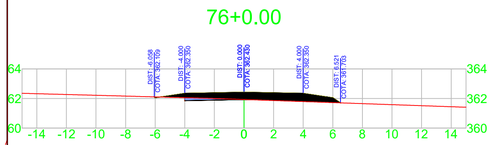


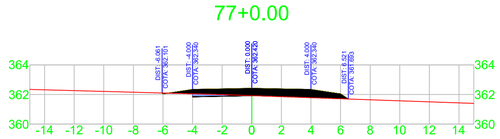


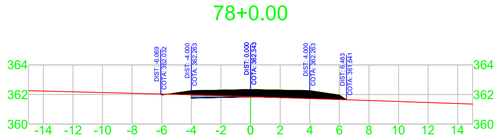


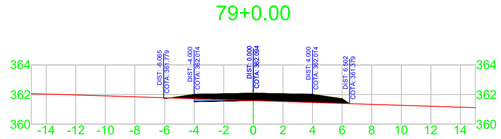


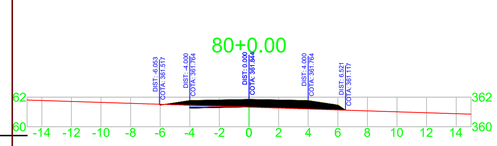


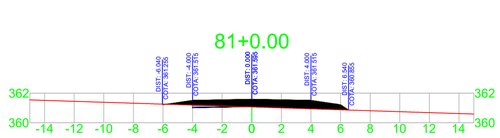


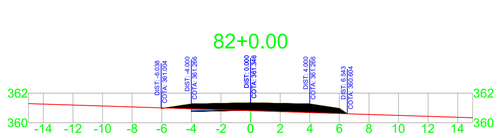


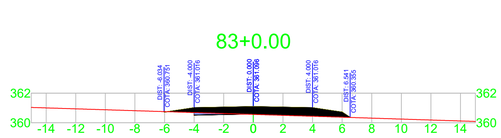


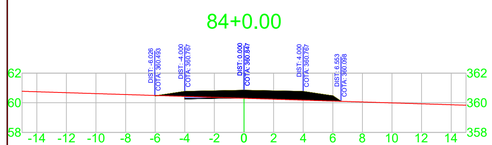


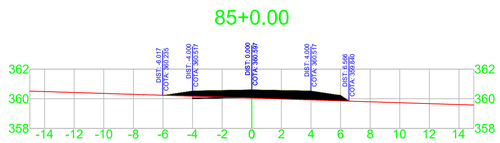


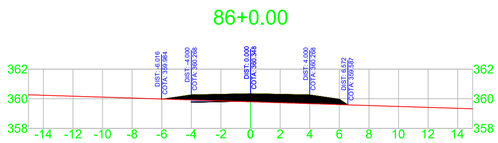


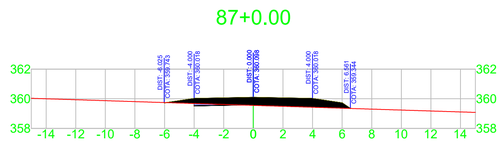


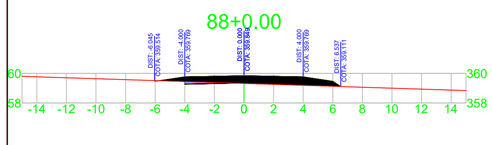


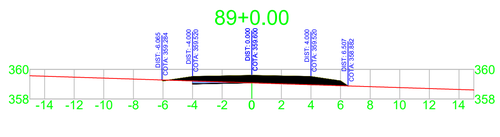


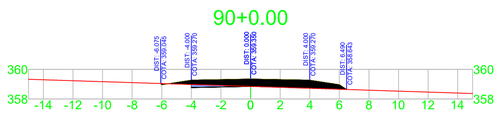


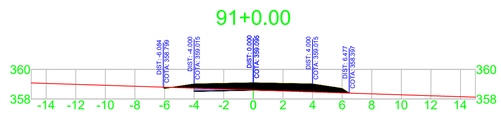


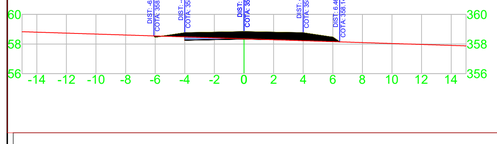


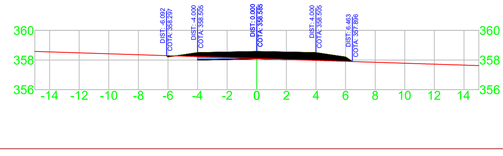


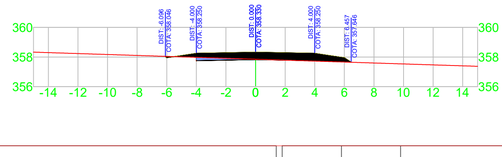


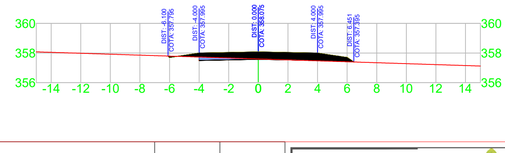












REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APA FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

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Data: 26/08/2026 20:17:33-0300
Verifique em https://validar.iti.gov.br

FOLHA: 14/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

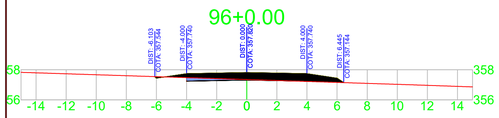
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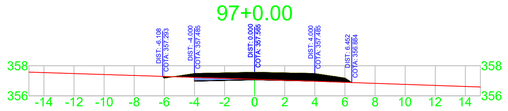
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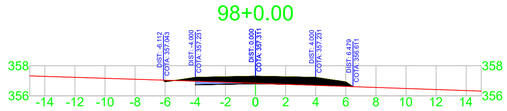
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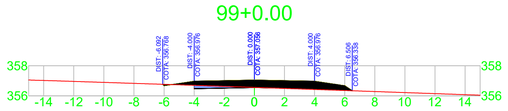
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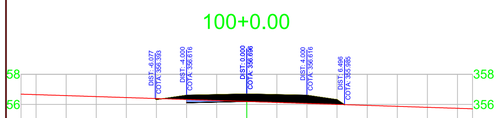
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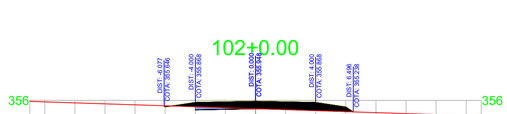


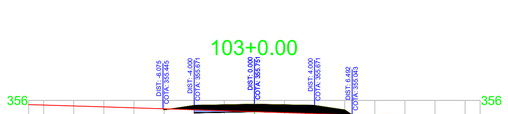


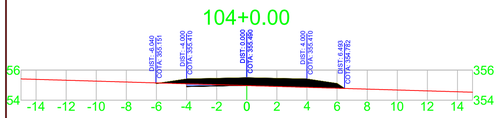


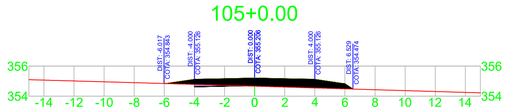


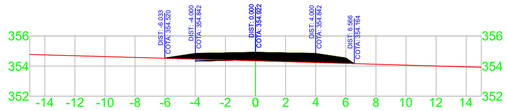


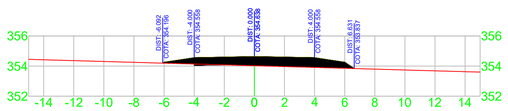


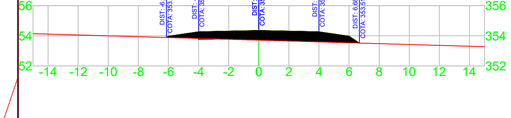


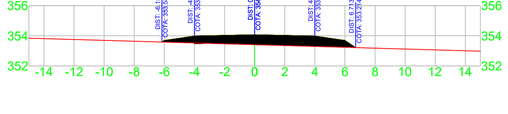


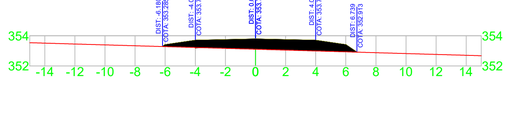


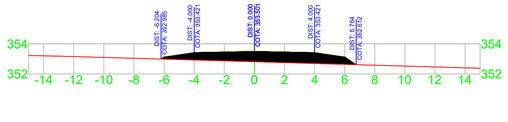


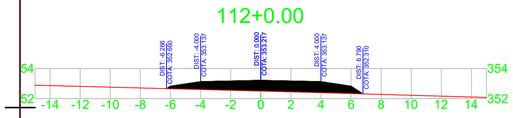


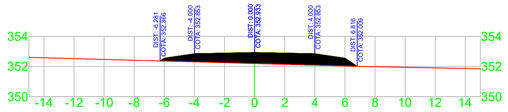


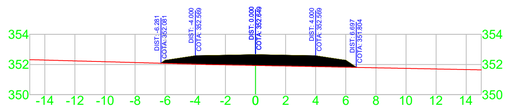


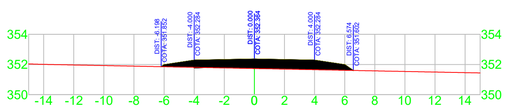


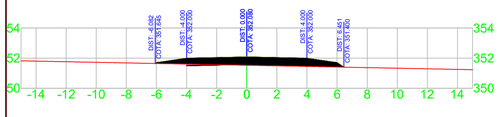


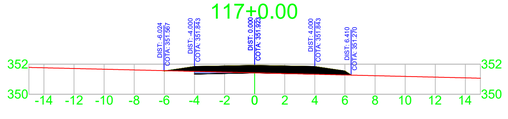


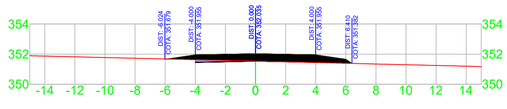


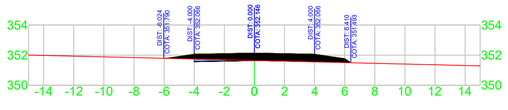


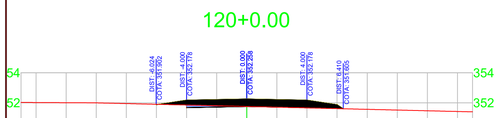








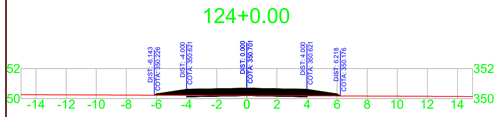


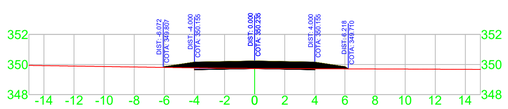


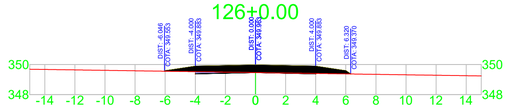


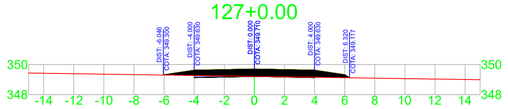












REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APR FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

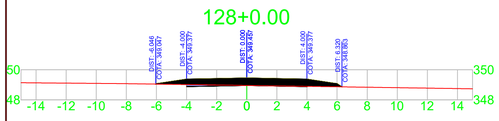
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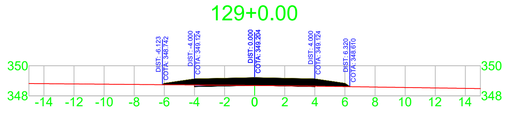
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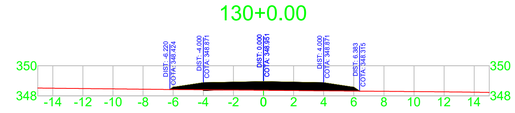
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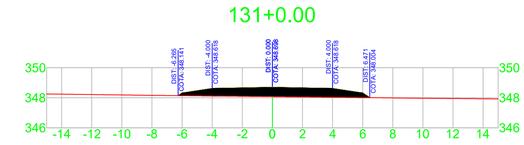
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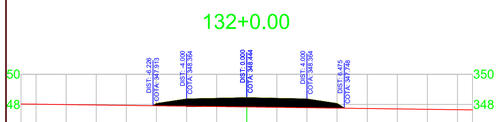
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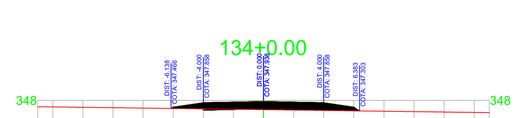


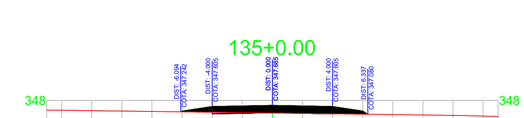


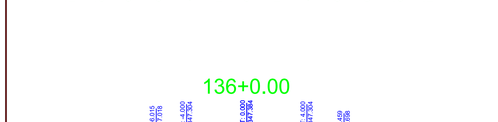




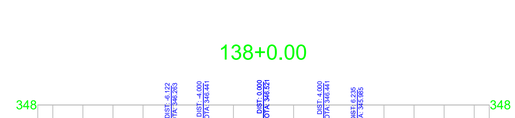


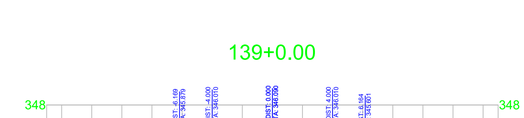


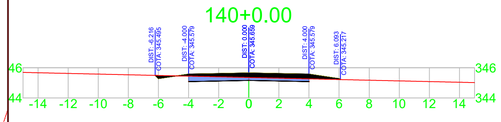


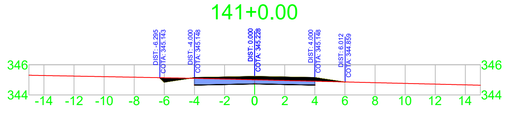


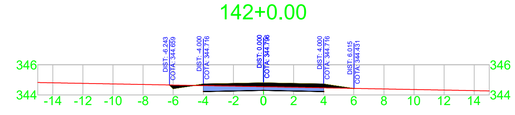




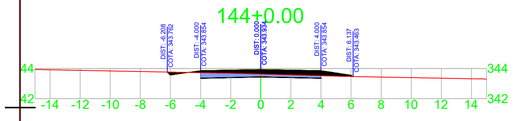


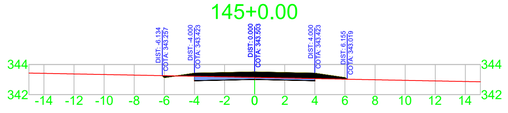


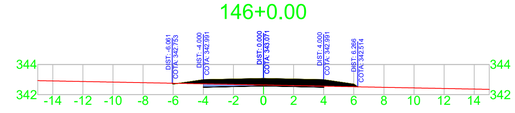




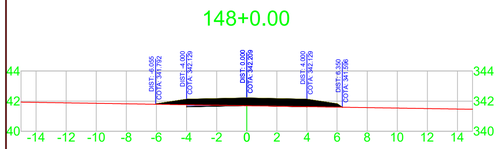


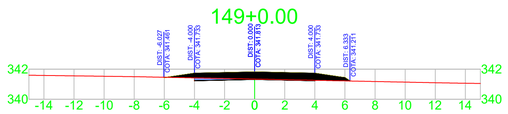


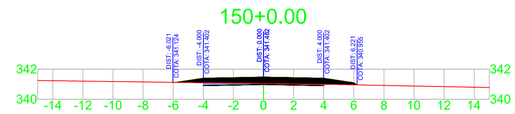


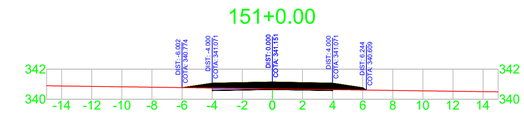


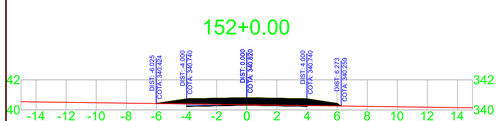


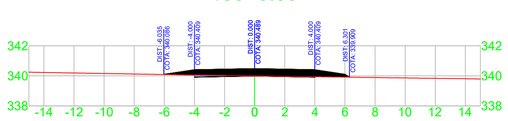


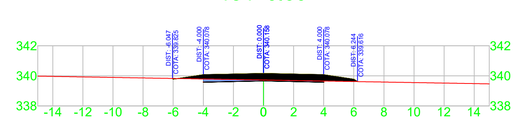


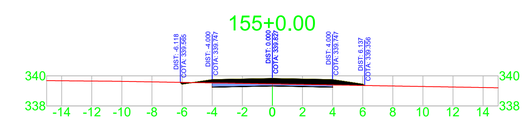


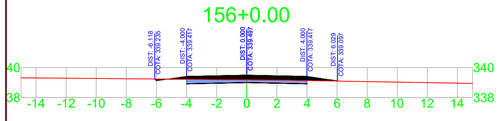


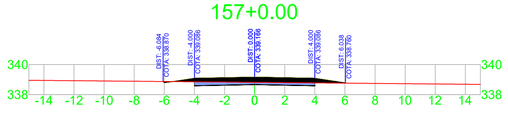


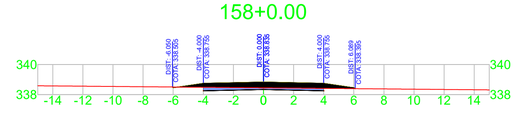














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Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

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NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:25:28-0300
Verifique em https://validar.iti.gov.br

FOLHA: 16/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

DESENHISTA: NATAN ROCHA

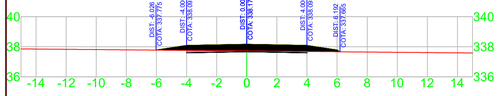
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DATA: 07/08/2026

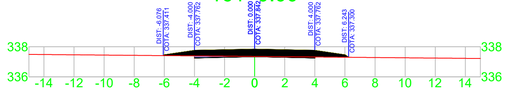
ARQUIVO: SEÇÕES 1 -6

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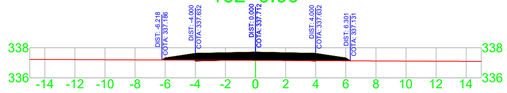
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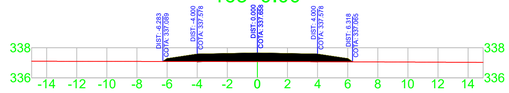
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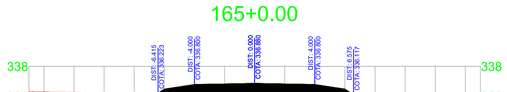
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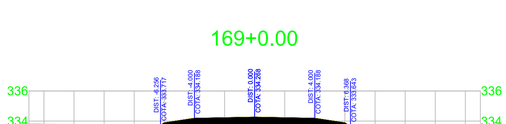
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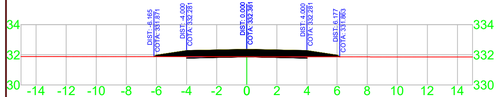
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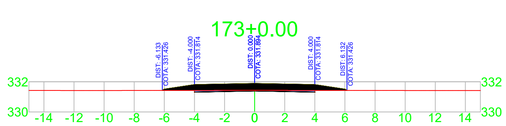
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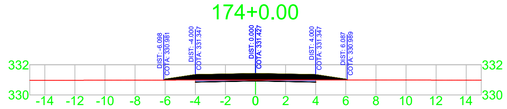
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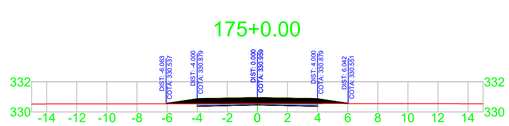
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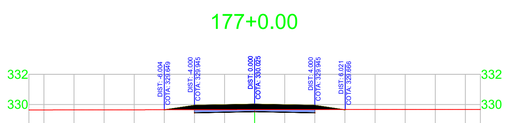
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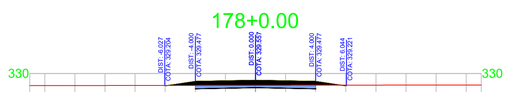
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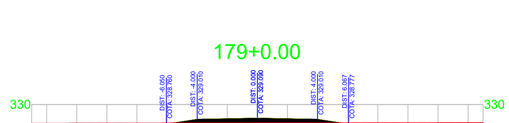
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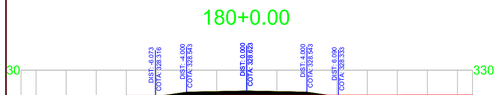
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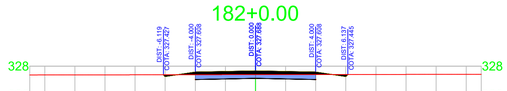
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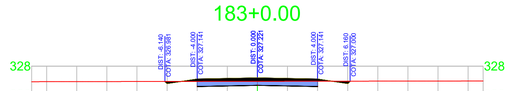
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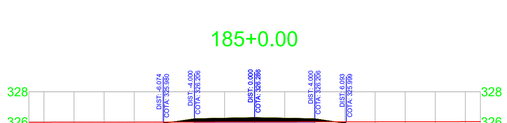
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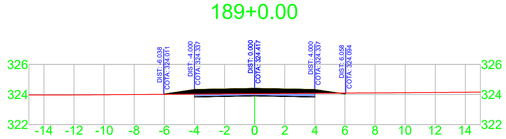
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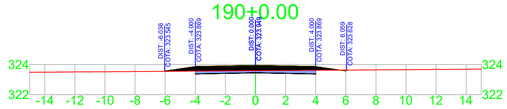
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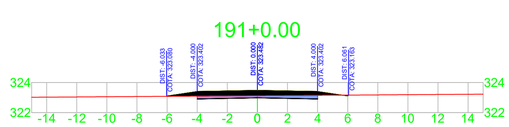
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191+0.00



REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APR FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

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FOLHA: 17/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

DESENHISTA: NATAN ROCHA

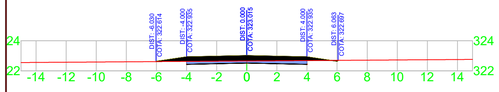
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DATA: 07/08/2026

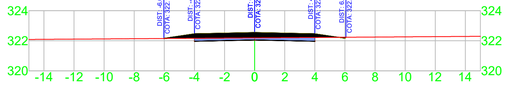
ARQUIVO: SEÇÕES 1 -7

FORMATO A1 (841X594mm)

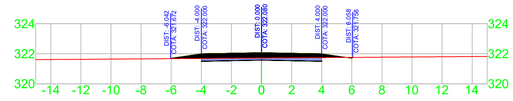
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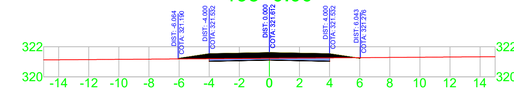
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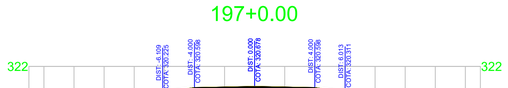
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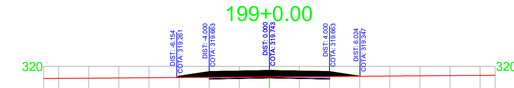
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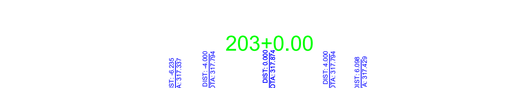
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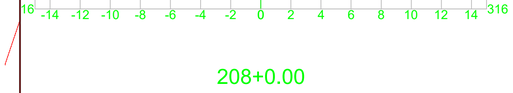
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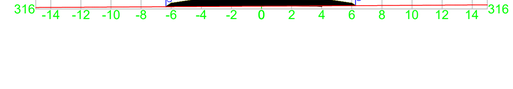
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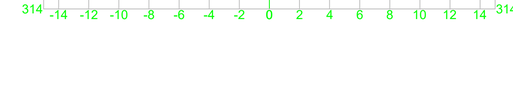
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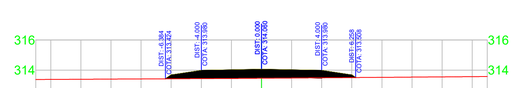
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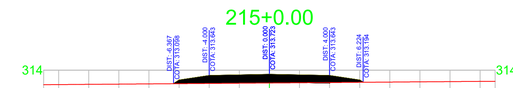
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REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA UFFS FEDERAL DO SUDOESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

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NATAN VITOR ROCHA DA SILVA
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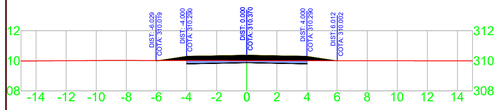
FOLHA: 18/23

EMPRESA	RESPONSÁVEL TÉCNICO	PROJETISTA	REVISÃO
CONTRATO: 000/0000	NATAN ROCHA CREA/PR 201674/D	NATAN ROCHA CREA/PR 201674/D	Rev.00

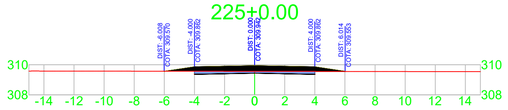
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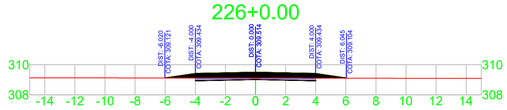
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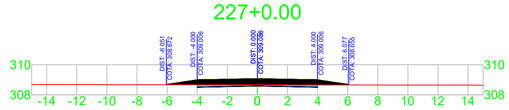
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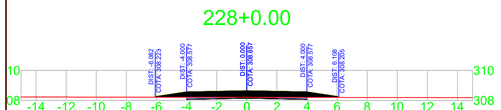
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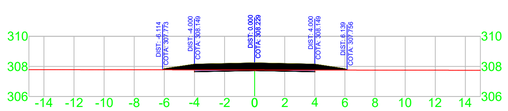
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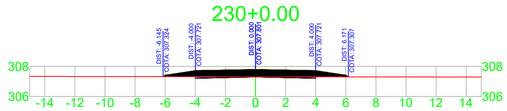
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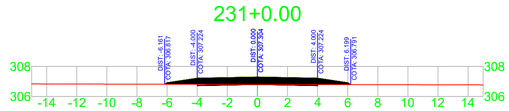
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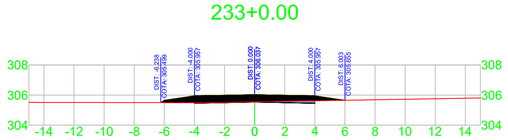
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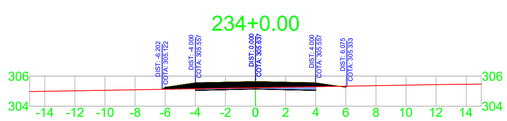
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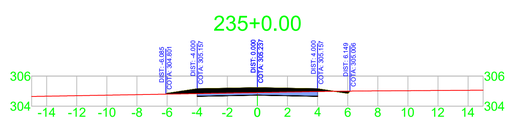
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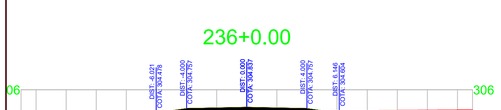
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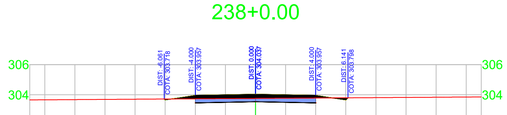
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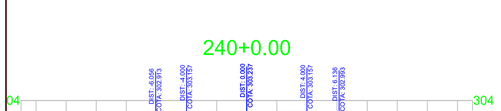
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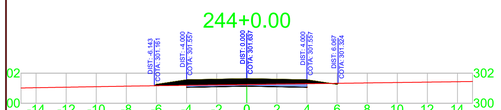
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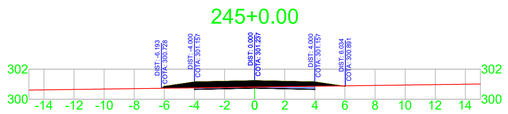
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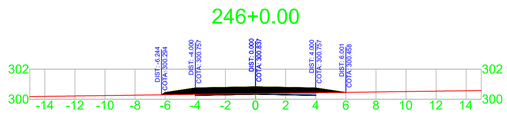
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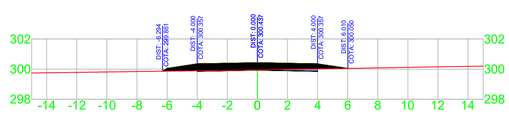
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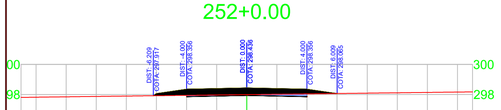
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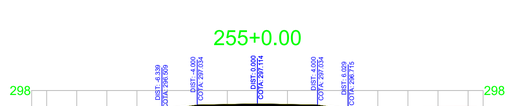
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REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

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CONSÓRCIO INTERMUNICIPAL DA APR FEDERAL DO NOROESTE DO PARANÁ

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Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

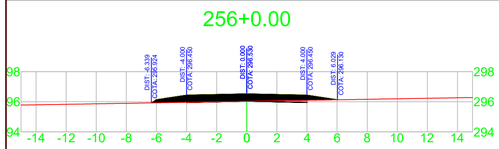
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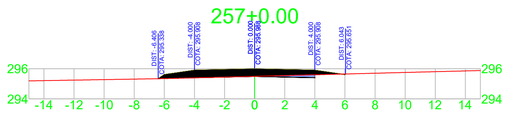
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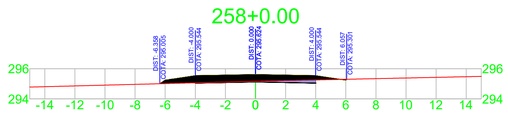
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	NATAN ROCHA CREA/PR 201674/D	NATAN ROCHA CREA/PR 201674/D	Rev.00

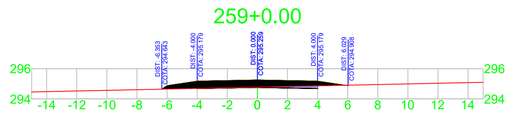
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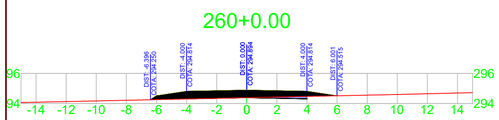
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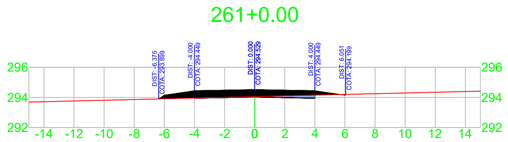


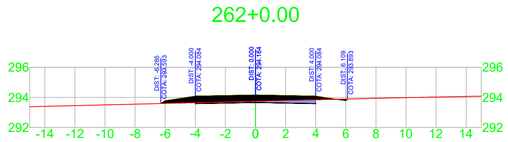


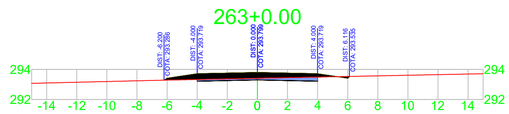


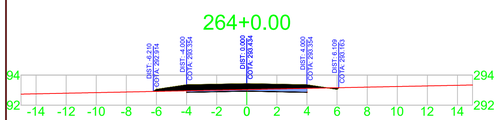


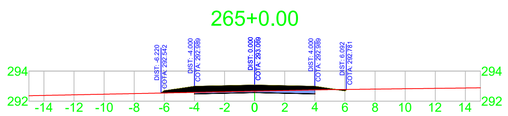


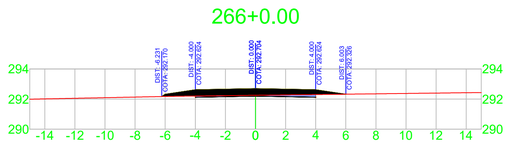


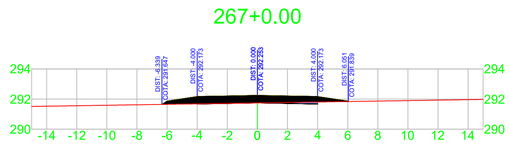


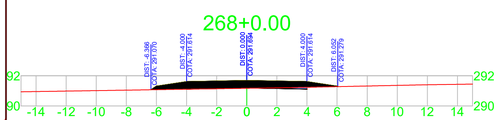


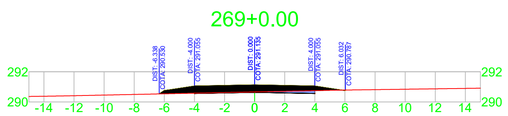


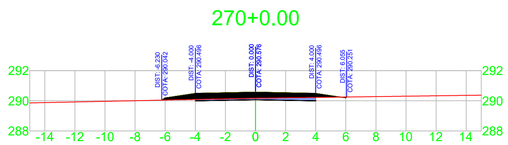


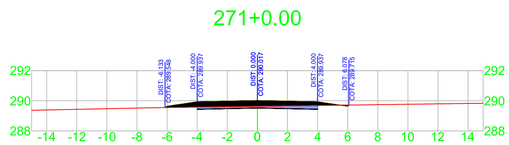


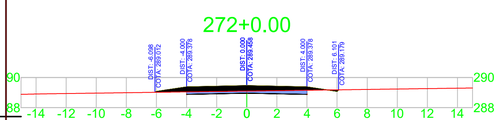


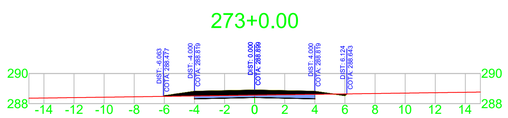


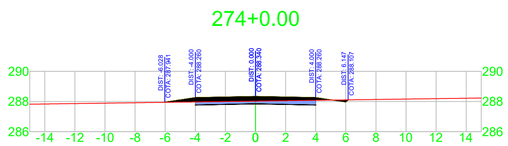


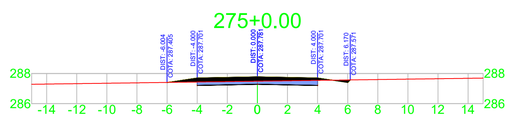


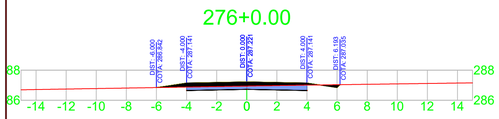


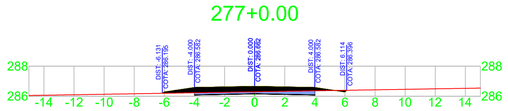


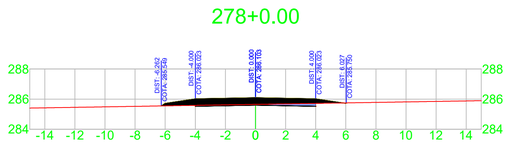


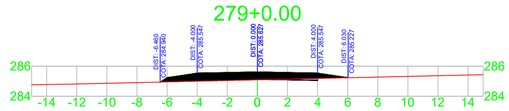


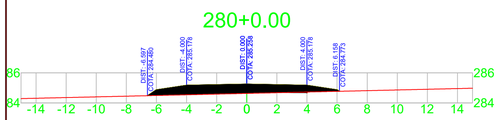










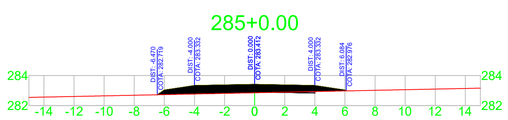


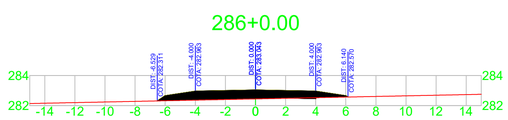














REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APR FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:25:28-0300
Verifique em https://validar.iti.gov.br

FOLHA: 20/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

DESENHISTA: NATAN ROCHA

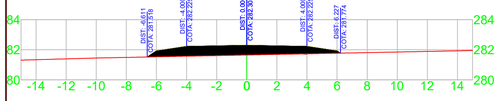
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DATA: 07/08/2026

ARQUIVO: SEÇÕES 1 -10

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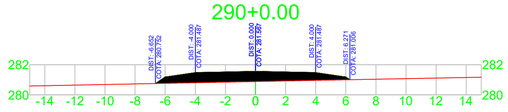
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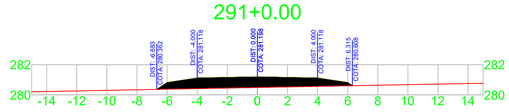
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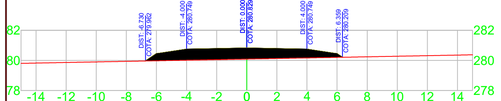
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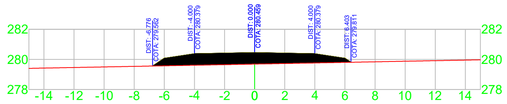
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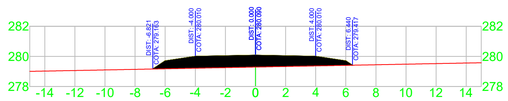
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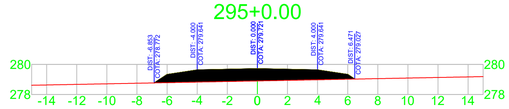
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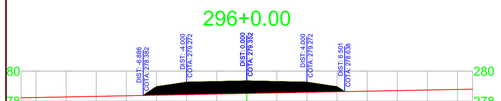
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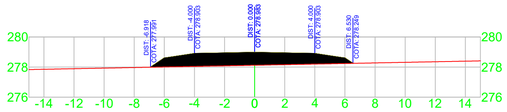
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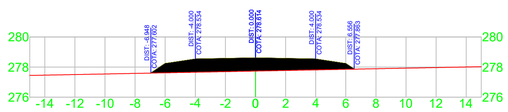
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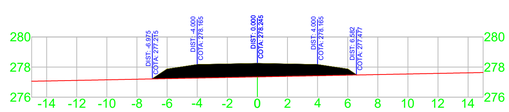
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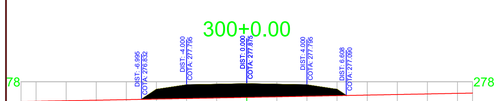
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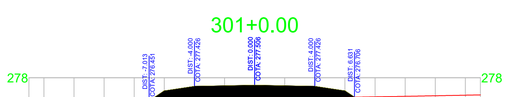
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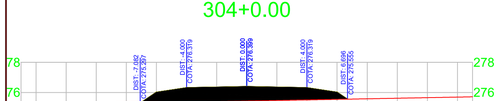
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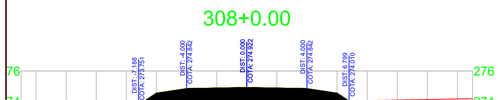
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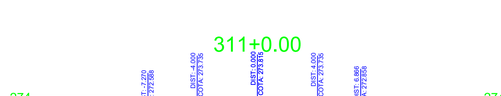
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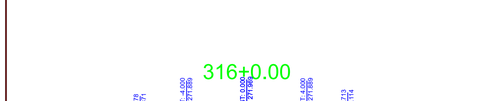
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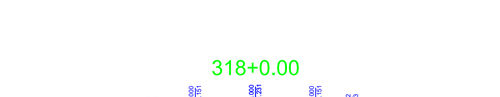
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REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APR FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
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Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:29:18-0300
Verifique em https://validar.iti.gov.br

FOLHA: 21/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

DESENHISTA: NATAN ROCHA

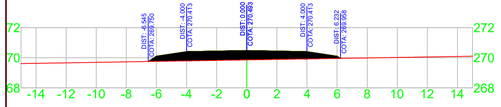
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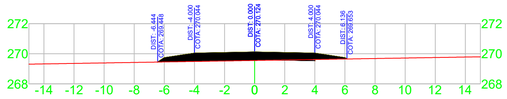
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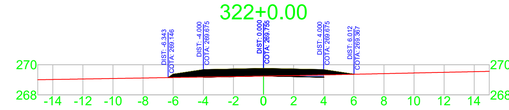
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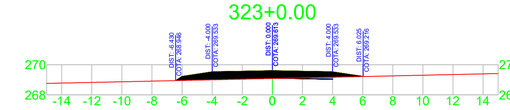
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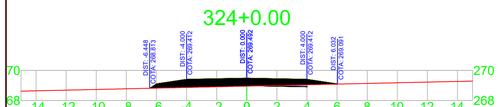
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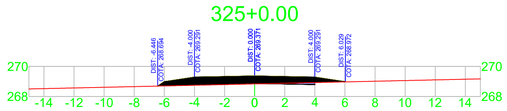
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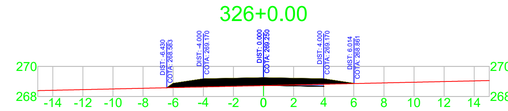
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325+0.00



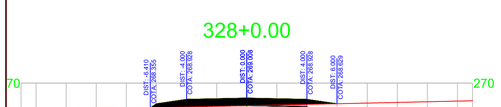
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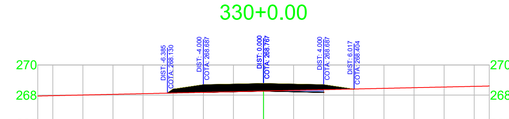
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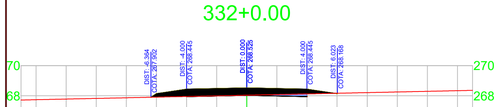
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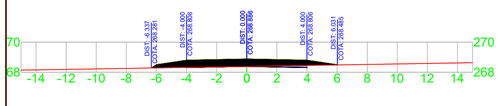
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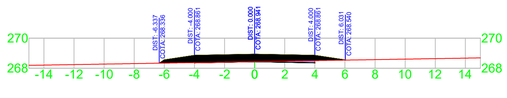
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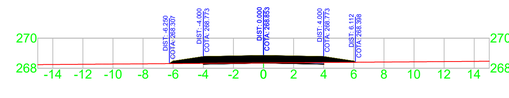
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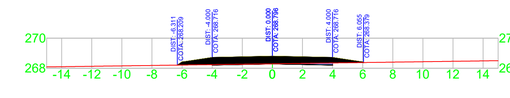
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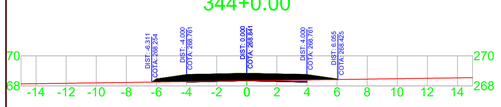
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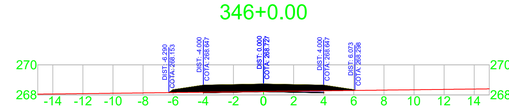
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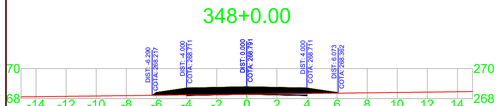
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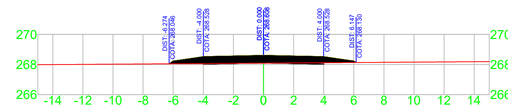
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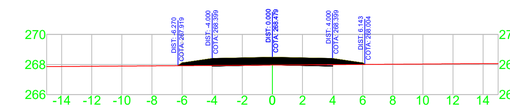
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REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APR FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:29:18-0300
Verifique em https://validar.iti.gov.br

FOLHA: 22/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

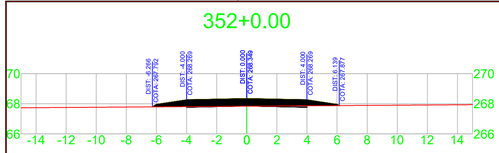
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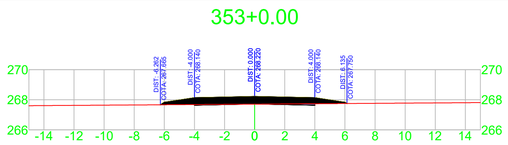
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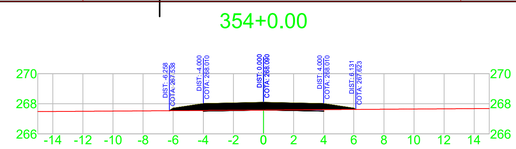
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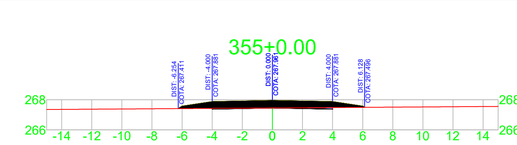
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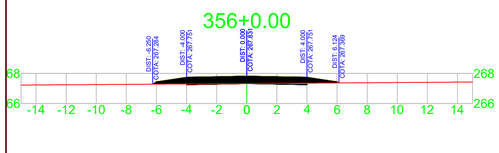
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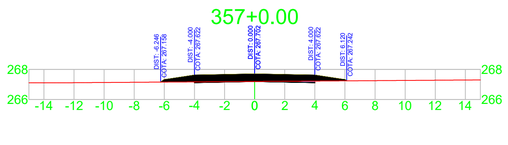


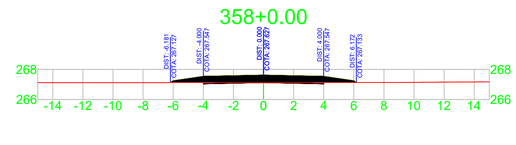


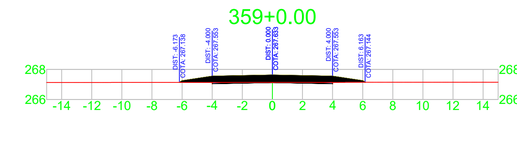


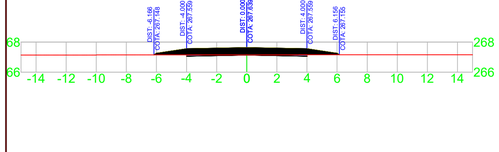


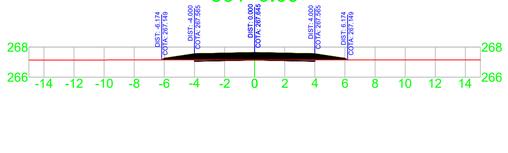


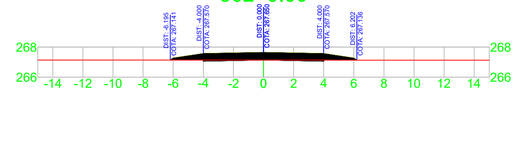


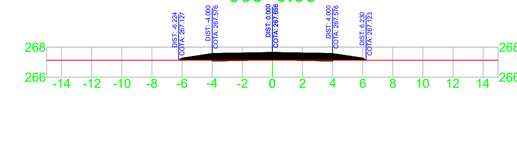


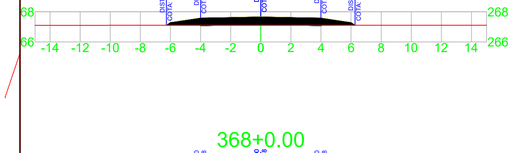


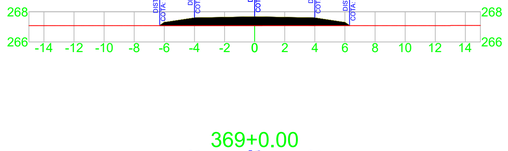




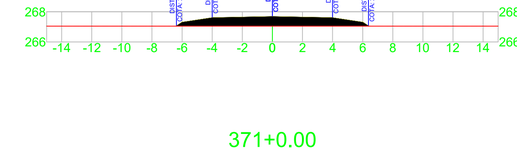


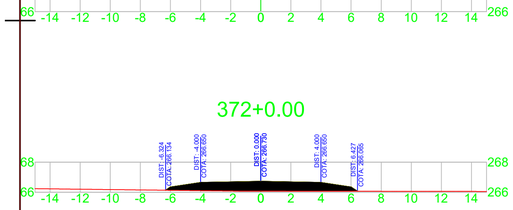


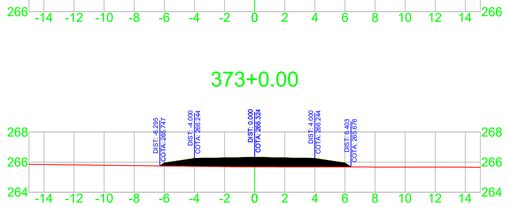


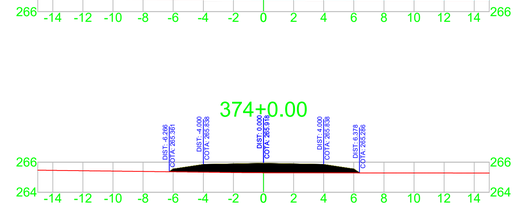


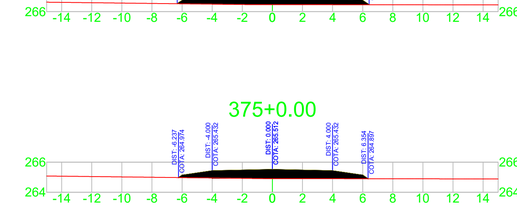


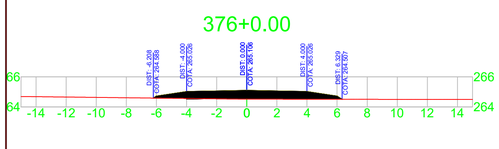


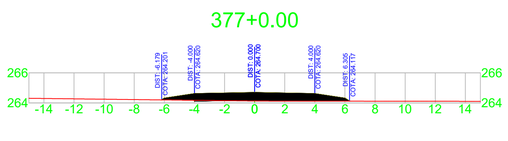


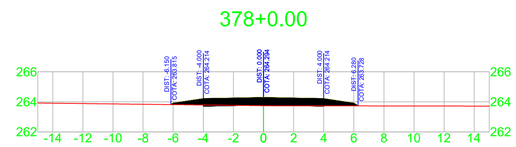


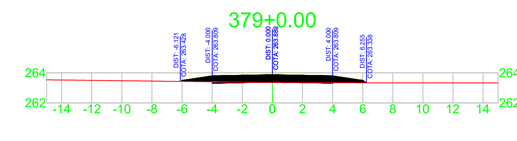


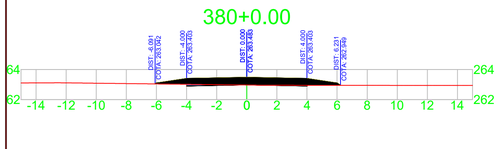


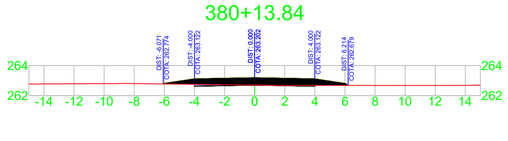












REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APR FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARANÁ
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

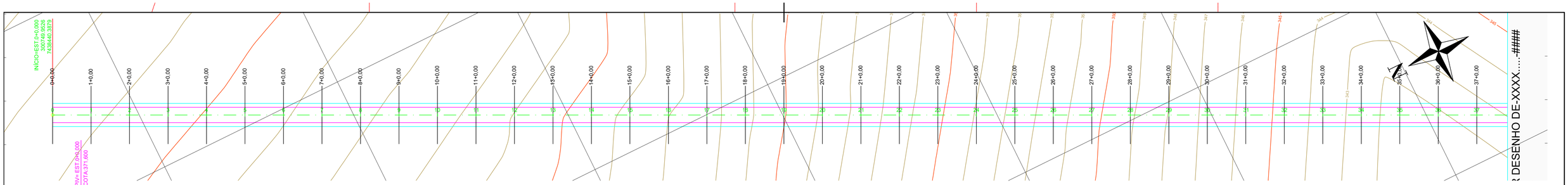
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FOLHA: 23/23

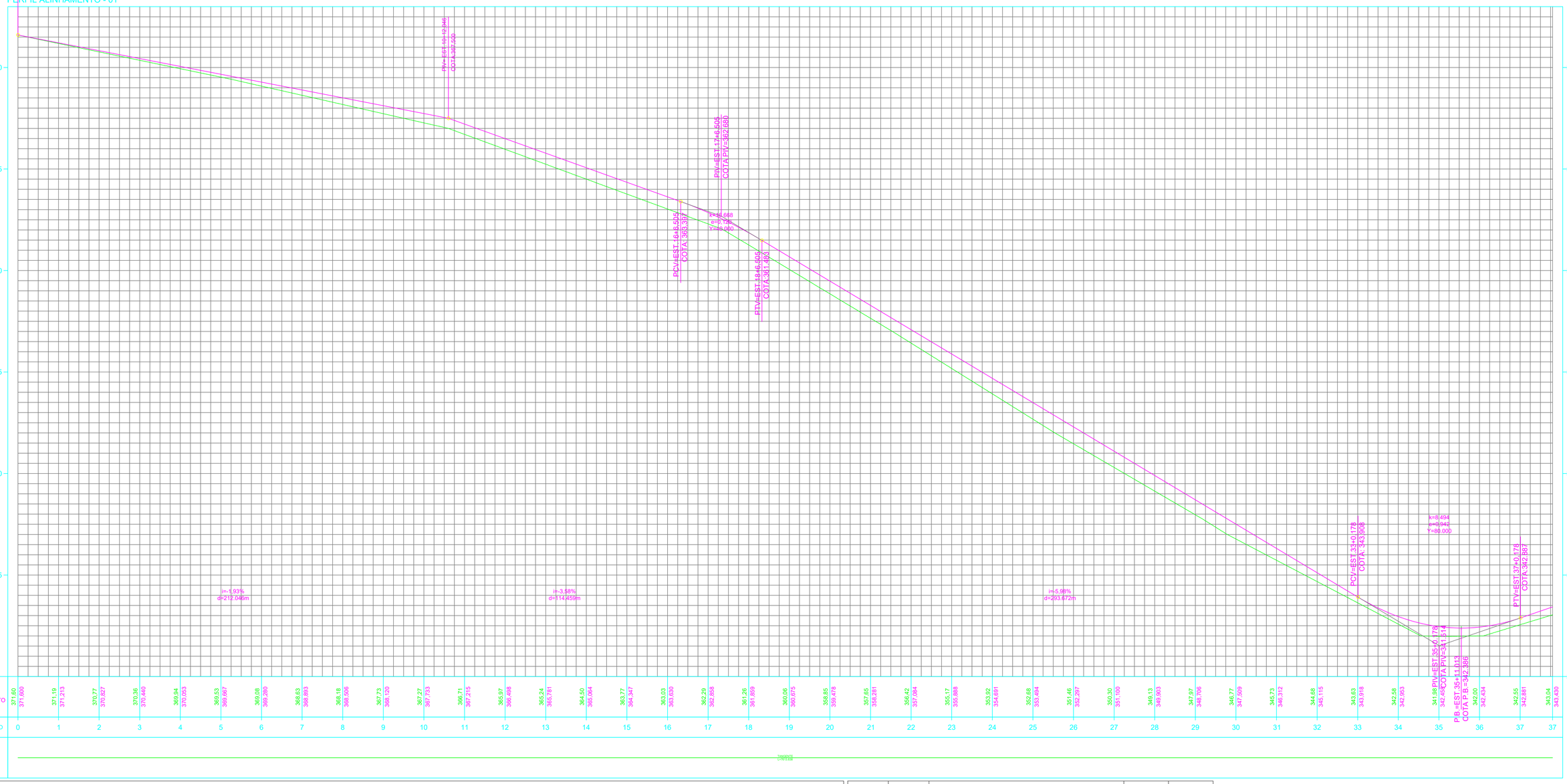
EMPRESA	RESPONSÁVEL TÉCNICO	PROJETISTA	REVISÃO
	NATAN ROCHA CREA/PR 201674/D	NATAN ROCHA CREA/PR 201674/D	Rev.00

CONTRATO	DESENHISTA	ESCALA	DATA	ARQUIVO
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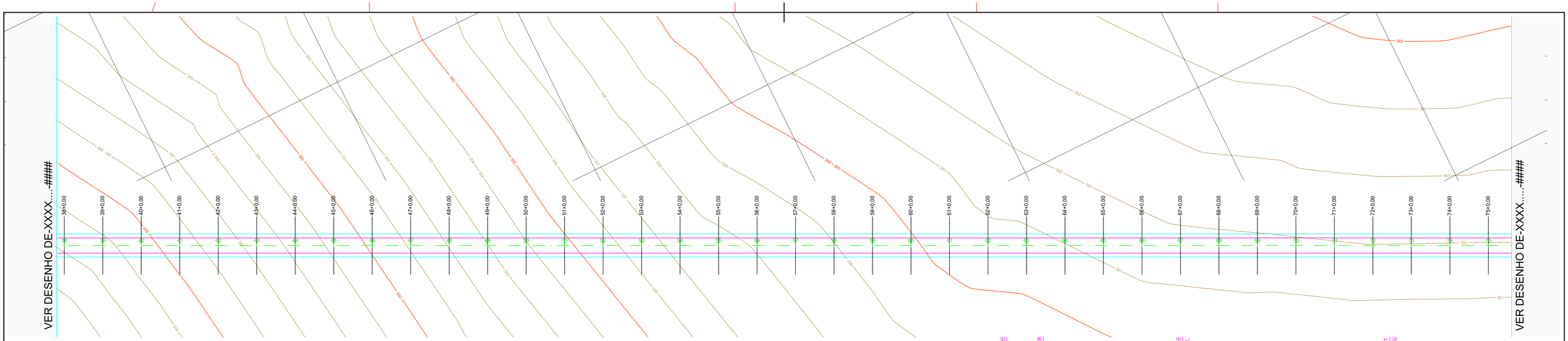
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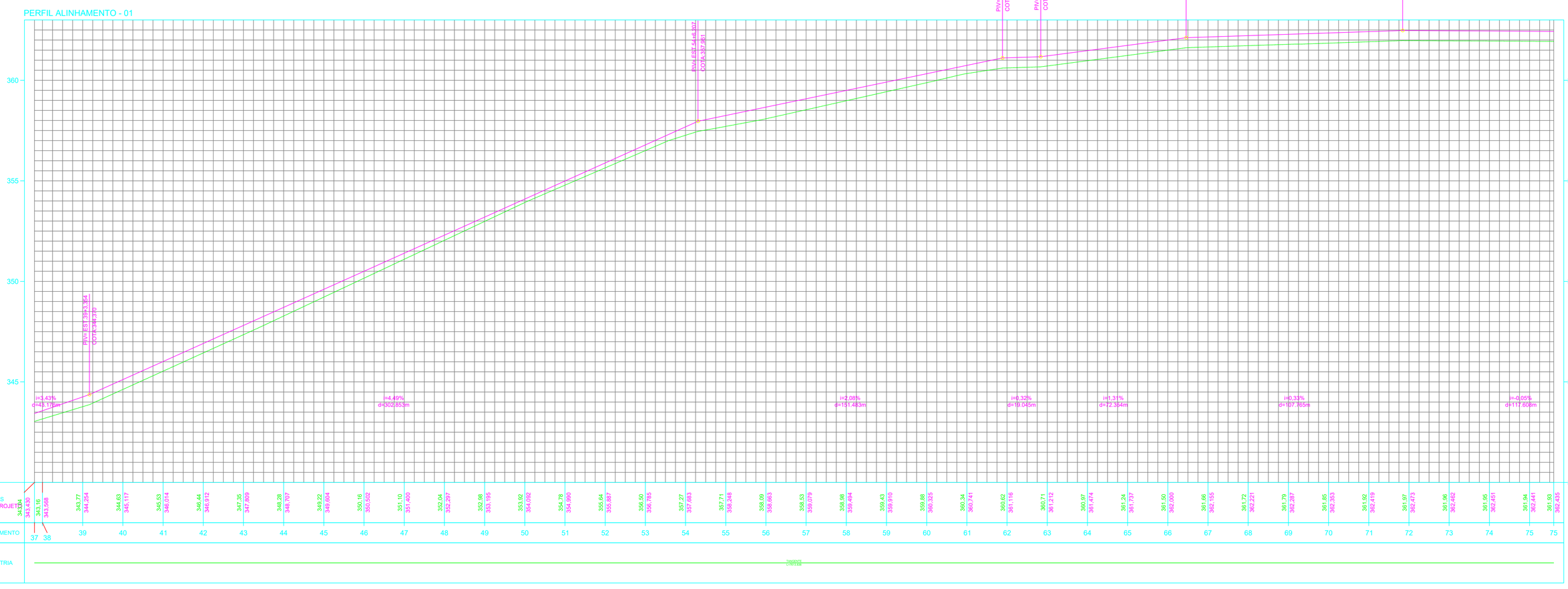


PERFIL ALINHAMENTO - 01



| | | |





LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APA FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:07:58-0300
Verifique em https://validar.iti.gov.br

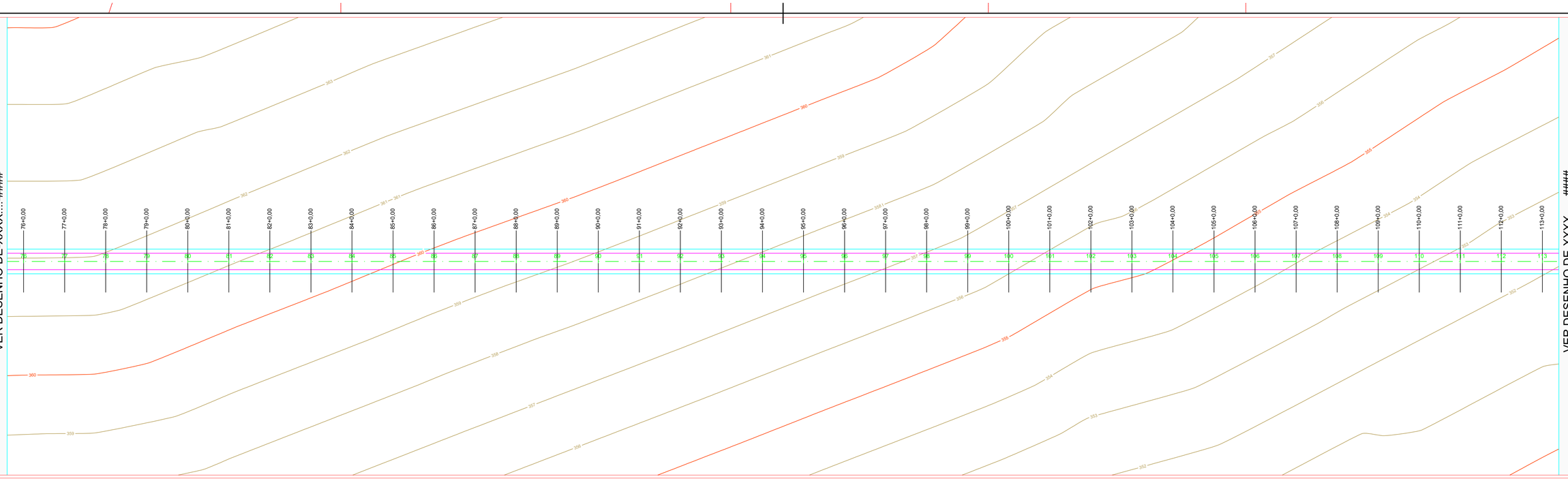
FOLHA: 02/23

EMPRESA	RESPONSÁVEL TÉCNICO	PROJETISTA	REVISÃO
	NATAN ROCHA CREA/PR 201674/D	NATAN ROCHA CREA/PR 201674/D	Rev.00

CONTRATO	DESENHISTA	ESCALA	DATA	ARQUIVO
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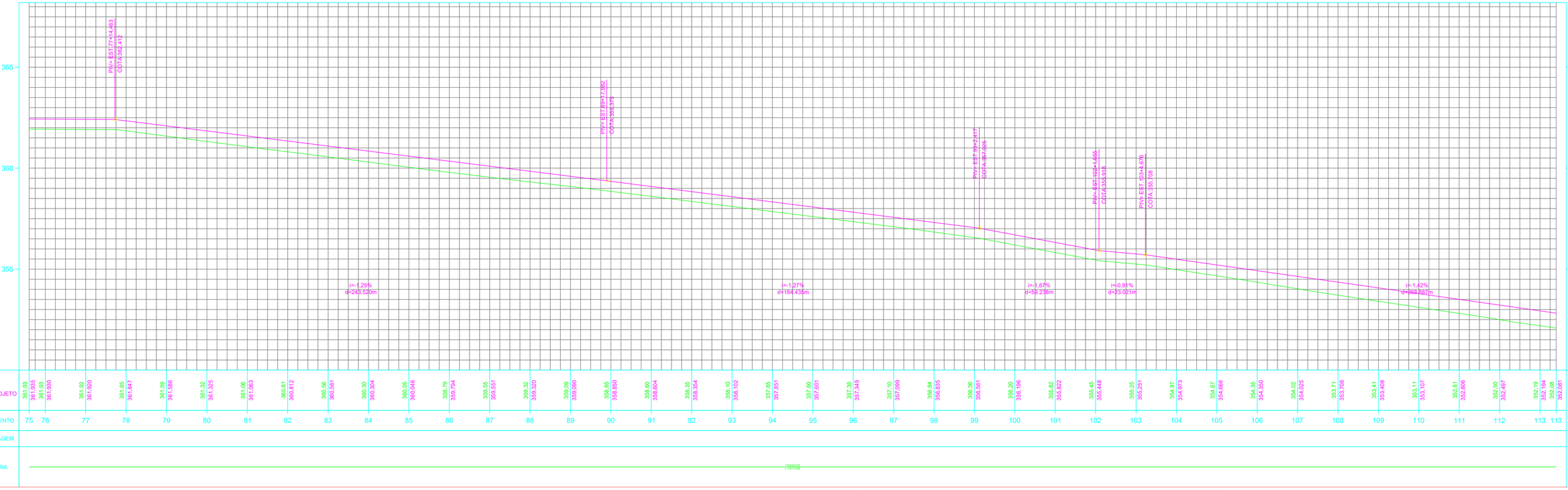
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VER DESENHO DE-XXXX....-####



VER DESENHO DE-XXXX....-####

PERFIL ALINHAMENTO - 01



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ESTAQUEAMENTO	75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 113
QUILOMETRAGEM	
PLANIMETRIA	TANGENTE CONSTANTE

LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APA FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

gov.br Documento assinado digitalmente
NATAN VITOR ROCHA DA SILVA
Data: 26/08/2026 20:07:58-0300
Verifique em https://validar.iti.gov.br

FOLHA: 03/23

EMPRESA

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

DESENHISTA: NATAN ROCHA

ESCALA: 1:1000

DATA: 07/08/2026

ARQUIVO: ALINHAMENTO 01 -03

FORMATO A1 (841X594mm)

VER DESENHO DE-XXXX....-####

VER DESENHO DE-XXXX....-####

PERFIL ALINHAMENTO - 01

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COTA 351,888

PIV= EST. 120+3,686
COTA 352,276

PIV= EST. 120+11,994
COTA 352,074

PIV= EST. 135+7,206
COTA 350,195

PIV= EST. 135+14,806
COTA 347,500

PIV= EST. 148+12,885
COTA 341,931

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ESTAQUEAMENTO	113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 151
PLANIMETRIA	TANGENTE LOTEAR

LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA ARS FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

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NATAN VITOR ROCHA DA SILVA
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FOLHA: 04/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

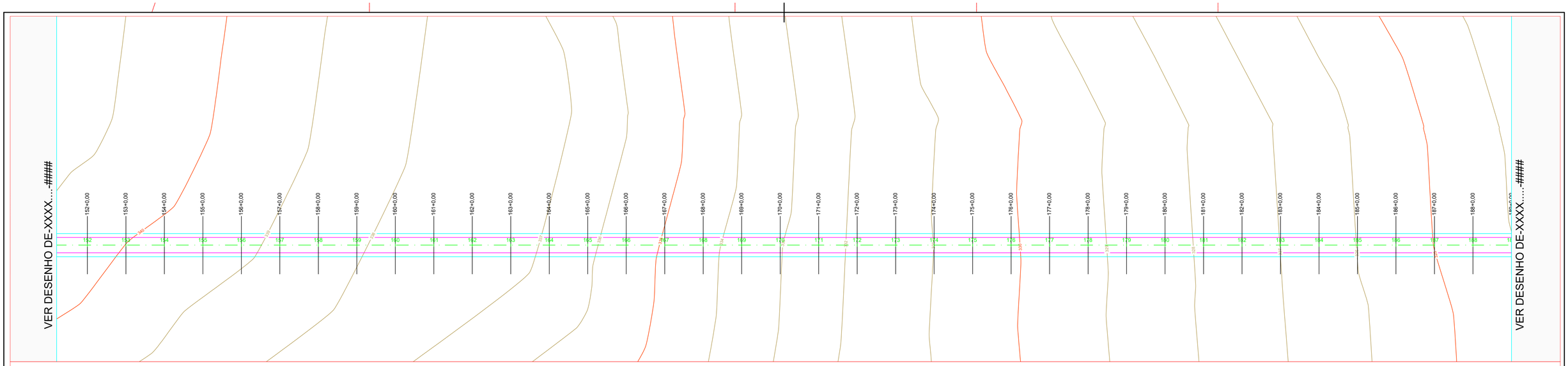
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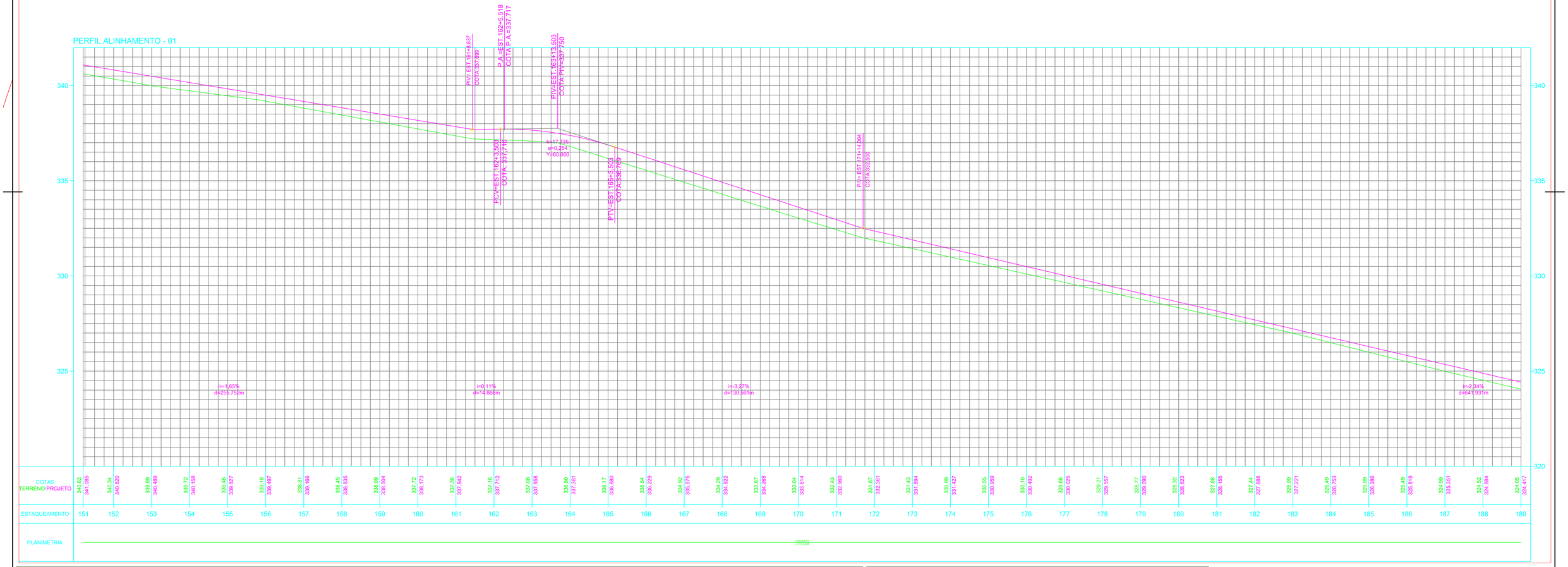
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LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APA FEDERAL DO NOROESTE DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

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FOLHA: 05/23

EMPRESA:

RESPONSÁVEL TÉCNICO: NATAN ROCHA CREA/PR 201674/D

PROJETISTA: NATAN ROCHA CREA/PR 201674/D

REVISÃO: Rev.00

CONTRATO: 000/0000

DESENHISTA: NATAN ROCHA

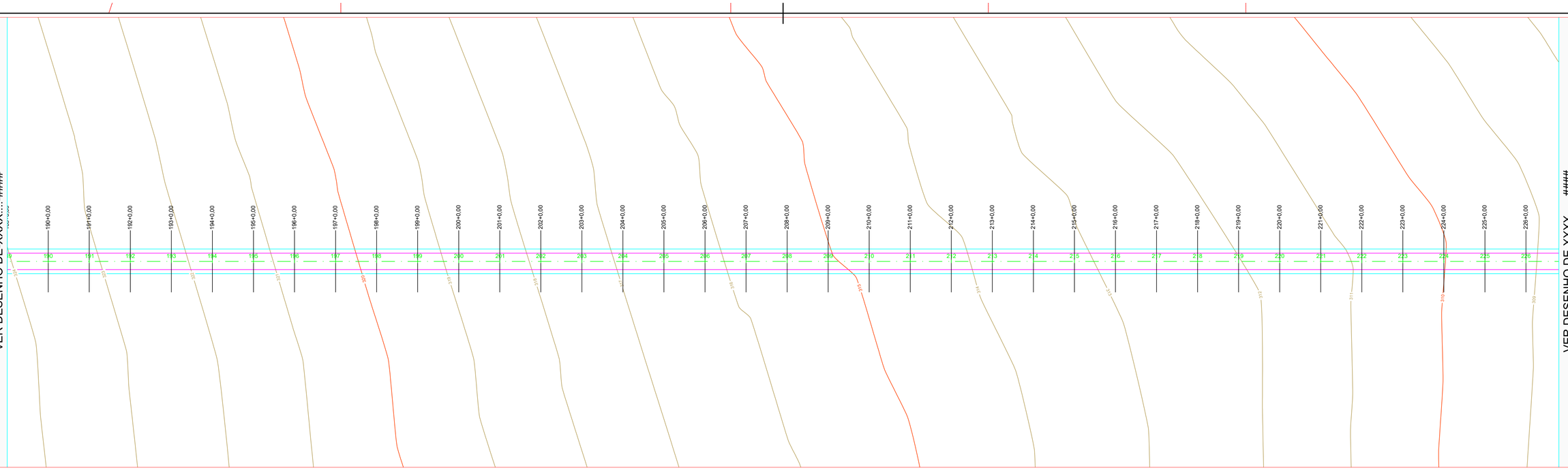
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ARQUIVO: ALINHAMENTO 01 -05

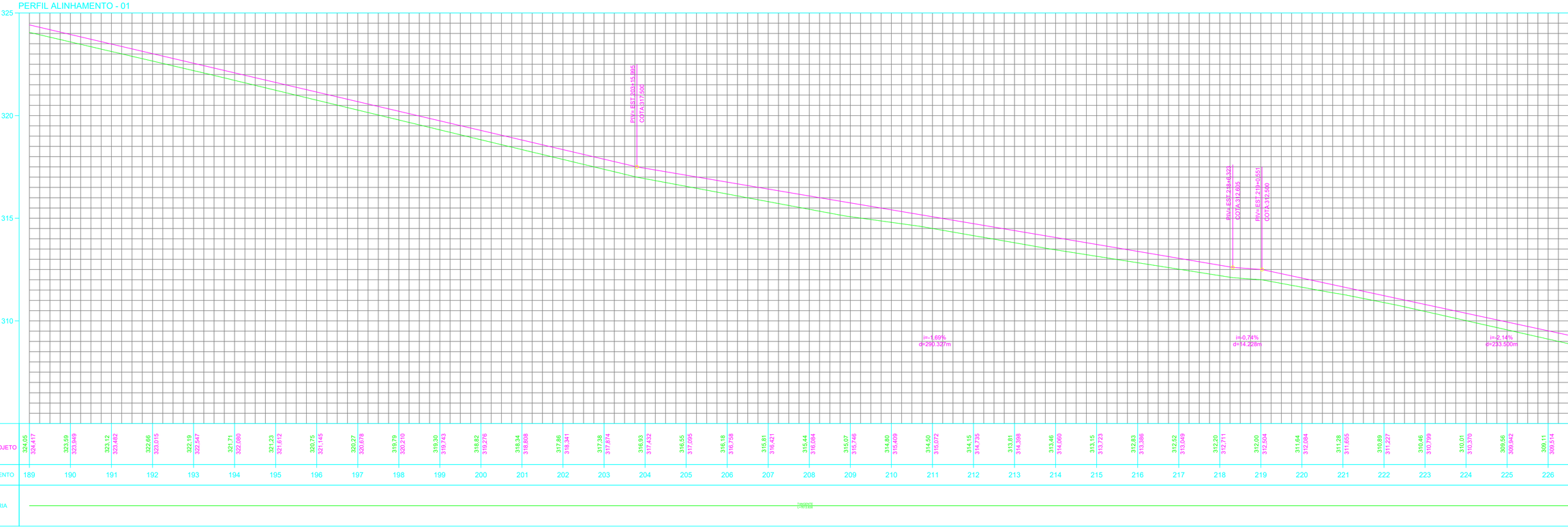
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VER DESENHO DE-XXXX....####



VER DESENHO DE-XXXX....####

PERFIL ALINHAMENTO - 01



LEGENDA

- GRAMA BORDO DO PAVIMENTO
- PERFIL TERRENO NATURAL
- PERFIL PROJETO
- EIXO PROPOSTO (GREIDE)
- 1 2 3 ... ESTACAS
- CORTE
- ATERRO
- PISTA ACABADA
- CURVA MESTRA
- CURVA INTERMEDIÁRIA

REVISÃO	DATA	DESCRIÇÃO	AUTORIA	VERIFICAÇÃO

NOTAS:

COMAFEN
CONSÓRCIO INTERMUNICIPAL DA APA FEDERAL DO IGARAPÉS DO PARANÁ

Rodovia: ESTRADA DA GAUCHINHA
Trecho: PLANALTINA DO PARAN,Á
Subtrecho: RURAL

SERVIÇO: TERRAPLANAGEM

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FOLHA: 06/23

EMPRESA	RESPONSÁVEL TÉCNICO	PROJETISTA	REVISÃO
	NATAN ROCHA CREA/PR 201674/D	NATAN ROCHA CREA/PR 201674/D	Rev.00

CONTRATO	DESENHISTA	ESCALA	DATA	ARQUIVO
000/0000	NATAN ROCHA	1:1000	07/08/2026	ALINHAMENTO 01 -06

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