

QUADRO DE ORIGEM E DESTINO DOS MATERIAIS ESCAVADOS

[illegible]

Legenda:

- 1) C = Corte
2) AT = Aterro
3) RS = Remoção de solos inadequados
4) ATC = Aterro Ciclovía
5) BF = Bota-fora
6) ATPLD = Aterro de Passeio Lado Direito
7) ATPLE = Aterro de Passeio Lado Esquerdo
8) CC = Corte de Ciclovía
9) RB = Rebaixamento
10) ATRB = Aterro de Rebaixamento

QUADRO DE ORIGEM E DESTINO DOS MATERIAIS ESCAVADOS

O R I G E M									D E S T I N O								
DESIGNAÇÃO	LOCALIZAÇÃO			VOLUMES ESCAVADOS (m3)					DESTINO DOS MATERIAIS					D M T (m)			
	km	ao	km	CM	TOTAL	1a CAT.	2a CAT.	3a CAT.	km	ao	km	UTILIZAÇÃO	CM	1a CAT.	2a CAT.	3a CAT.	
AVENIDA BRASIL																	
C - 01	0+000	ao	0+500	0+262,13	1.055	6			A-01	0+000	ao	0+500	AT	0+353,42	91		
						100			ATPLE	0+000	ao	0+500	AT	0+250	12		
						100			ATPLD	0+000	ao	0+500	AT	0+250	12		
						849			BF	À 3424 do trecho			BF		5.201		
C-02	0+500	ao	1+000	0+747,56	1.031	1			A-02	0+500	ao	1+000	AT	0+890,16	143		
						100			ATPLE	0+500	ao	1+000	AT	0+750	2		
						100			ATPLD	0+500	ao	1+000	AT	0+750	2		
						830			BF	À 3424 do trecho			BF		4.716		
C-03	1+000	ao	1+500	1+269,60	1.072	0											
						100			ATPLE	1+000	ao	1+500	AT	1+250	20		
						100			ATPLD	1+000	ao	1+500	AT	1+250	20		
						872			BF	À 3424 do trecho			BF		4.194		
C-04	1+500	ao	2+039,48	1+815,34	952	5			A-03	1+500	ao	2+039,48	AT	1+890,00	75		
						100			ATPLE	1+500	ao	2+039,48	AT	1+769,74	46		
						100			ATPLD	1+500	ao	2+039,48	AT	1+769,75	46		
						746			BF	À 3424 do trecho			BF		3.648		
					4.109	4.109											
Legenda: 1) C = Corte 2) AT = Aterro 3) RS = Remoção de solos inadequados 4) ATC = Aterro Ciclovia 5) BF = Bota-fora 6) ATPLD = Aterro de Passeio Lado Direito 7) ATPLE / LD = Aterro de Passeio Lado Esquerdo e Lado Direito 8) CC = Corte de Ciclovia 9) RB = Rebaixamento																	

QUADRO DE ORIGEM E DESTINO DOS MATERIAIS ESCAVADOS

[illegible]

QUADRO DE ORIGEM E DESTINO DOS MATERIAIS ESCAVADOS

[illegible]

Legenda:

- | | | |
|--------------------------------------|---|--|
| 1) C = Corte | 4) ATC = Aterro Ciclovía | 7) ATPLE = Aterro de Passeio Lado Esquerdo |
| 2) AT = Aterro | 5) BF = Bota-fora | 8) CC = Corte de Ciclovía |
| 3) RS = Remoção de solos inadequados | 6) ATPLD = Aterro de Passeio Lado Direito | 9) RB = Rebaixamento |

QUADRO DE ORIGEM E DESTINO DOS MATERIAIS ESCAVADOS									
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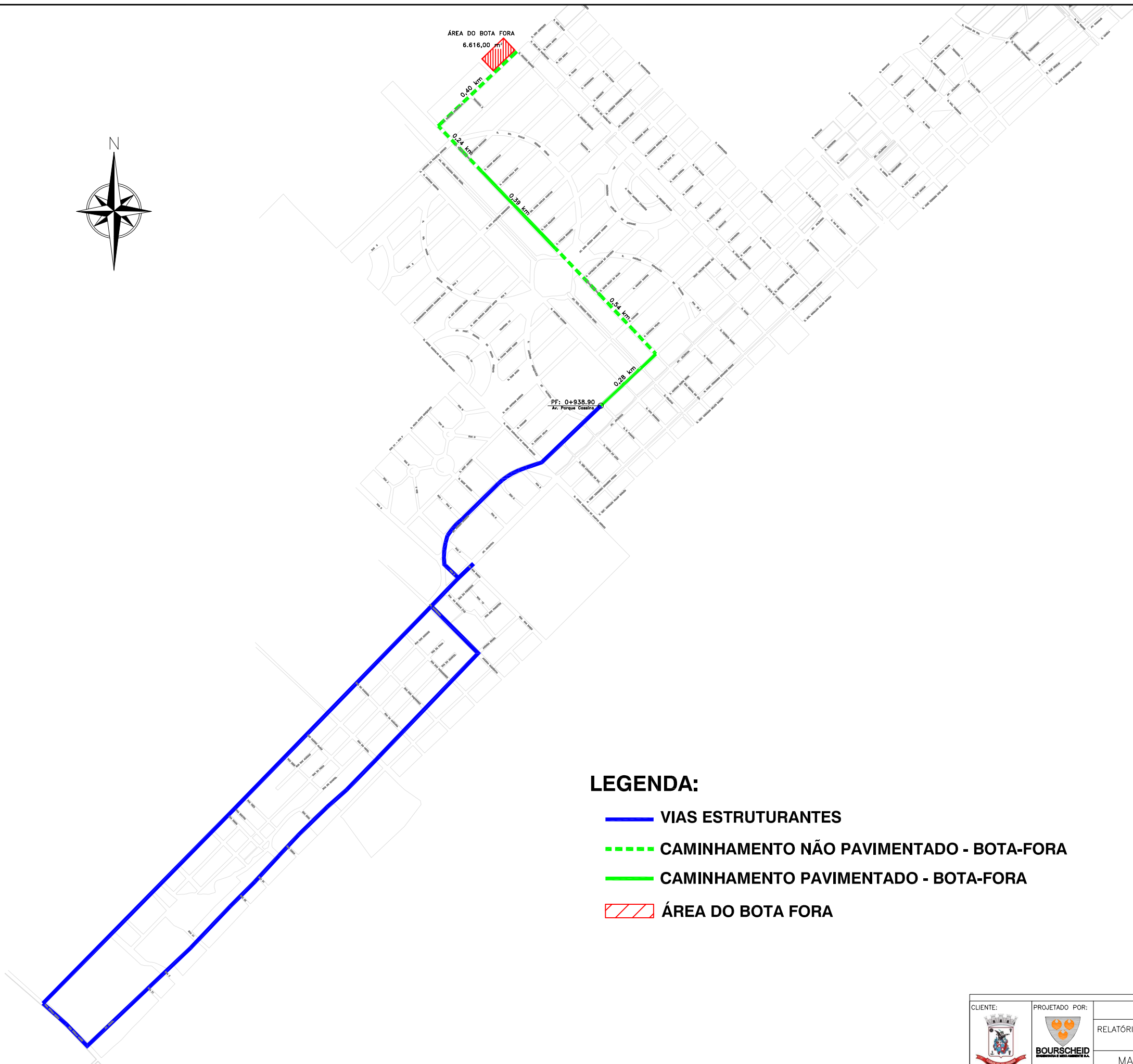
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QUADRO DE ORIGEM E DESTINO DOS MATERIAIS ESCAVADOS





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Legenda:

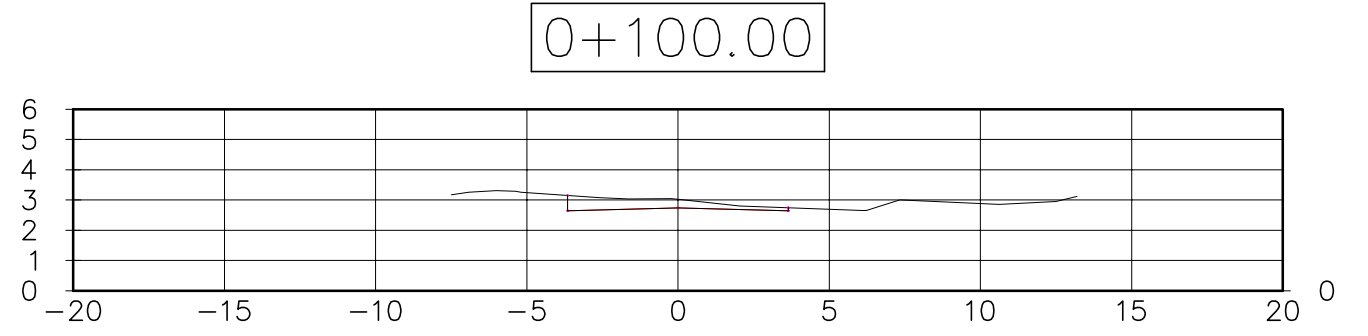
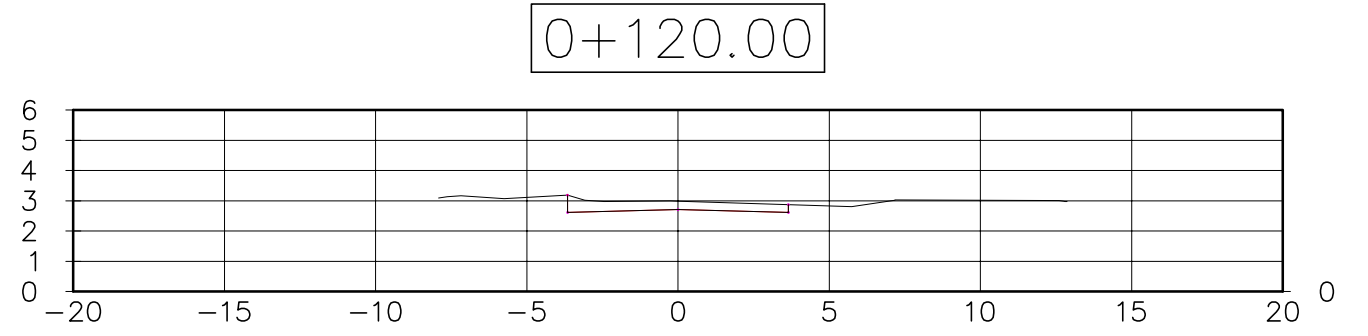
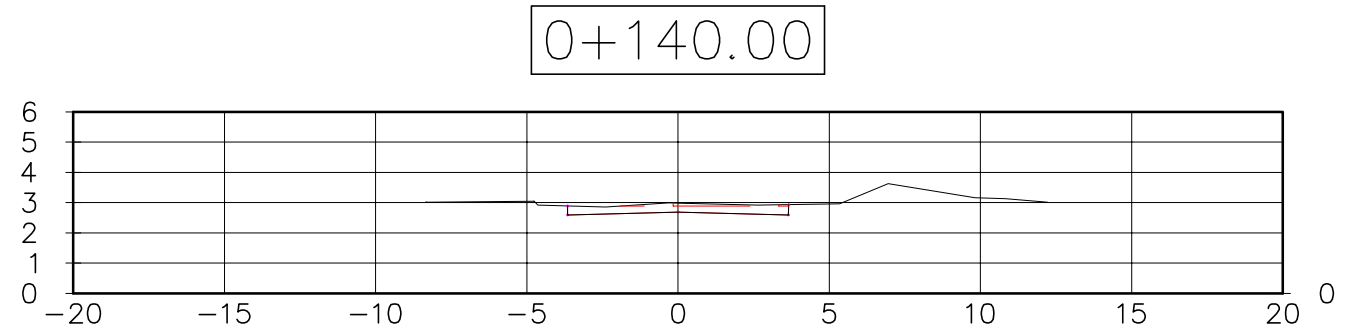
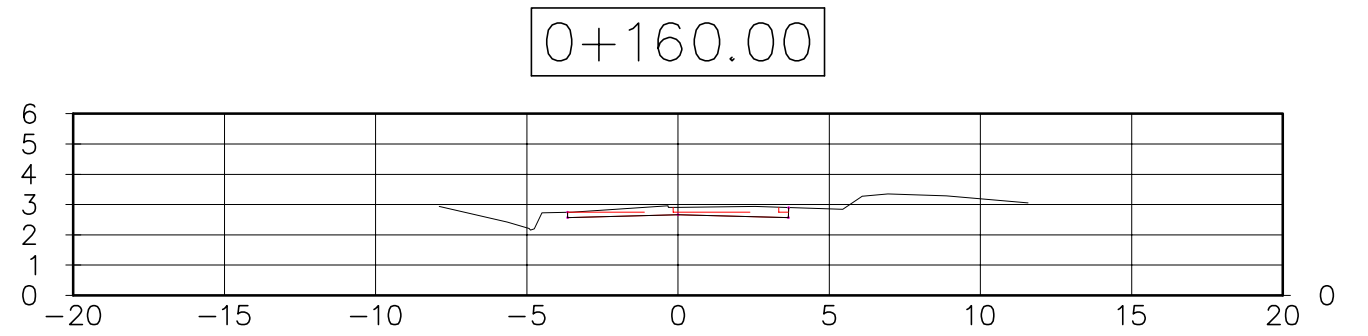
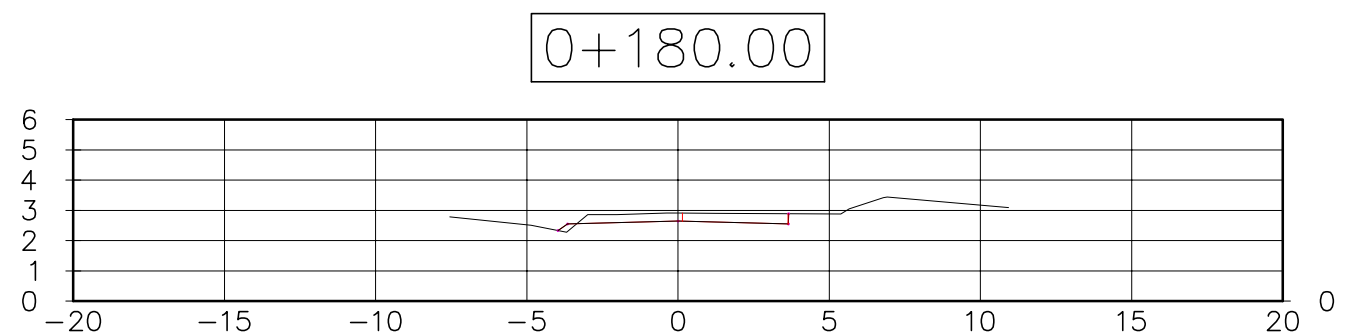
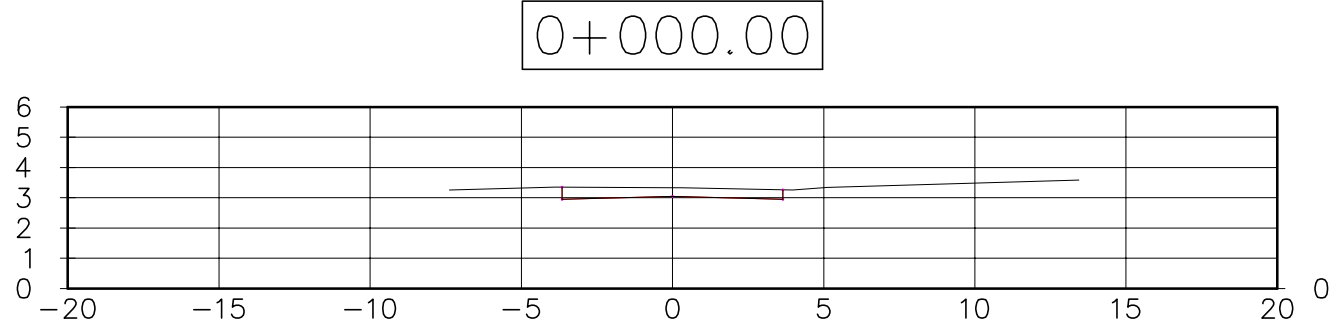
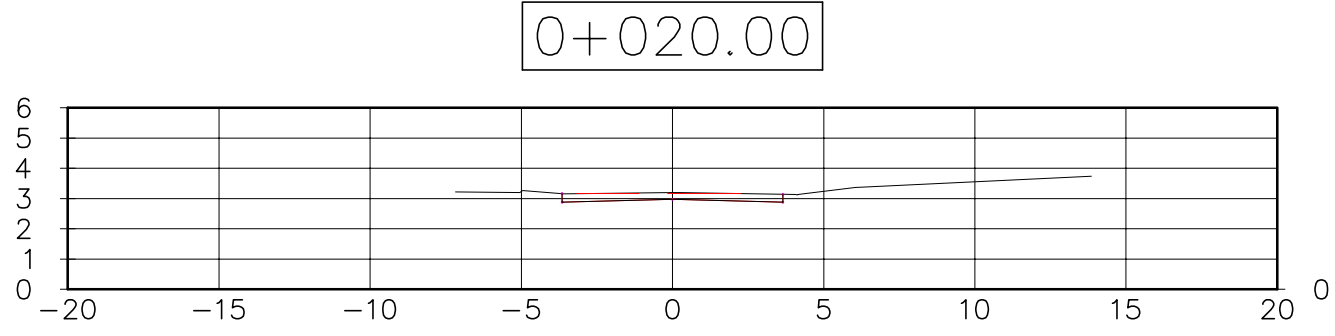
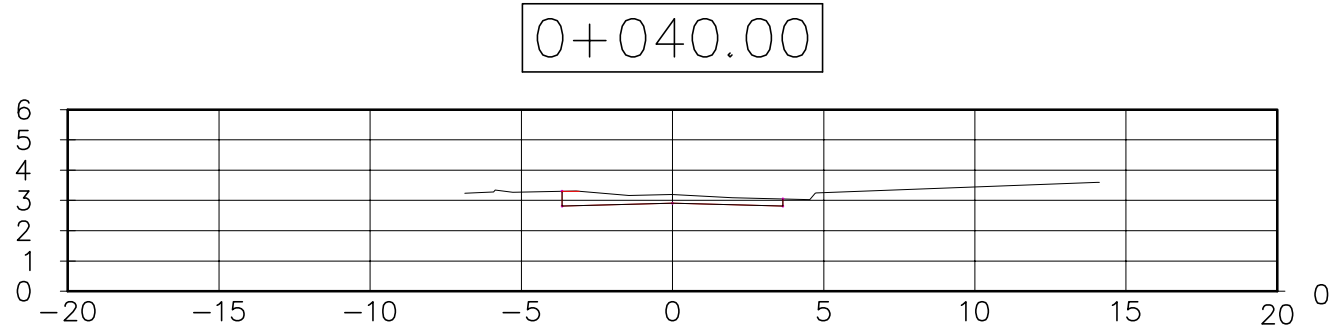
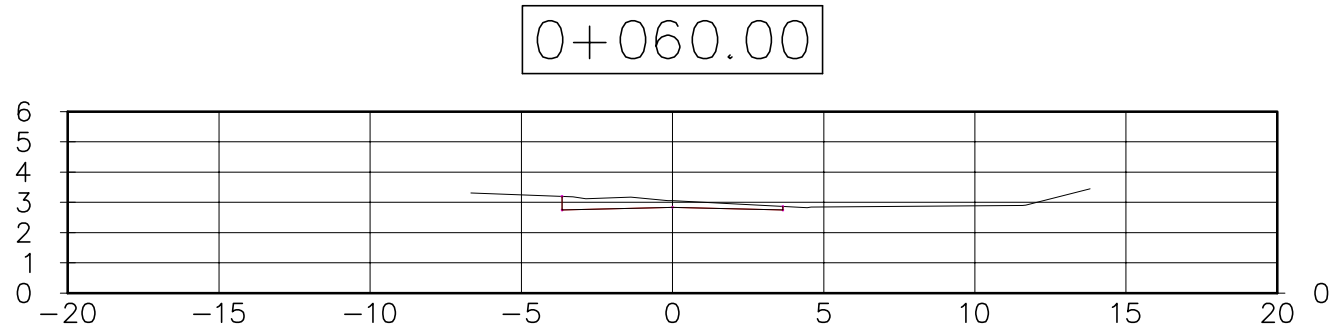
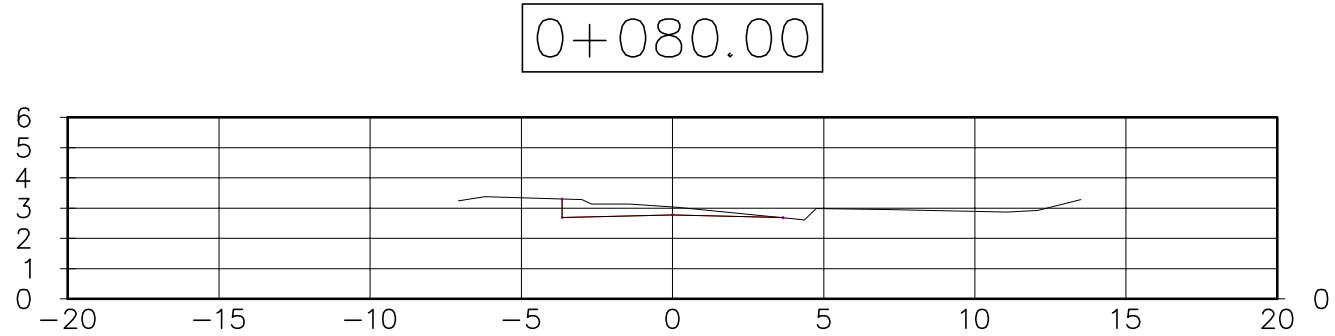
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|--------------------------------------|---|--|
| 1) C = Corte | 4) ATC = Aterro Ciclovía | 7) ATPLE = Aterro de Passeio Lado Esquerdo |
| 2) AT = Aterro | 5) BF = Bota-fora | 8) CC = Corte de Ciclovía |
| 3) RS = Remoção de solos inadequados | 6) ATPLD = Aterro de Passeio Lado Direito | 9) RB = Rebaixamento |




LEGENDA:

-  VIAS ESTRUTURANTES
-  CAMINHAMENTO NÃO PAVIMENTADO - BOTA-FORA
-  CAMINHAMENTO PAVIMENTADO - BOTA-FORA
-  ÁREA DO BOTA FORA

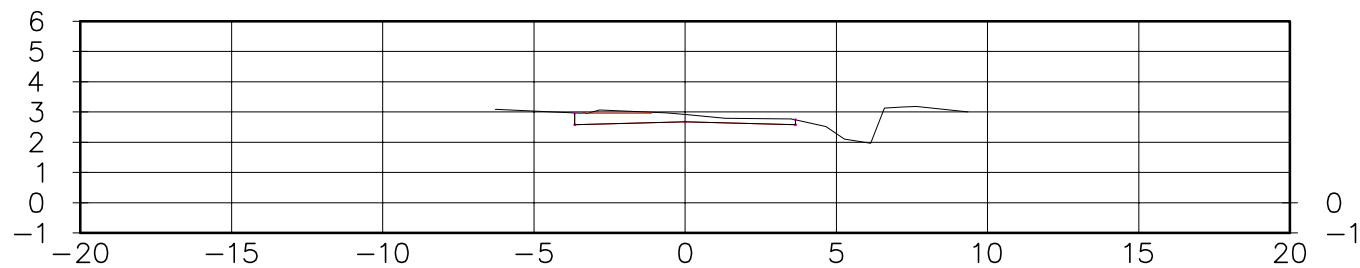
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		RELATÓRIO DOS PROJETOS DE INFRAESTRUTURA DE ENGENHARIA PRAIA DO CASSINO EM RIO GRANDE/RS	ESCALA: S/ESCALA
		MAPA DE LOCALIZAÇÃO DO BOTA FORA	PT-01



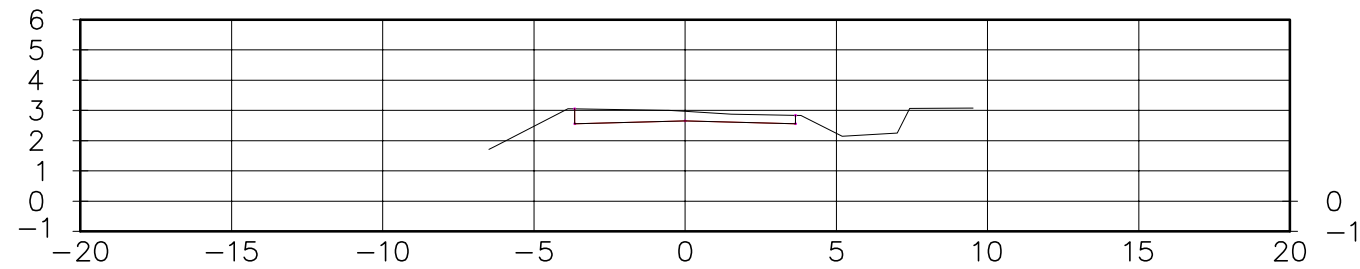
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE			
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		ESCALA:
	BALNEÁRIO CASSINO – RIO GRANDE/RS		1:250
	SEÇÃO TRANSVERSAL		DATA:
	AVENIDA ATLÂNTICA		AGOSTO/2015
PRANCHA:			
ST-01			

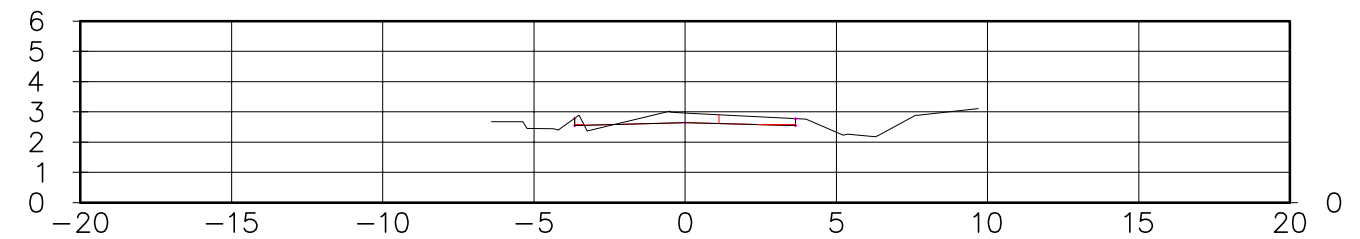
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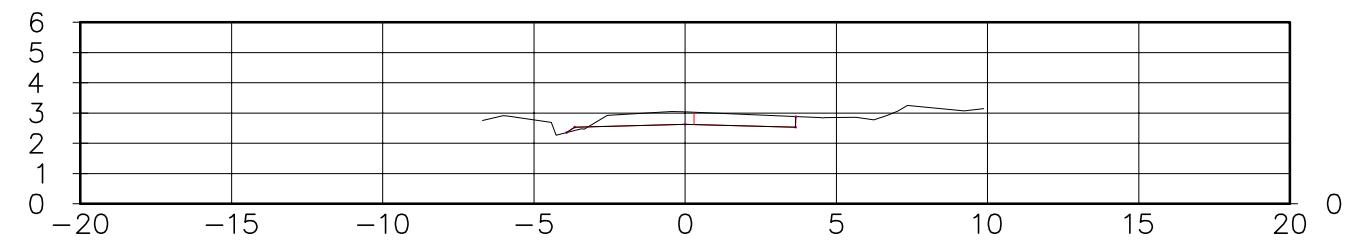
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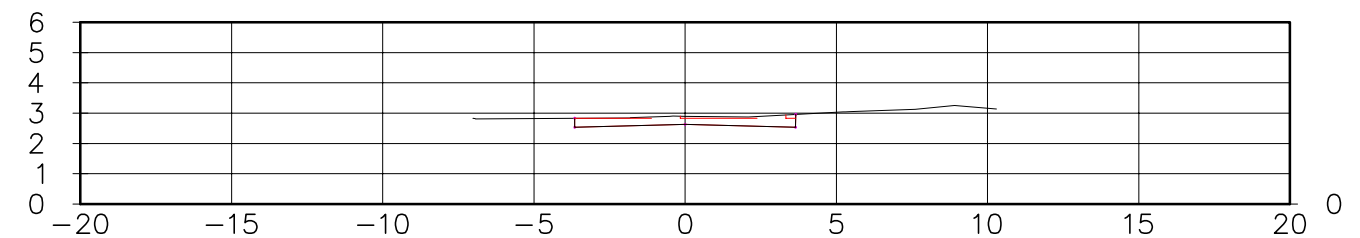
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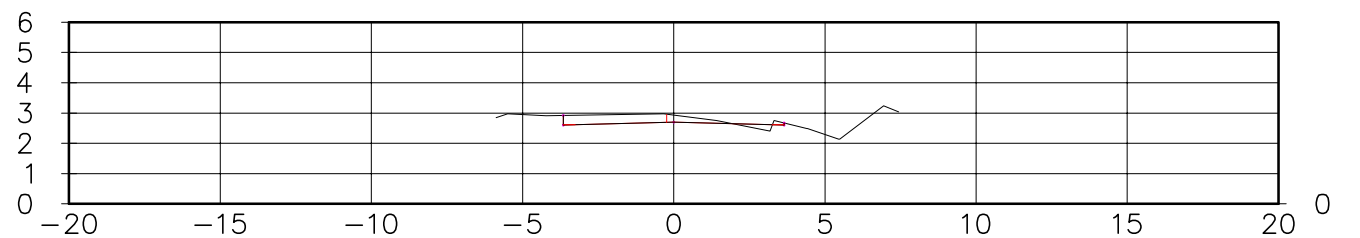
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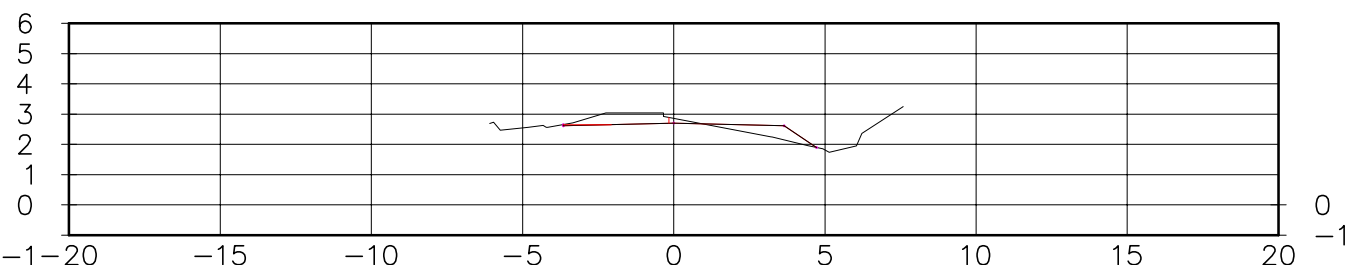
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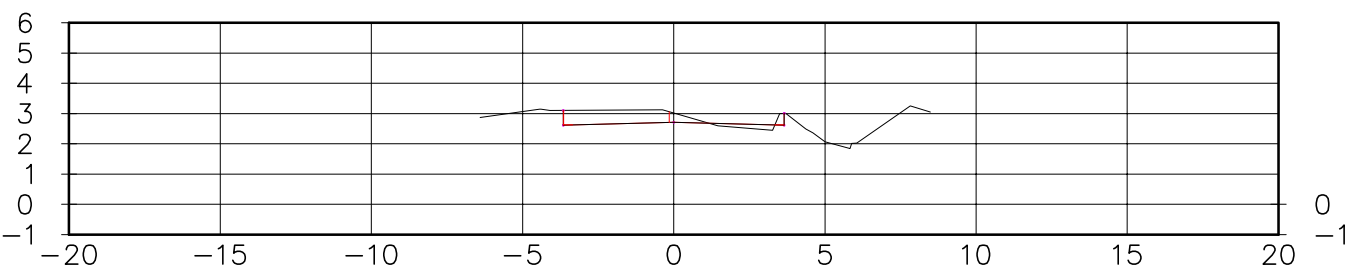
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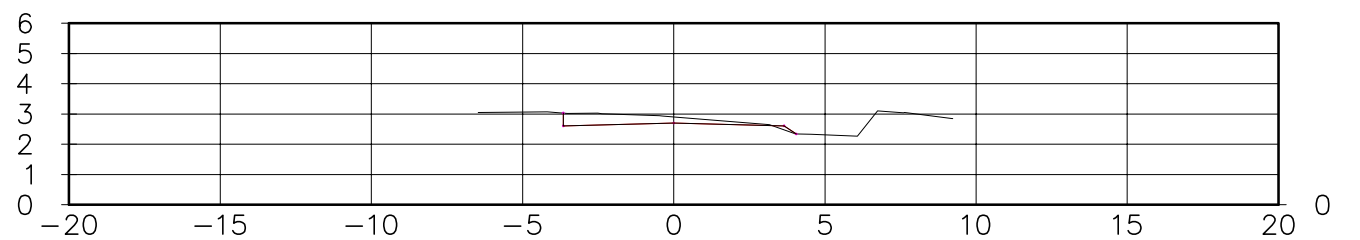
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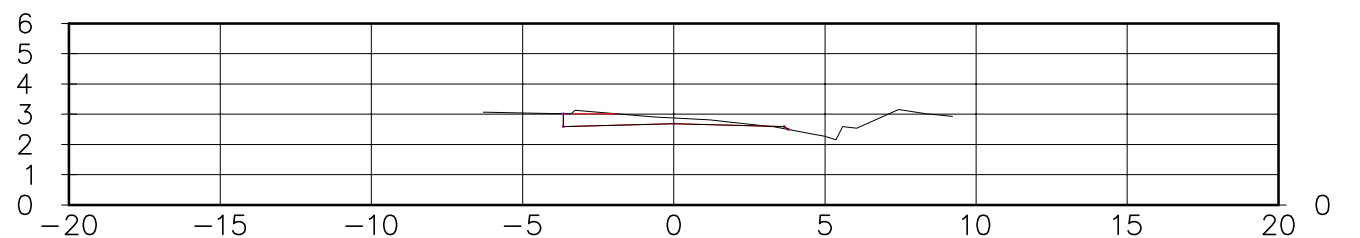
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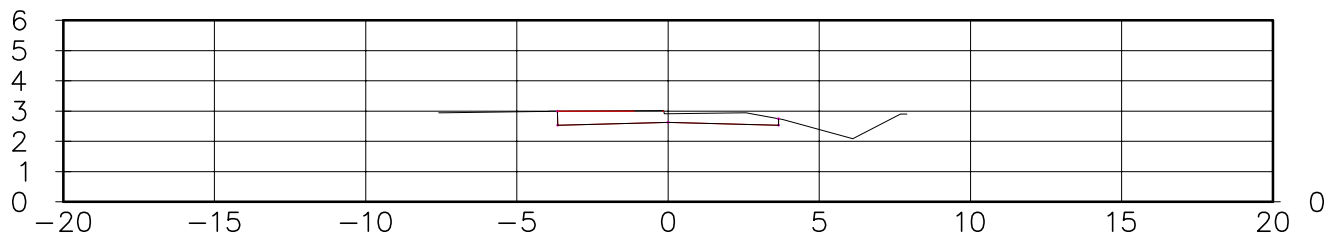
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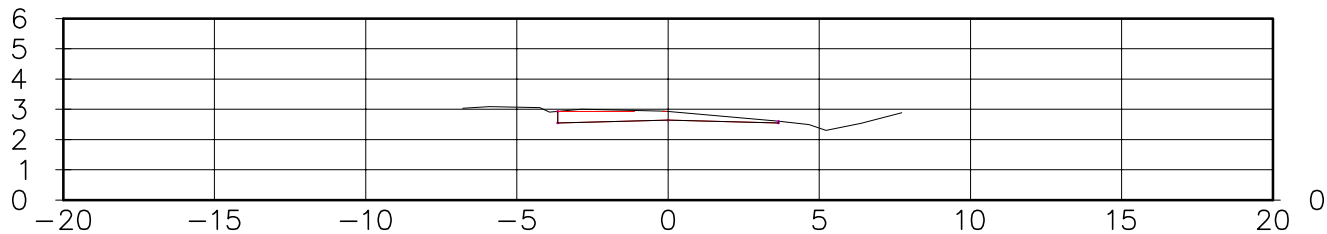
	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED	CYLLON F. ROSA NETO	DARLAN TOMAZINI
	CREA 9.409	CREA 44.757	CREA 149.154

	PREFEITURA MUNICIPAL DE RIO GRANDE		ESCALA:
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA - FASE 1		1:250
	BALNEÁRIO CASSINO - RIO GRANDE/RS		DATA:
	SEÇÃO TRANSVERSAL		AGOSTO/2015
AVENIDA ATLÂNTICA		PRANCHA:	ST-02

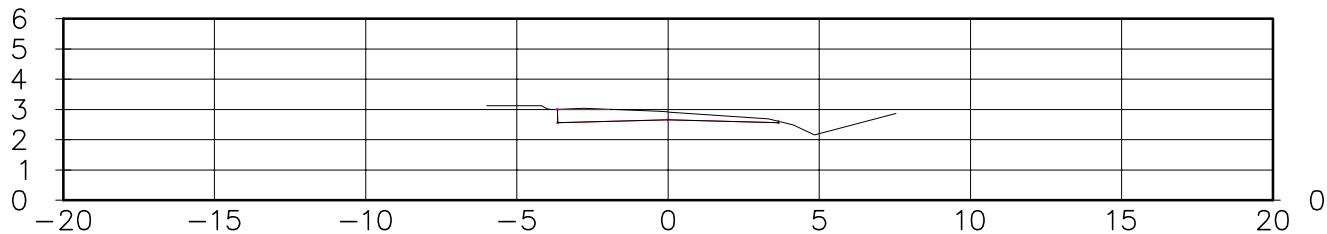
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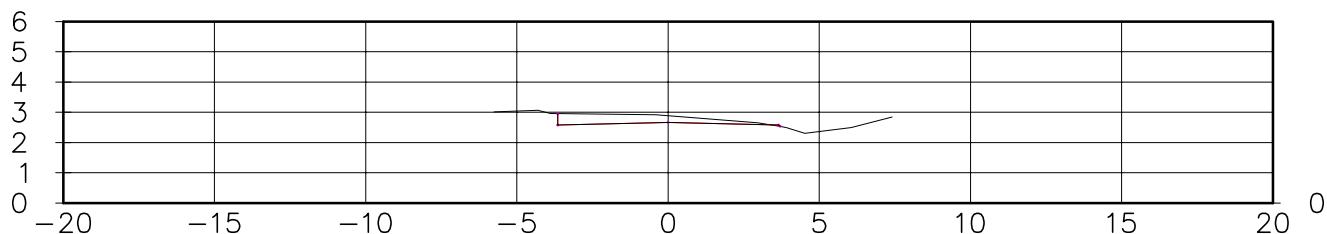
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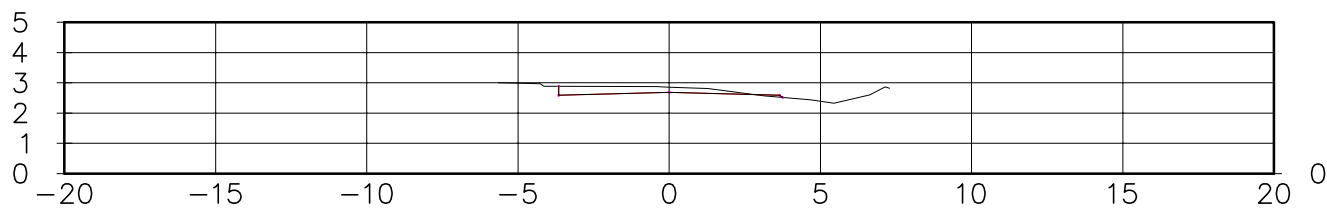
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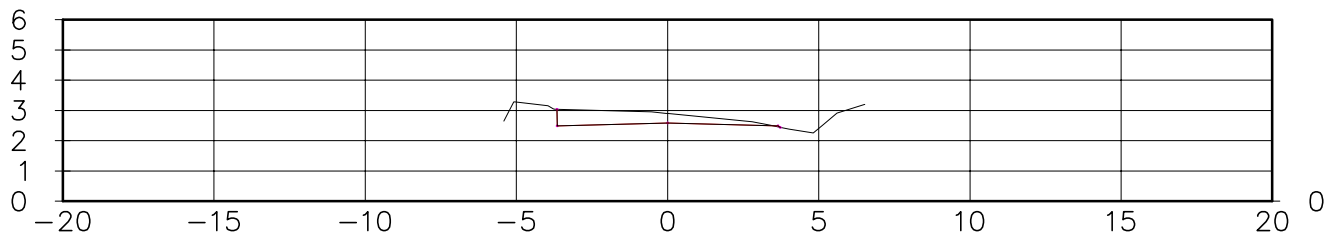
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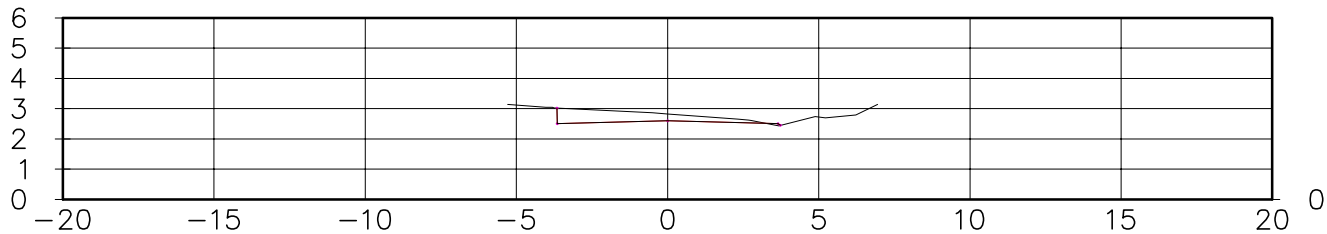
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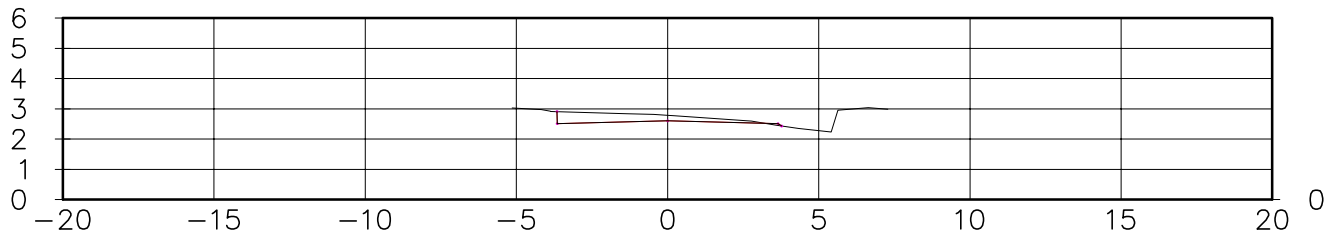
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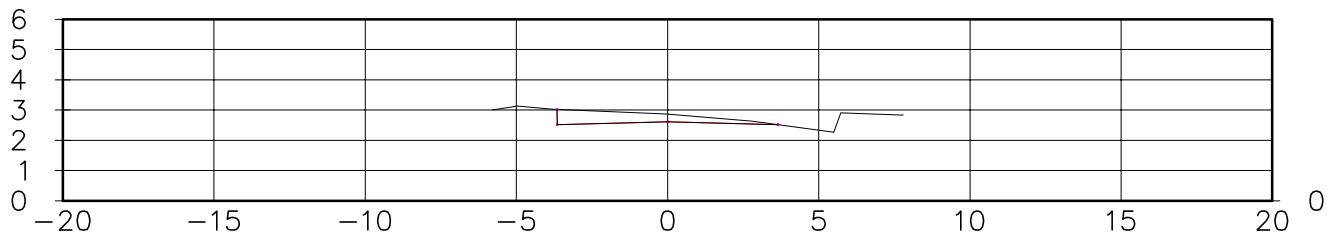
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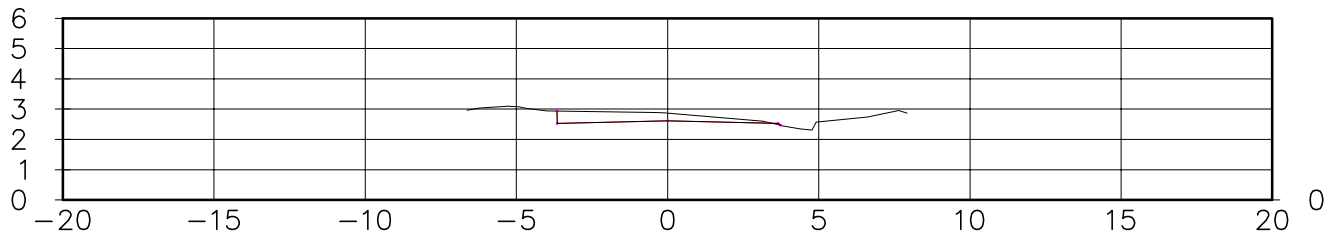
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0+ 520.00



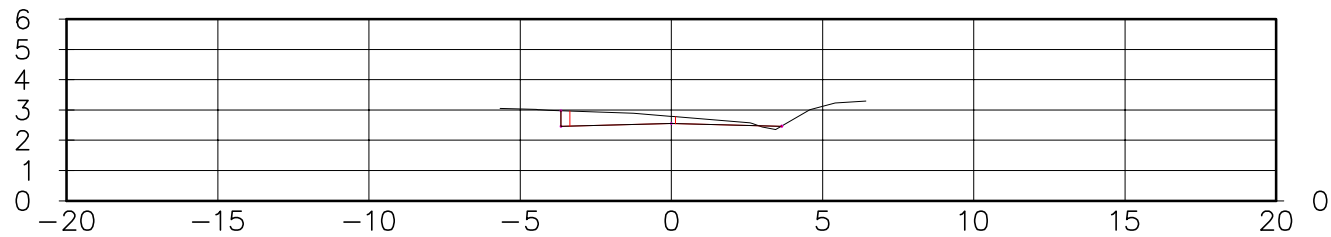
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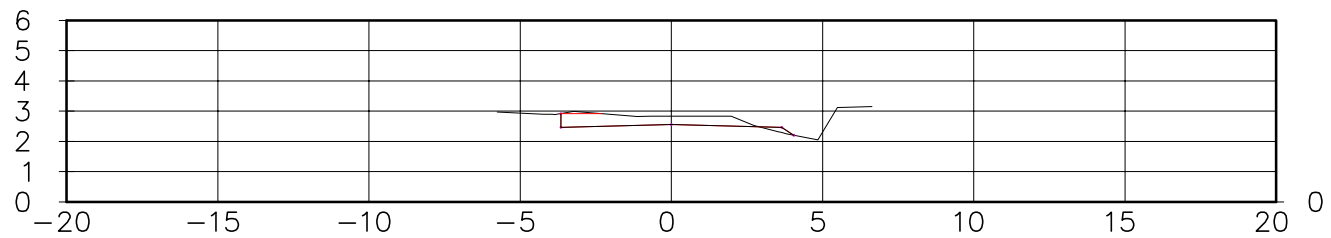
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 86.116

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA ATLÂNTICA		
	ESCALA: 1:250 DATA: AGOSTO/2015 PRANCHA: ST-03	

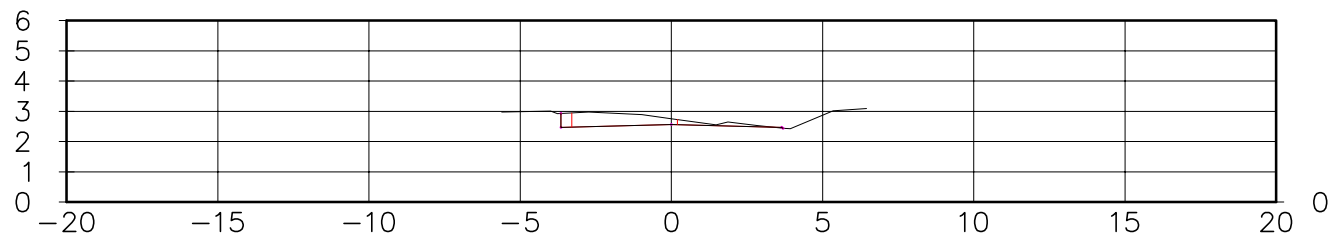
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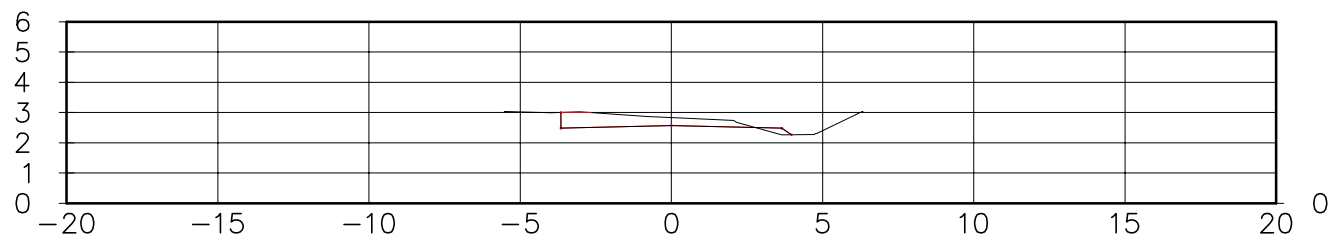
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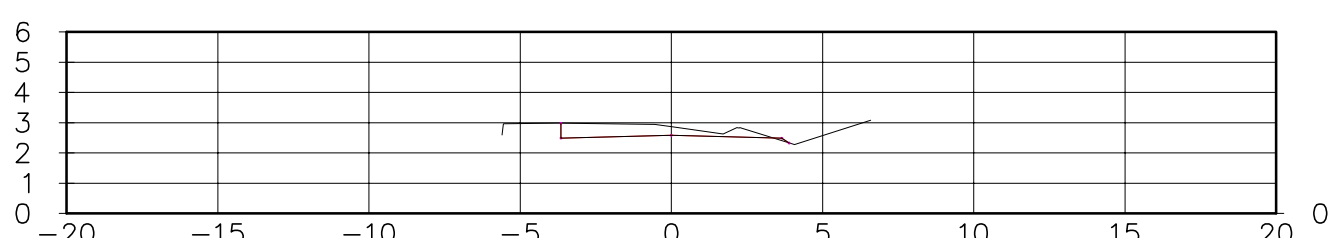
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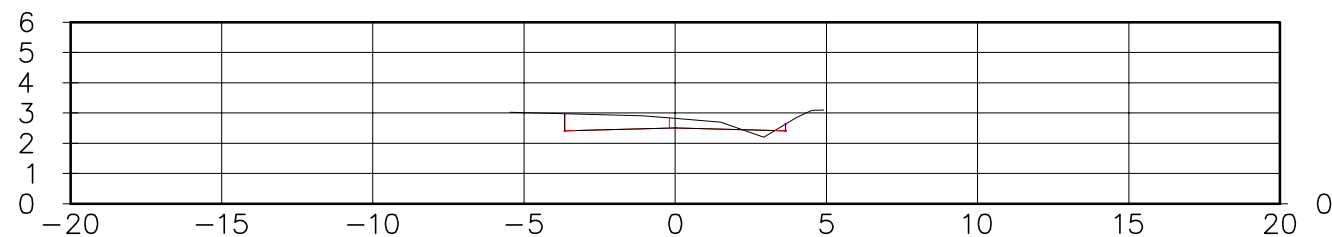
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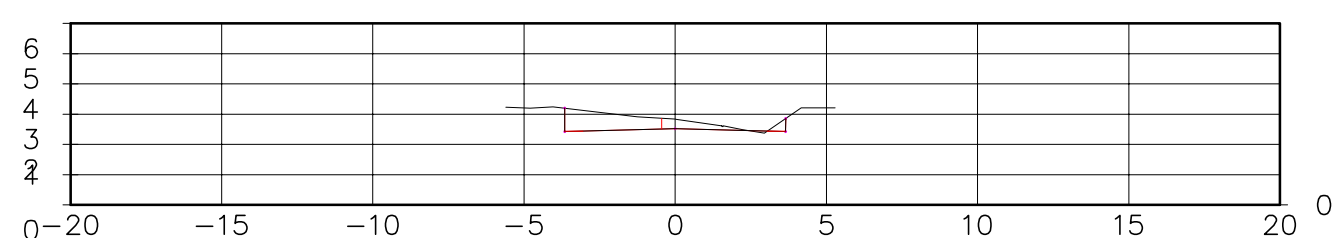
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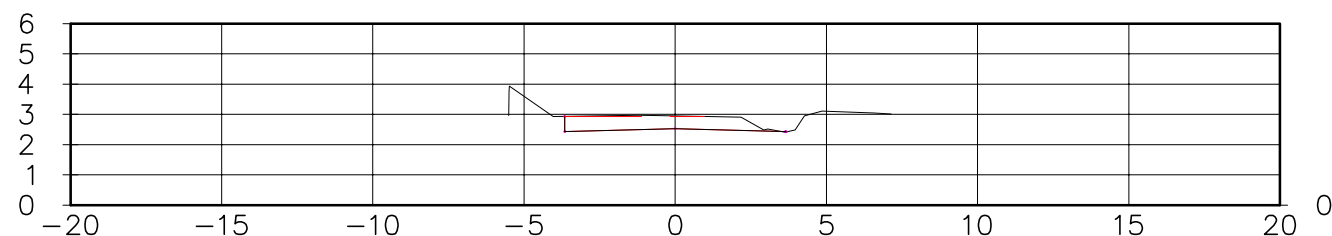
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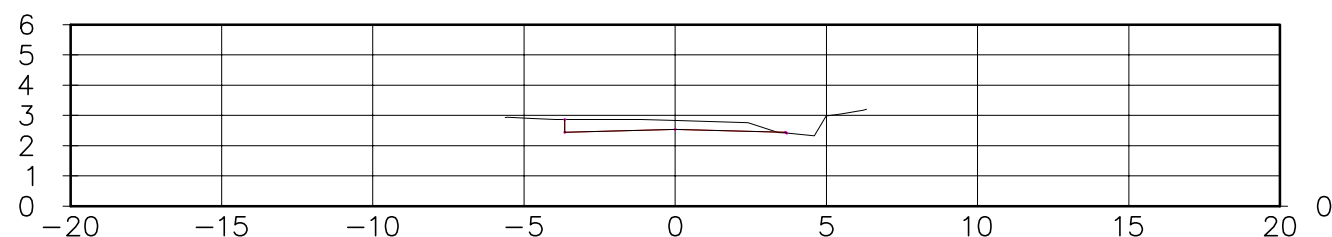
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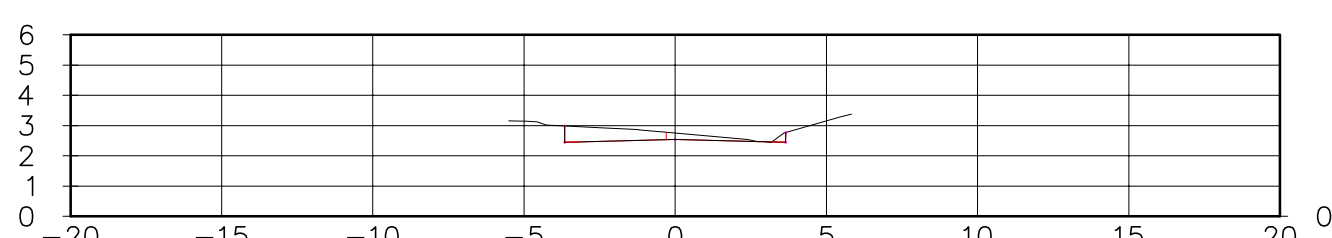
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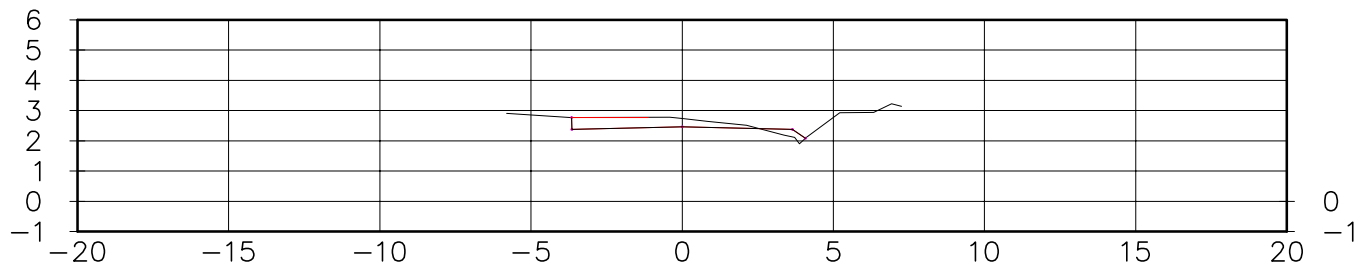
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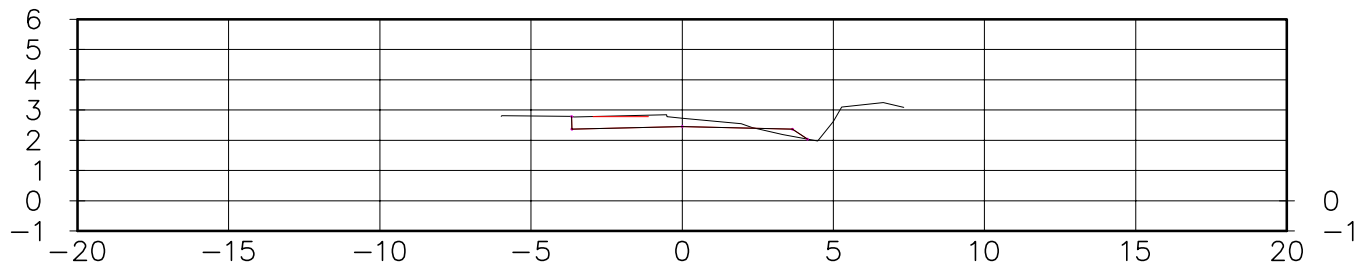
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA ATLÂNTICA		
	ESCALA: 1:250 DATA: AGOSTO/2015 PRANCHA: ST-04	

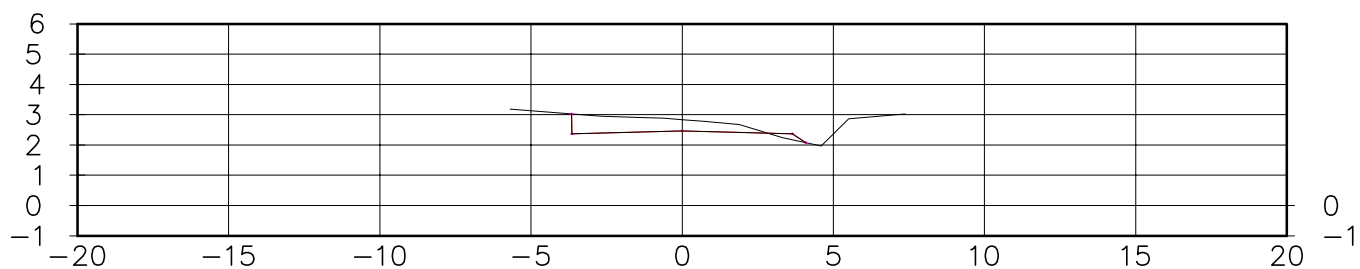
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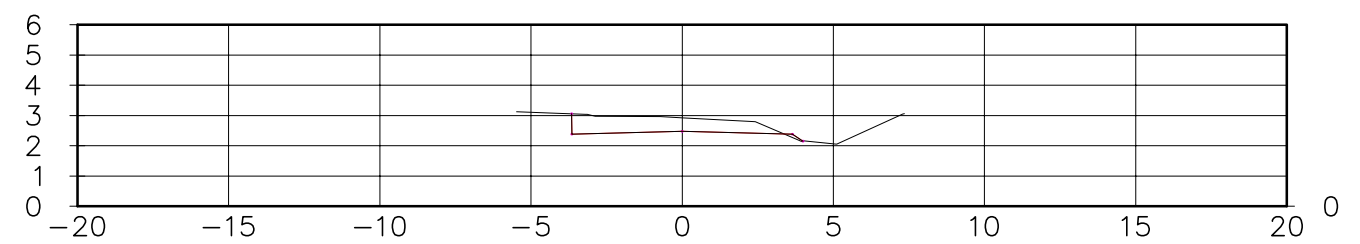
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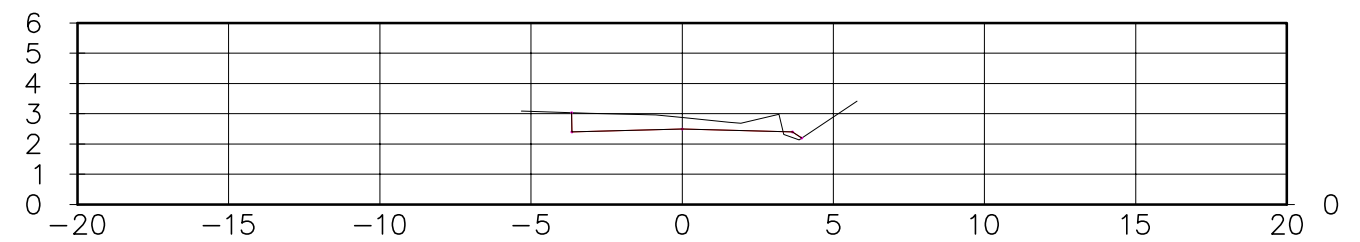
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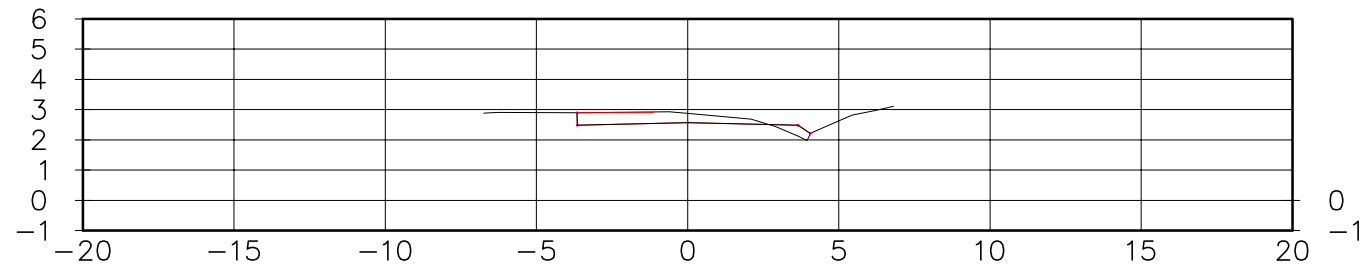
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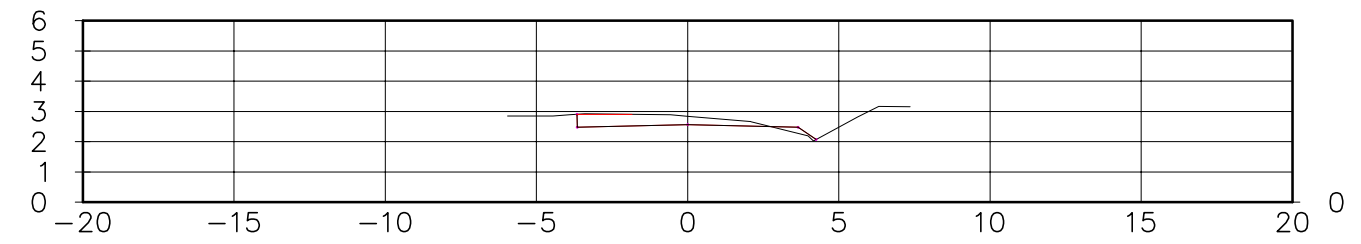
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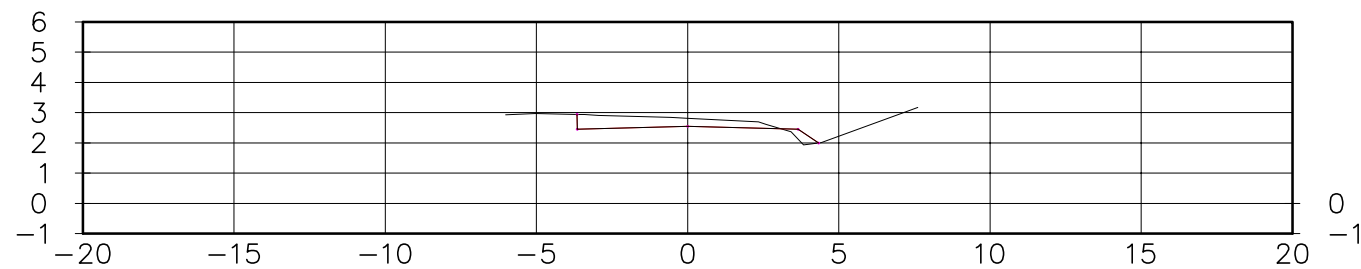
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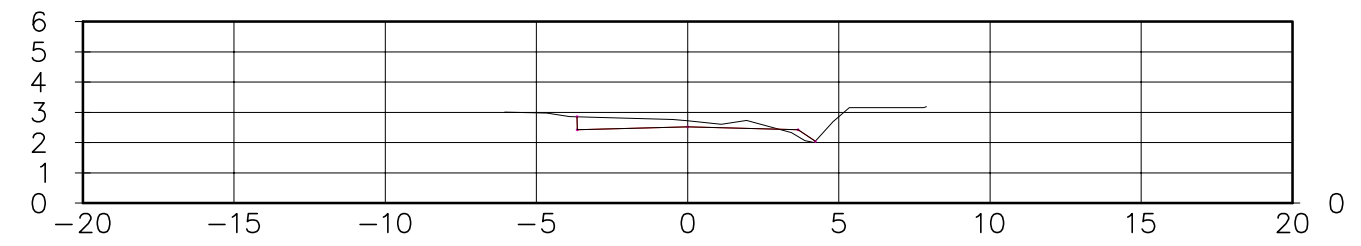
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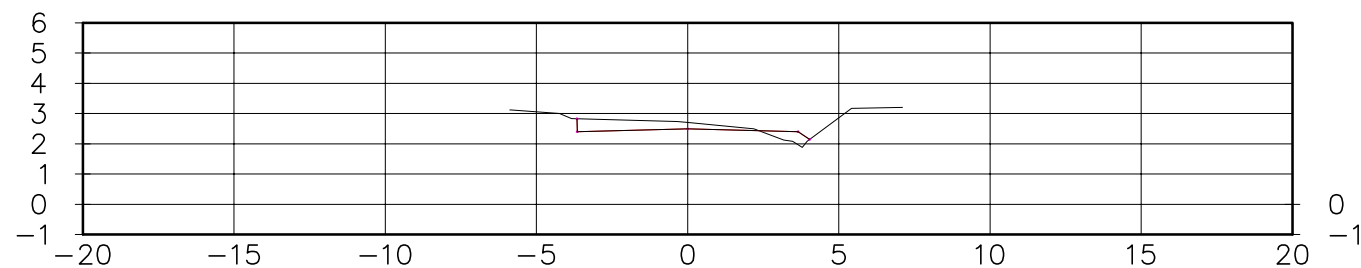
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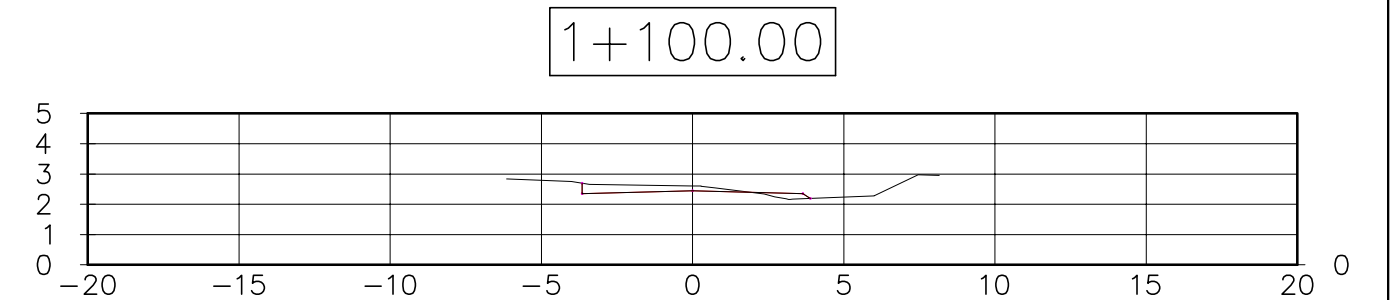
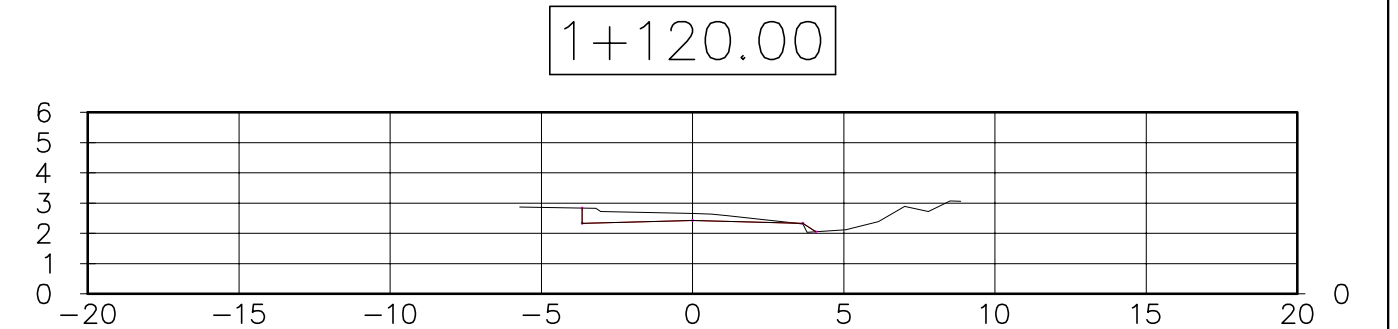
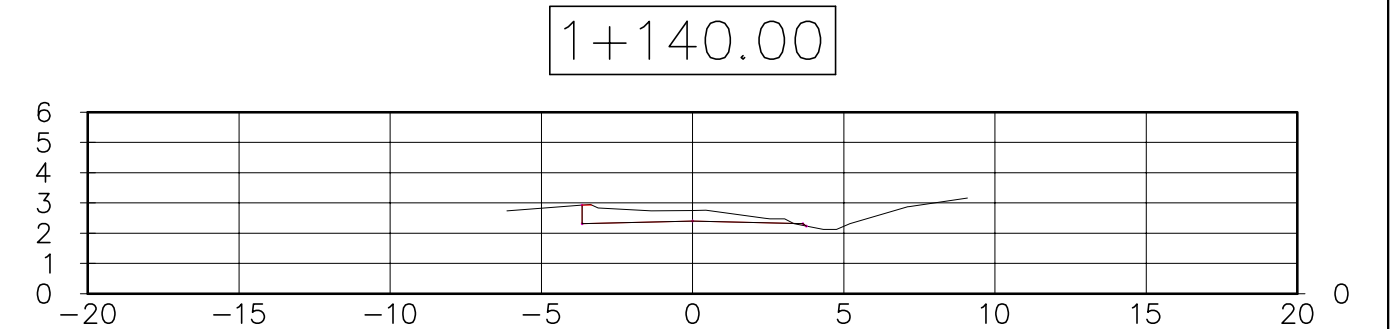
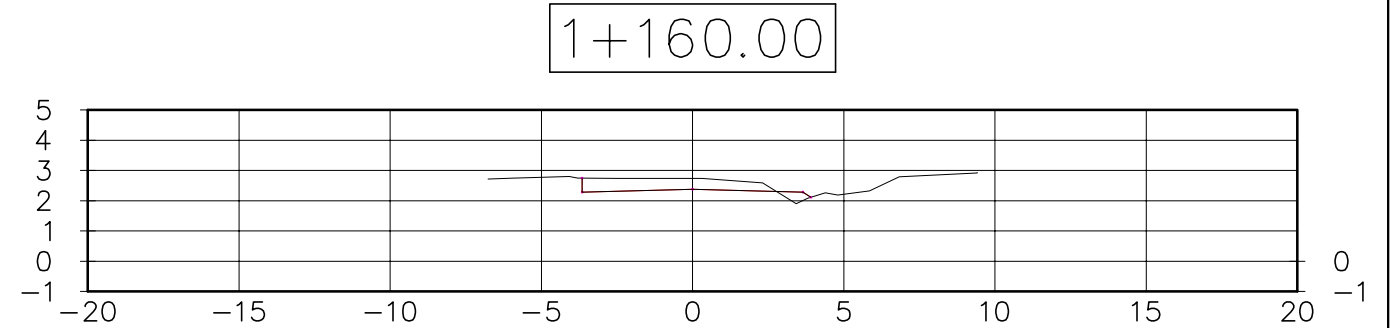
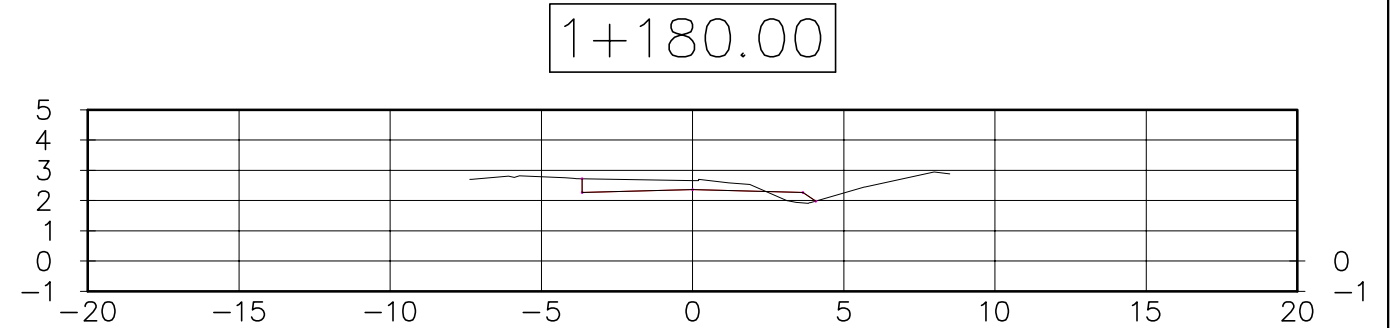
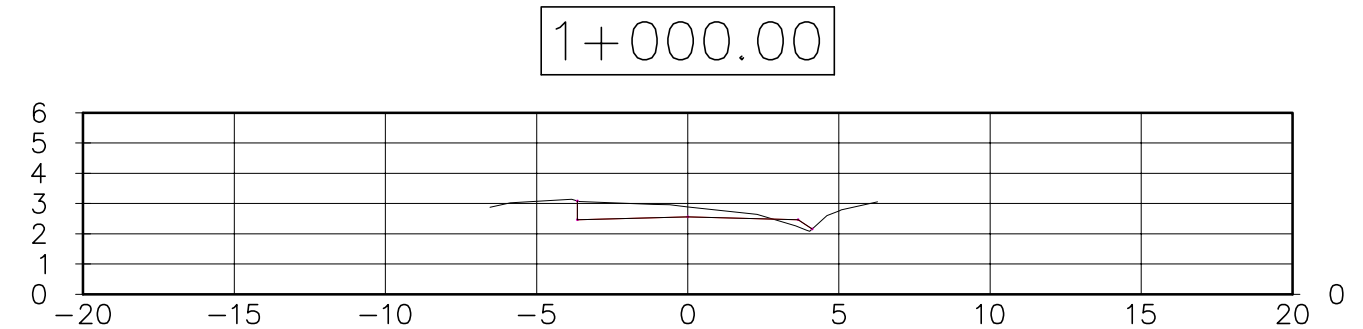
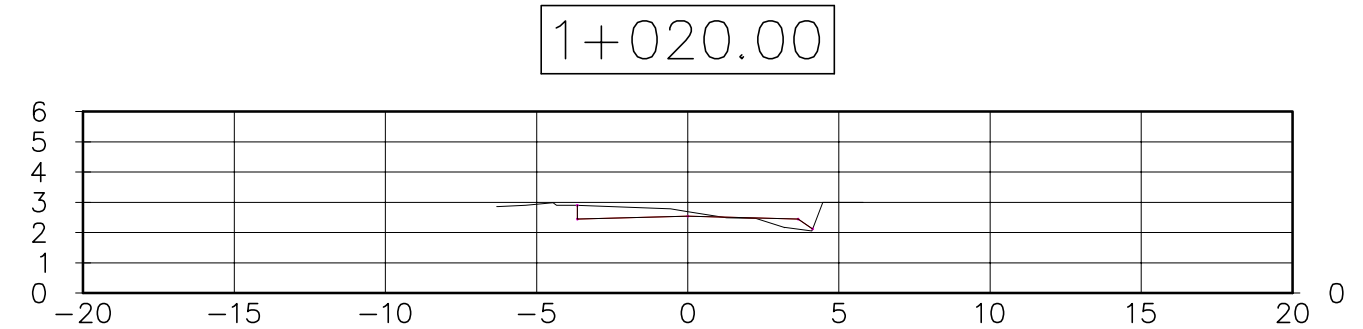
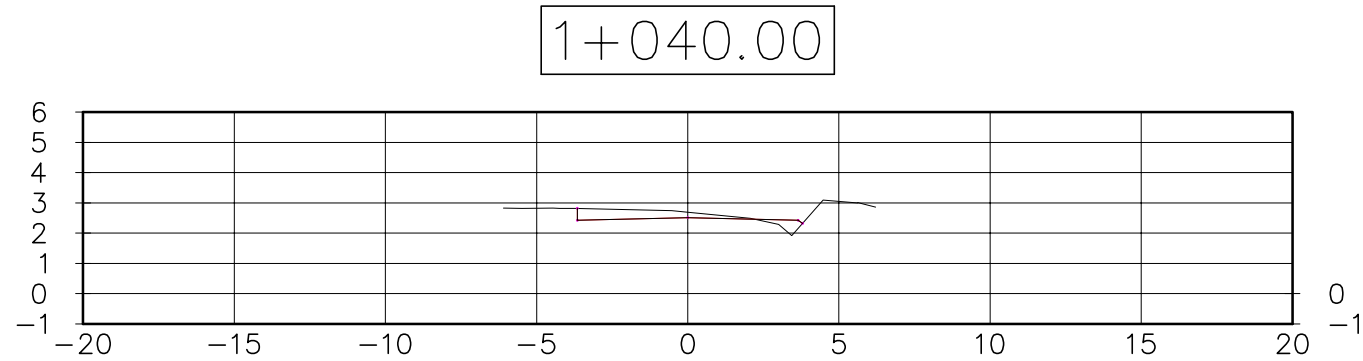
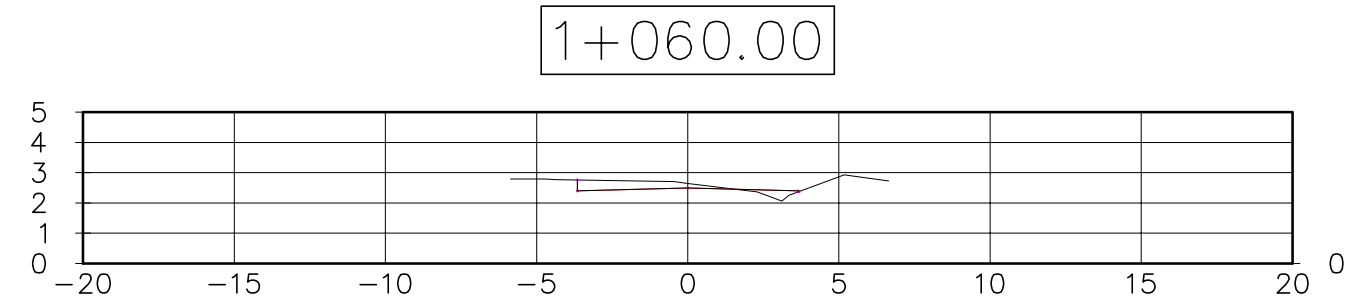
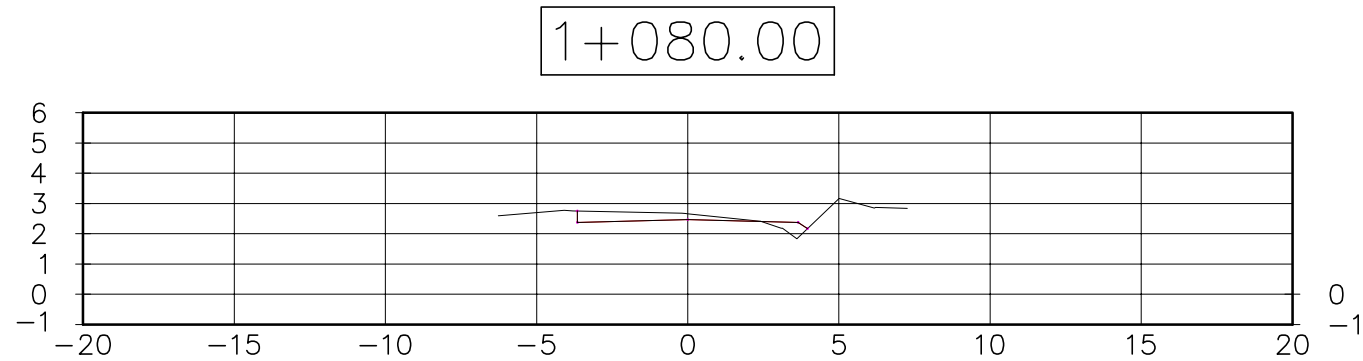



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PROJETADO POR: 	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

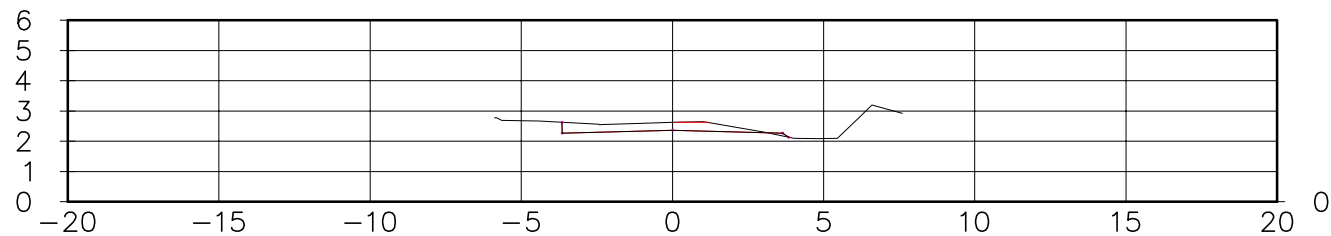
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	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA - FASE 1		1:250
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	SEÇÃO TRANSVERSAL		AGOSTO/2015
	AVENIDA ATLÂNTICA		PRANCHA:
			ST-05



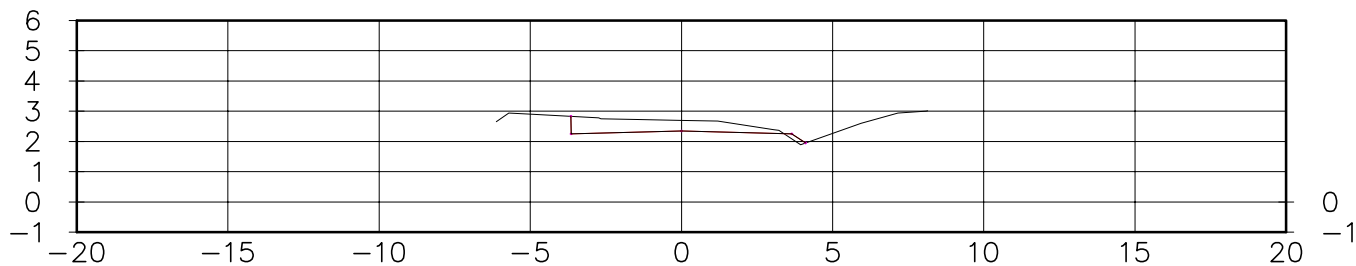
PROJETADO POR: 	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHEID CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

	PREFEITURA MUNICIPAL DE RIO GRANDE		ESCALA:
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		1:250
	BALNEÁRIO CASSINO – RIO GRANDE/RS		DATA:
	SEÇÃO TRANSVERSAL		AGOSTO/2015
	AVENIDA ATLÂNTICA		PRANCHA:
			ST-06

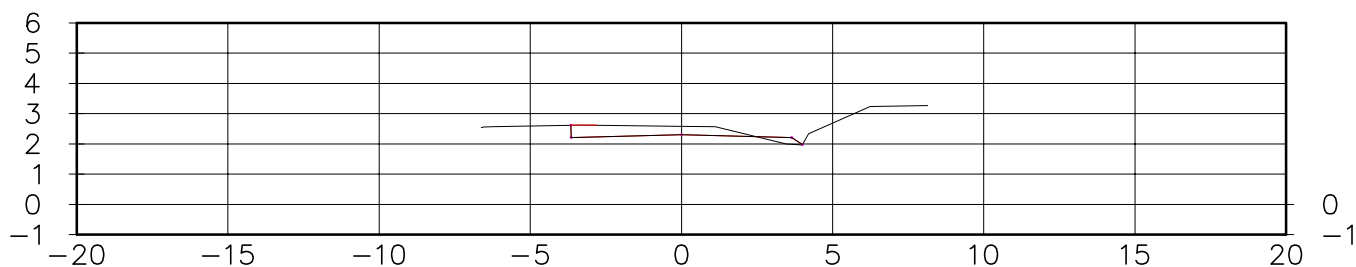
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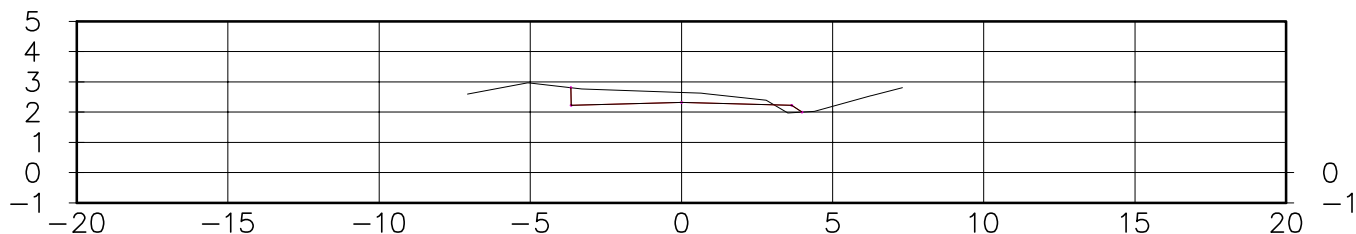
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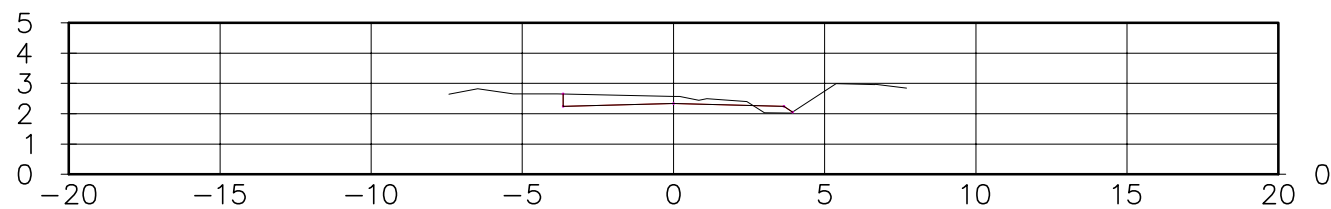
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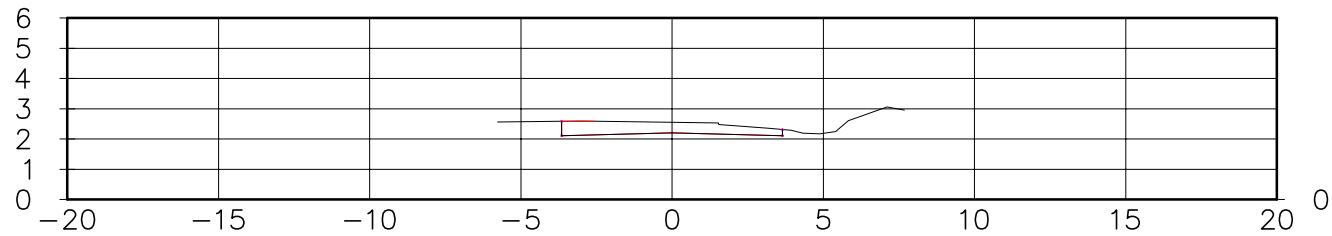
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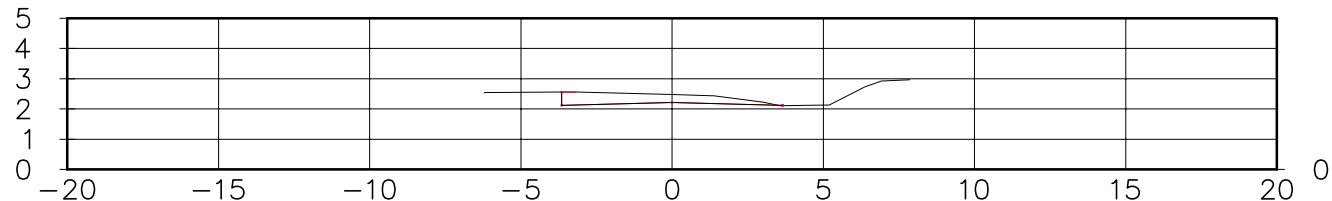
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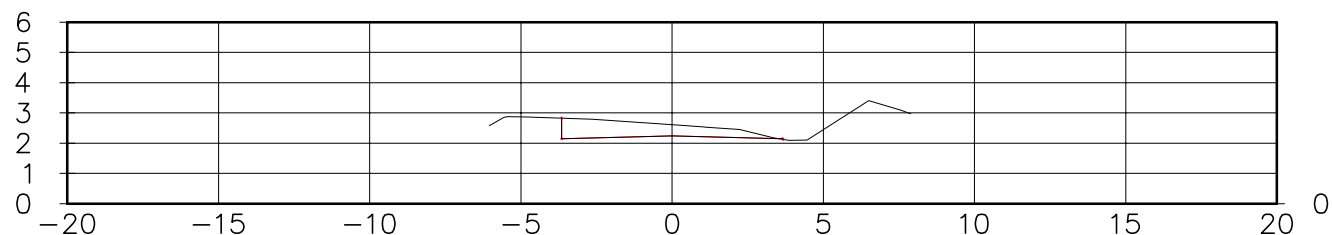
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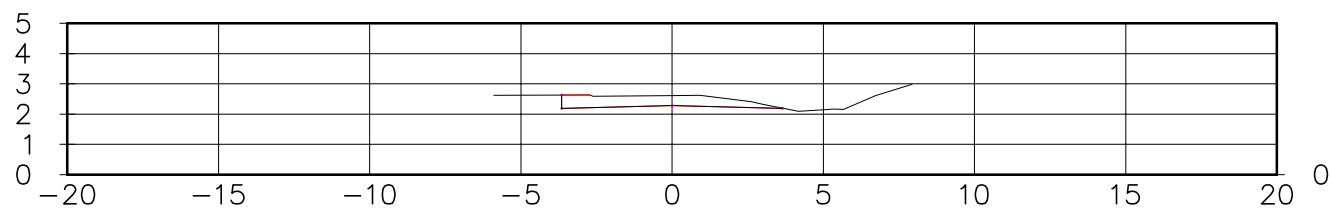
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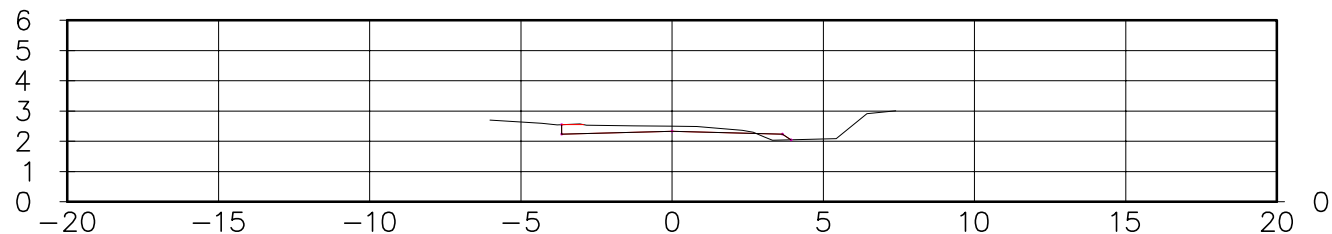
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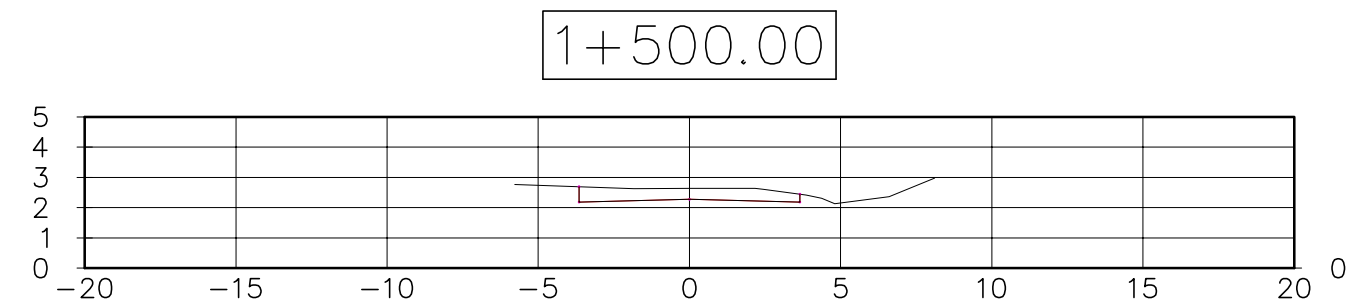
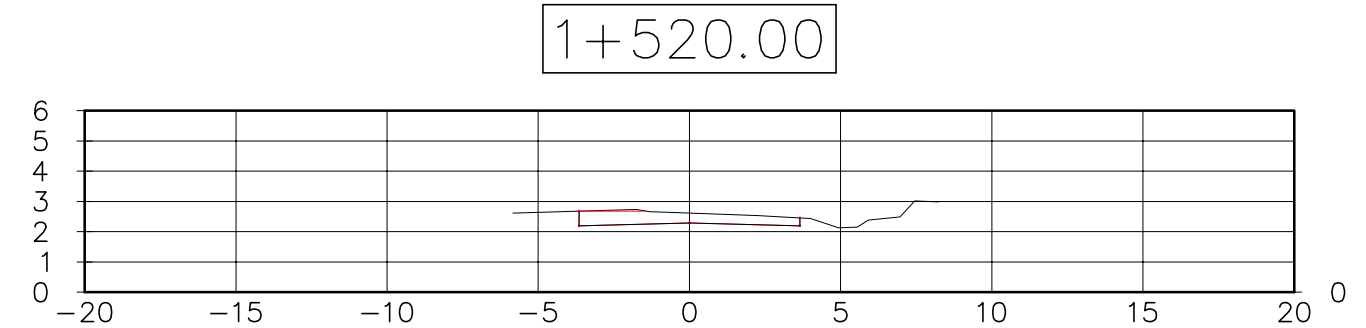
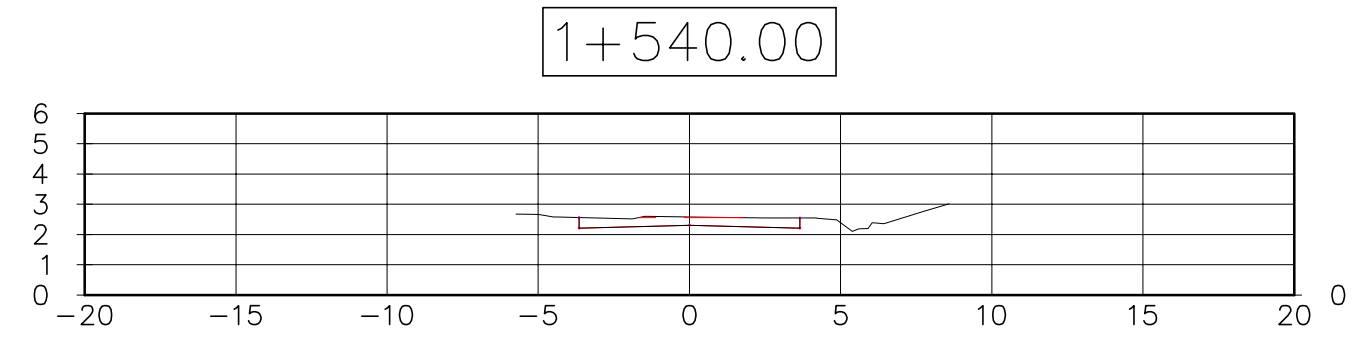
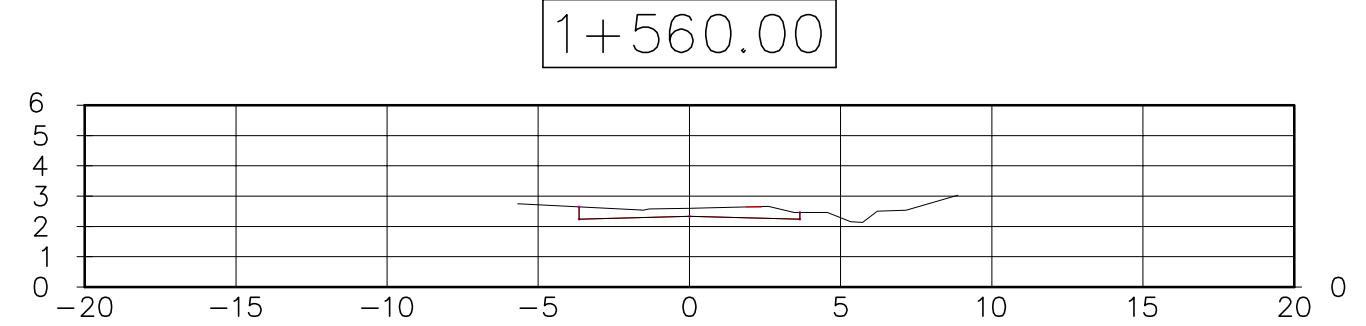
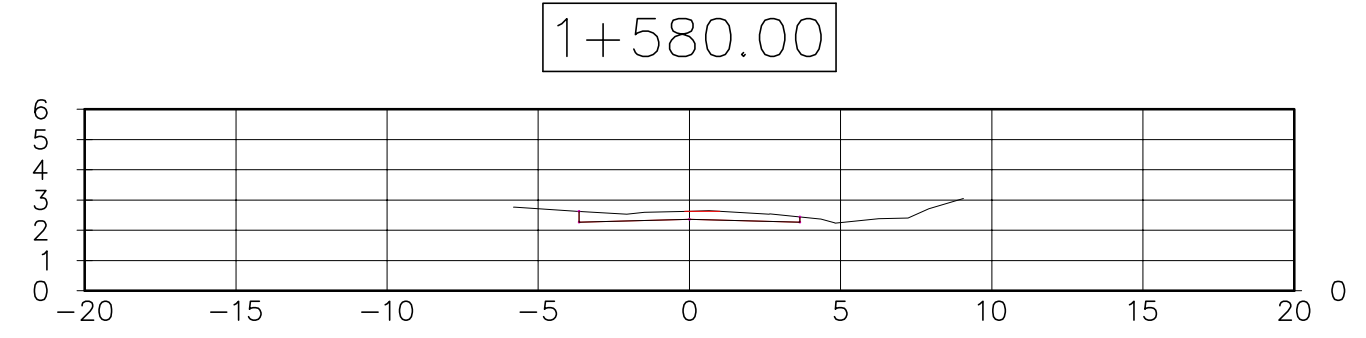
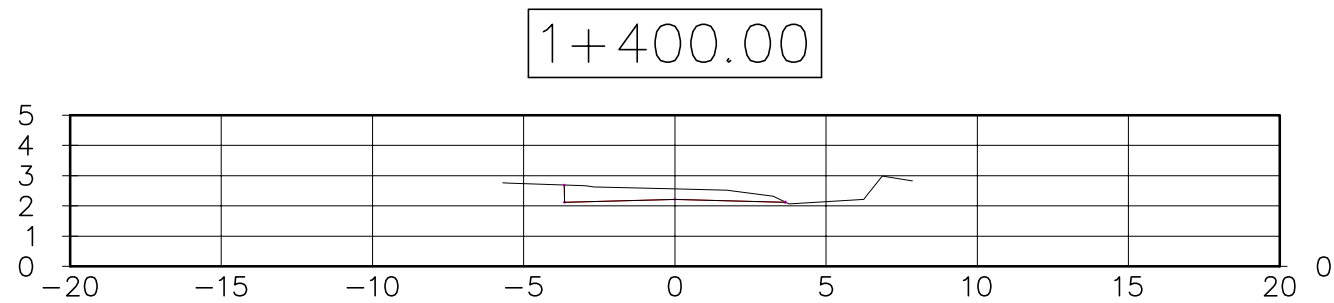
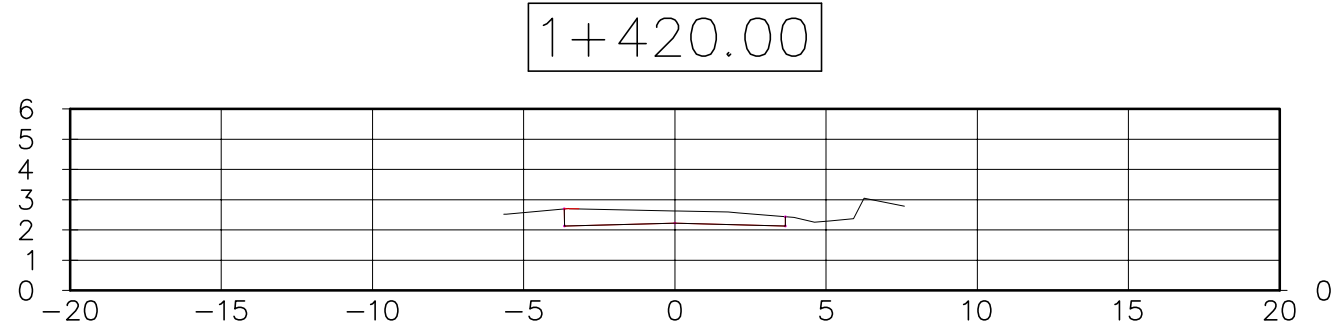
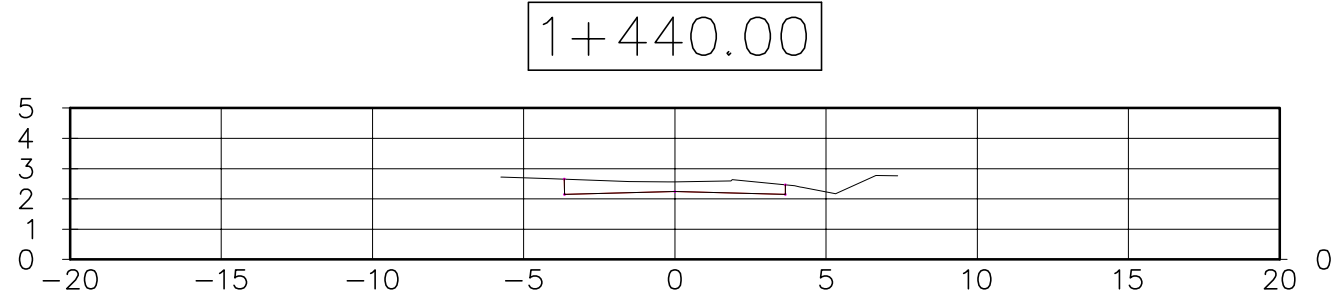
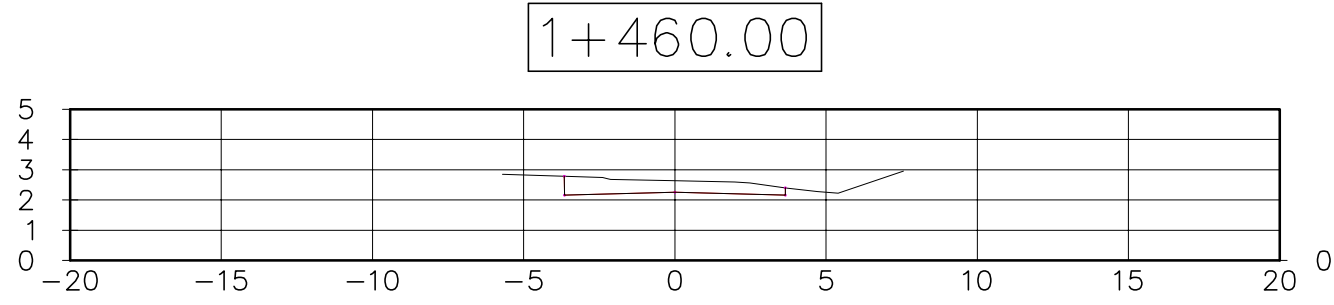
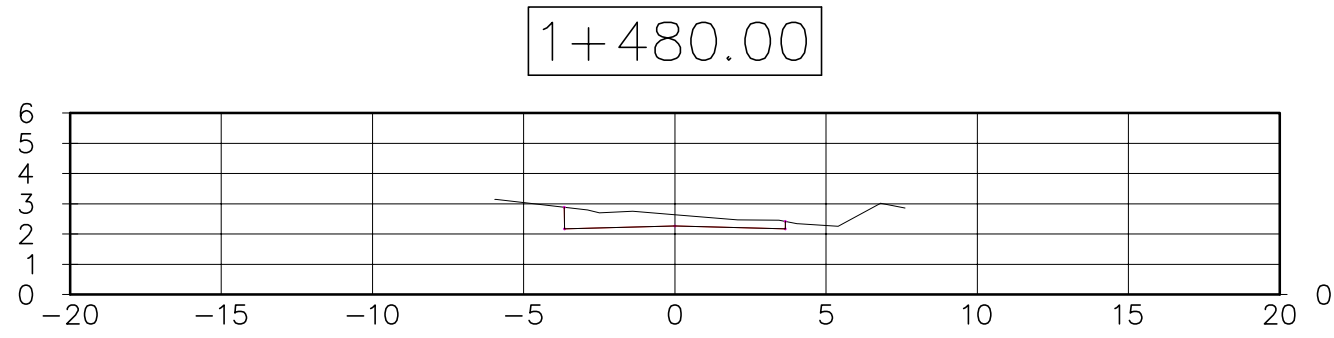



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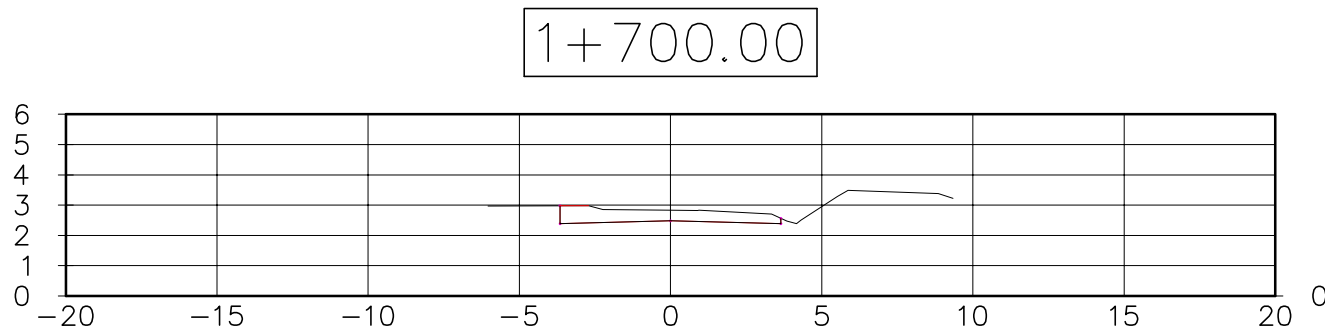
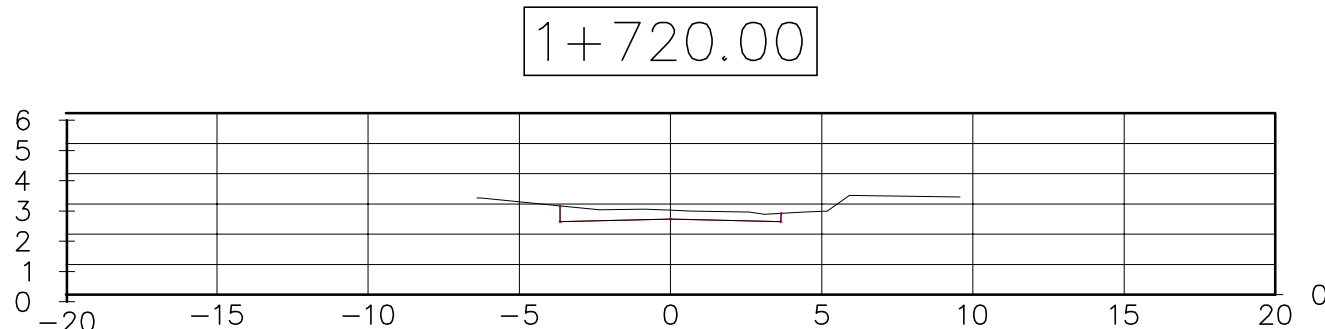
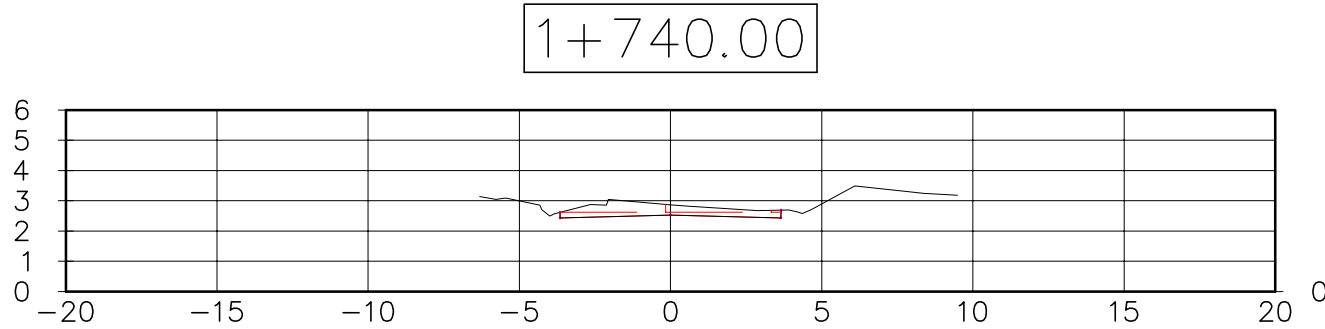
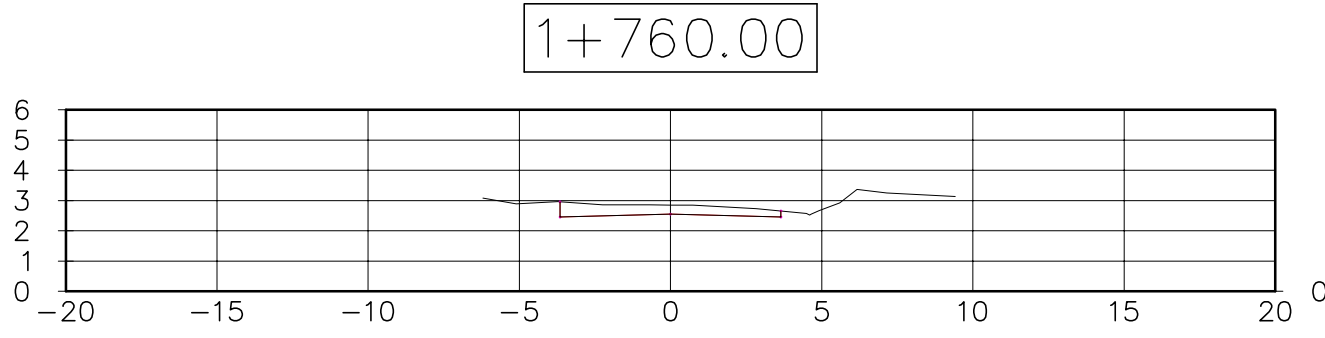
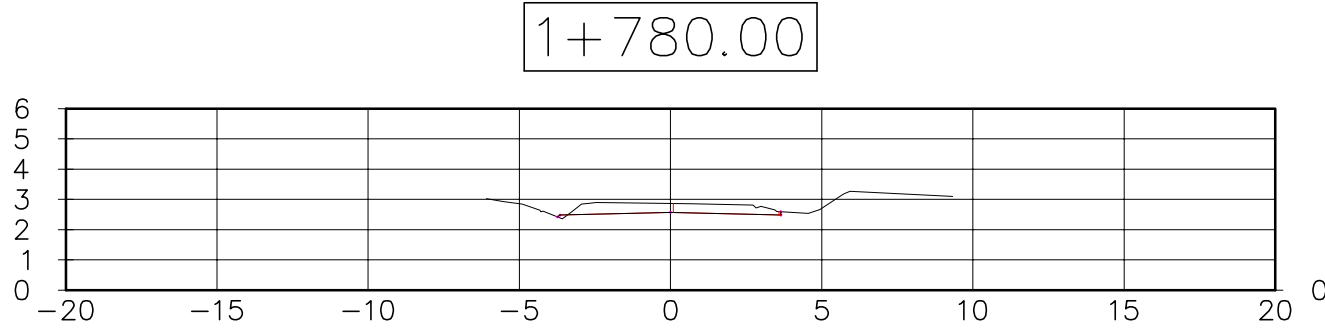
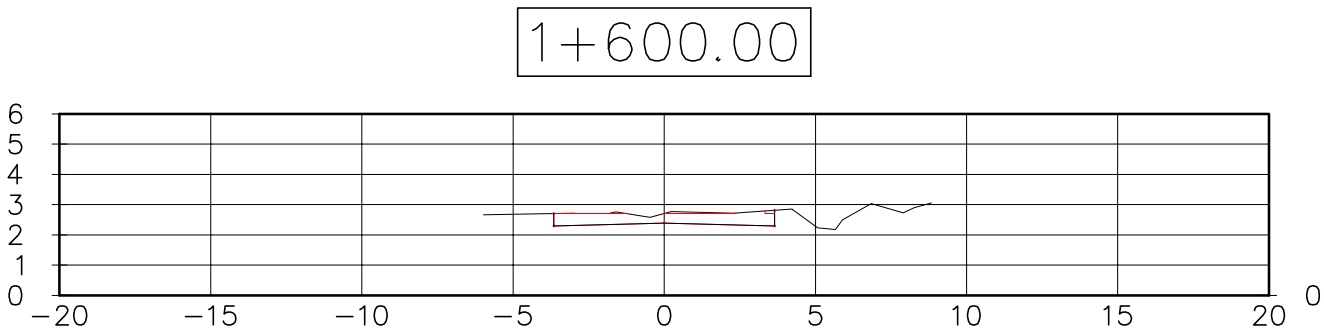
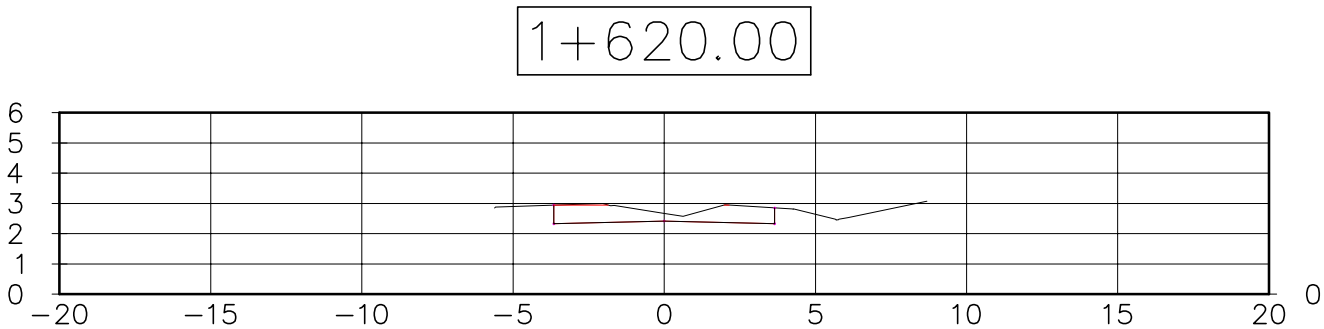
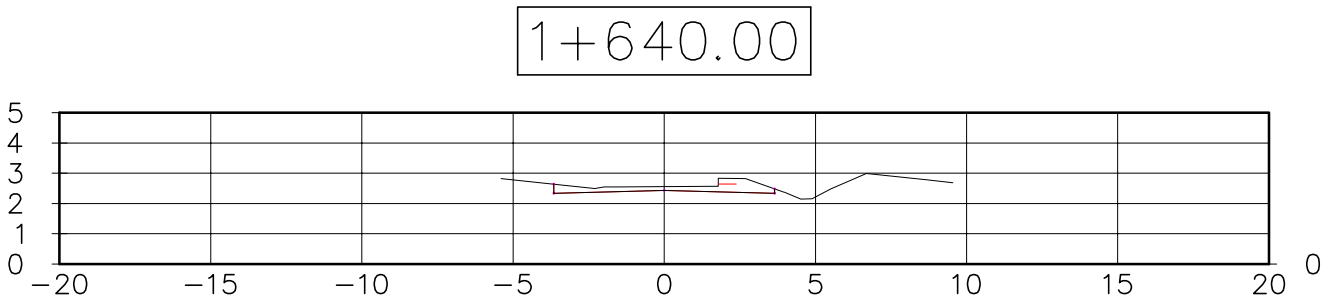
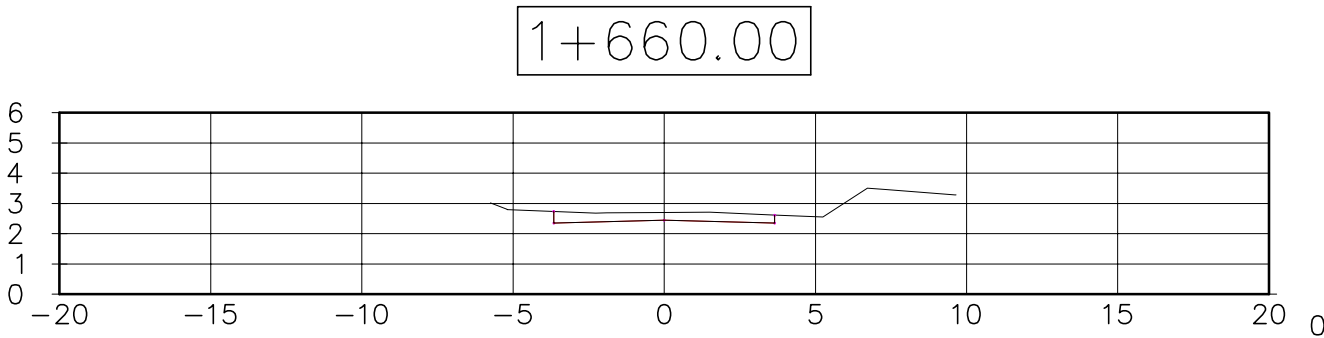
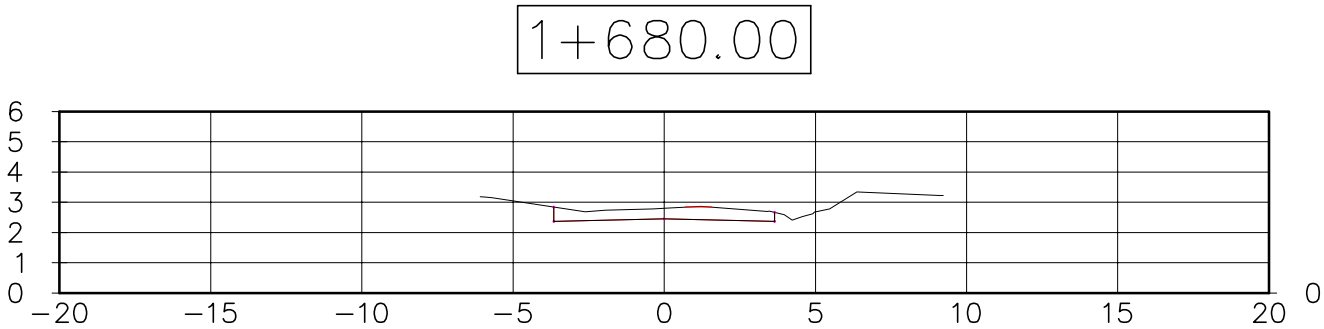
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154


PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA - FASE 1		
BALNEÁRIO CASSINO - RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA ATLÂNTICA		
		ESCALA: 1:250
		DATA: AGOSTO/2015
		PRANCHA: ST-07



PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

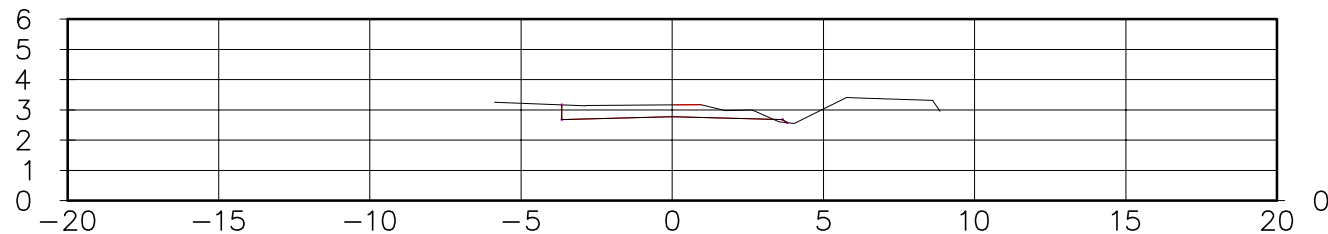
PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA - FASE 1 BALNEÁRIO CASSINO - RIO GRANDE/RS		
SEÇÃO TRANSVERSAL AVENIDA ATLÂNTICA		ESCALA: 1:250 DATA: AGOSTO/2015 PRANCHA: ST-08



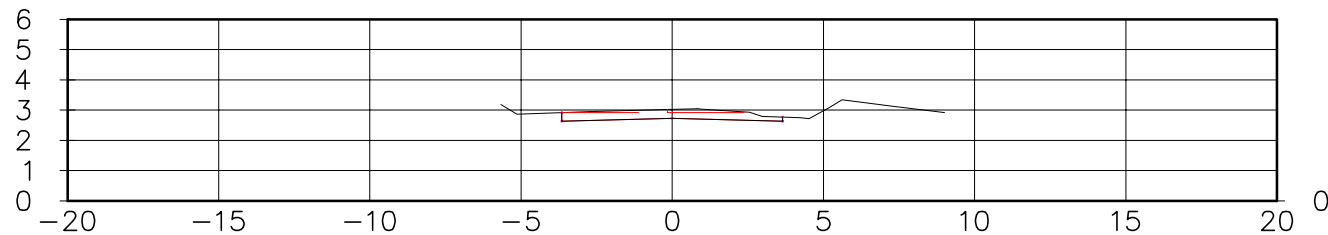
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA ATLÂNTICA		
	ESCALA: 1:250 DATA: AGOSTO/2015 PRANCHA: ST-09	

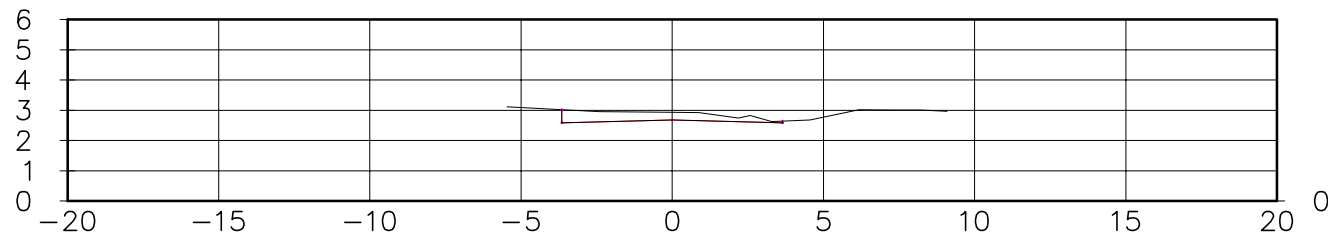
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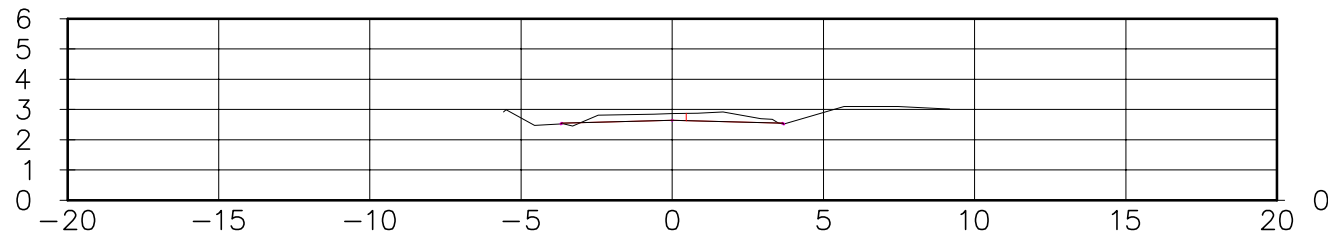
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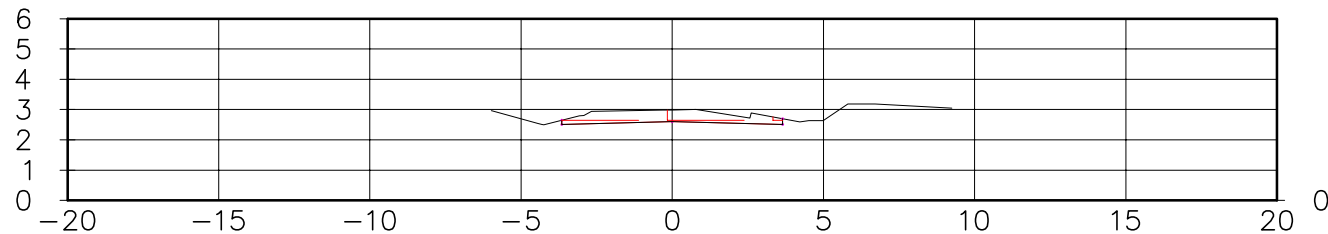
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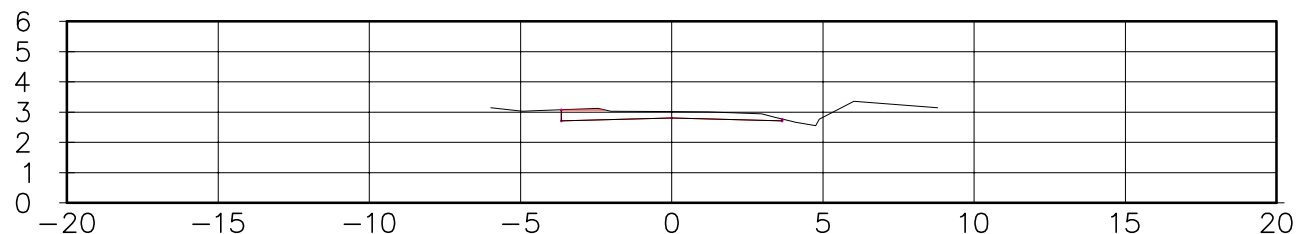
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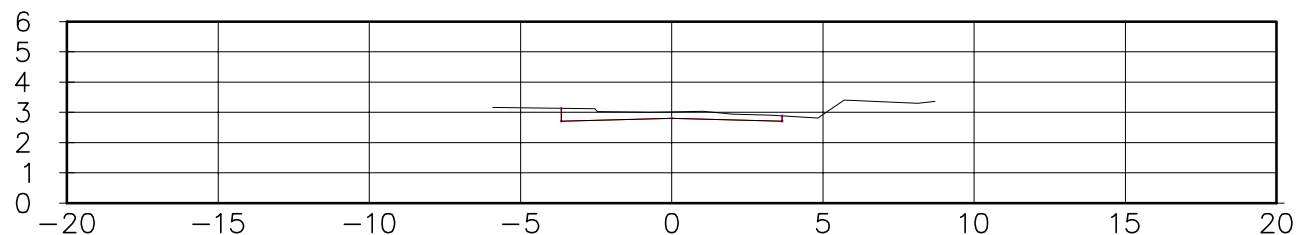
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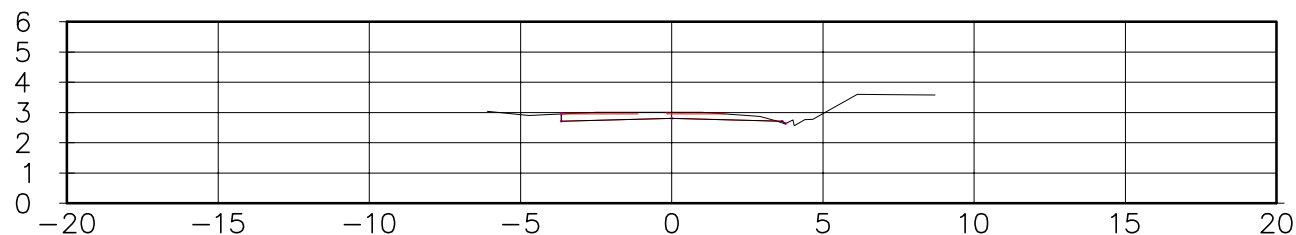
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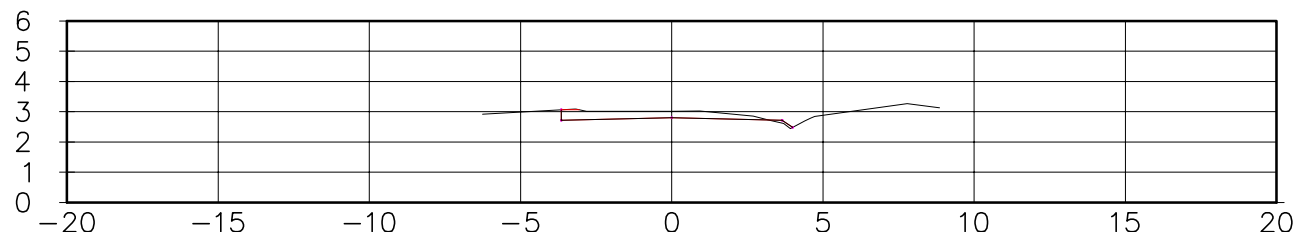
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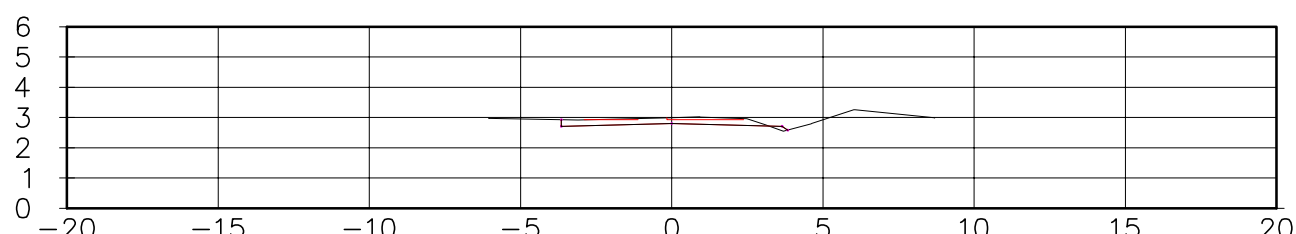
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1+920.00



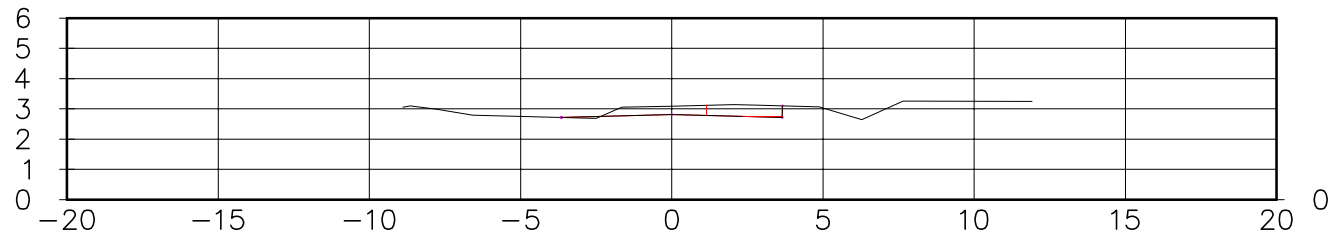
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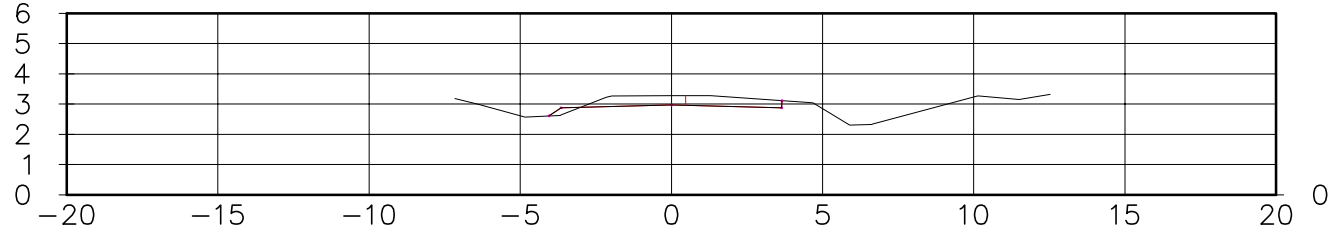
	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED	CYLLON F. ROSA NETO	DARLAN TOMAZINI
	CREA 9.409	CREA 44.757	CREA 149.154

	PREFEITURA MUNICIPAL DE RIO GRANDE		ESCALA:
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		1:250
	BALNEÁRIO CASSINO – RIO GRANDE/RS		DATA:
	SEÇÃO TRANSVERSAL		AGOSTO/2015
AVENIDA ATLÂNTICA		PRANCHA:	ST-10

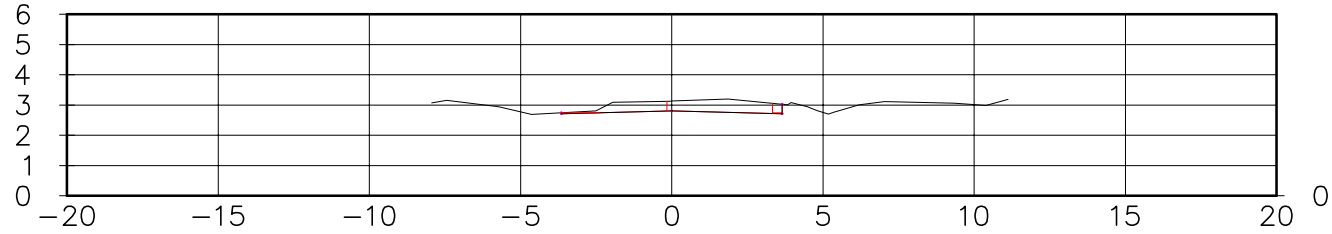
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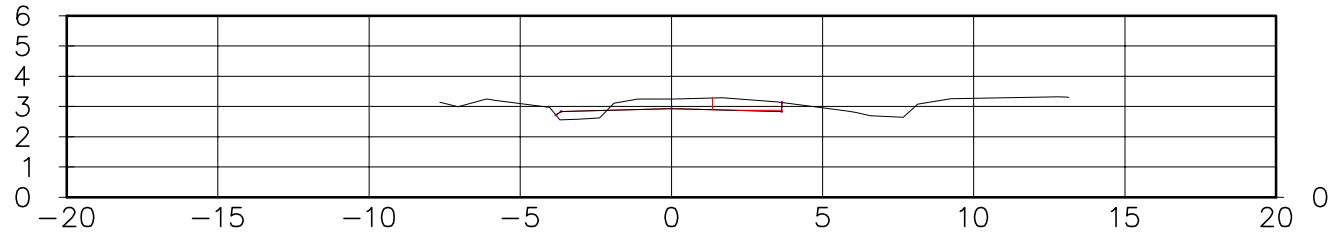
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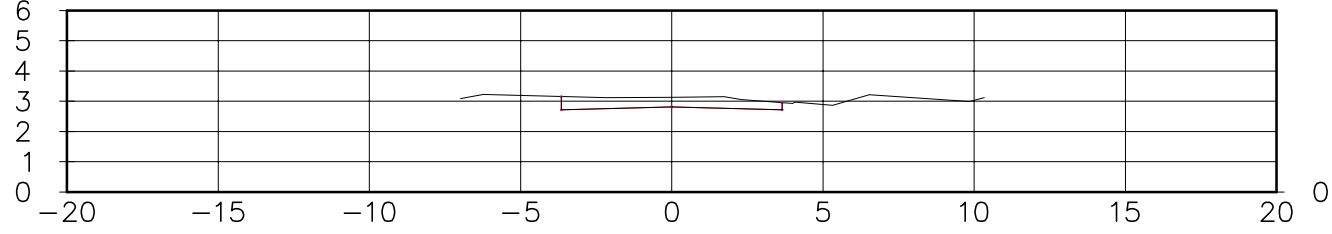
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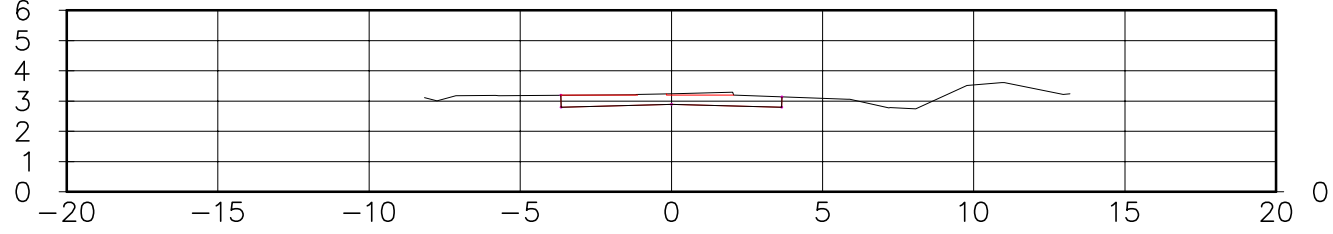
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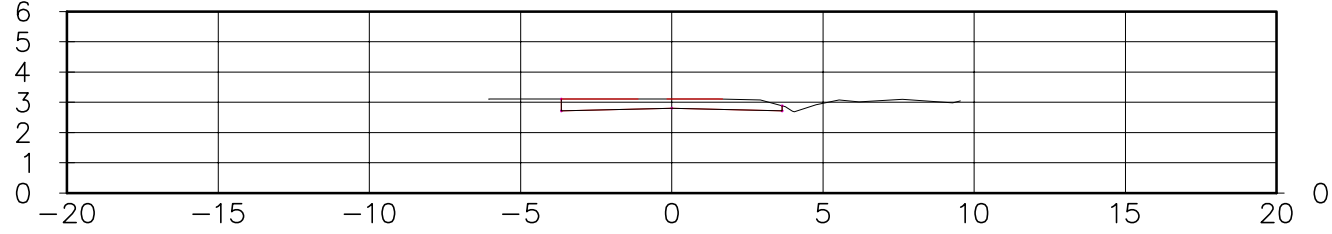
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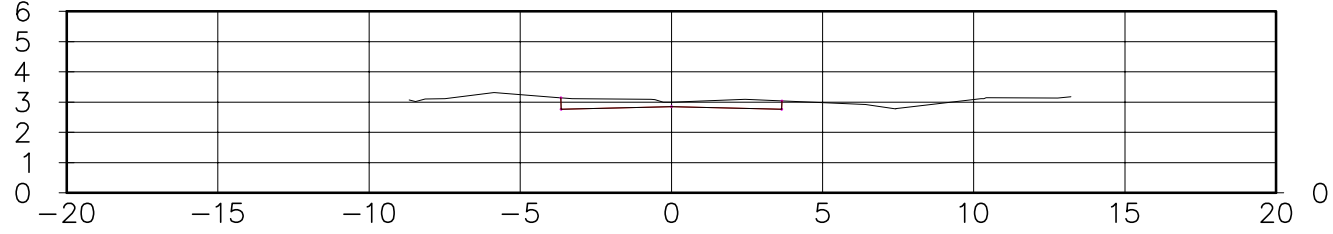
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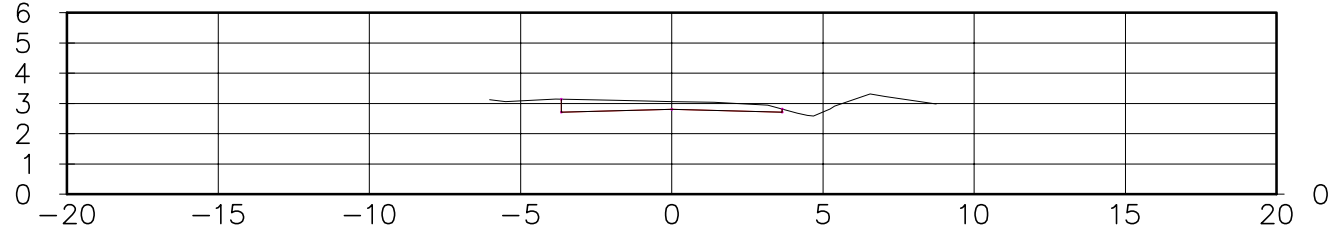
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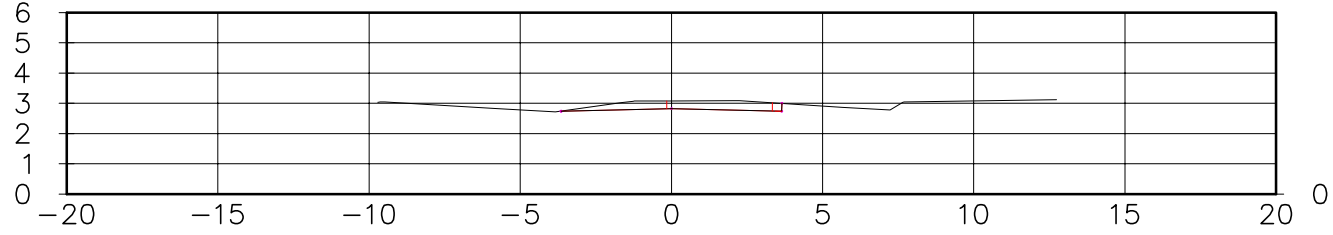
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2+000.00

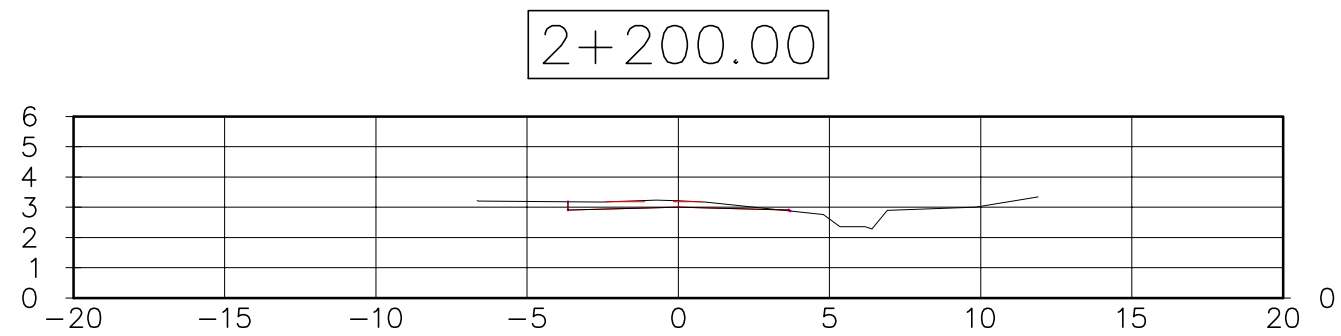
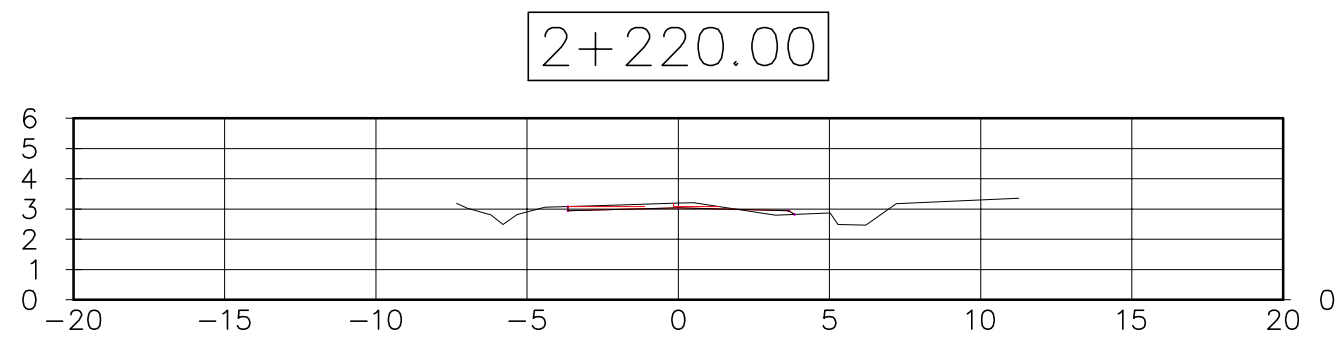
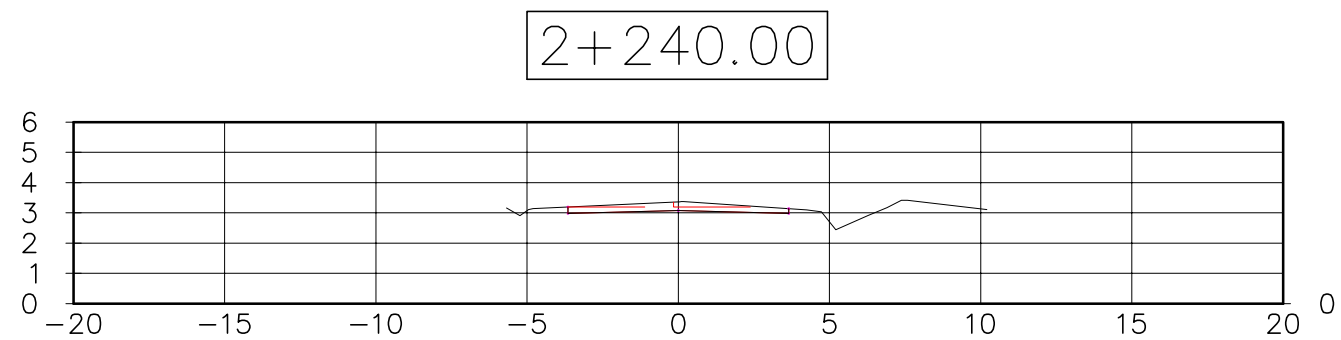
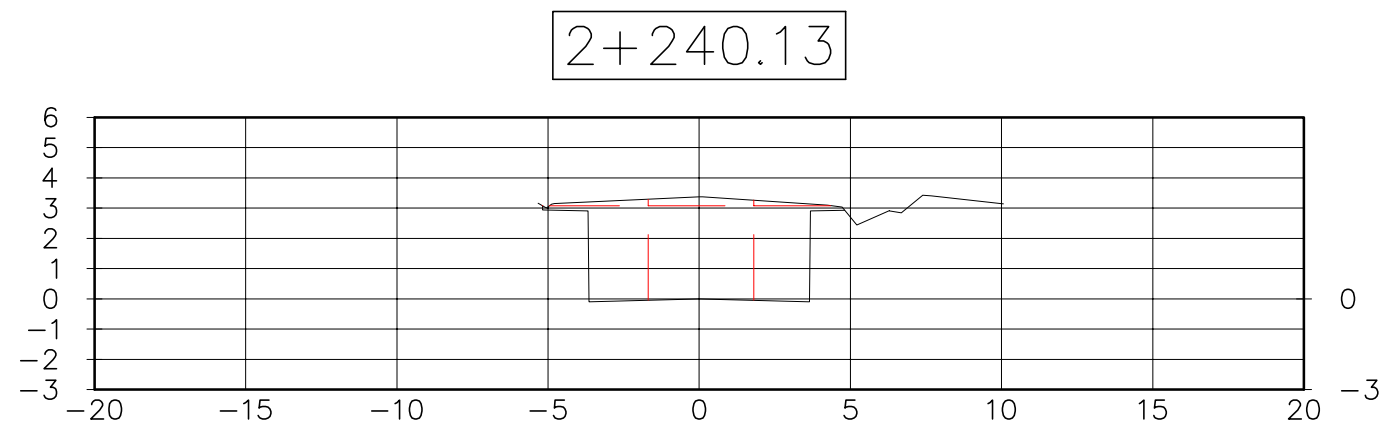



2+100.00



	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHEID	CYLLON F. ROSA NETO	DARLAN TOMAZINI
	CREA 9.409	CREA 44.757	CREA 149.154

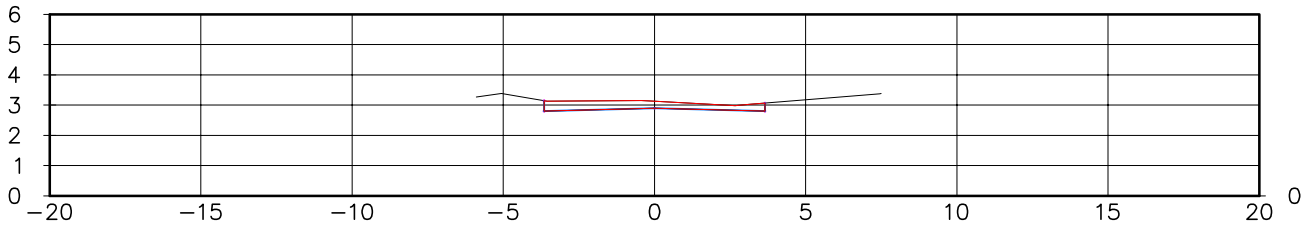
PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
	SEÇÃO TRANSVERSAL AVENIDA ATLÂNTICA	DATA: AGOSTO/2015 PRANCHA: ST–11



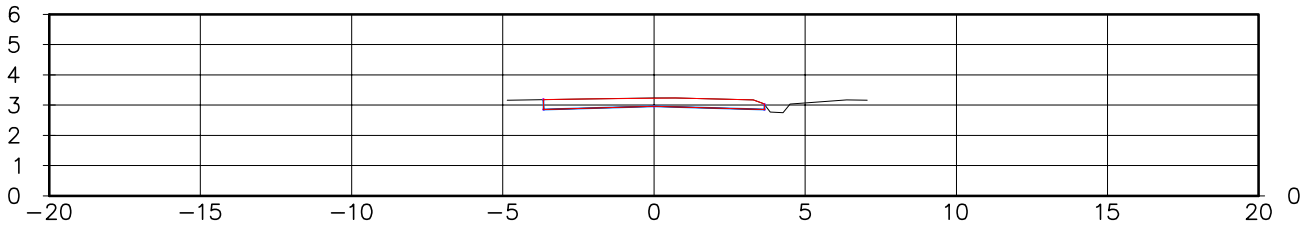
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
	SEÇÃO TRANSVERSAL AVENIDA ATLÂNTICA	DATA: AGOSTO/2015
		PRANCHA: ST-12

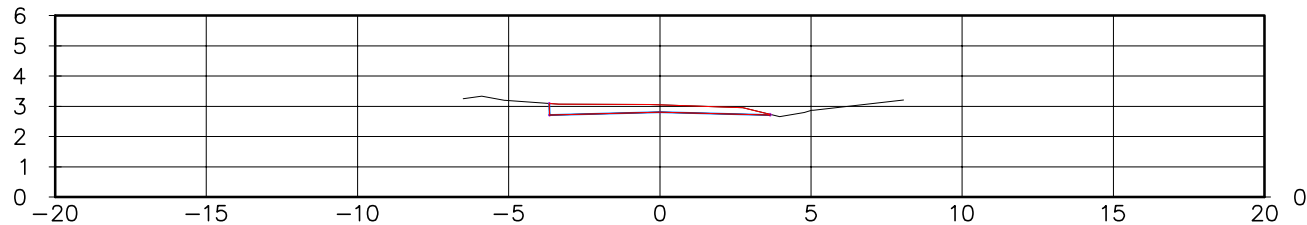
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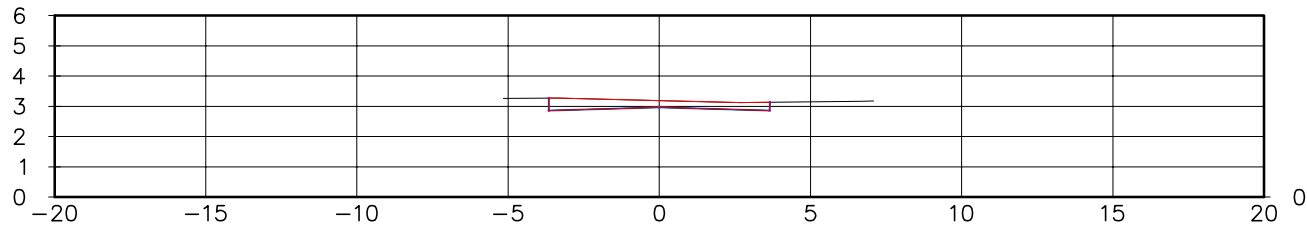
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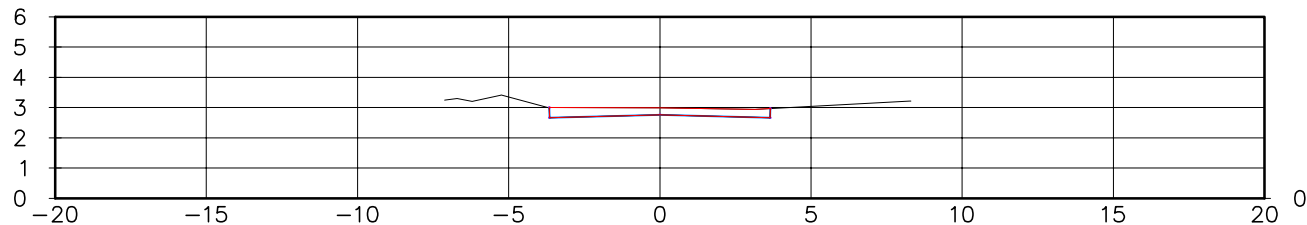
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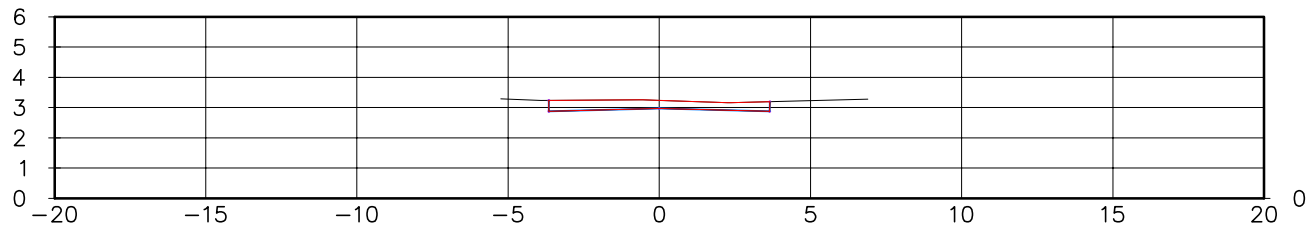
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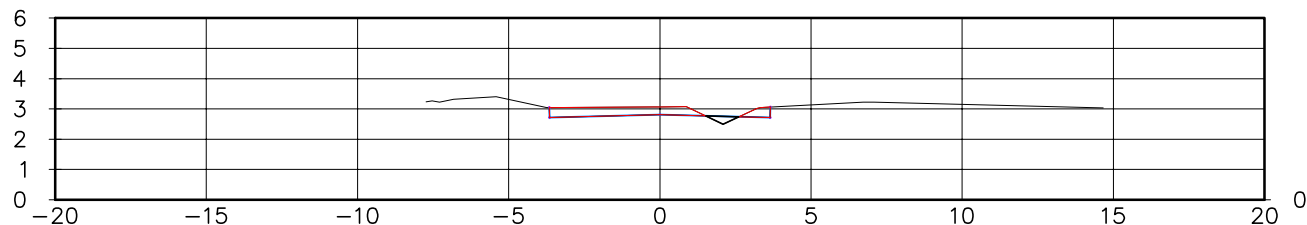
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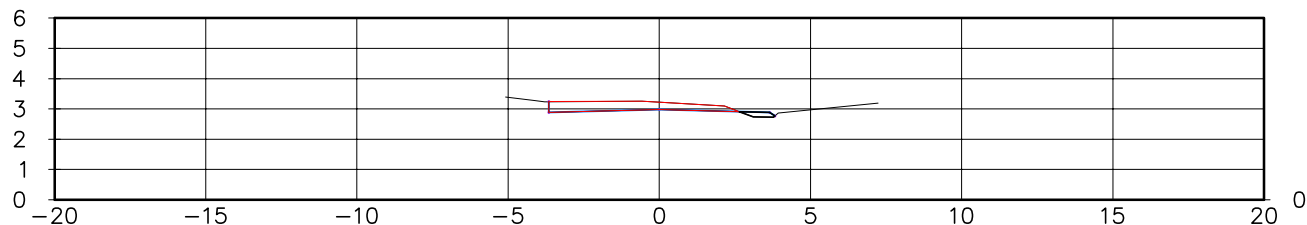
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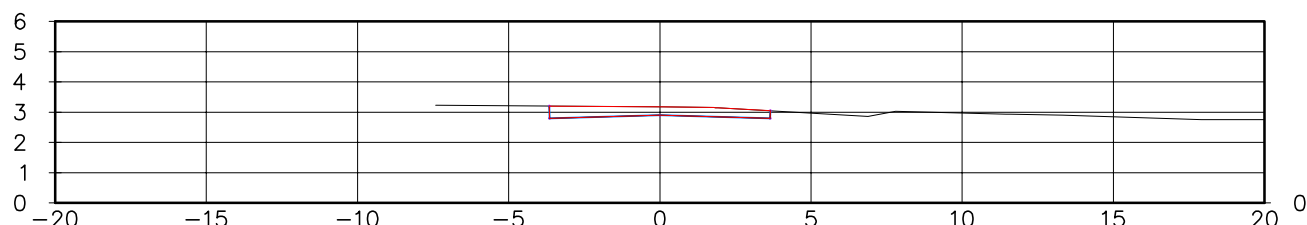
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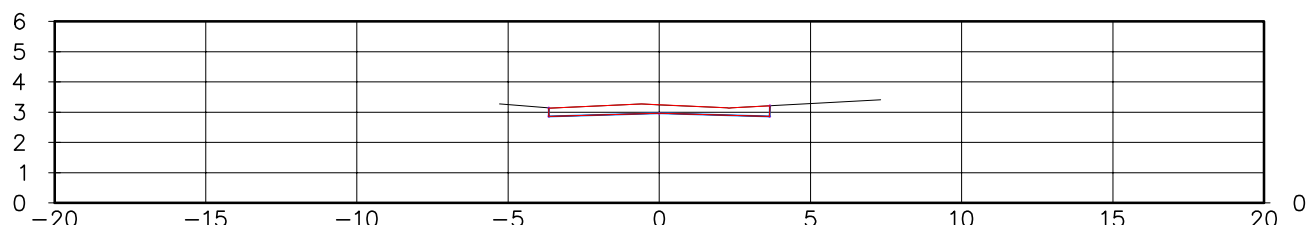
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0+000.00



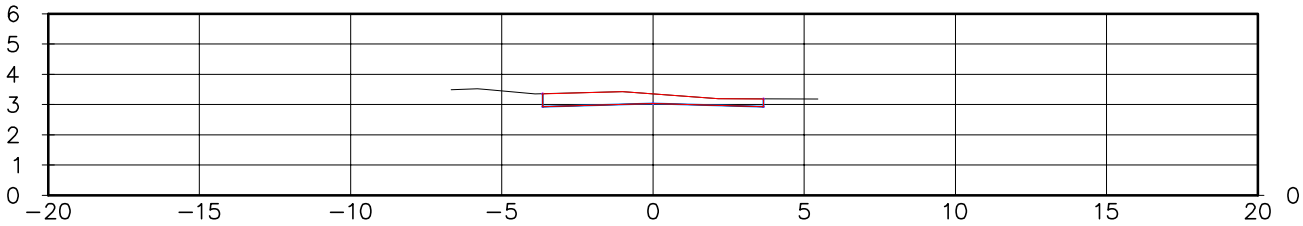
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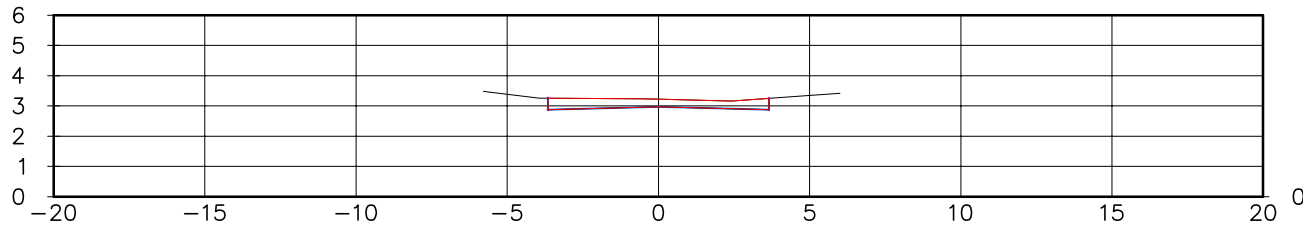
	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED	CYLON F. ROSA NETO	DARLAN TOMAZINI
	CREA 9.409	CREA 44.757	CREA 149.154

	PREFEITURA MUNICIPAL DE RIO GRANDE	
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1	
	BALNEÁRIO CASSINO – RIO GRANDE/RS	
	SEÇÃO TRANSVERSAL	
AVENIDA BRASIL		ESCALA: 1:250
		DATA: AGOSTO/2015
		PRANCHA: ST-01

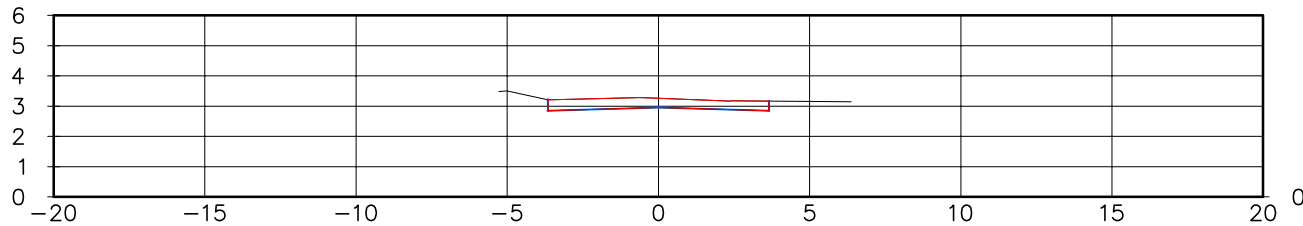
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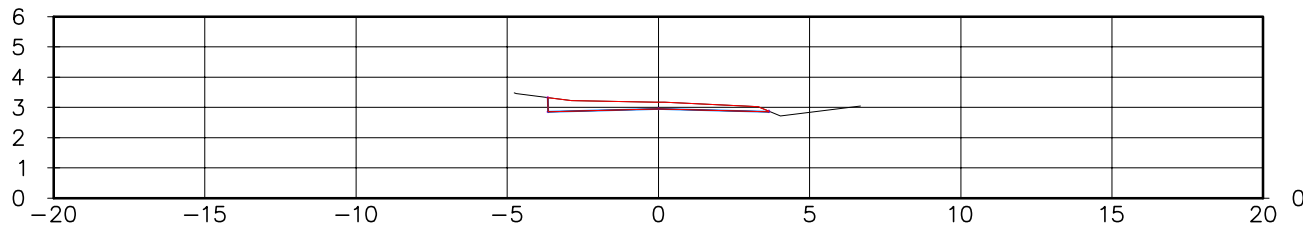
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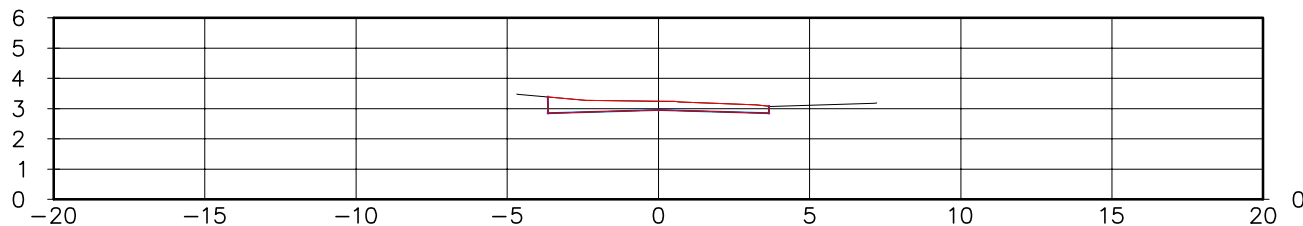
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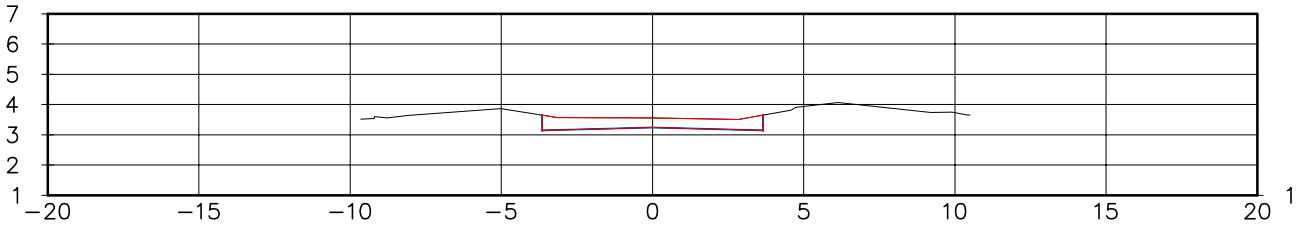
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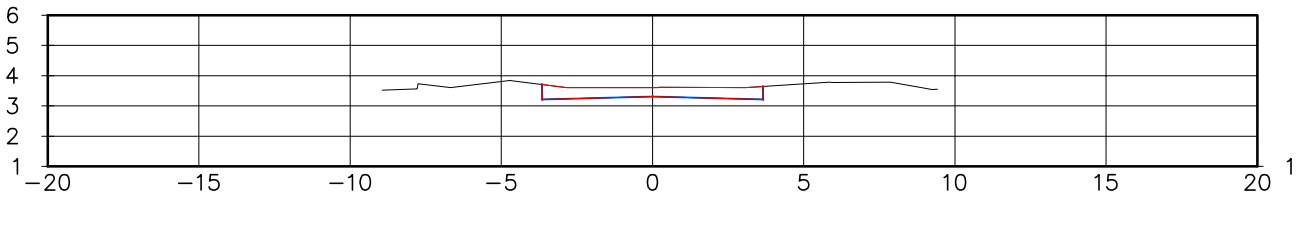
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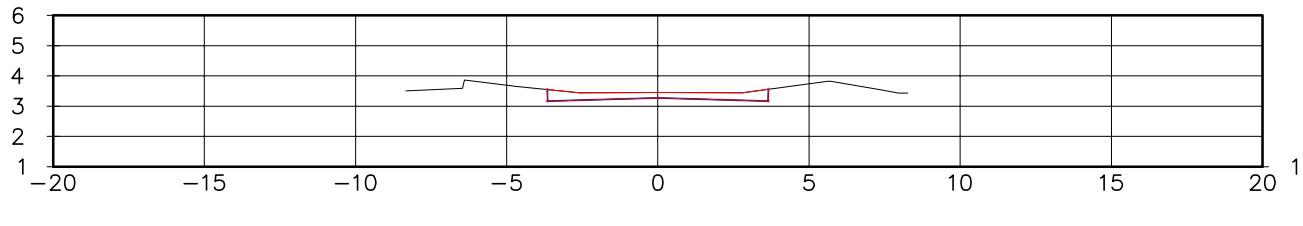
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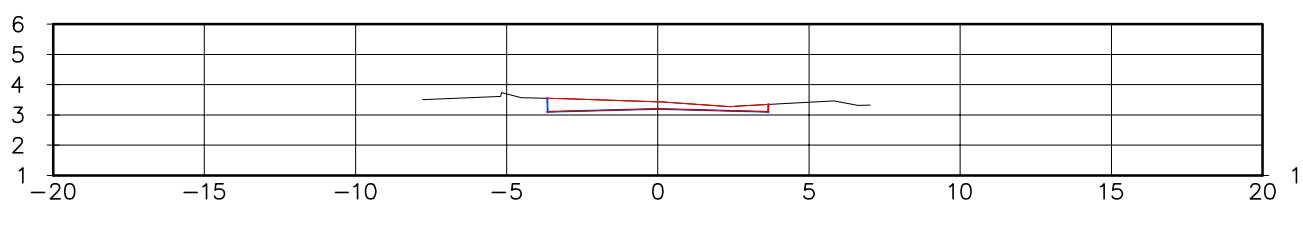
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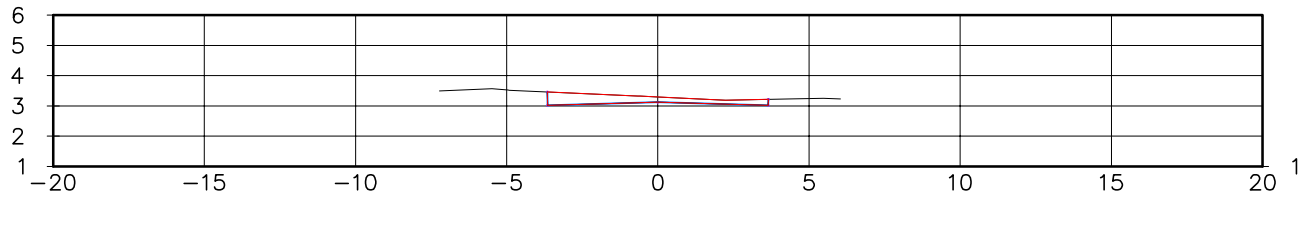
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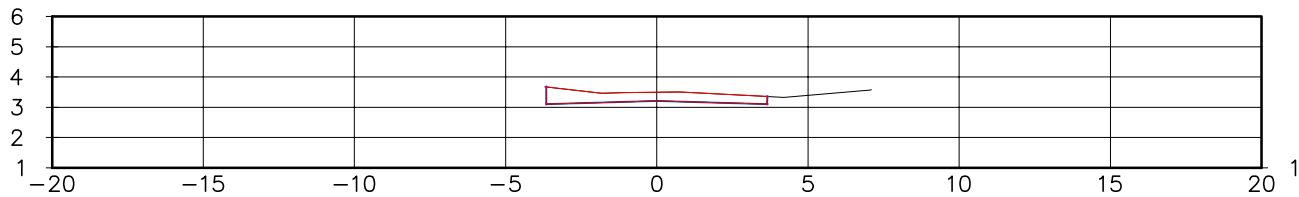
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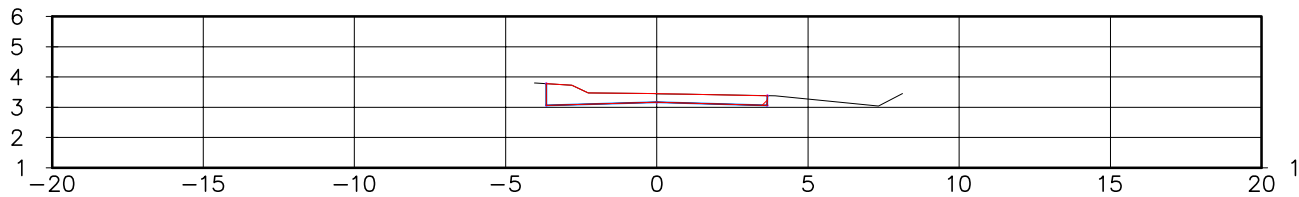
	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED	CYLON F. ROSA NETO	DARLAN TOMAZINI
	CREA 9.409	CREA 44.757	CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
	SEÇÃO TRANSVERSAL AVENIDA BRASIL	DATA: AGOSTO/2015 PRANCHA: ST-02

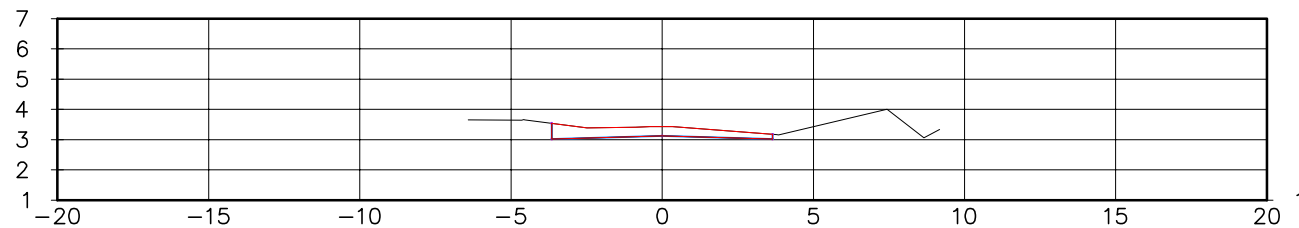
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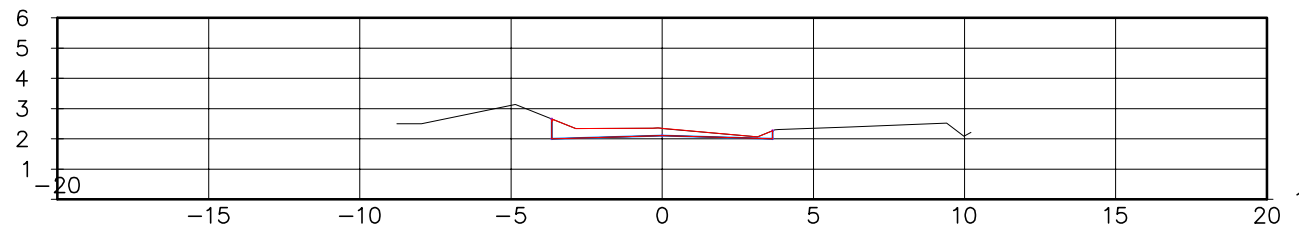
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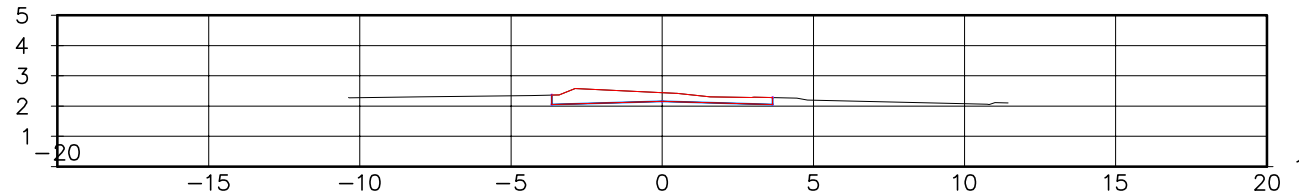
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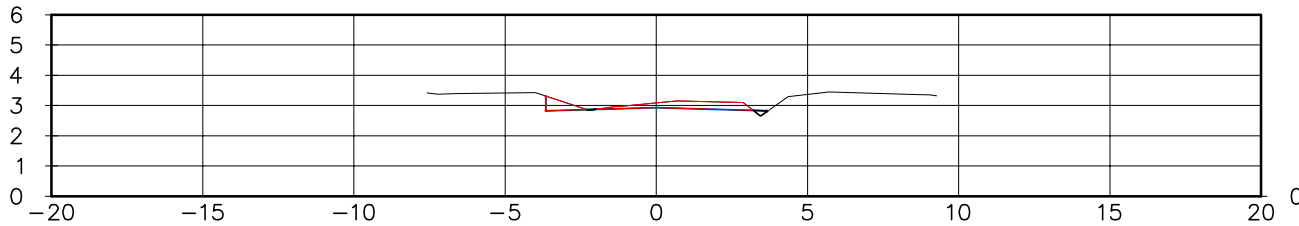
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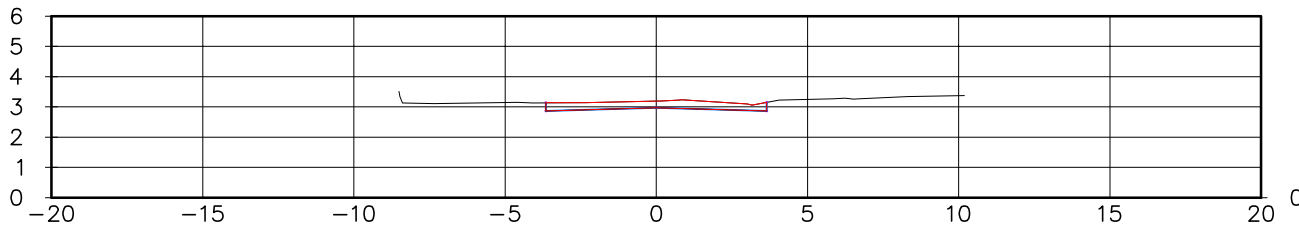
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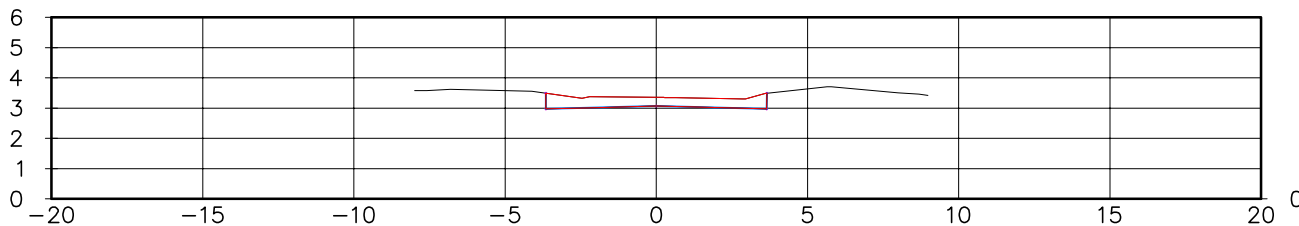
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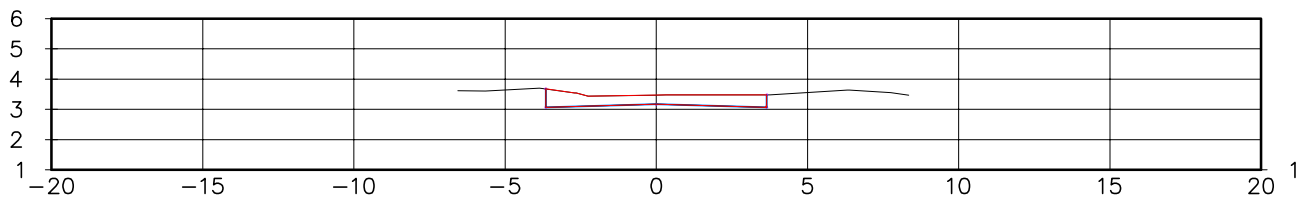
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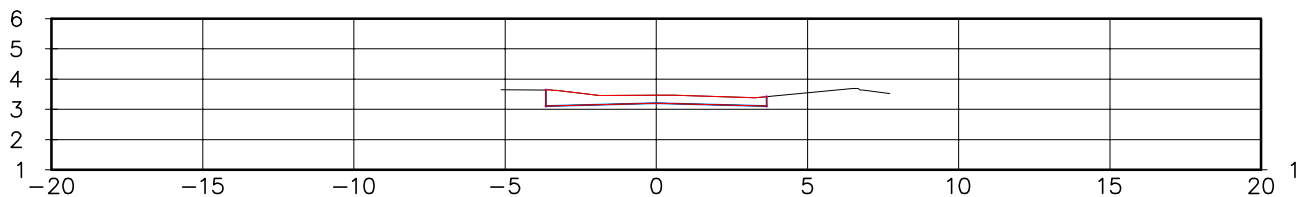
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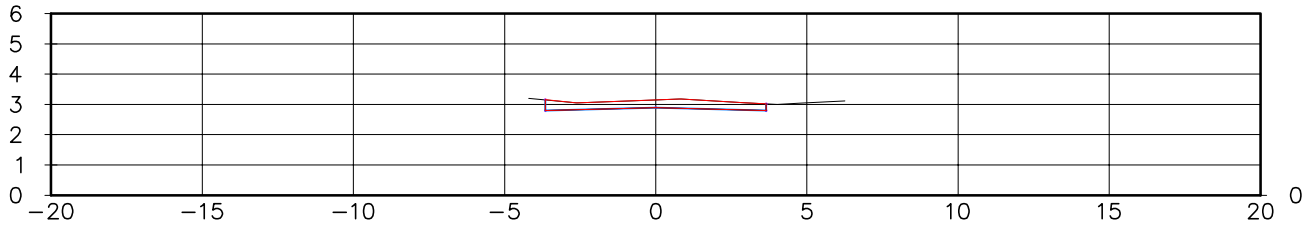
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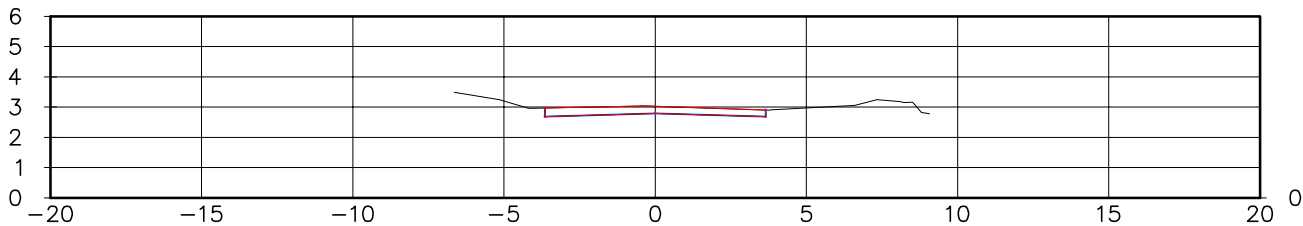
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA BRASIL		
ESCALA: 1:250		DATA: AGOSTO/2015
PRANCHA: ST-03		

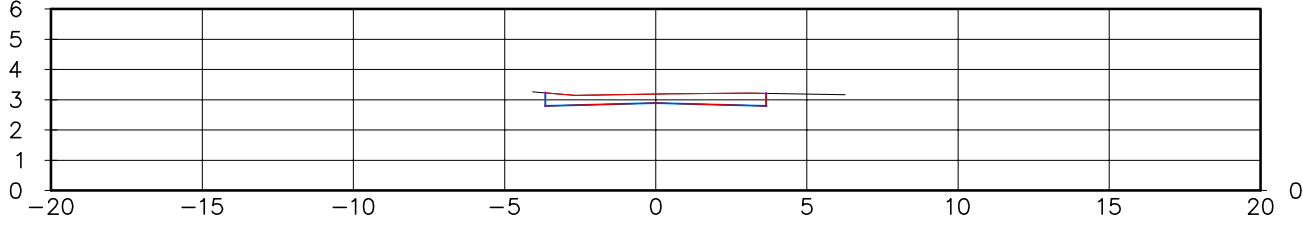
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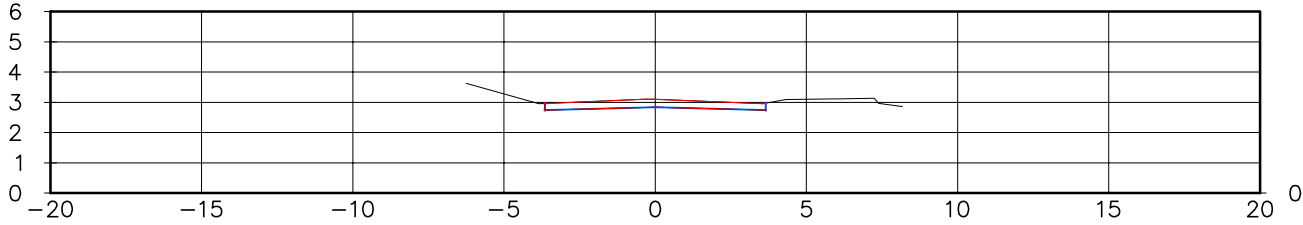
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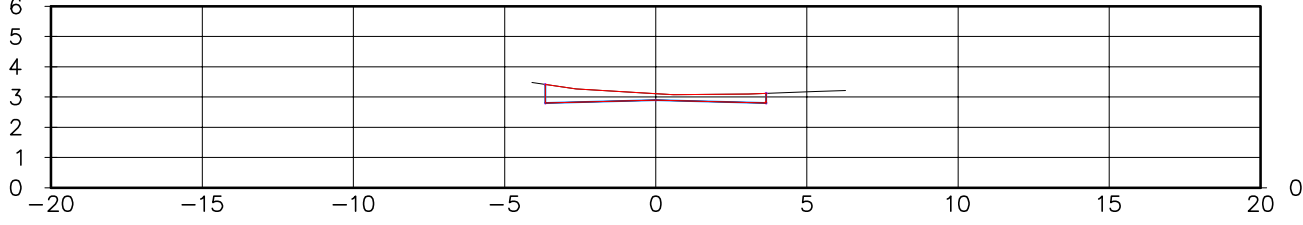
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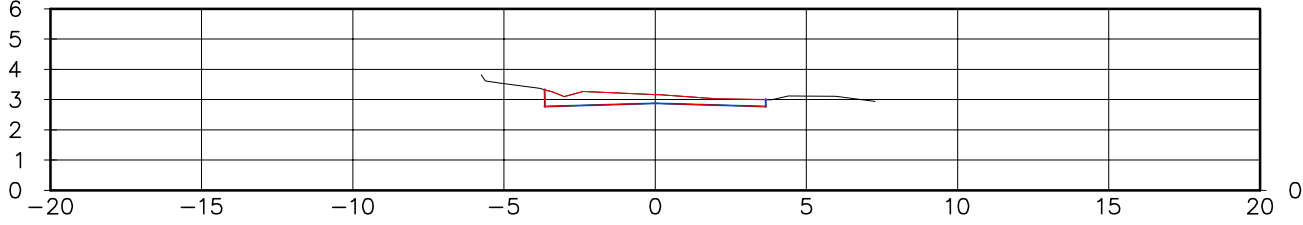
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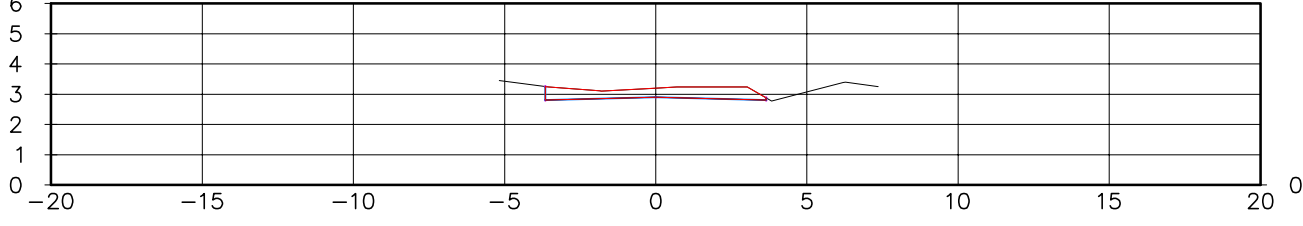
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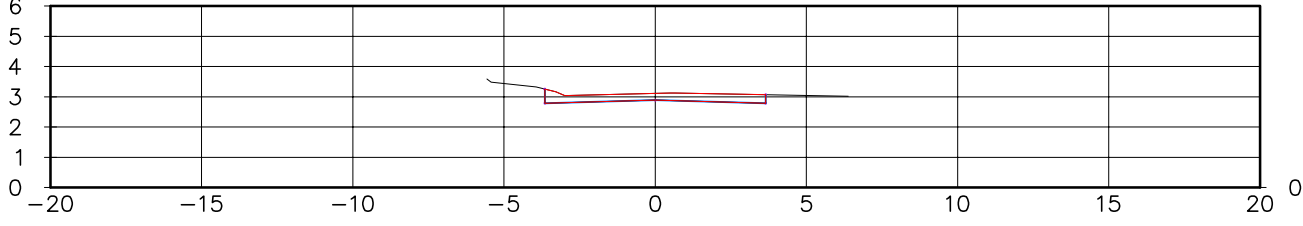
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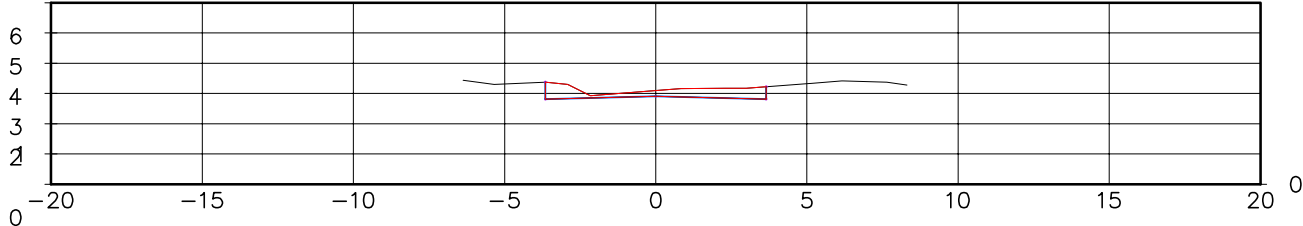
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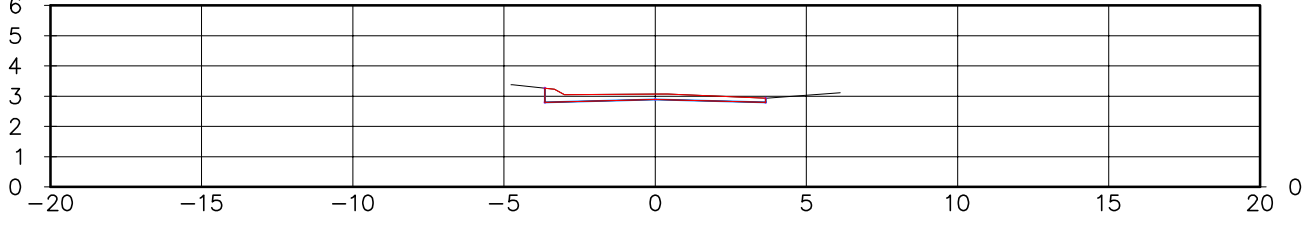
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0+600.00



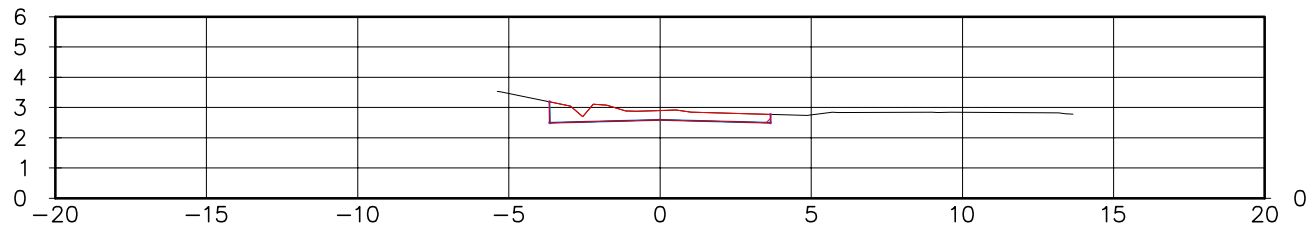
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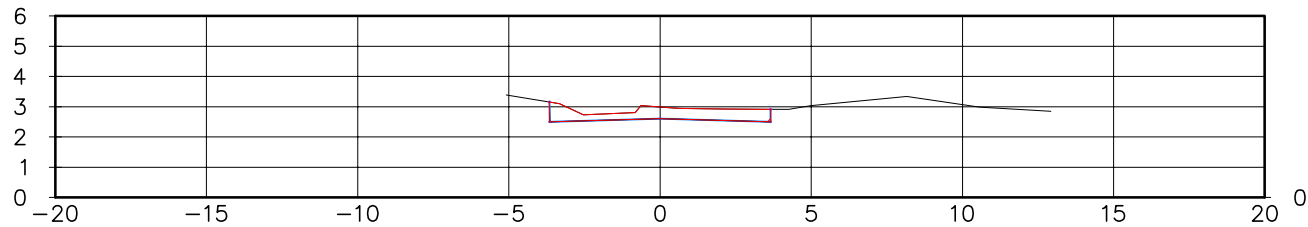
PROJETADO POR:	EQUIPE TÉCNICA		
RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:	
ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154	

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA BRASIL		
ESCALA:	1:250	DATA:
PRANCHA:	ST-04	AGOSTO/2015

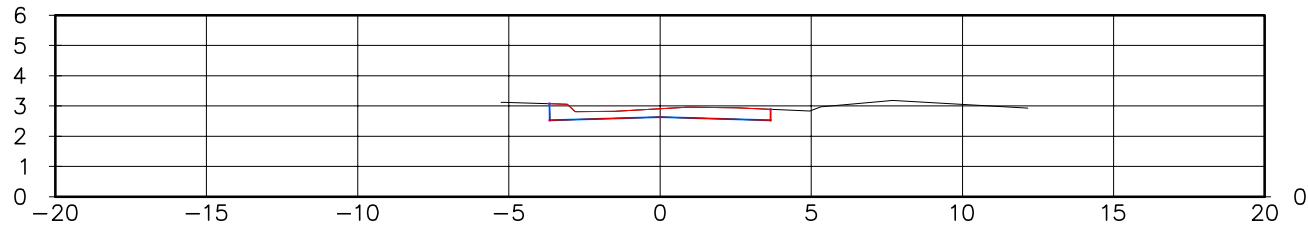
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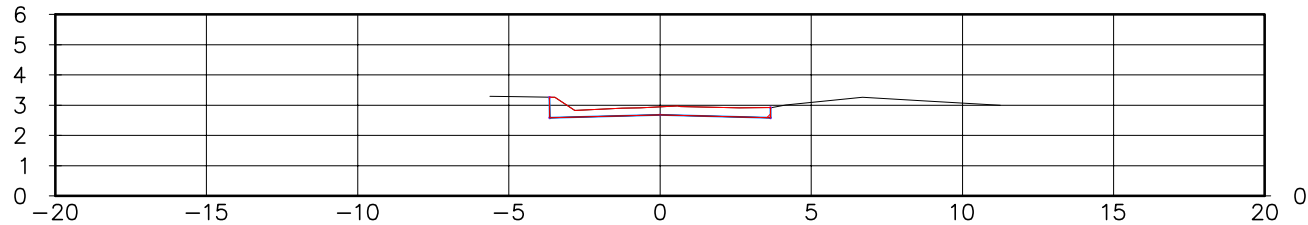
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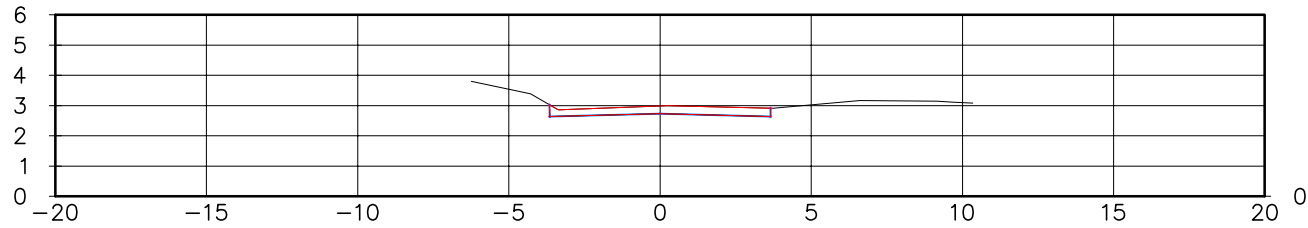
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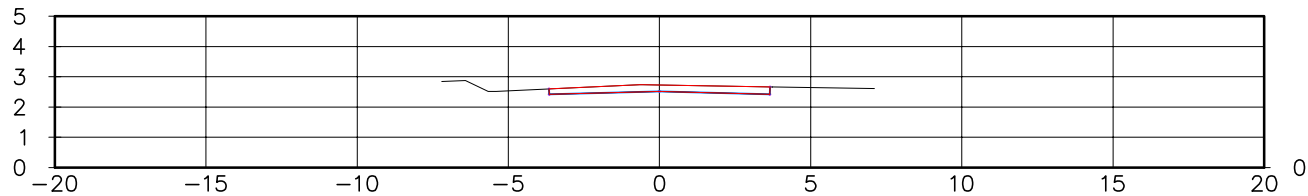
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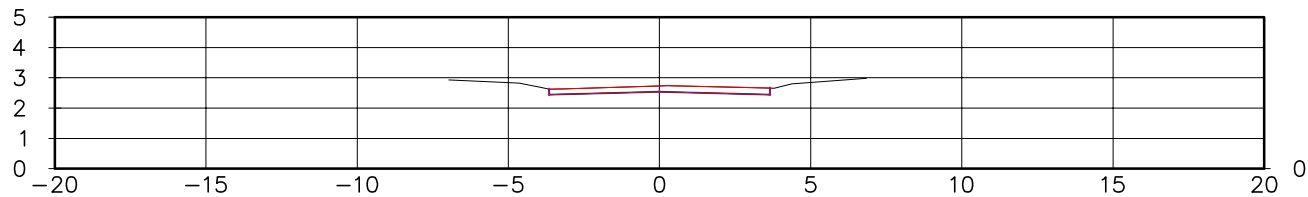
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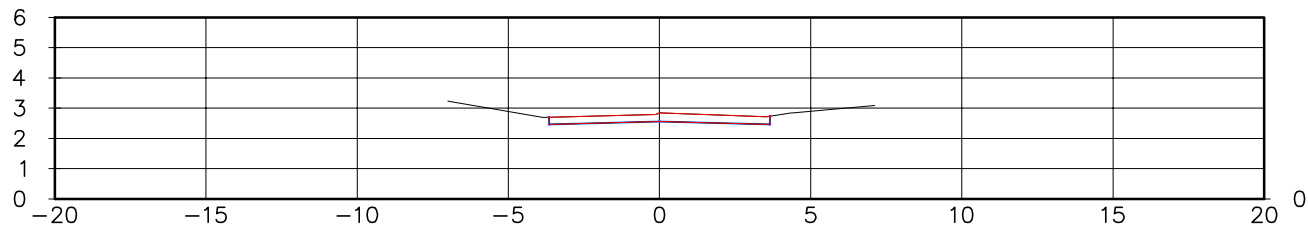
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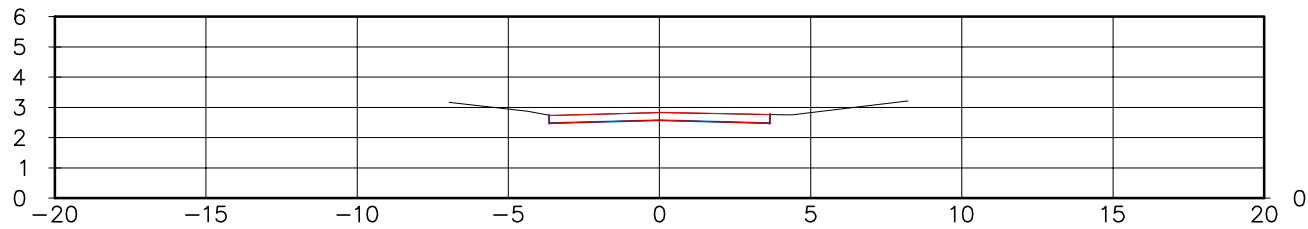
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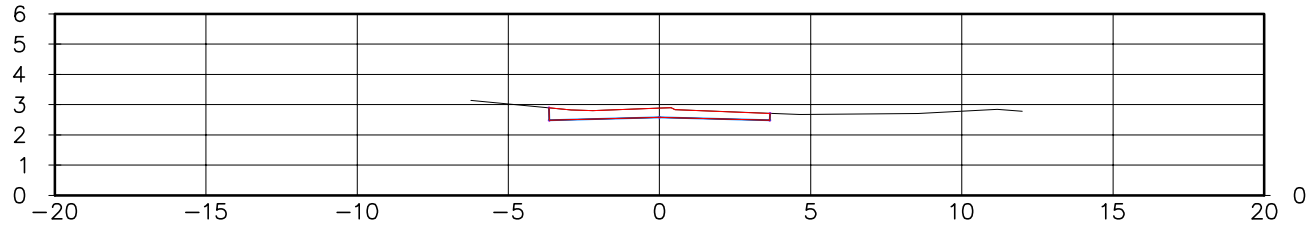
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0+920.00



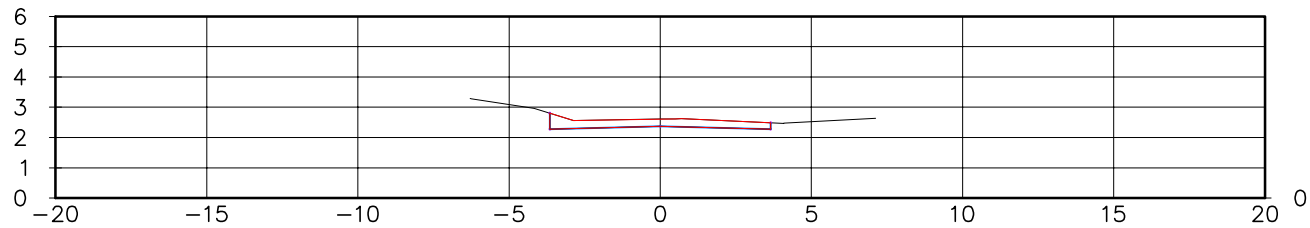
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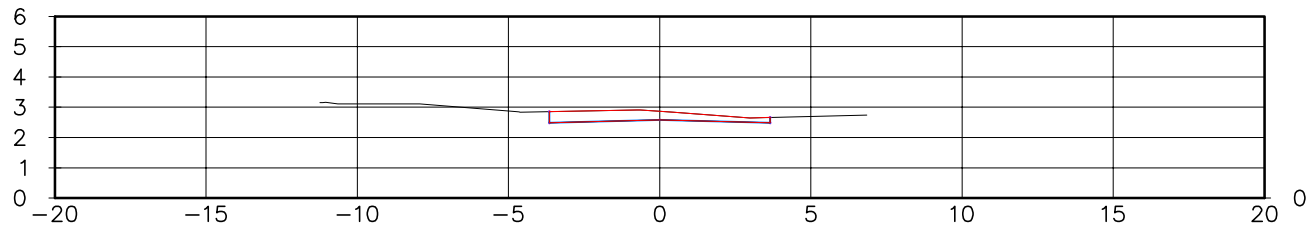
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA BRASIL		
		ESCALA: 1:250
		DATA: AGOSTO/2015
		PRANCHA: ST-05

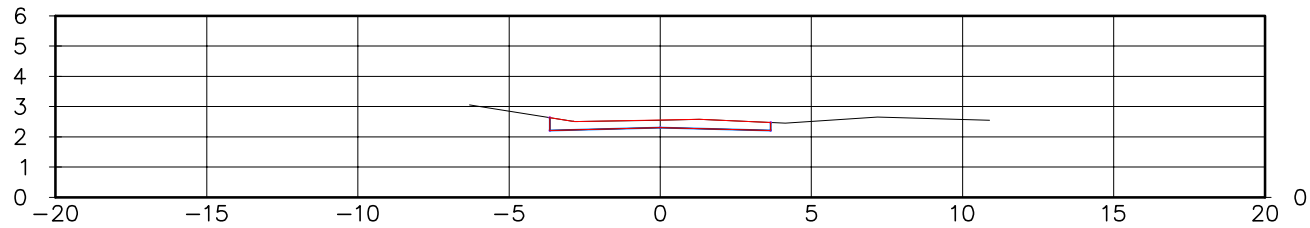
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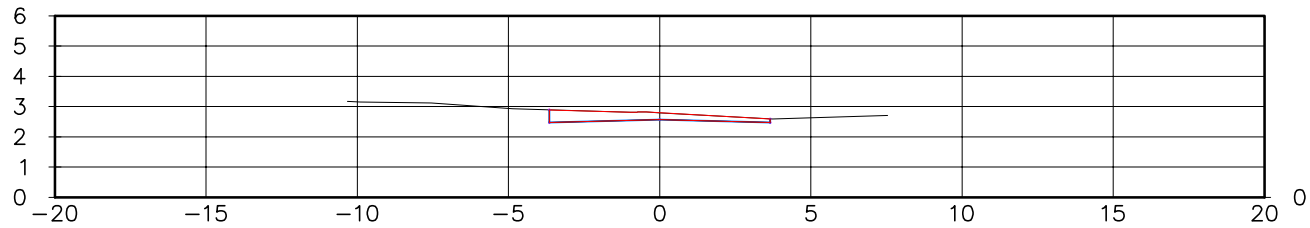
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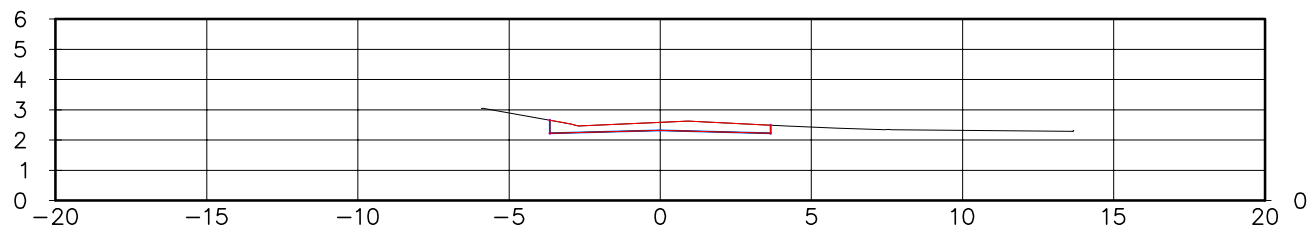
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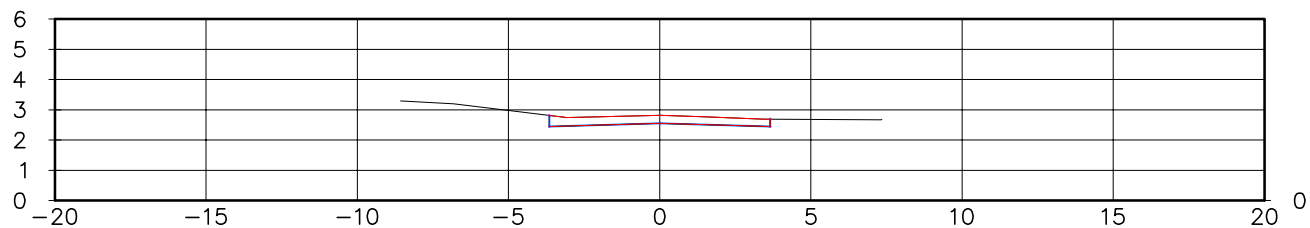
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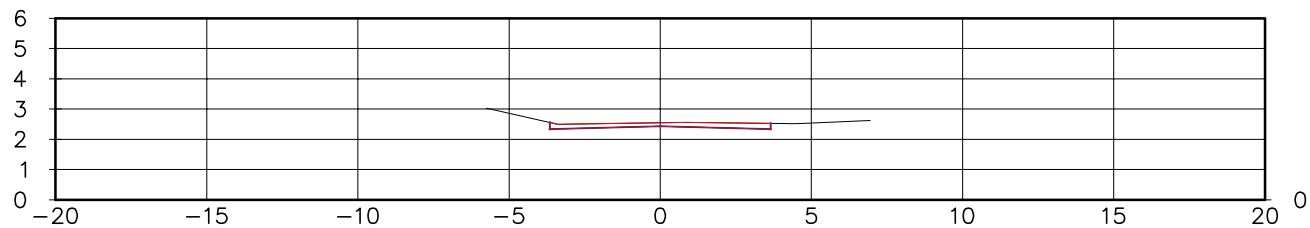
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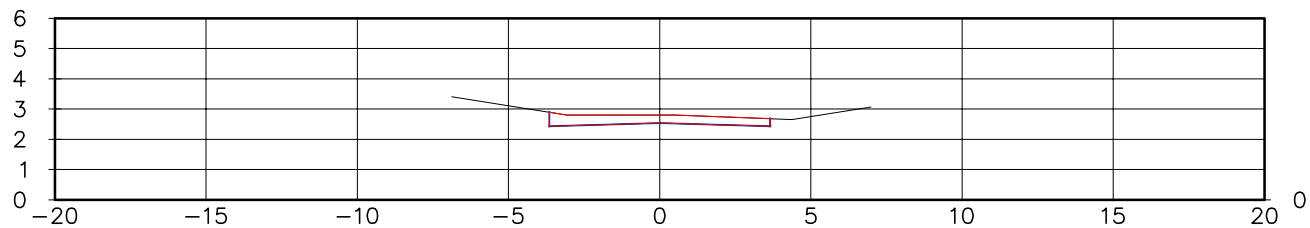
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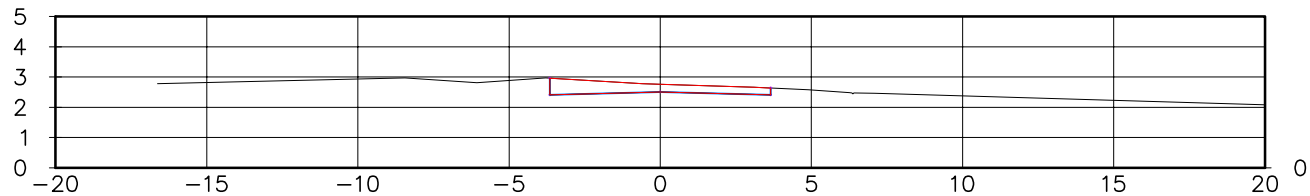
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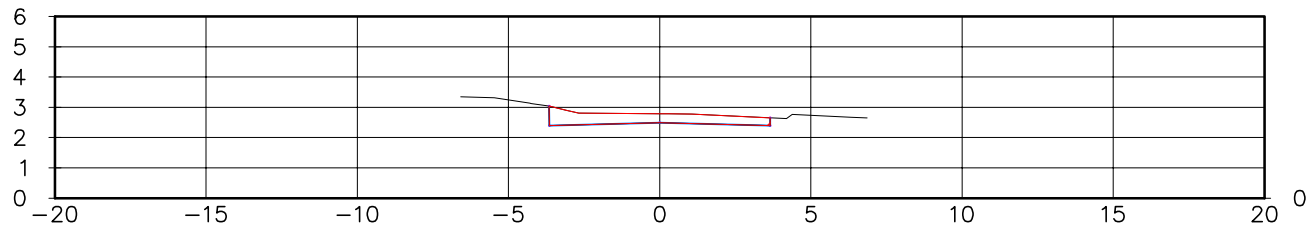
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1+000.00



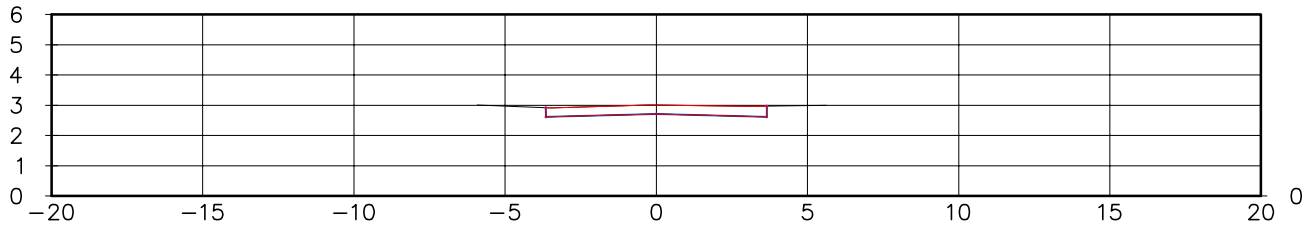
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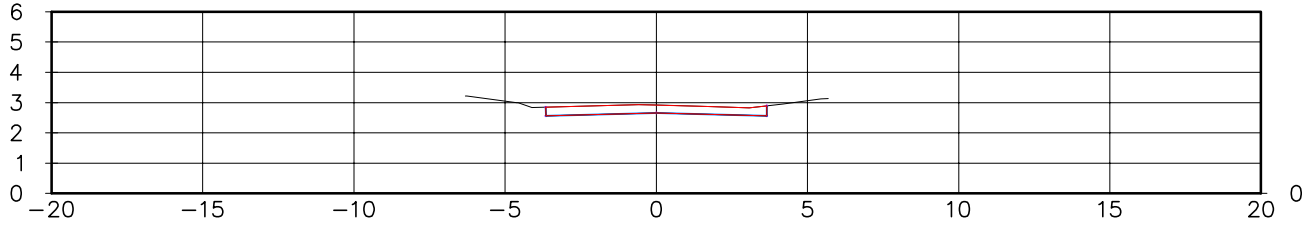
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA BRASIL		
	ESCALA: 1:250 DATA: AGOSTO/2015 PRANCHA: ST-06	

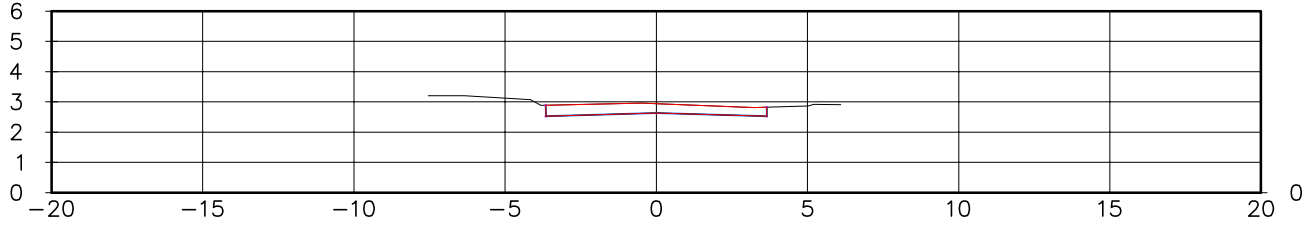
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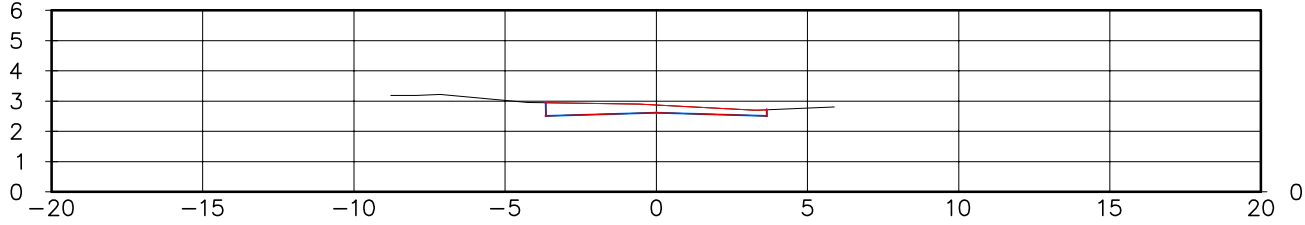
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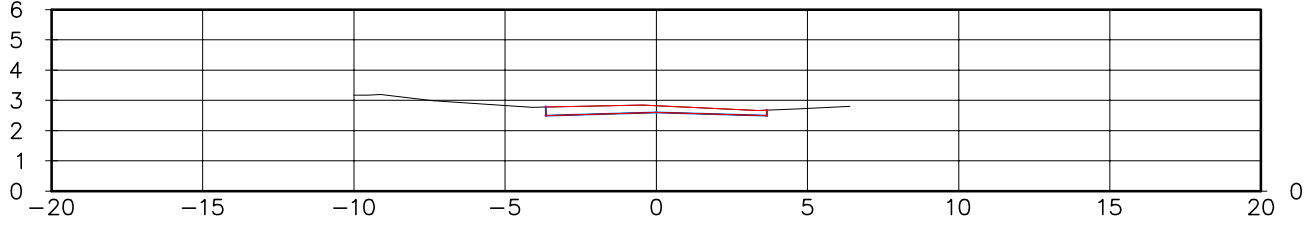
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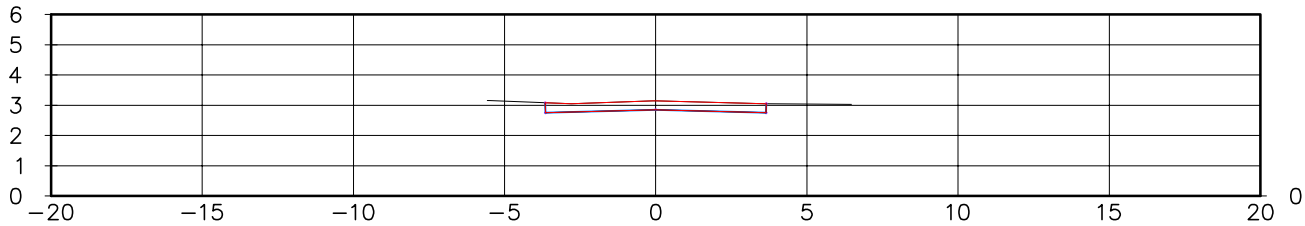
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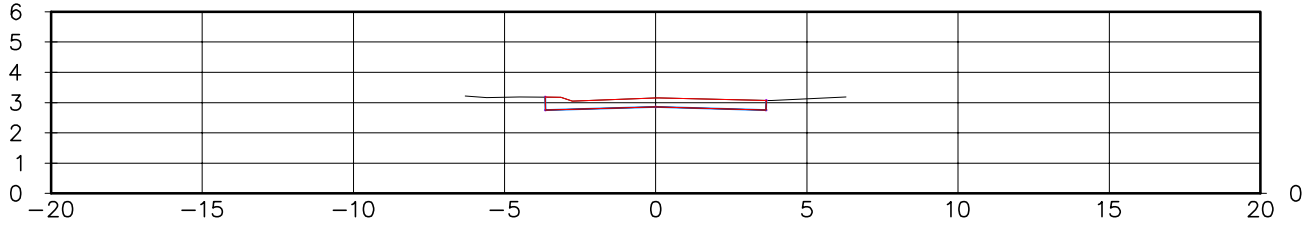
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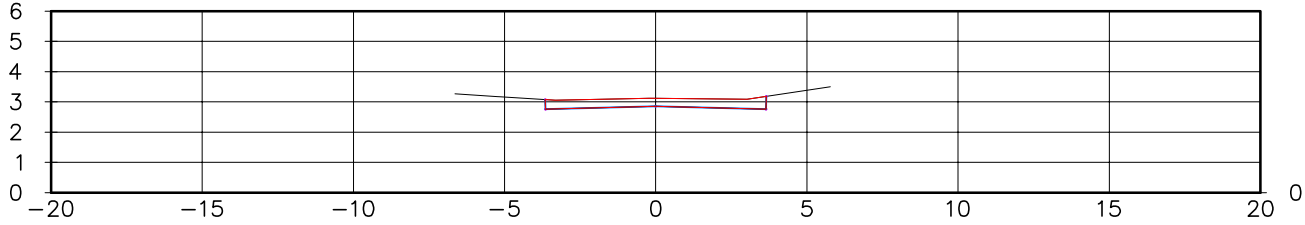
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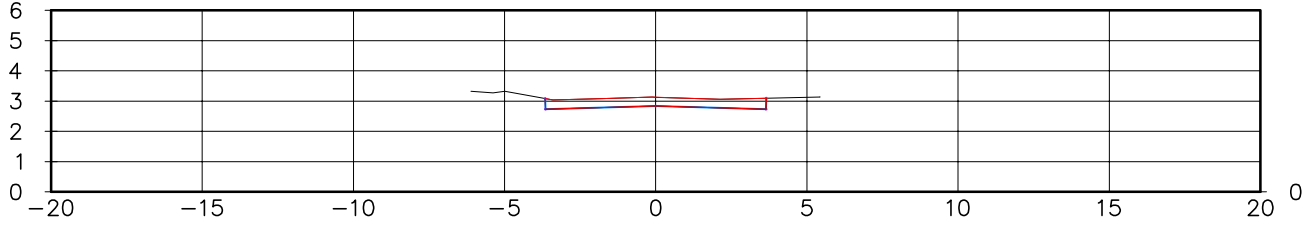
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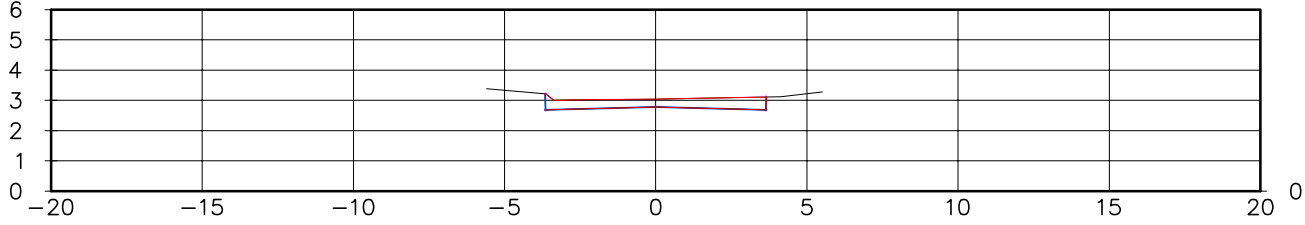
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1+320.00



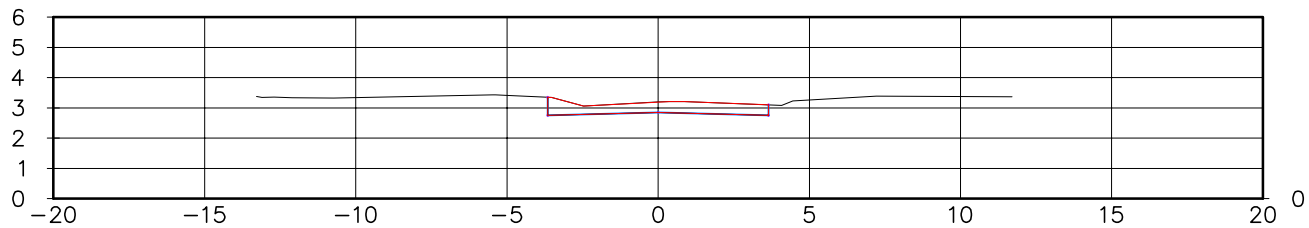
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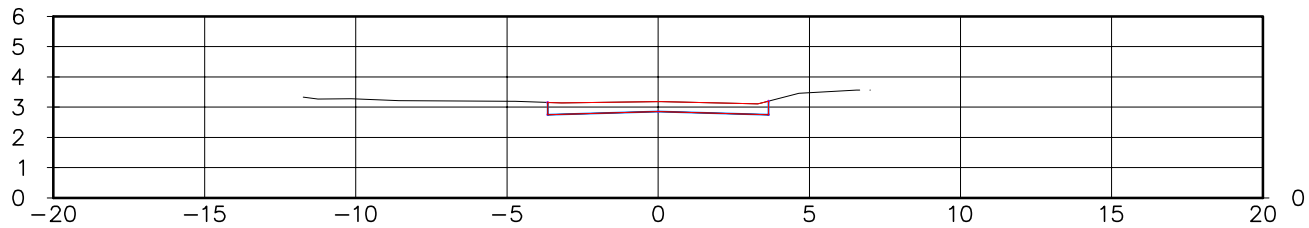
PROJETADO POR:		EQUIPE TÉCNICA	
RESPONSÁVEL TÉCNICO:		COORDENADOR:	PROJETISTA:
		ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757 DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		ESCALA:
		1:250
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS		DATA: AGOSTO/2015
SEÇÃO TRANSVERSAL AVENIDA BRASIL		PRANCHA: ST-07

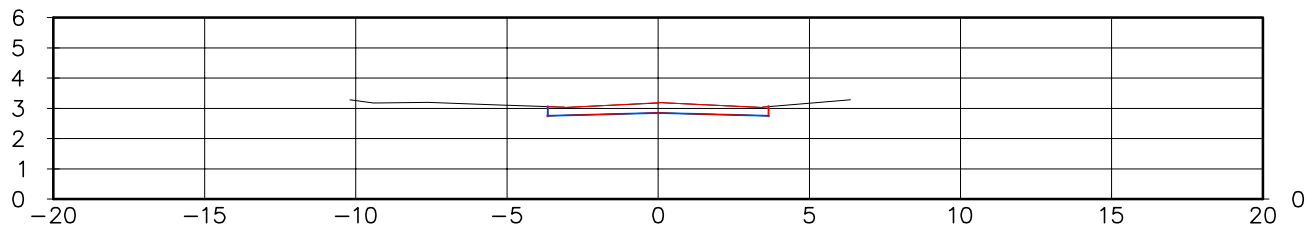
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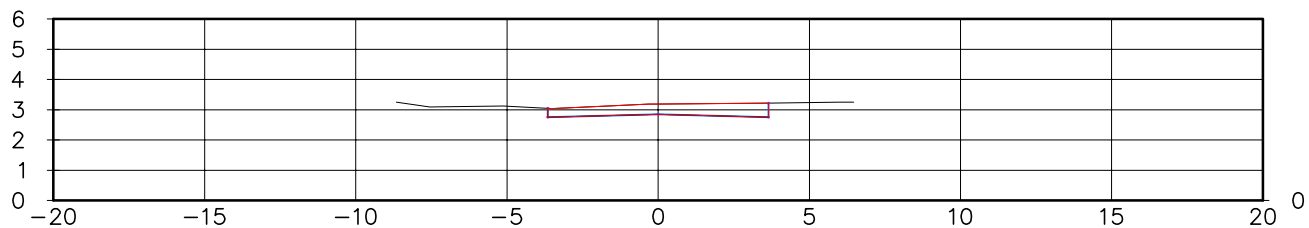
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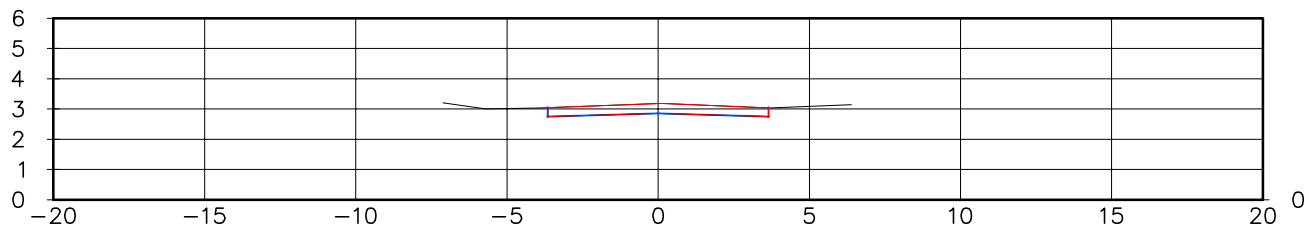
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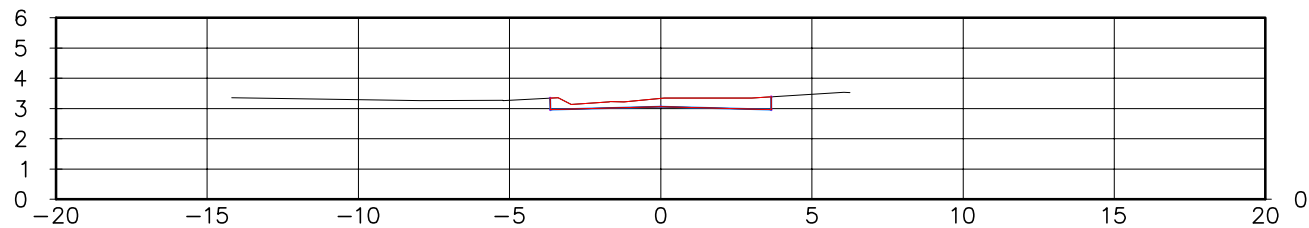
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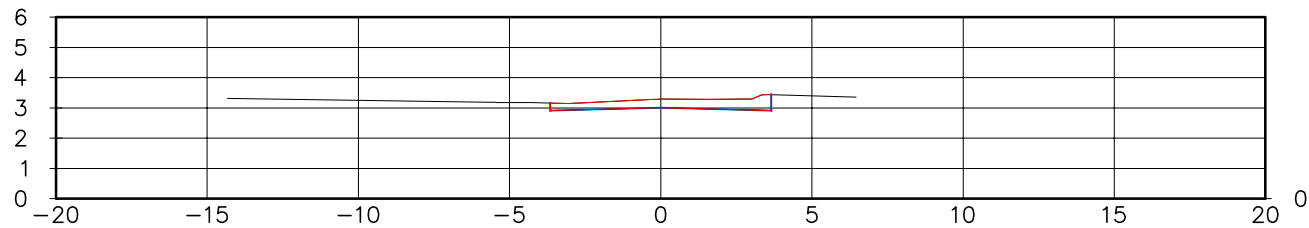
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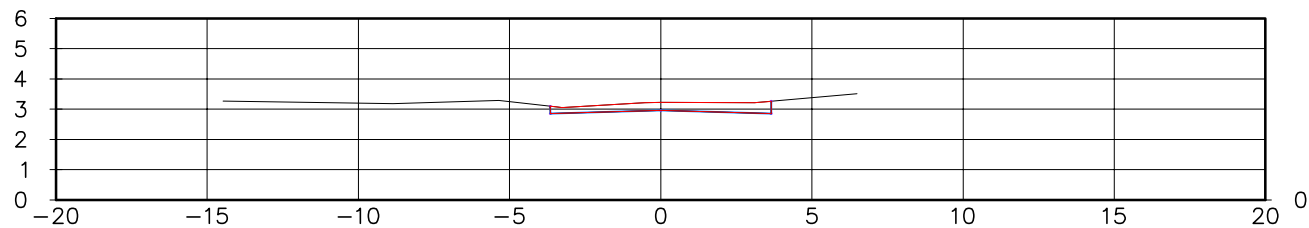
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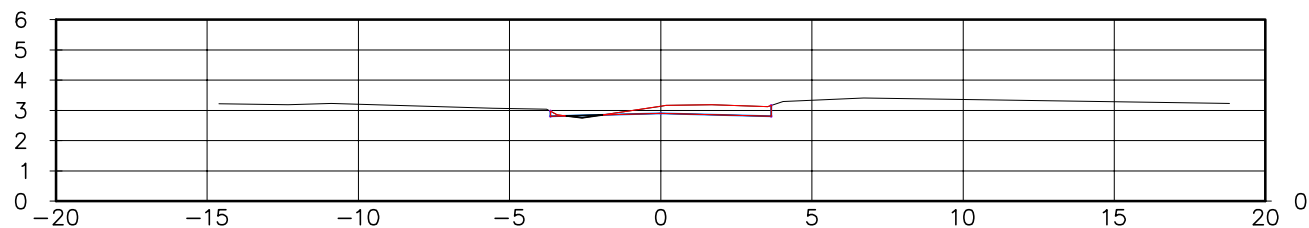
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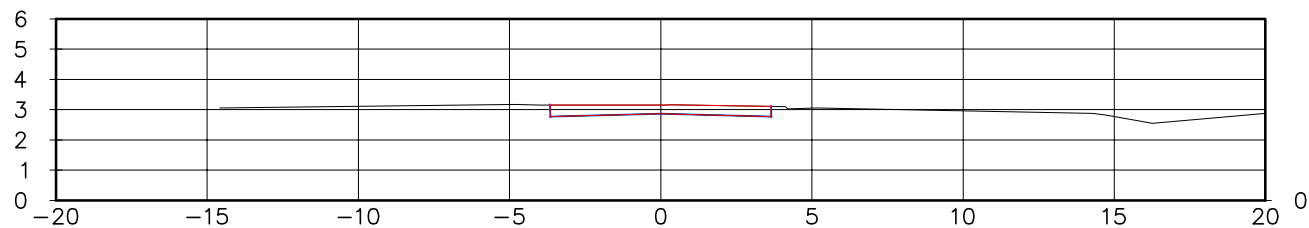
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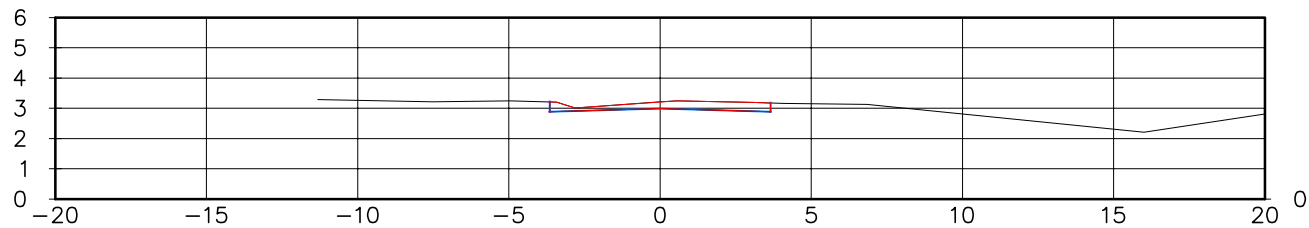
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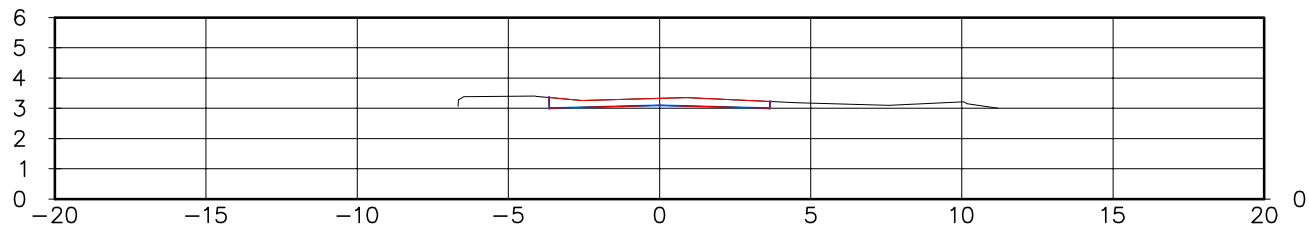
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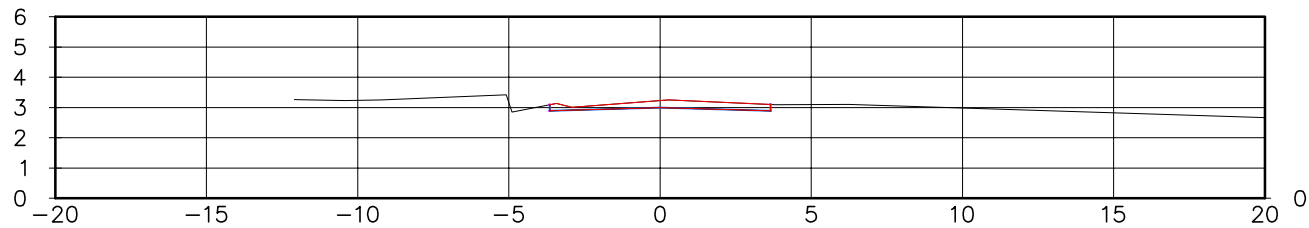
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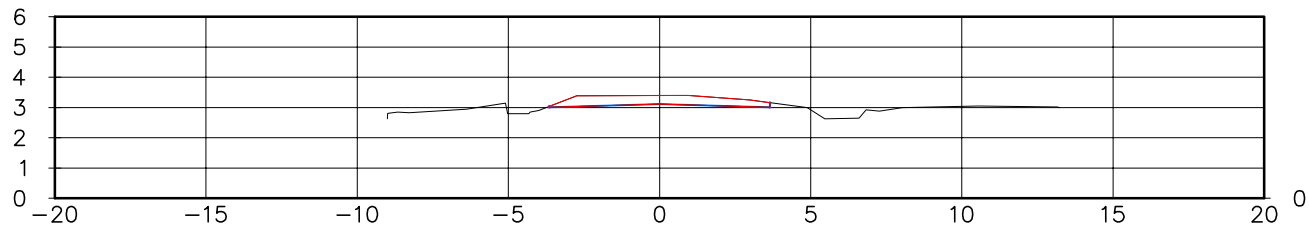
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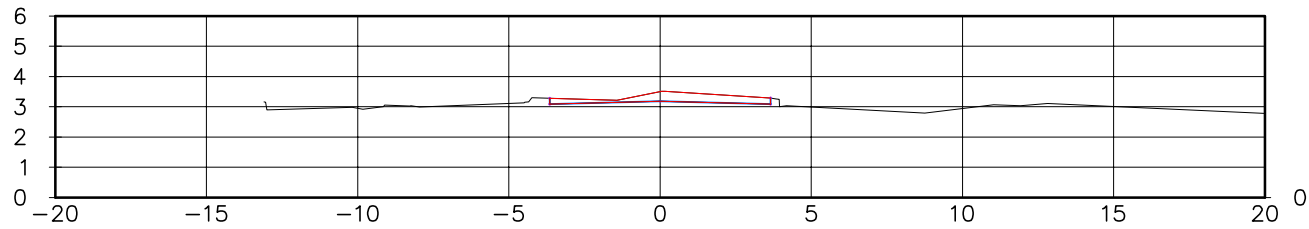
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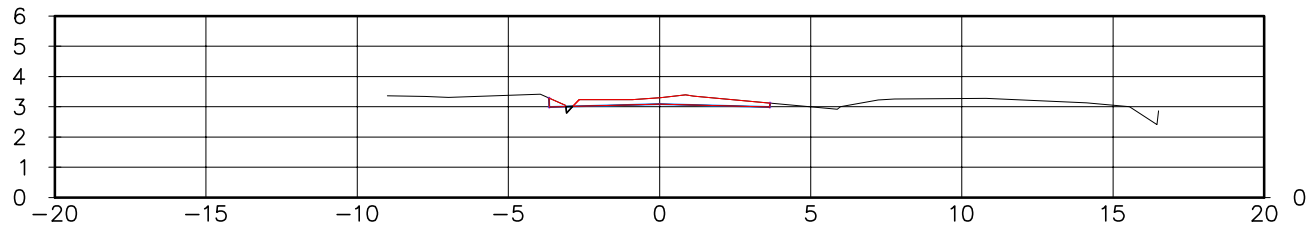
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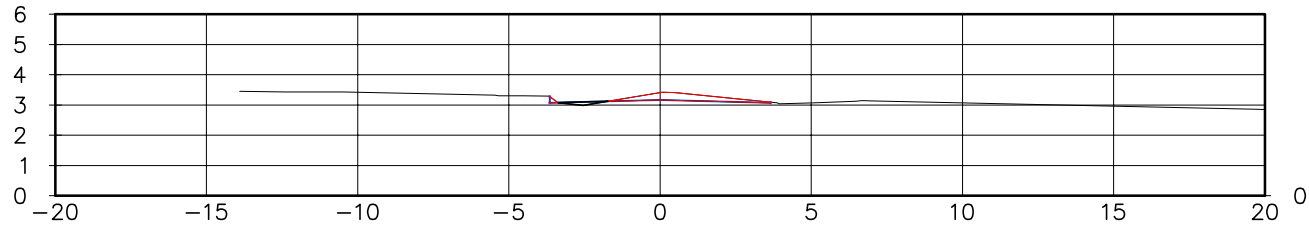
1+640.00



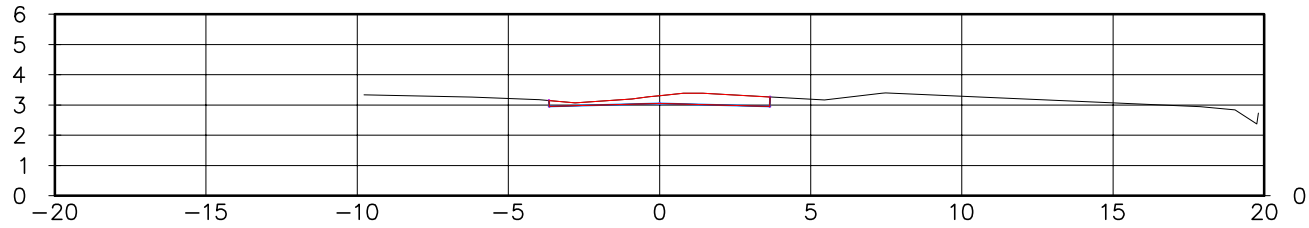
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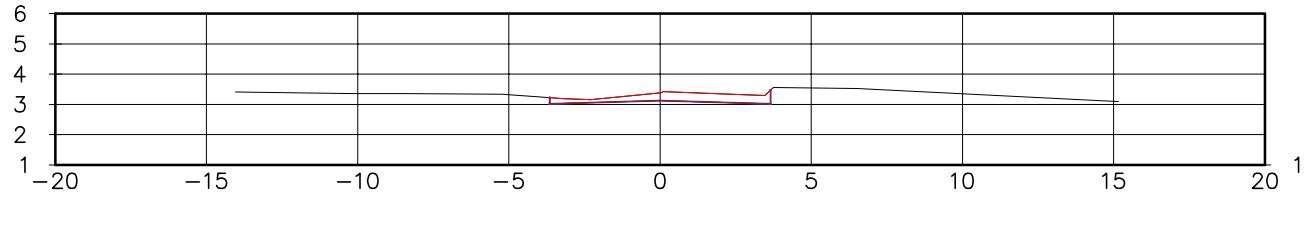
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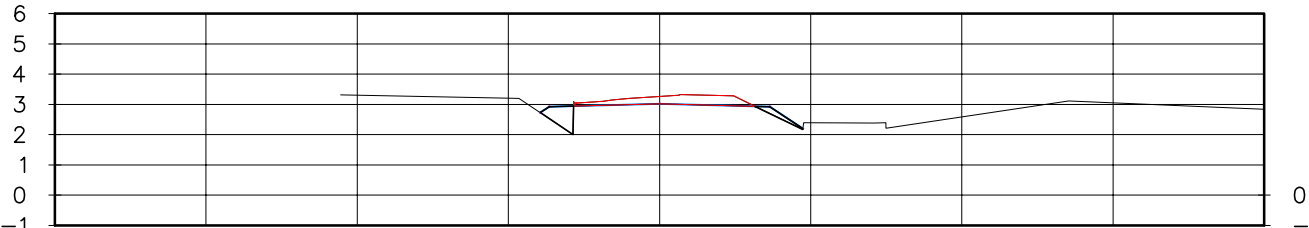
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1+600.00



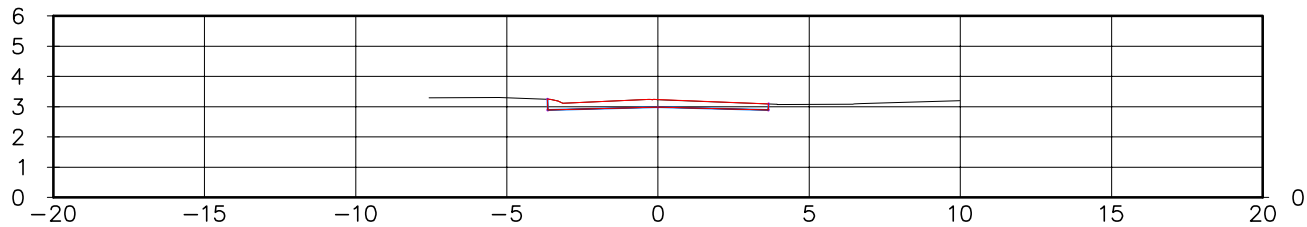
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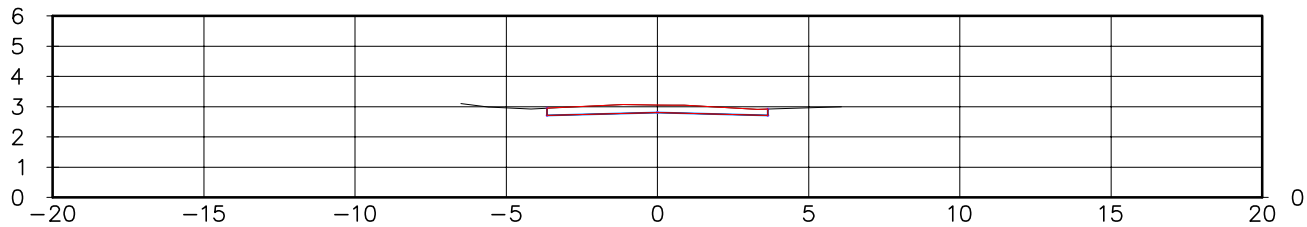
PROJETADO POR:		EQUIPE TÉCNICA	
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED	CYLON F. ROSA NETO	DARLAN TOMAZINI
	CREA 9.409	CREA 44.757	CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		ESCALA:
		1:250
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		DATA:
BALNEÁRIO CASSINO – RIO GRANDE/RS		AGOSTO/2015
SEÇÃO TRANSVERSAL		PRANCHA:
AVENIDA BRASIL		ST-09

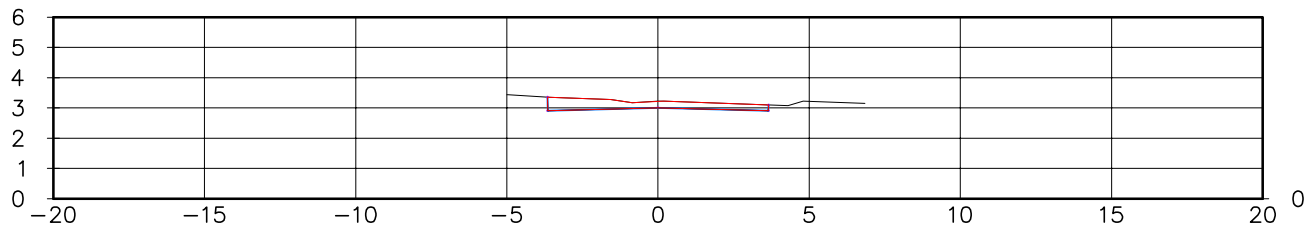
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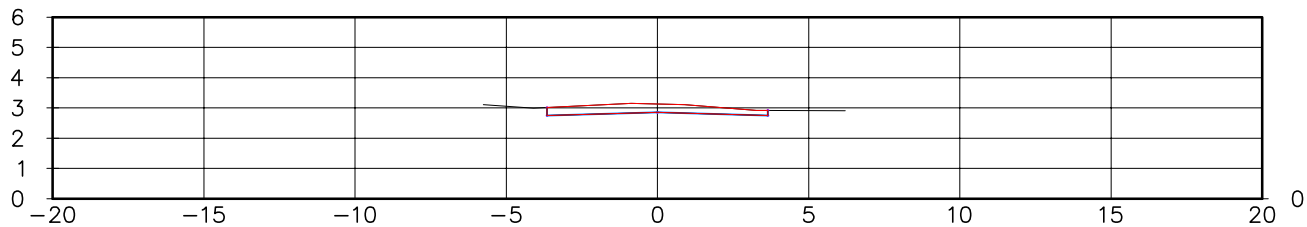
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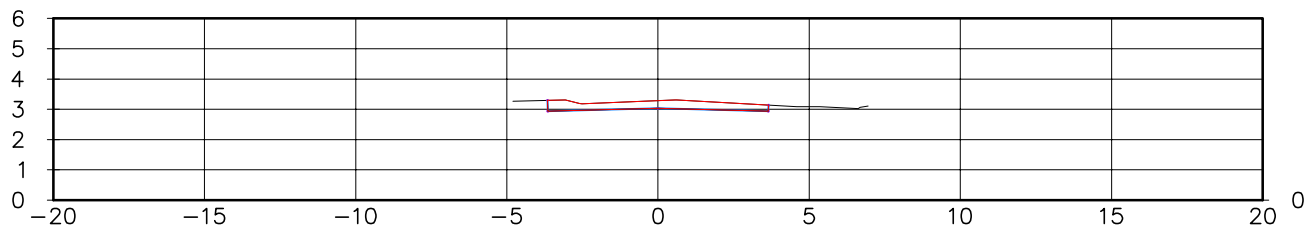
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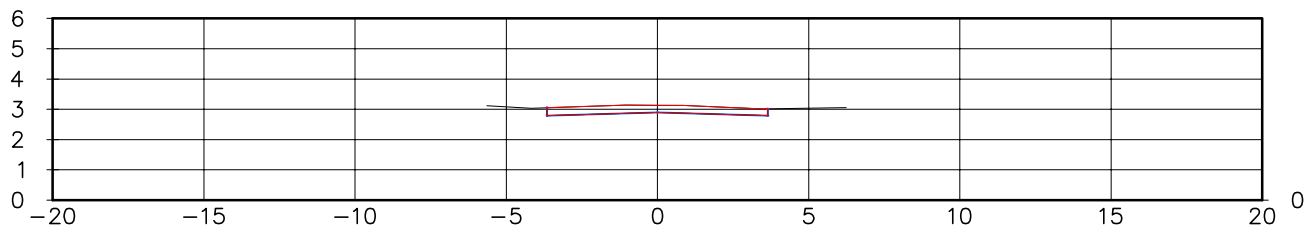
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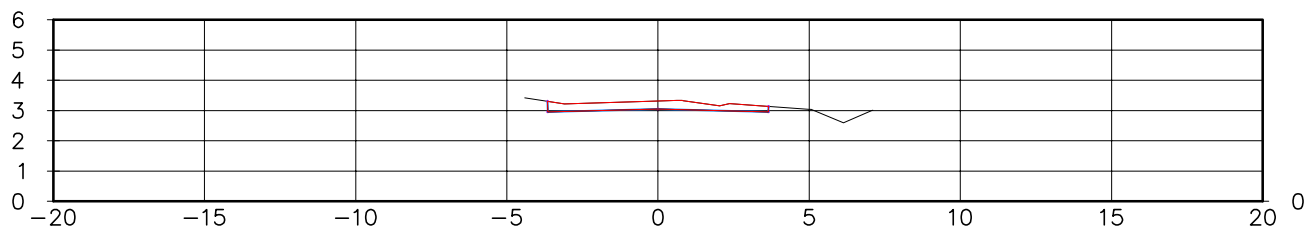
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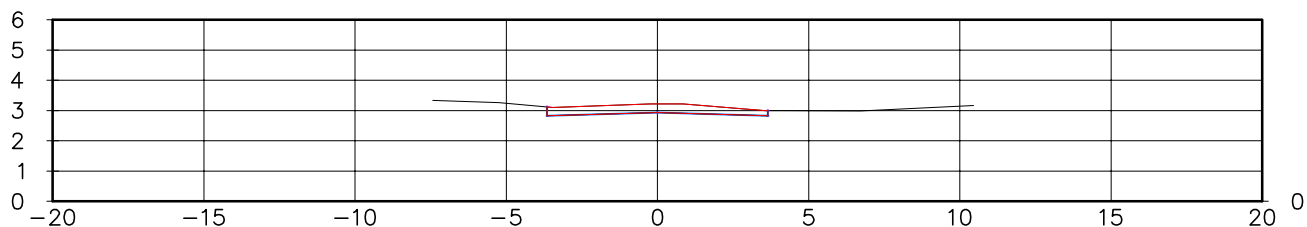
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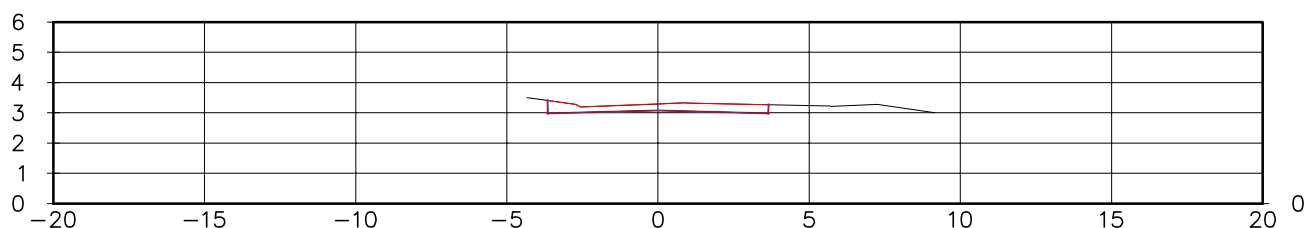
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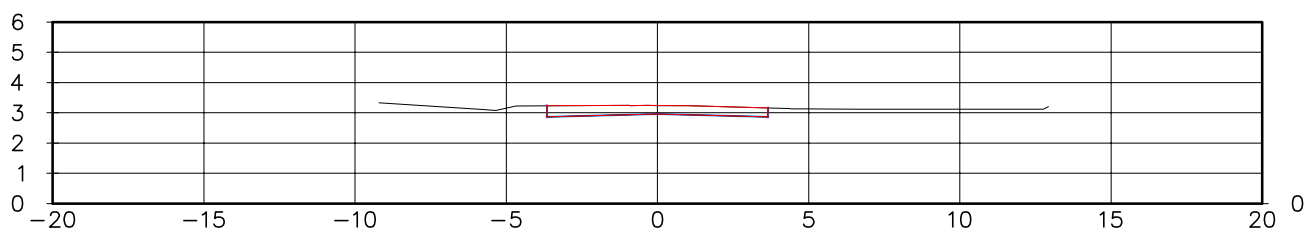
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1+800.00



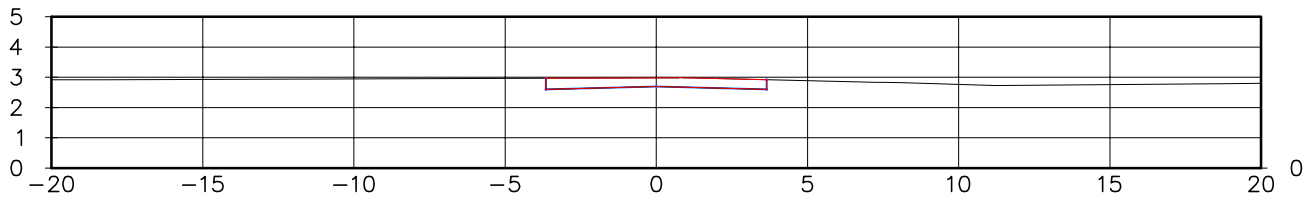
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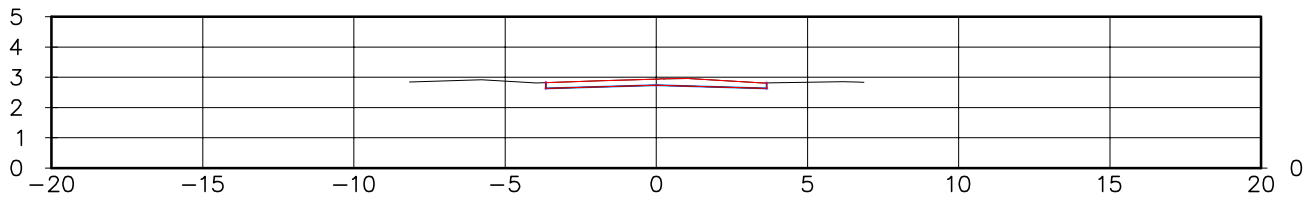
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA BRASIL		
ESCALA: 1:250		DATA: AGOSTO/2015
PRANCHA: ST-10		

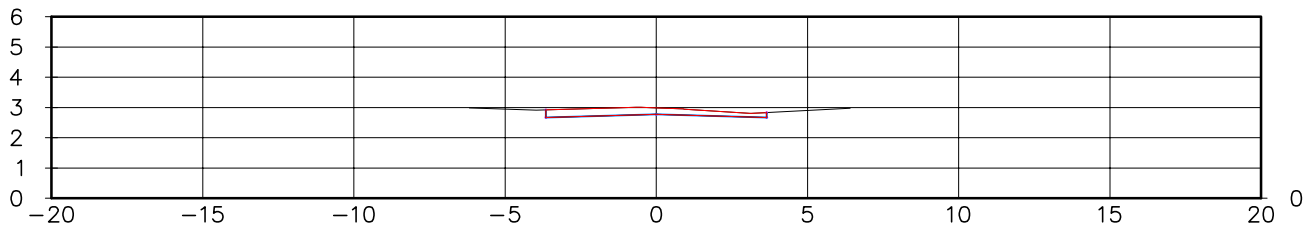
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2+020.00

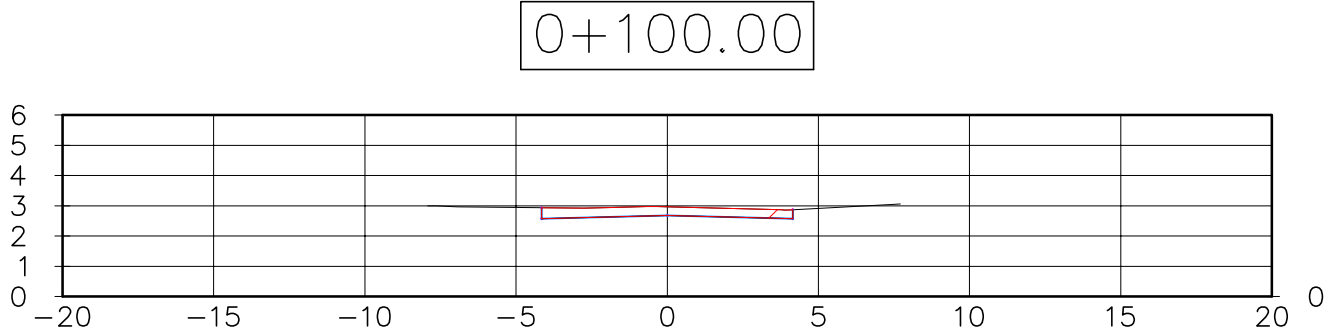
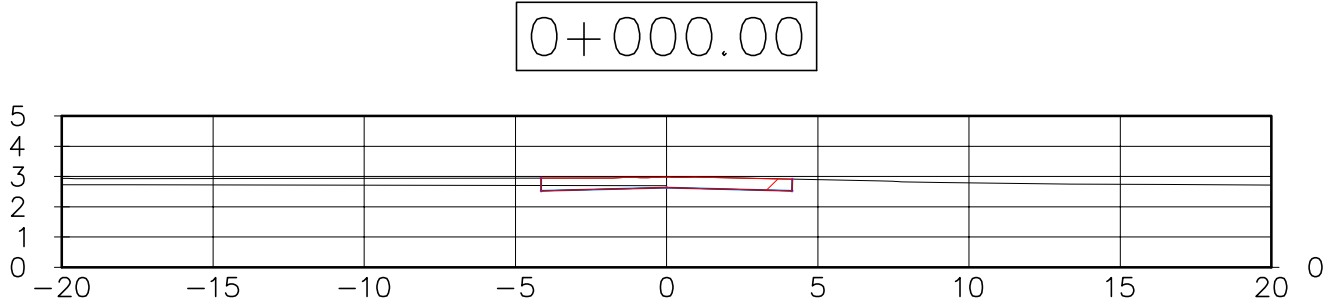
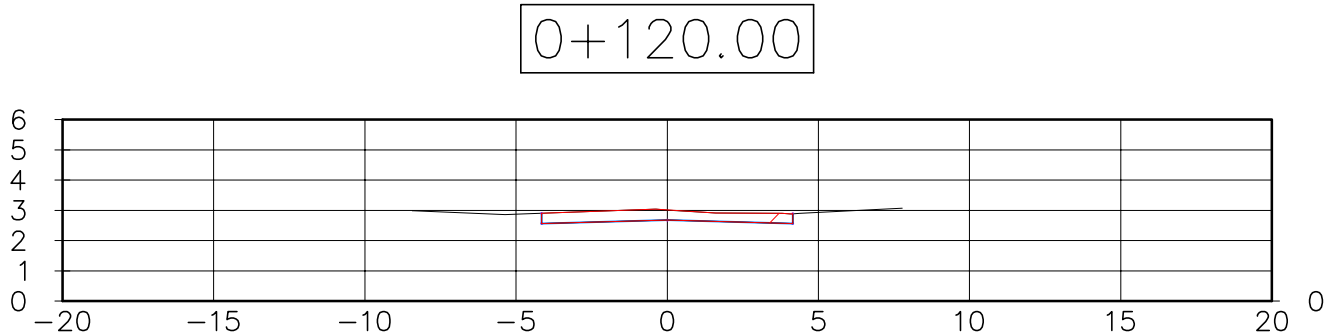
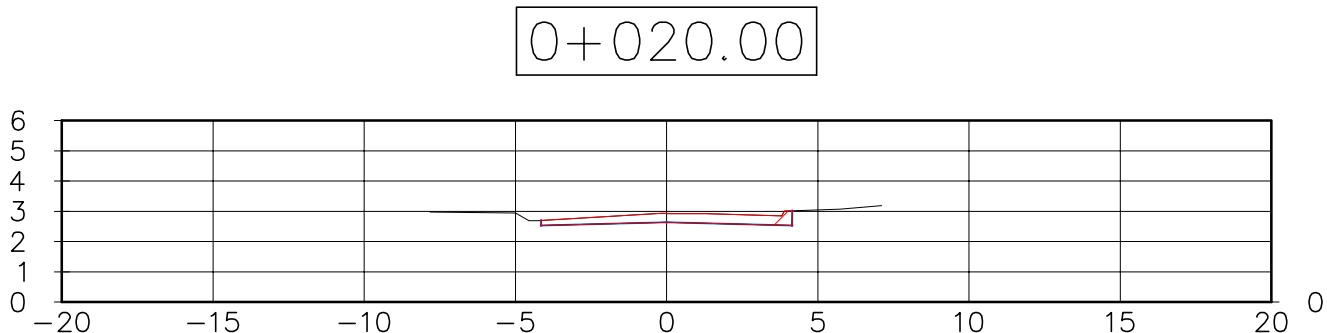
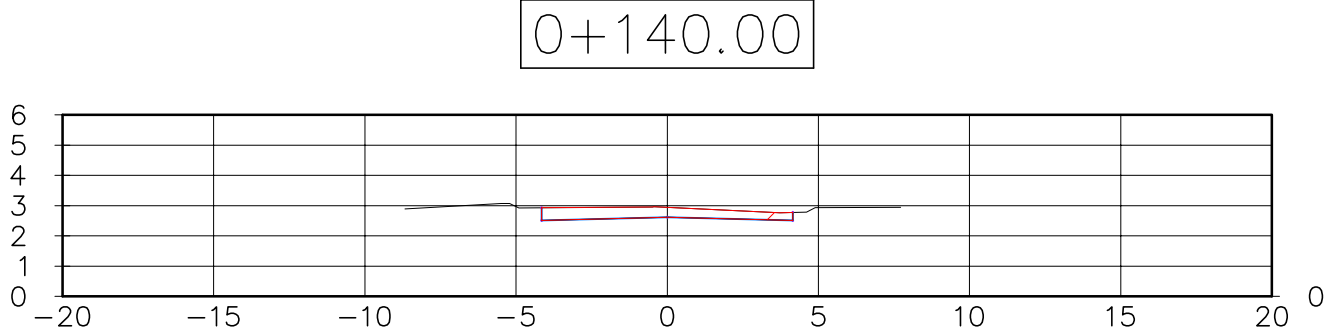
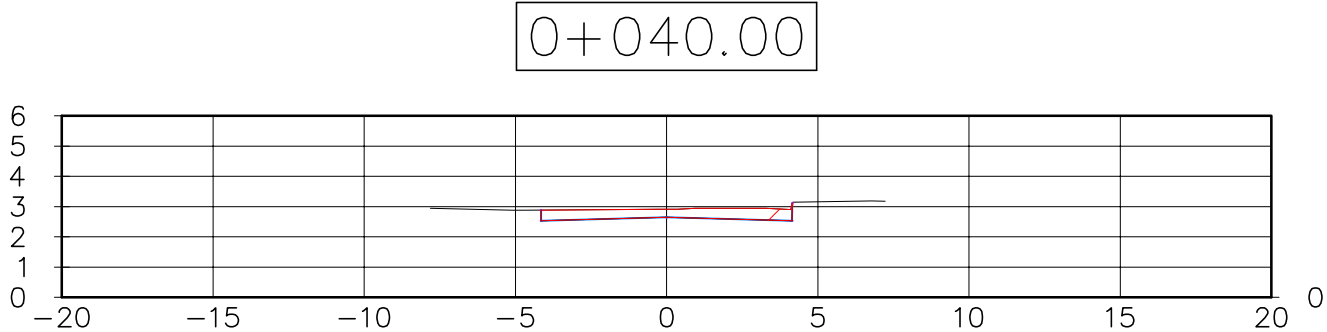
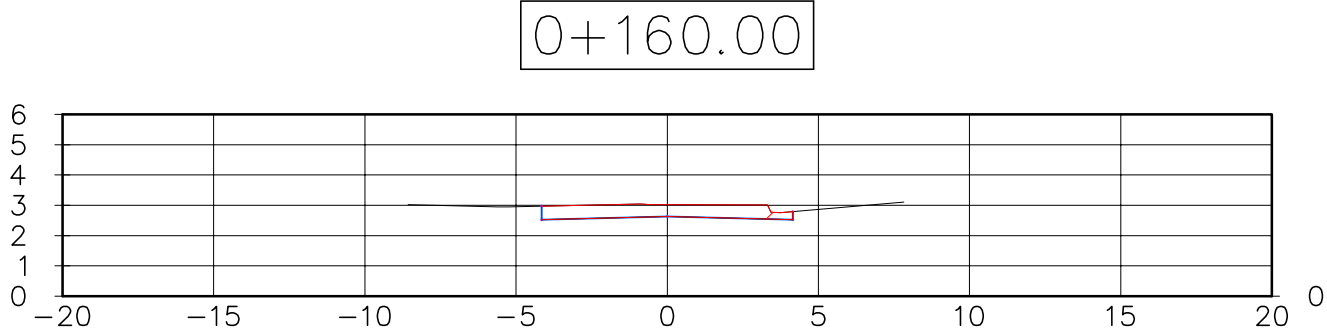
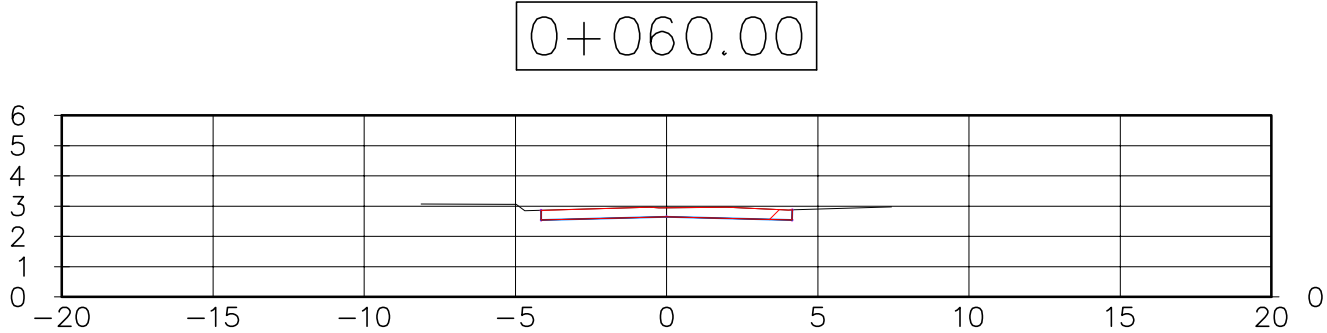
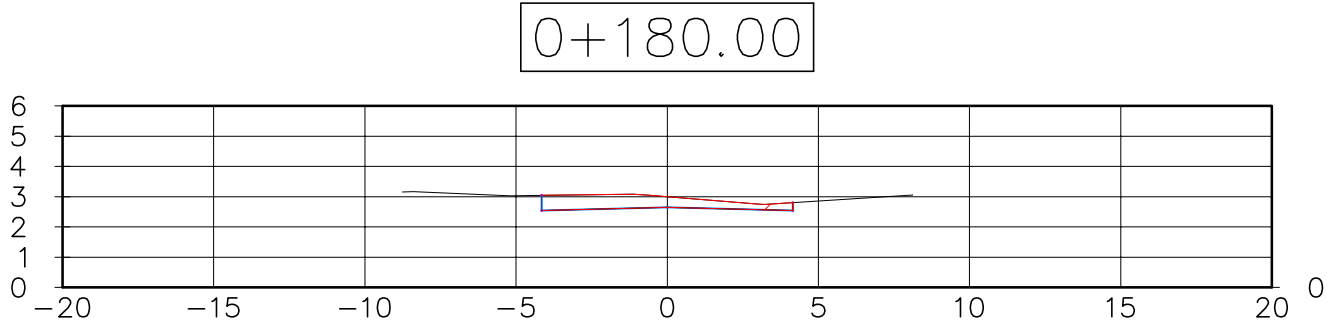
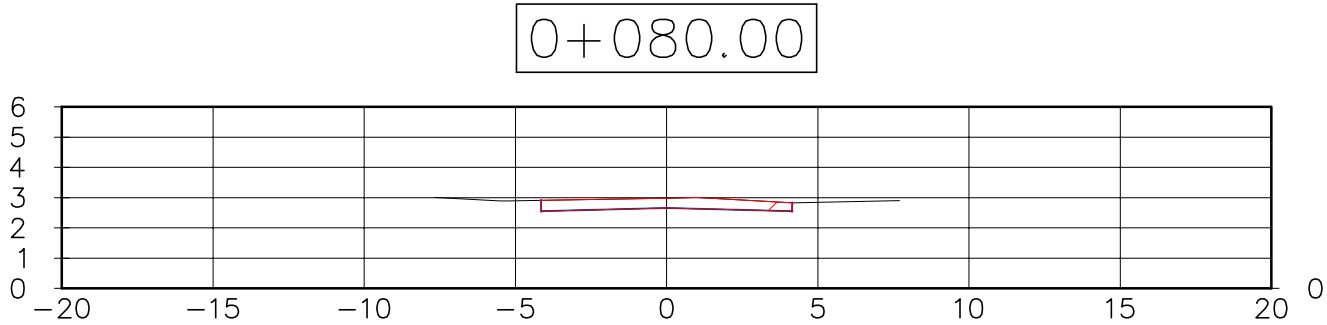



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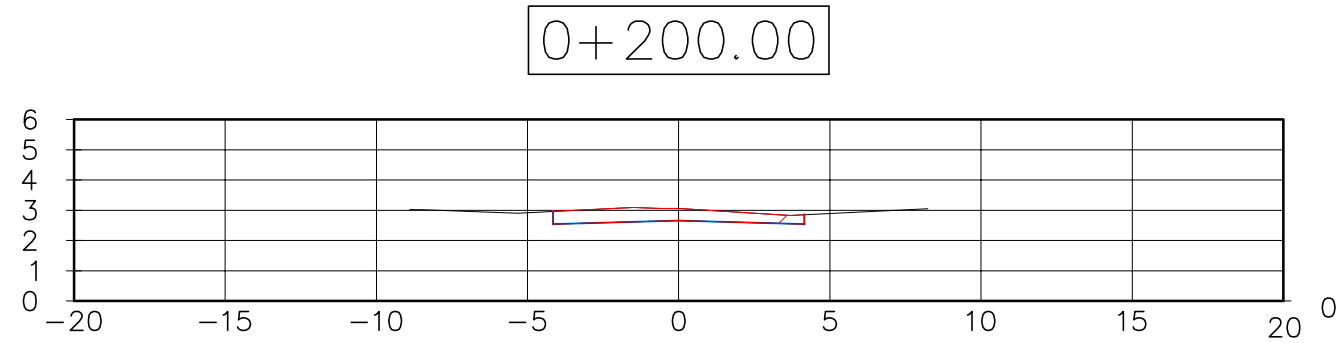
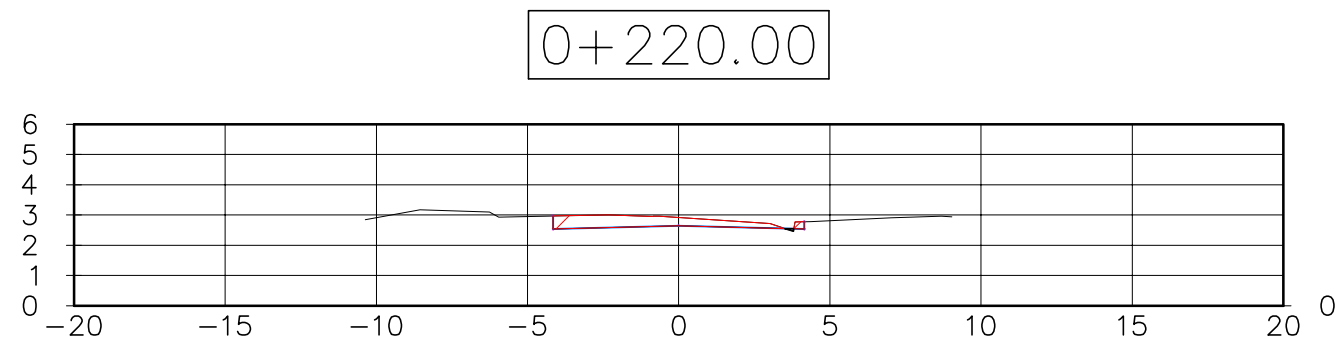
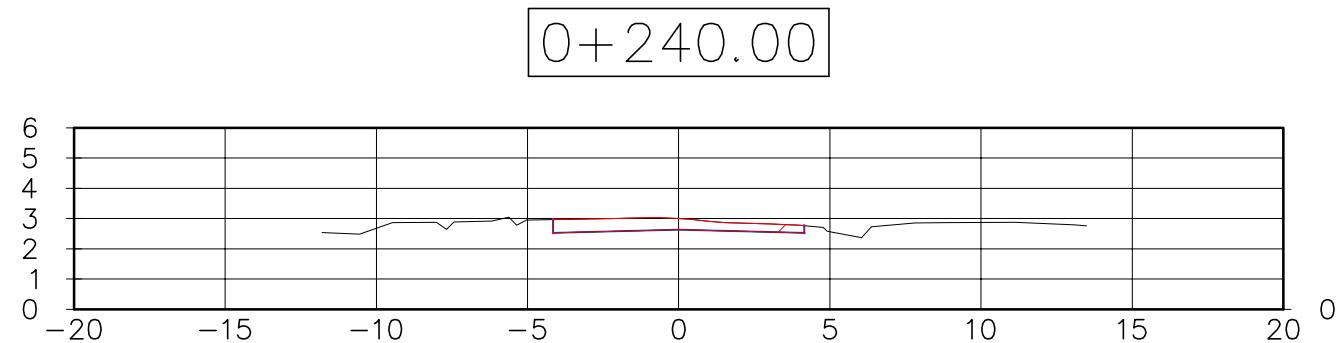
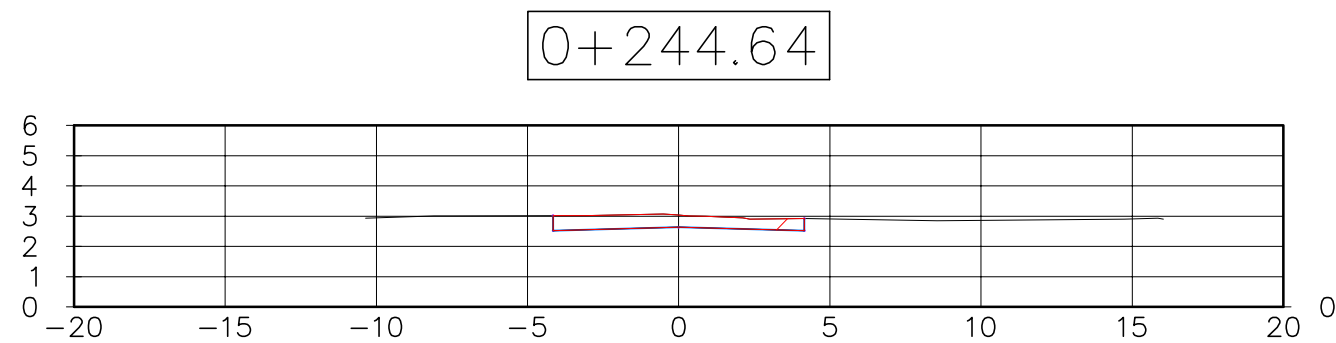
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154


PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
	SEÇÃO TRANSVERSAL AVENIDA BRASIL	DATA: AGOSTO/2015
		PRANCHA: ST-11



PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

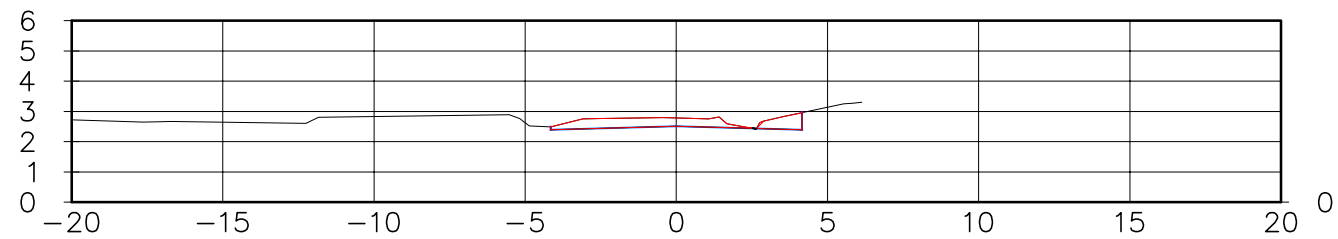
PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA QUERÊNCIA		
	ESCALA: 1:250 DATA: AGOSTO/2015 PRANCHA: ST-01	



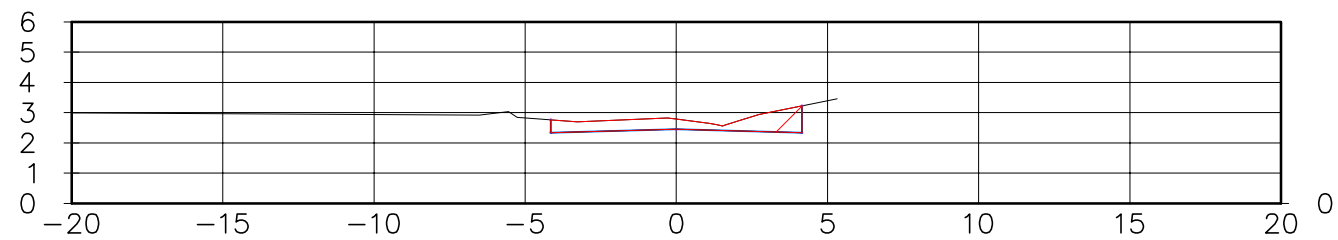
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHEID CREA 9.409	CYLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
	SEÇÃO TRANSVERSAL AVENIDA QUERÊNCIA	DATA: AGOSTO/2015
		PRANCHA: ST-02

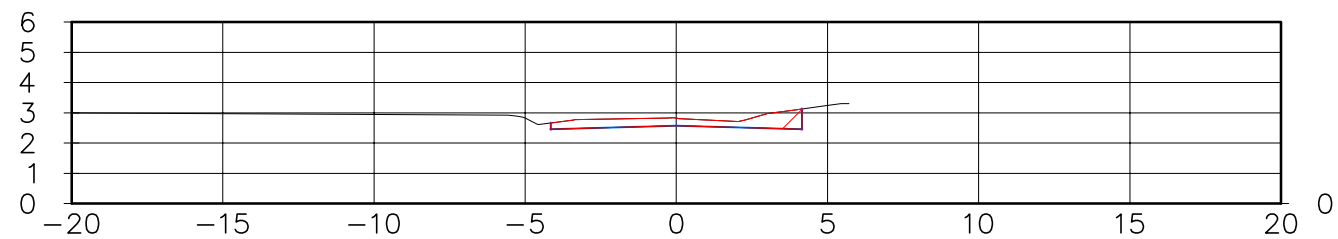
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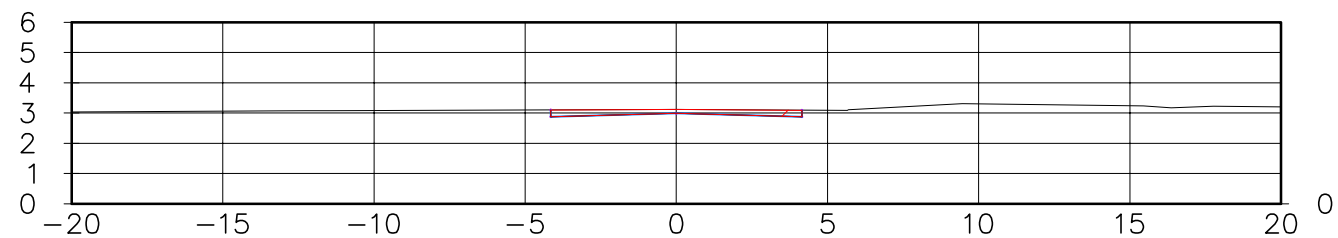
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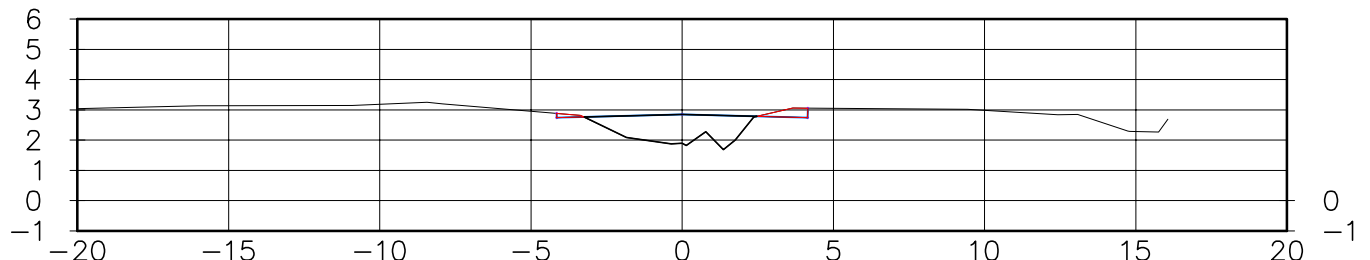
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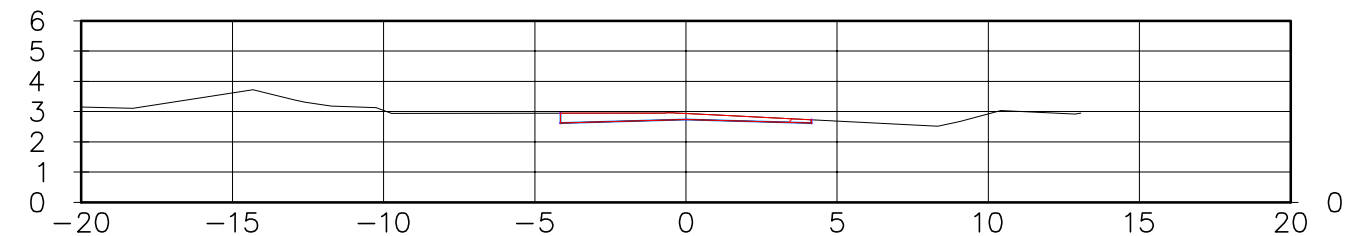
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0+100.00



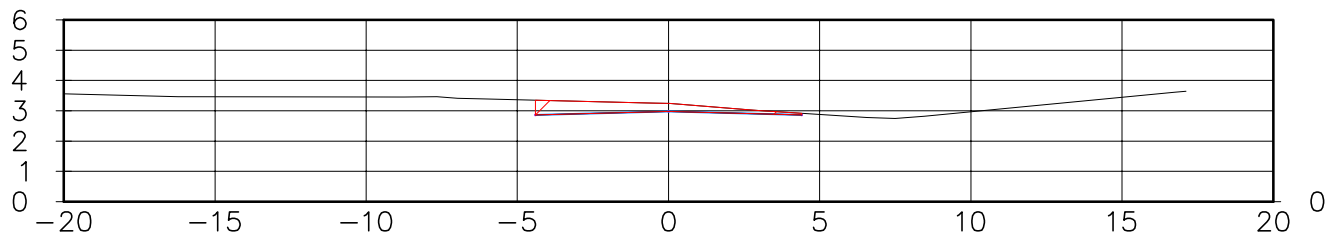
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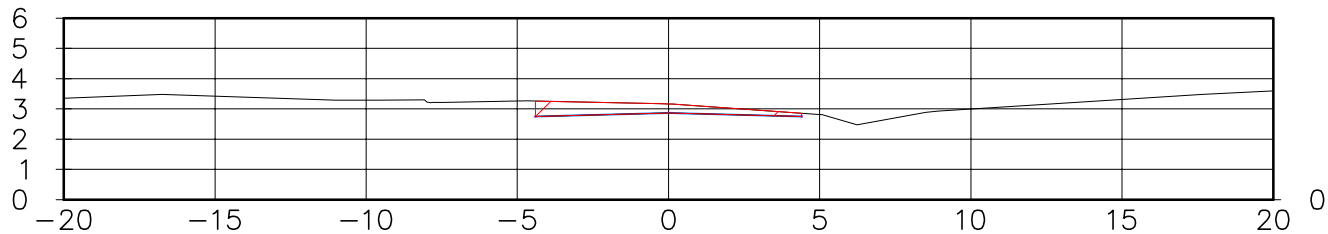
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
	SEÇÃO TRANSVERSAL RUA G	DATA: AGOSTO/2015
		PRANCHA: ST-01

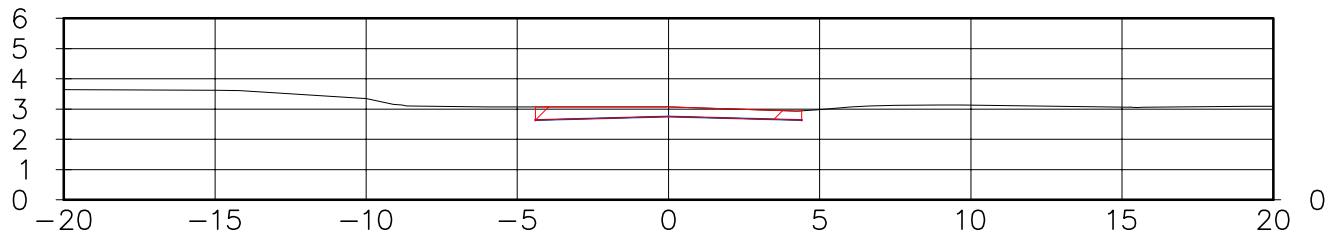
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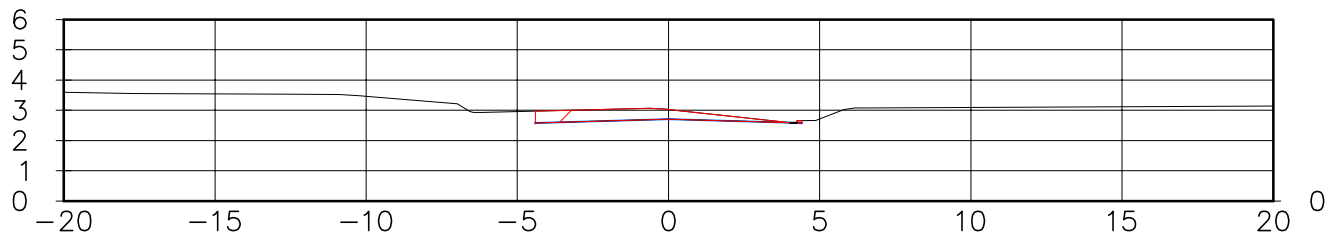
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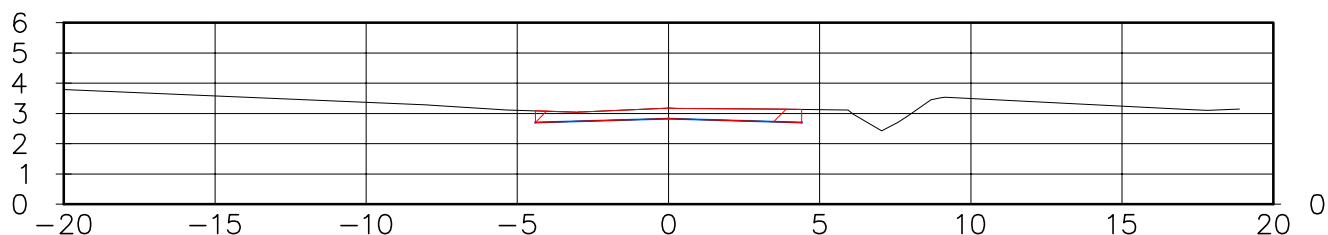
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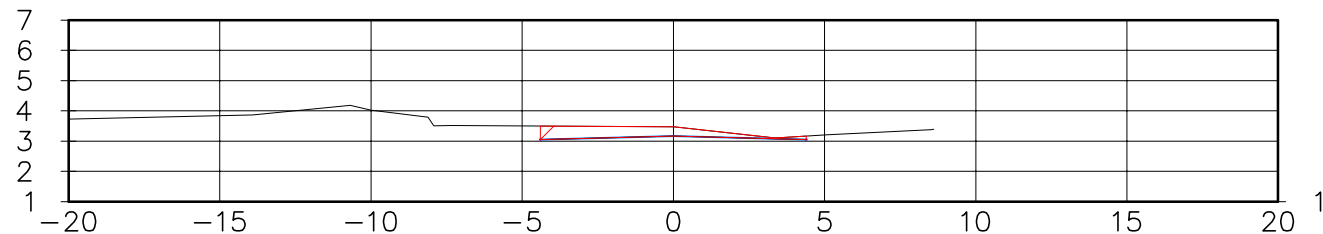
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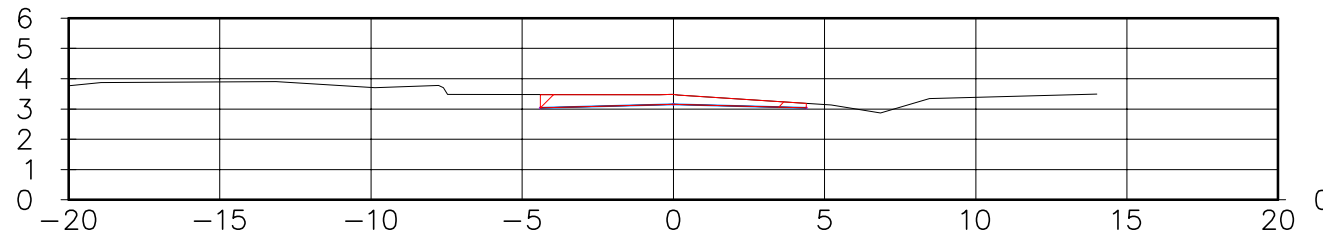
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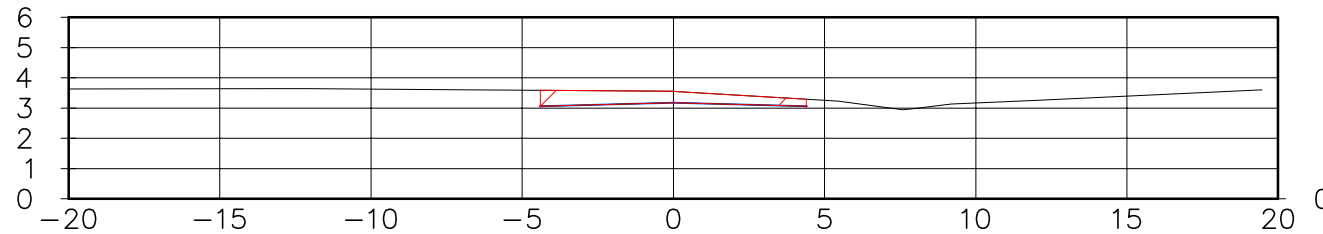
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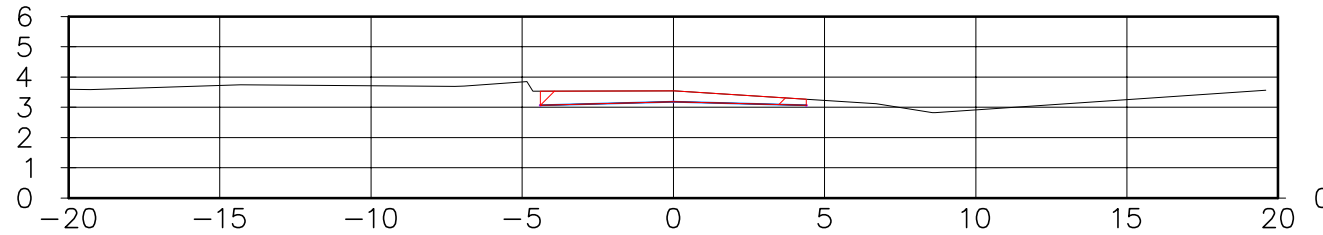
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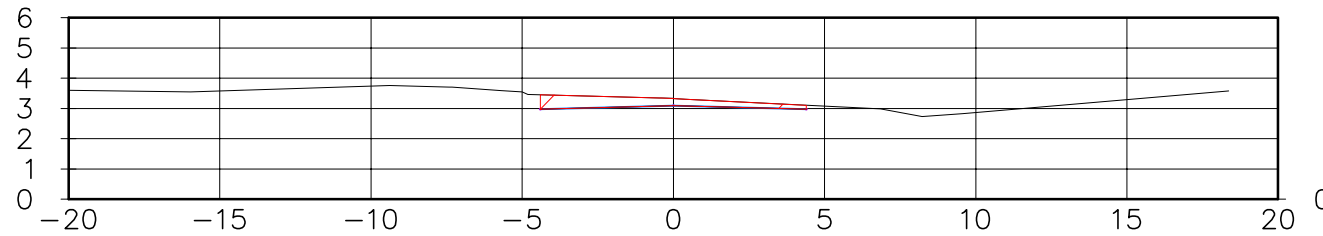
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0+240.00

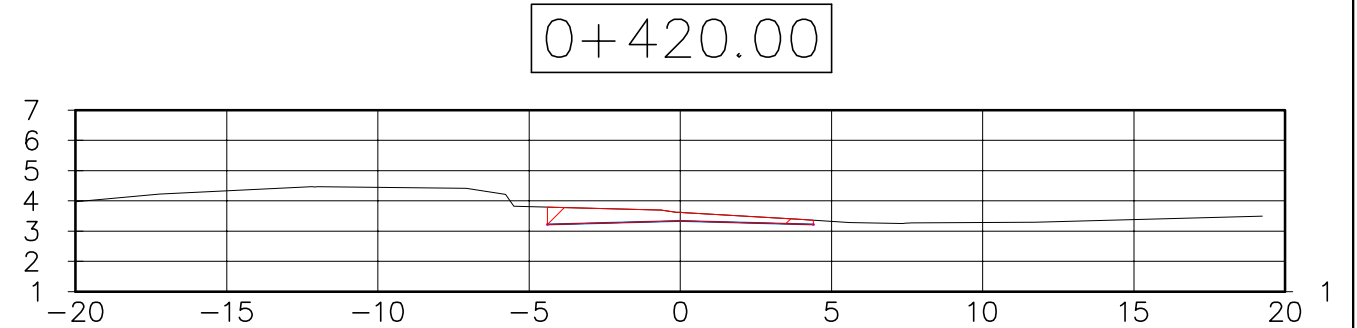
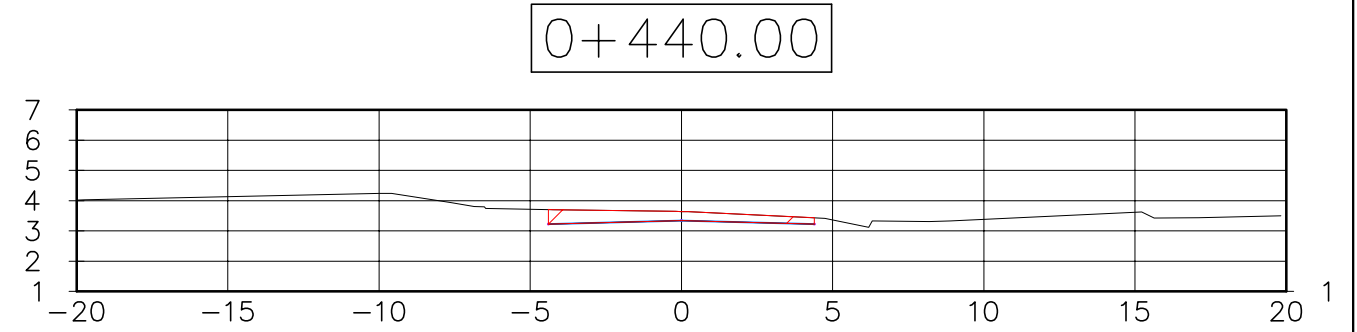
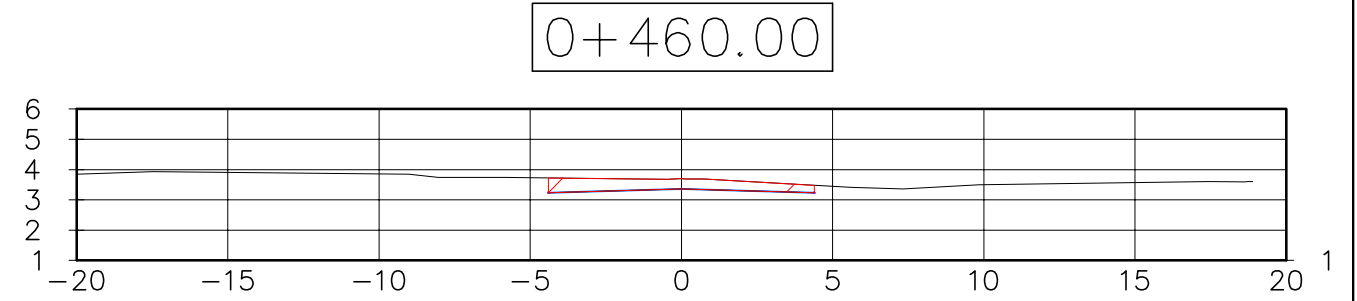
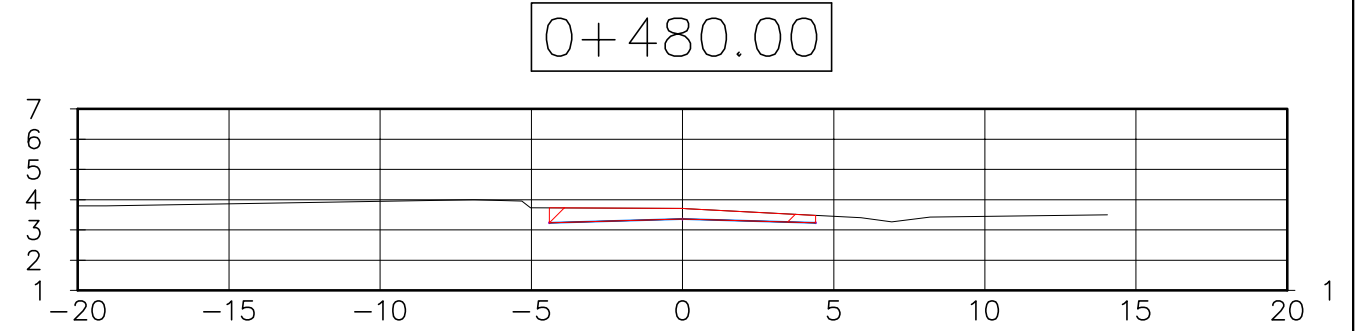
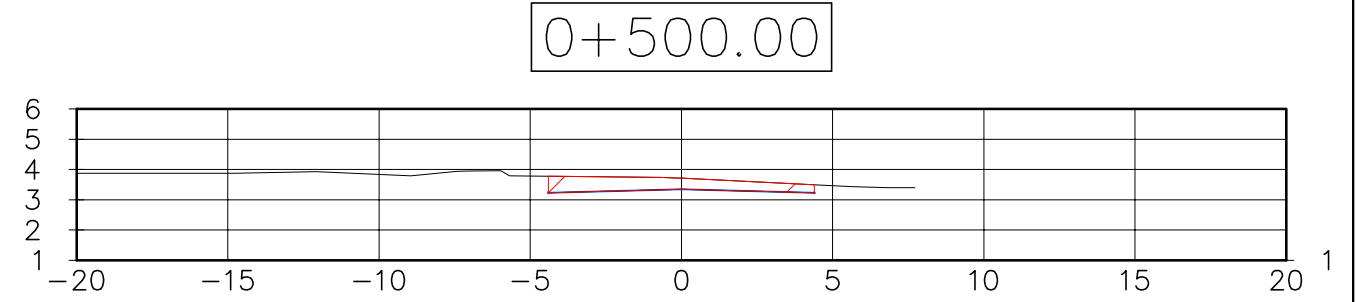
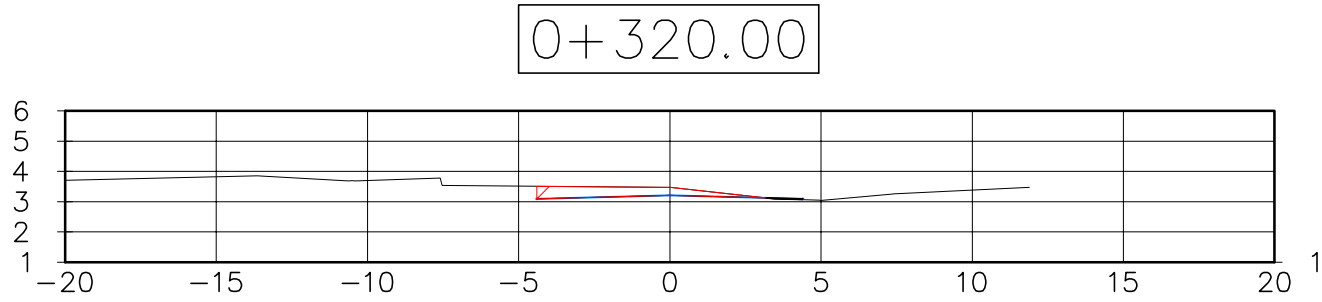
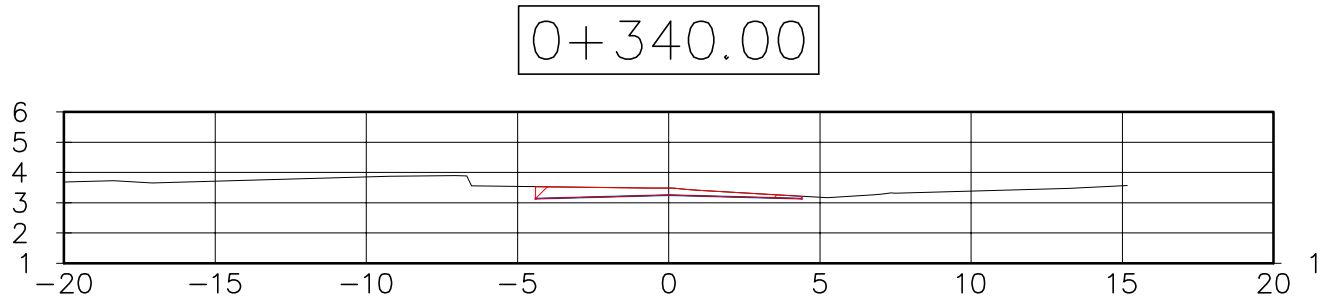
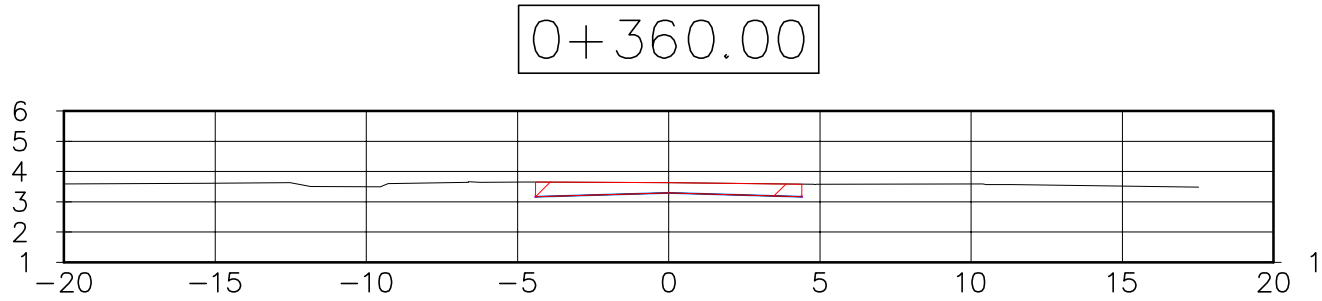
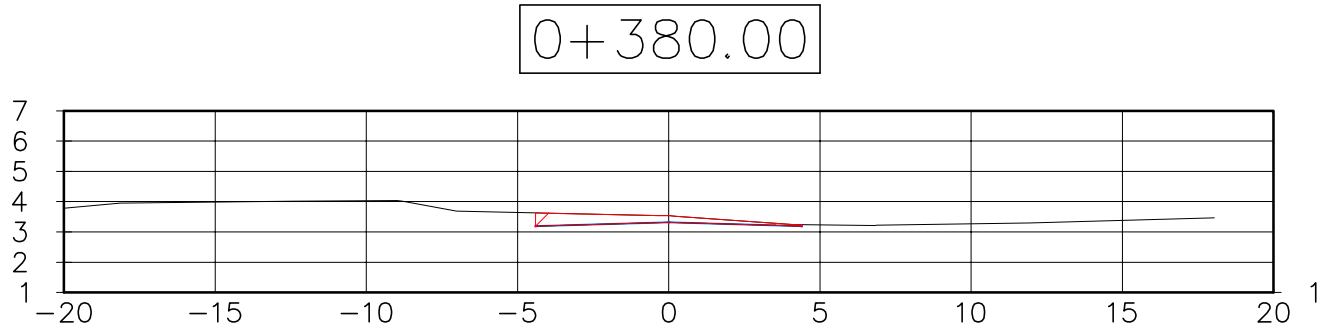
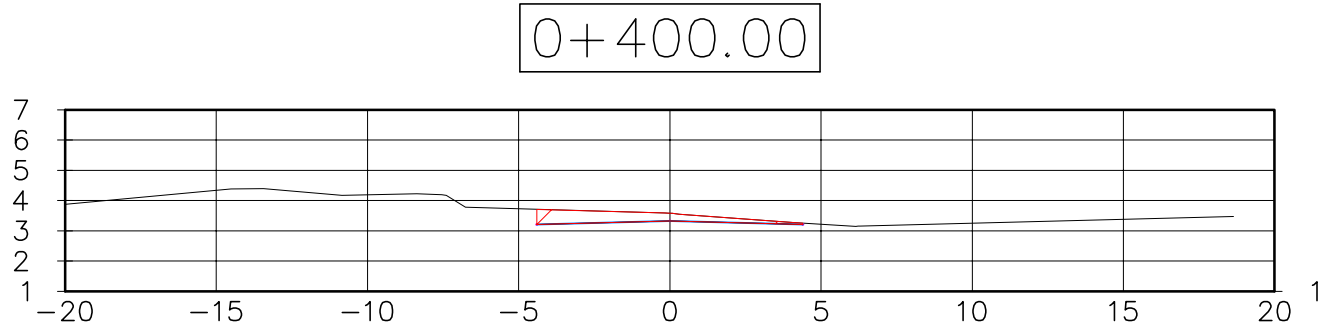


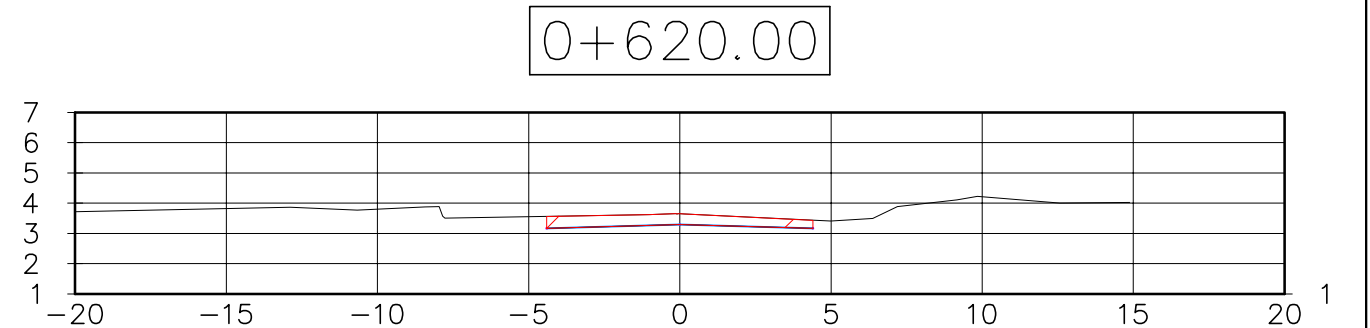
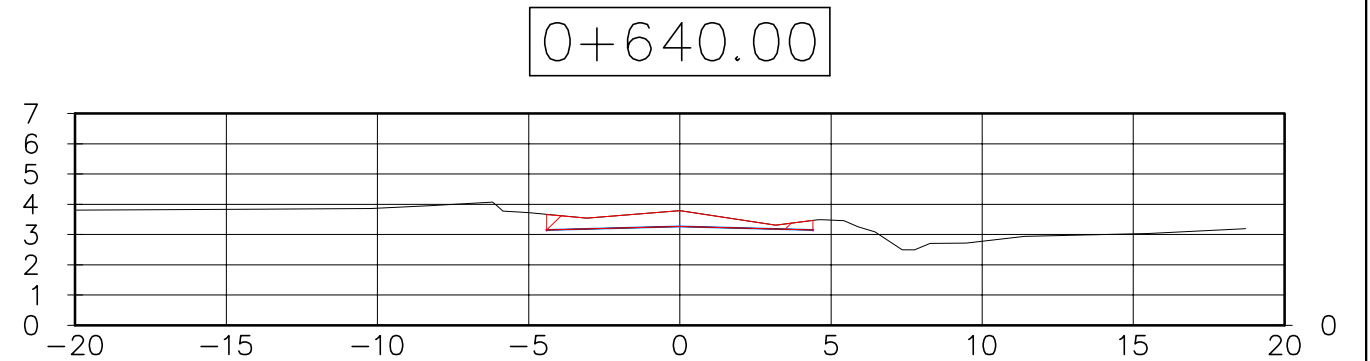
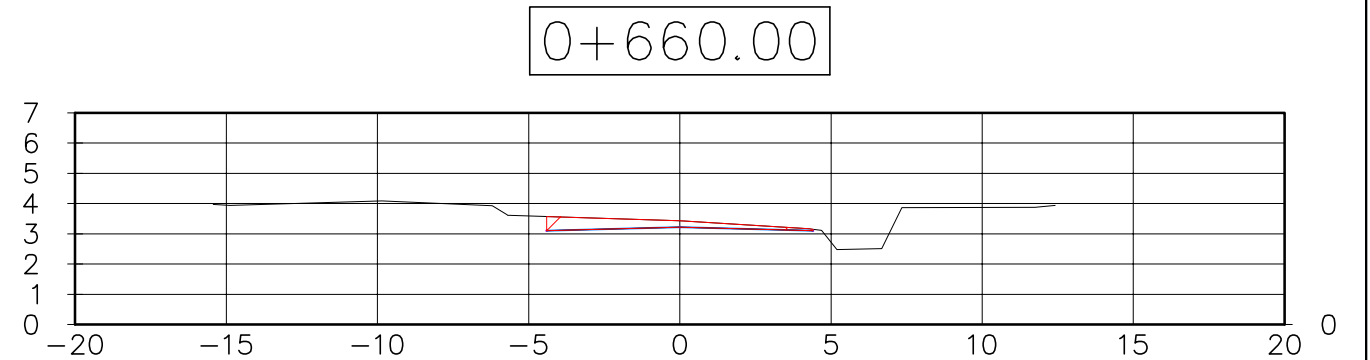
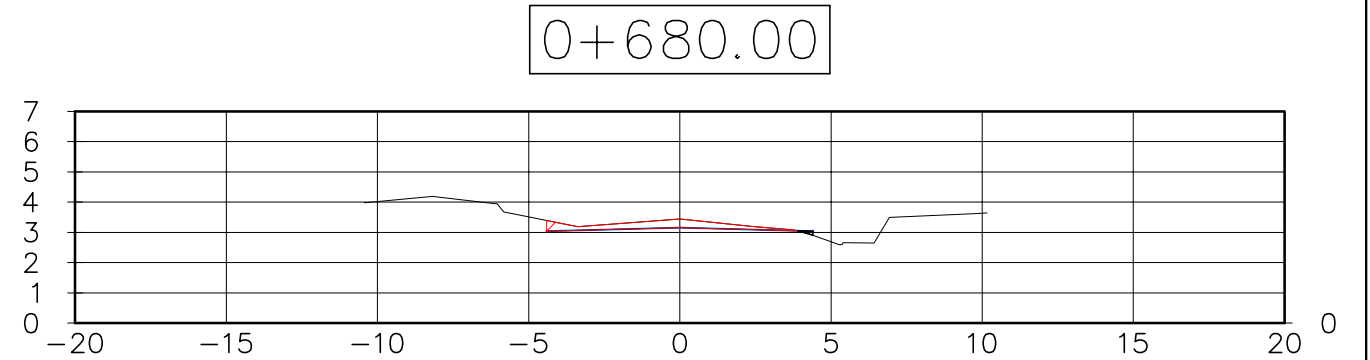
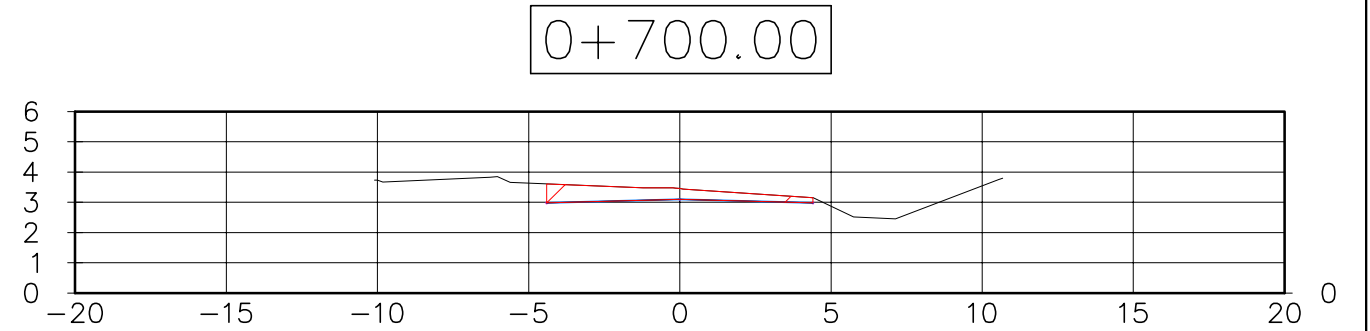
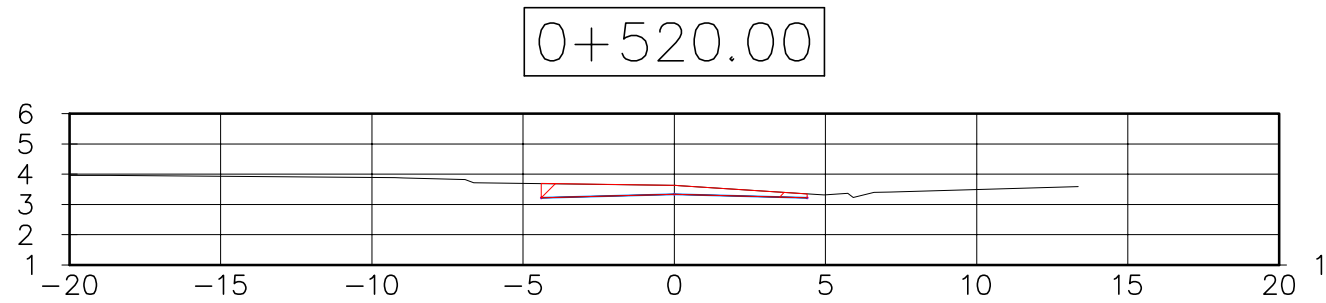
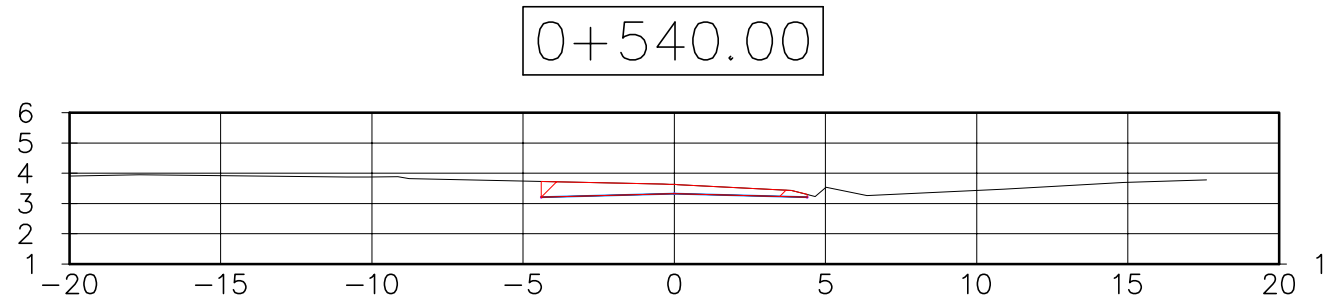
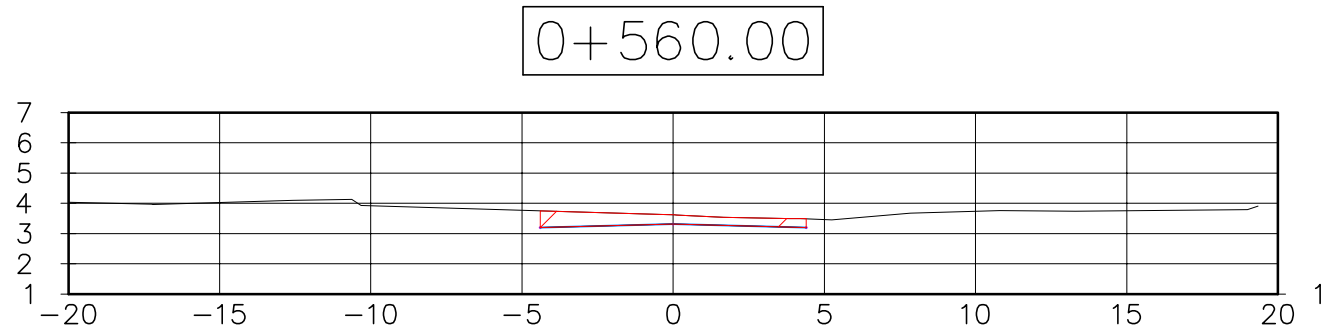
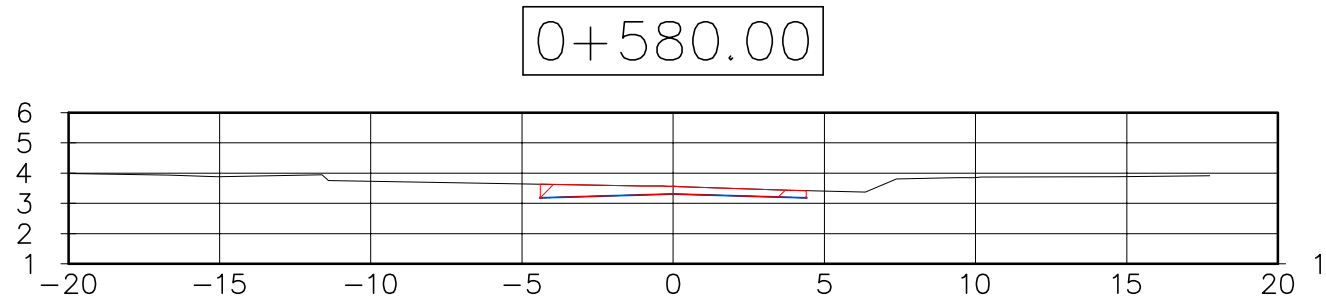
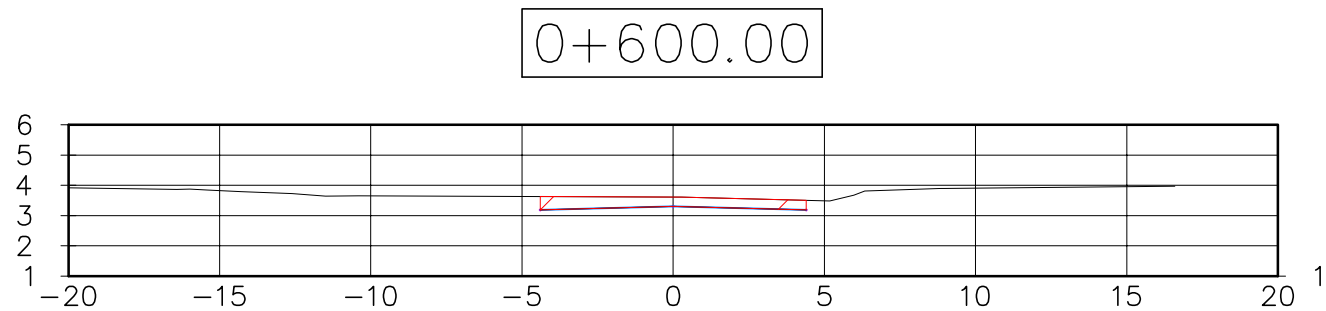
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PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA - FASE 1		
BALNEÁRIO CASSINO - RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA PARQUE CASSINO		
ESCALA: 1:250		DATA: AGOSTO/2015
PRANCHA: ST-01		

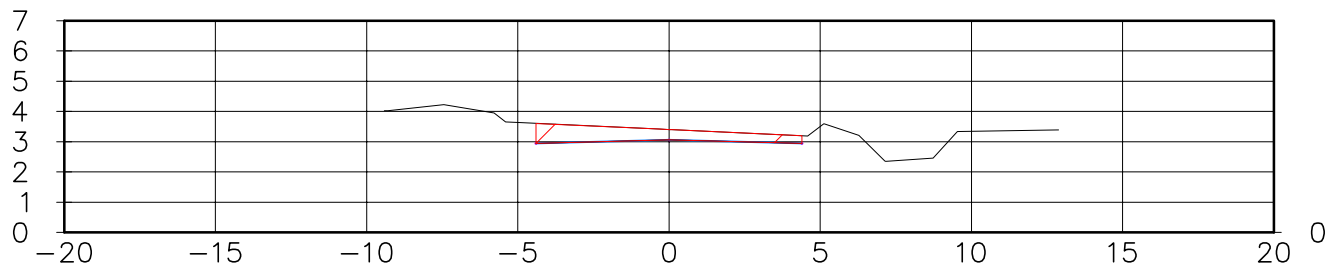




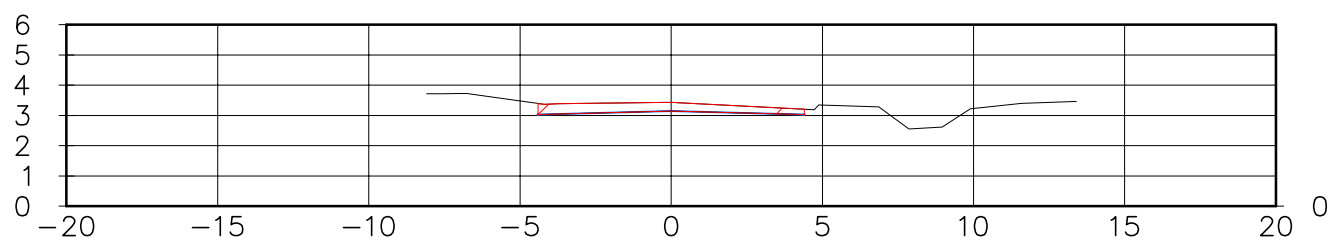
PROJETADO POR:	EQUIPE TÉCNICA		
RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:	
ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154	

PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		
BALNEÁRIO CASSINO – RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA PARQUE CASSINO		
ESCALA:	1:250	DATA:
		AGOSTO/2015
PRANCHA:	ST-03	

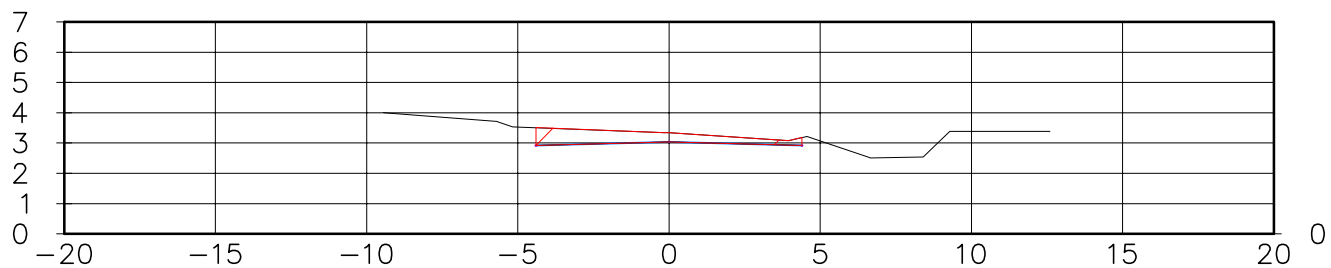
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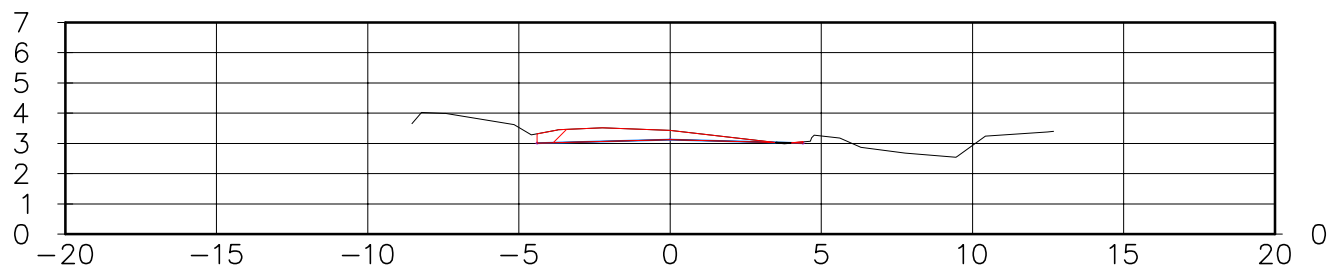
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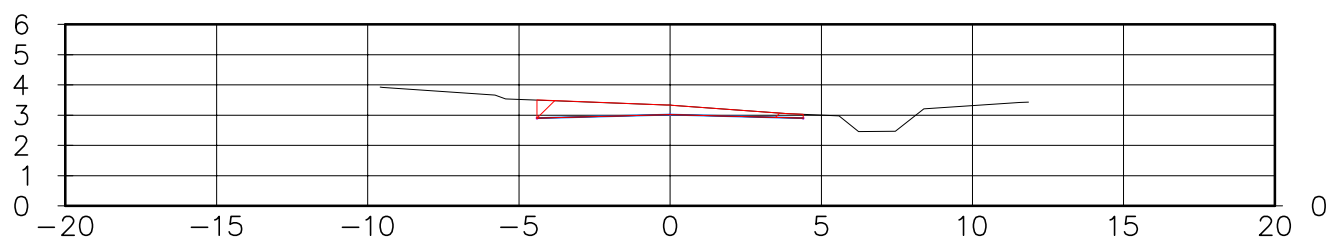
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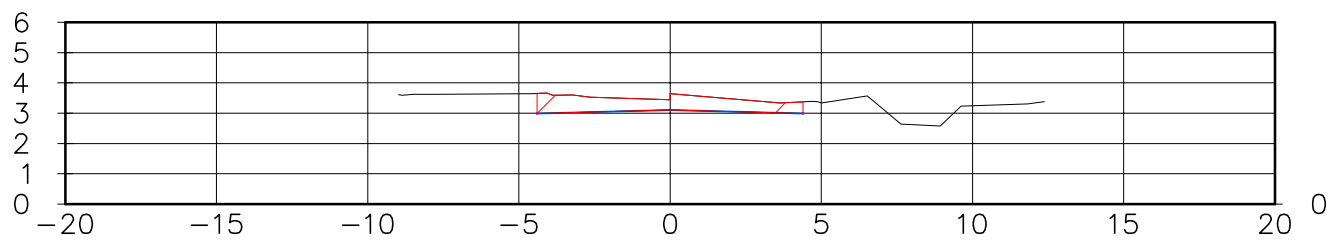
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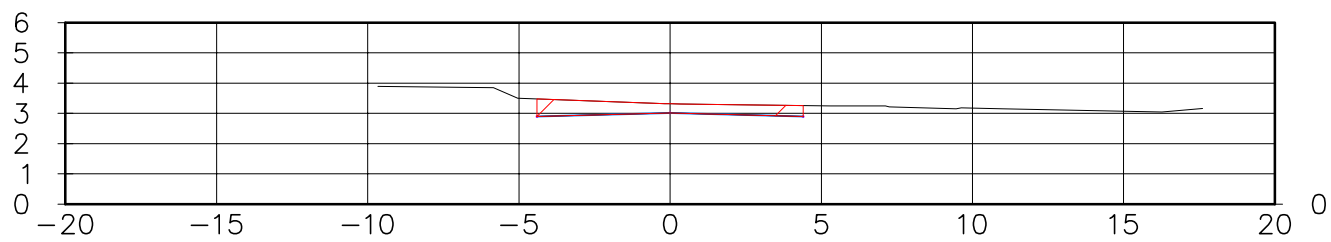
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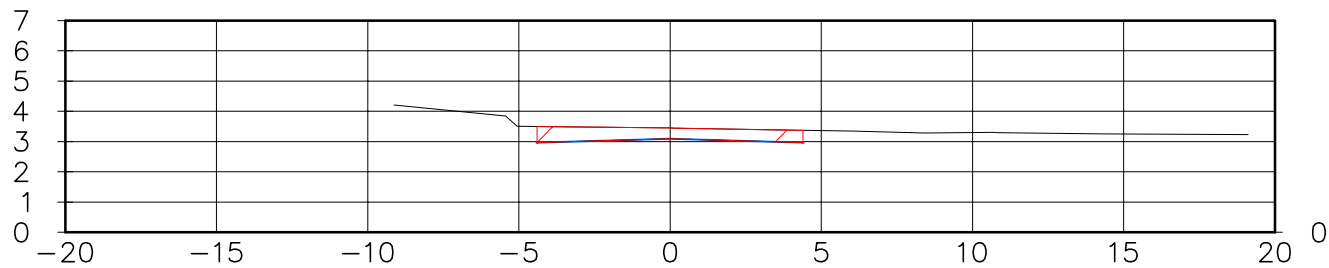
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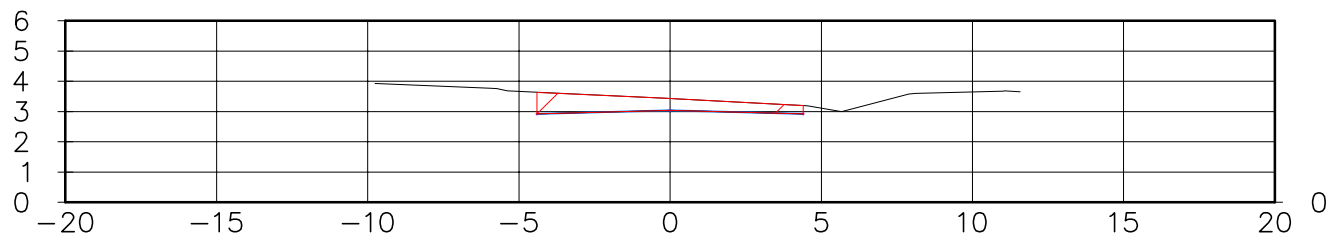
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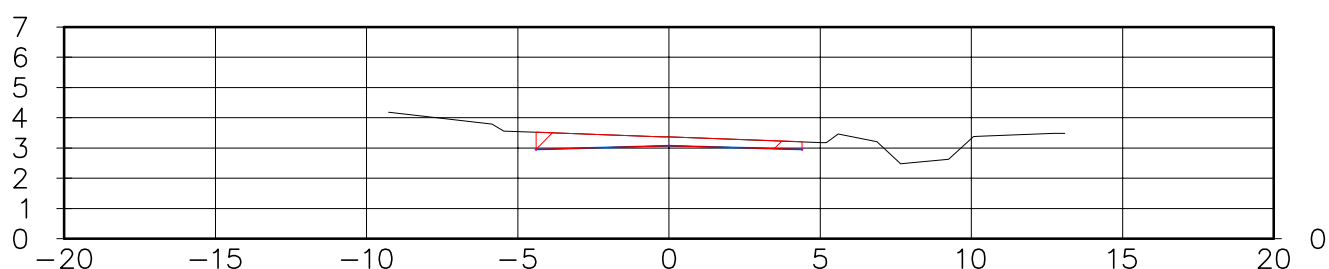
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0+720.00

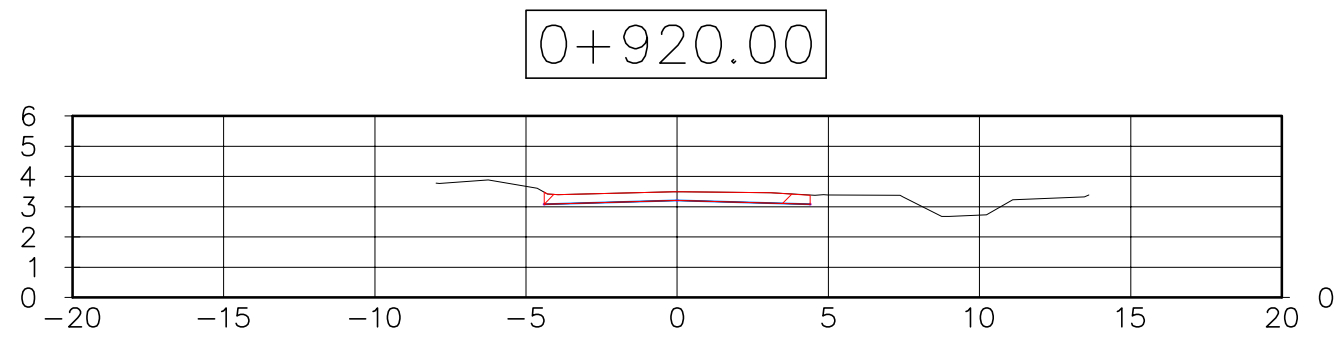
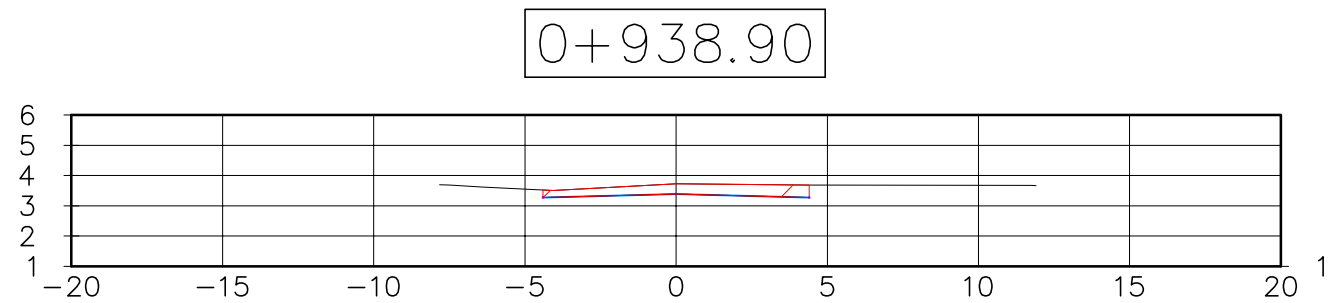



0+820.00



PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHEID CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

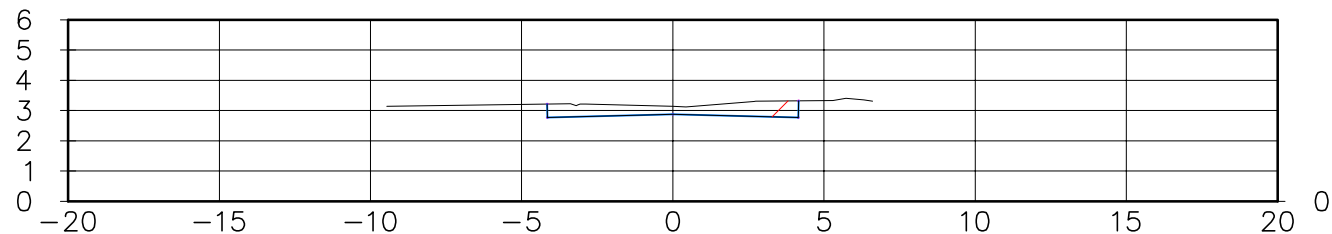
PREFEITURA MUNICIPAL DE RIO GRANDE		
PROJETOS DE INFRAESTRUTURA DE ENGENHARIA - FASE 1		
BALNEÁRIO CASSINO - RIO GRANDE/RS		
SEÇÃO TRANSVERSAL		
AVENIDA PARQUE CASSINO		
	ESCALA: 1:250 DATA: AGOSTO/2015 PRANCHA: ST-04	



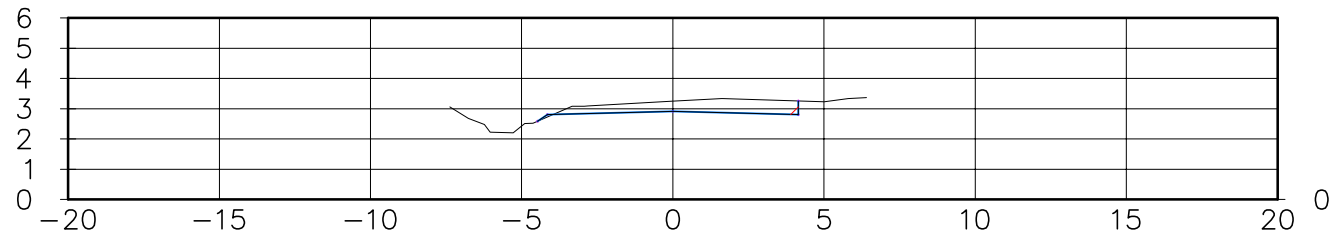
PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHEID CREA 9.409	CYLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
SEÇÃO TRANSVERSAL AVENIDA PARQUE CASSINO		DATA: AGOSTO/2015 PRANCHA: ST-05

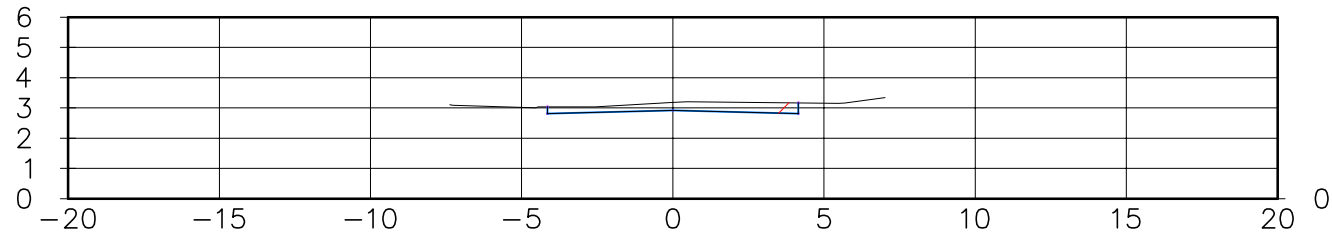
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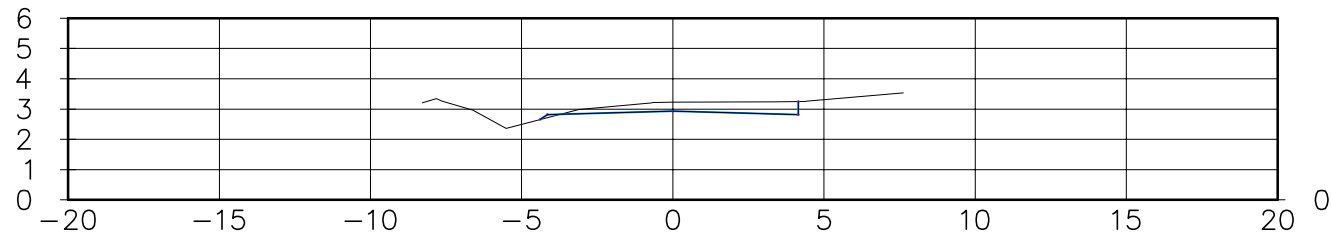
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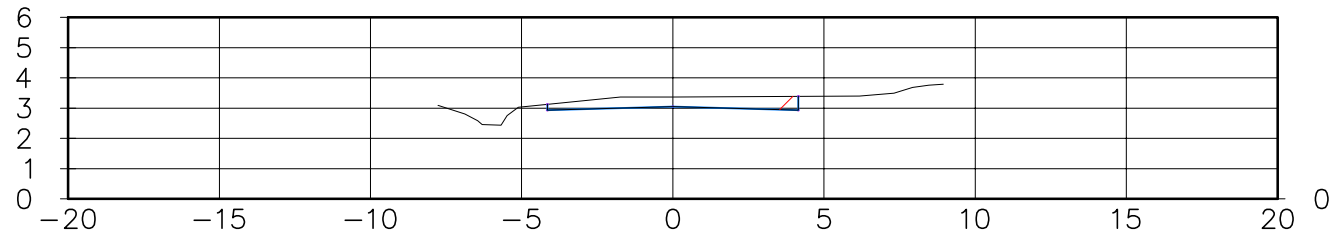
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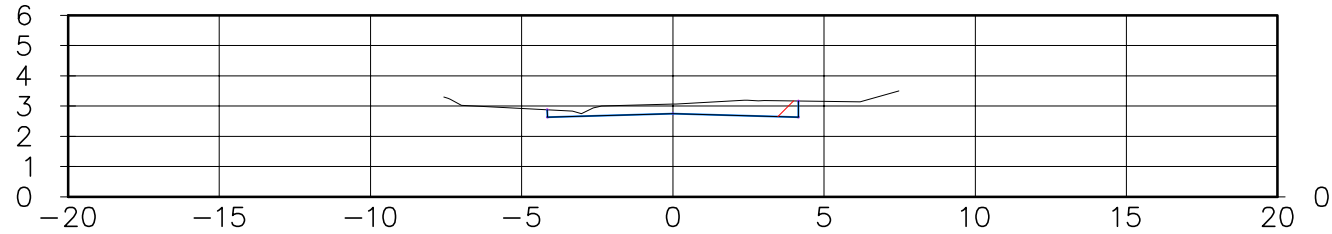
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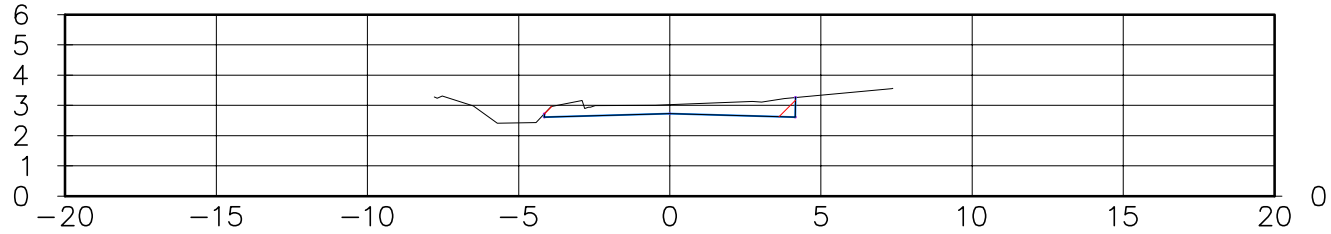
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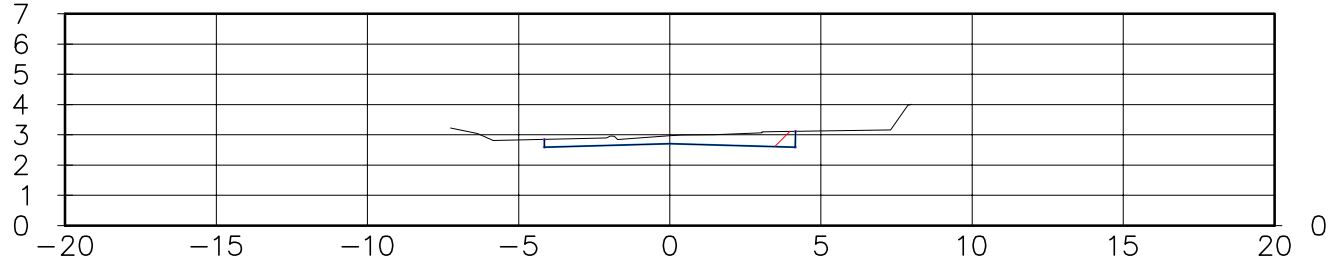
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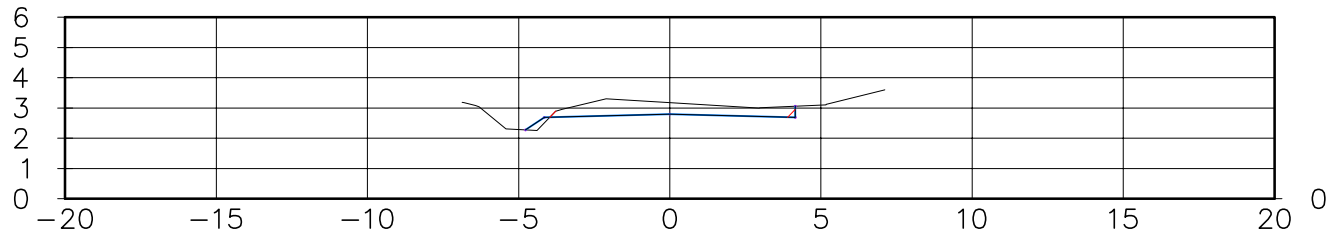
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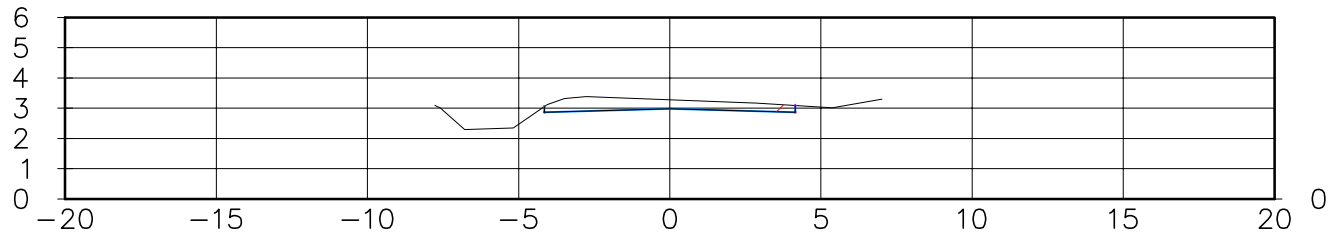
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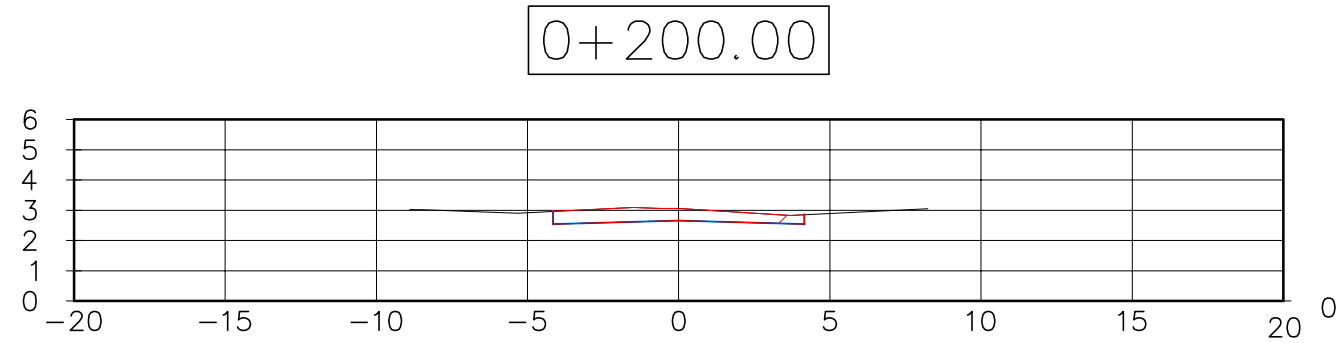
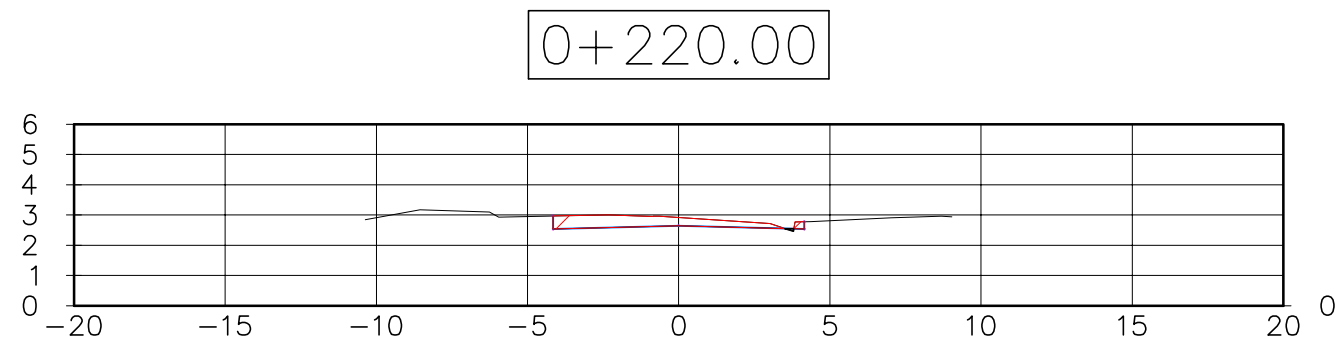
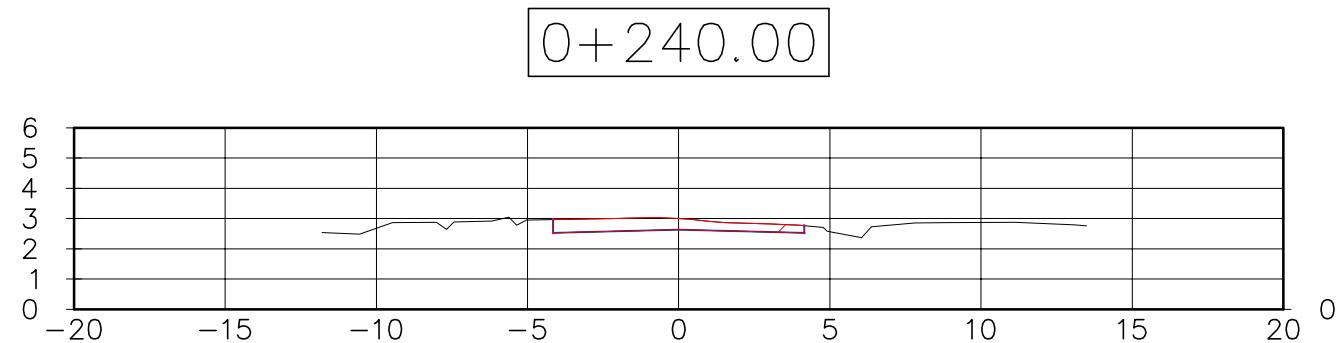
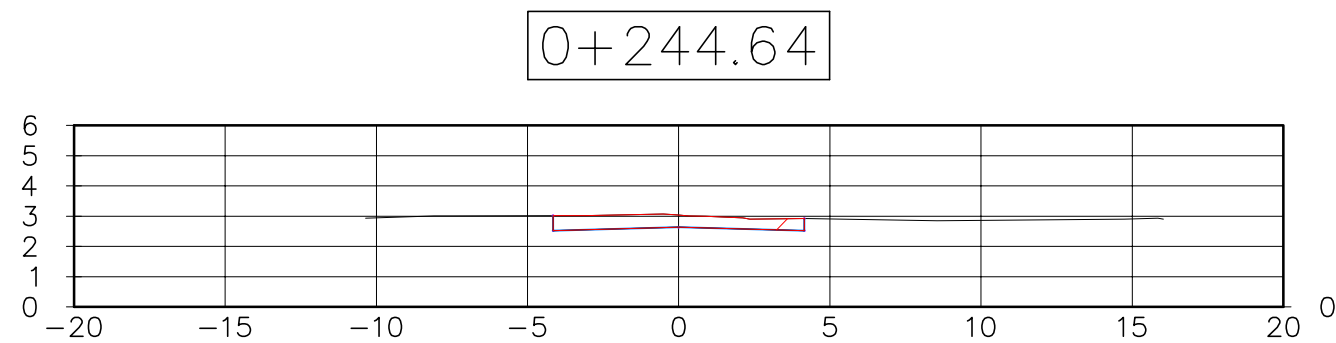



0+100.00



PROJETADO POR: 	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHIED CREA 9.409	CYLLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

	PREFEITURA MUNICIPAL DE RIO GRANDE		ESCALA:
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1		1:250
	BALNEÁRIO CASSINO – RIO GRANDE/RS		DATA:
	SEÇÃO TRANSVERSAL		AGOSTO/2015
	RUA STELLA MARIS		PRANCHA:
			ST-01



PROJETADO POR:	EQUIPE TÉCNICA		
	RESPONSÁVEL TÉCNICO:	COORDENADOR:	PROJETISTA:
	ARISTÓTELES JOSÉ BOURSCHEID CREA 9.409	CYLON F. ROSA NETO CREA 44.757	DARLAN TOMAZINI CREA 149.154

PREFEITURA MUNICIPAL DE RIO GRANDE		
	PROJETOS DE INFRAESTRUTURA DE ENGENHARIA – FASE 1 BALNEÁRIO CASSINO – RIO GRANDE/RS	ESCALA: 1:250
	SEÇÃO TRANSVERSAL RUA STELLA MARIS	DATA: AGOSTO/2015
		PRANCHA: ST-02