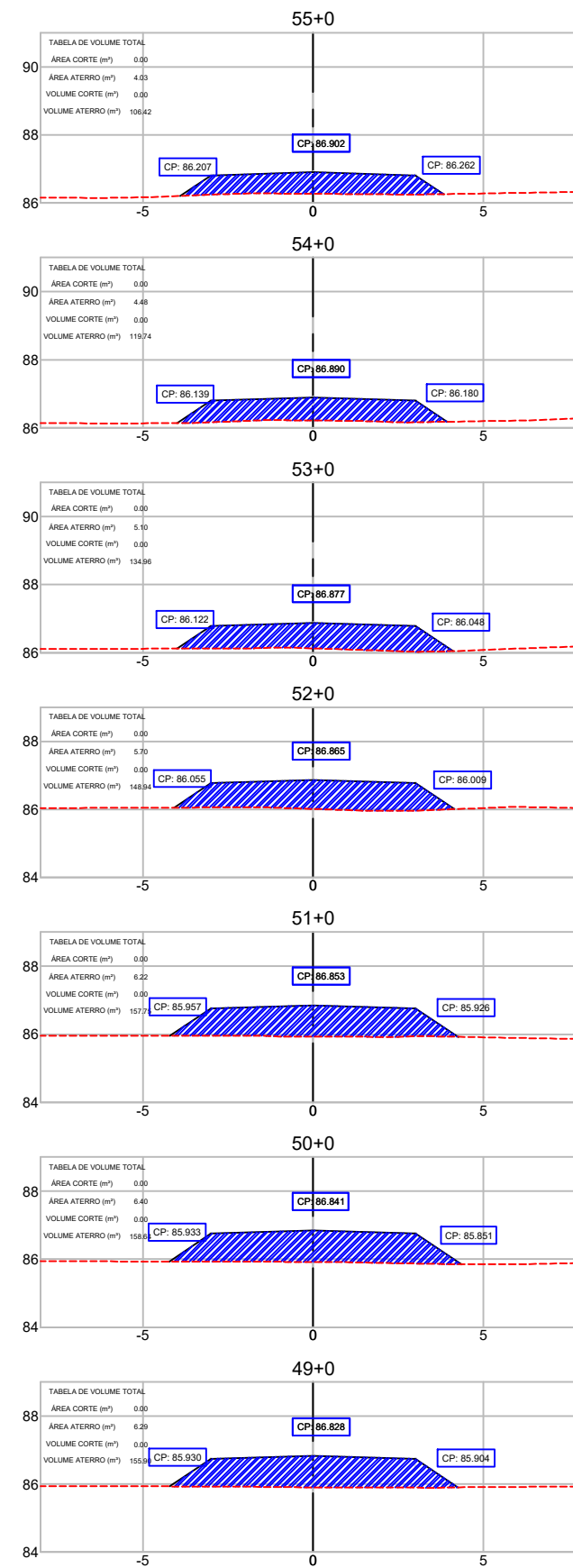
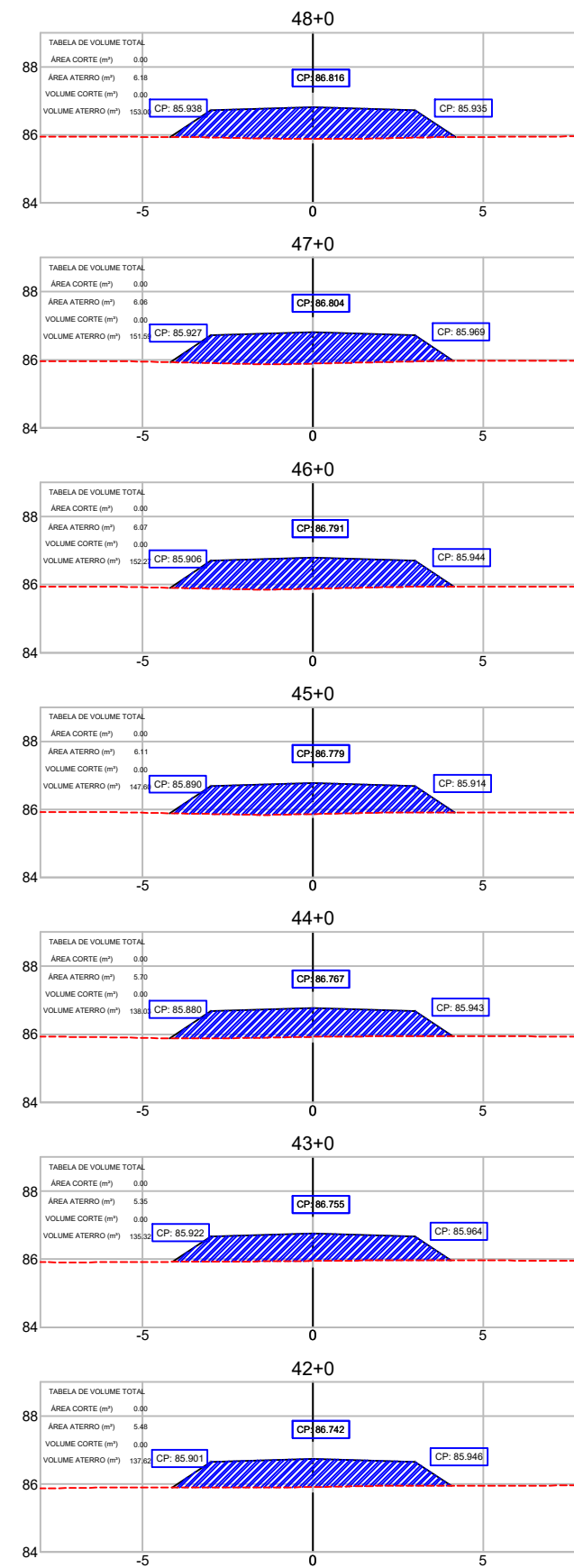
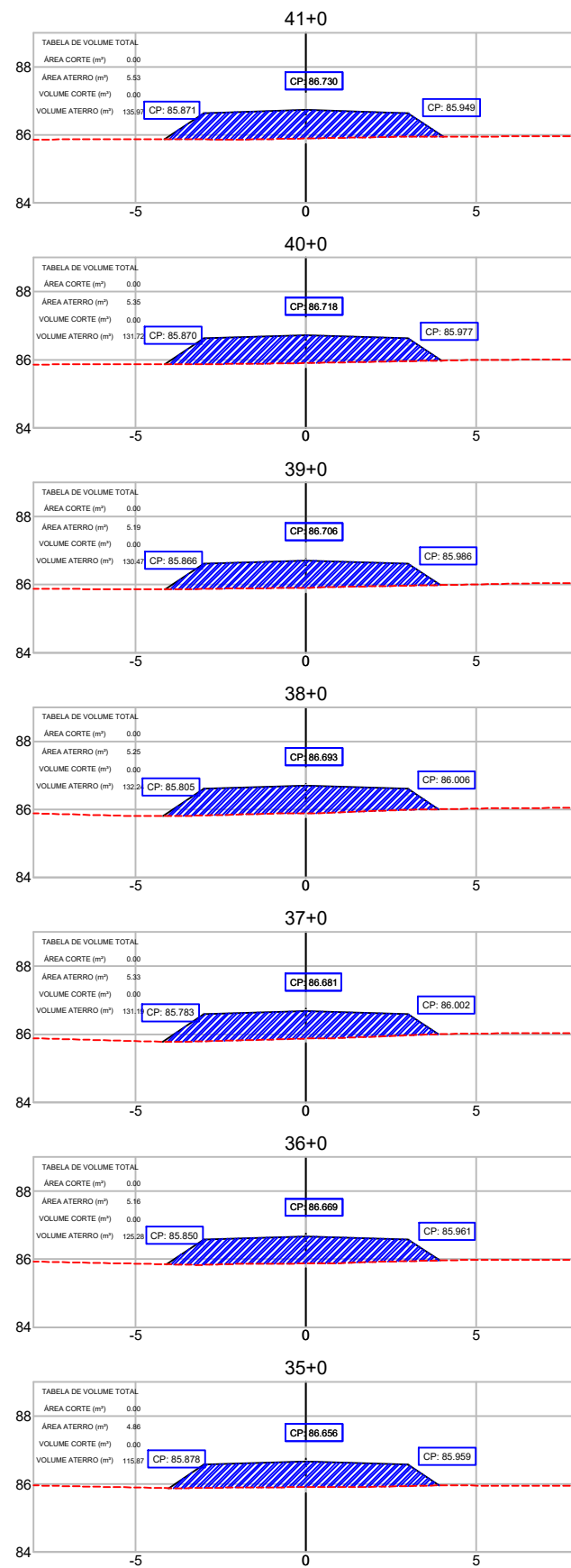
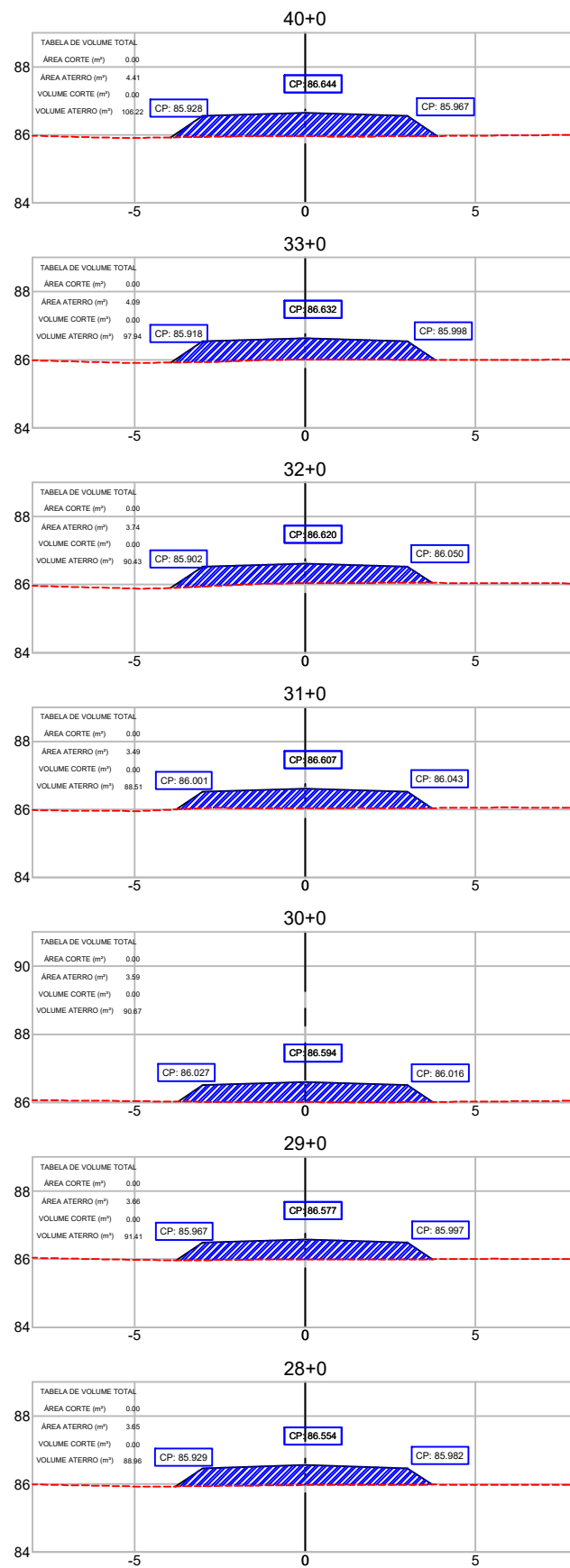


CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	INSTRUMENTO	POSTE METÁLICO	LUMINÁRIA			
MARCO QUILOMÉTRICO	ESTATION DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	TELEFONE	MURO DE ARRIMO	TORRE DE ALTA TENSÃO			
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	CAIXA DE INSPEÇÃO	CAIXA DE ALTA TENSÃO	CURVAS DE NÍVEL				
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	REDE ELÉTRICA AÉREA	REDE ELÉTRICA AÉREA					

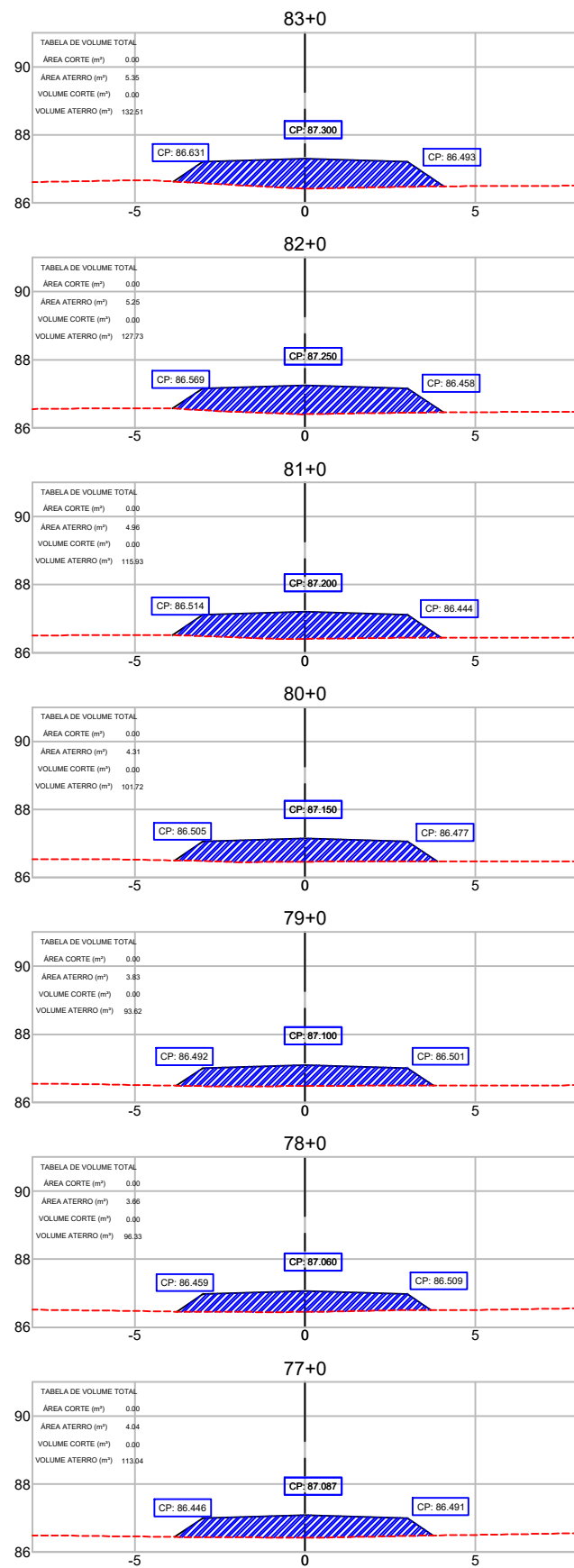
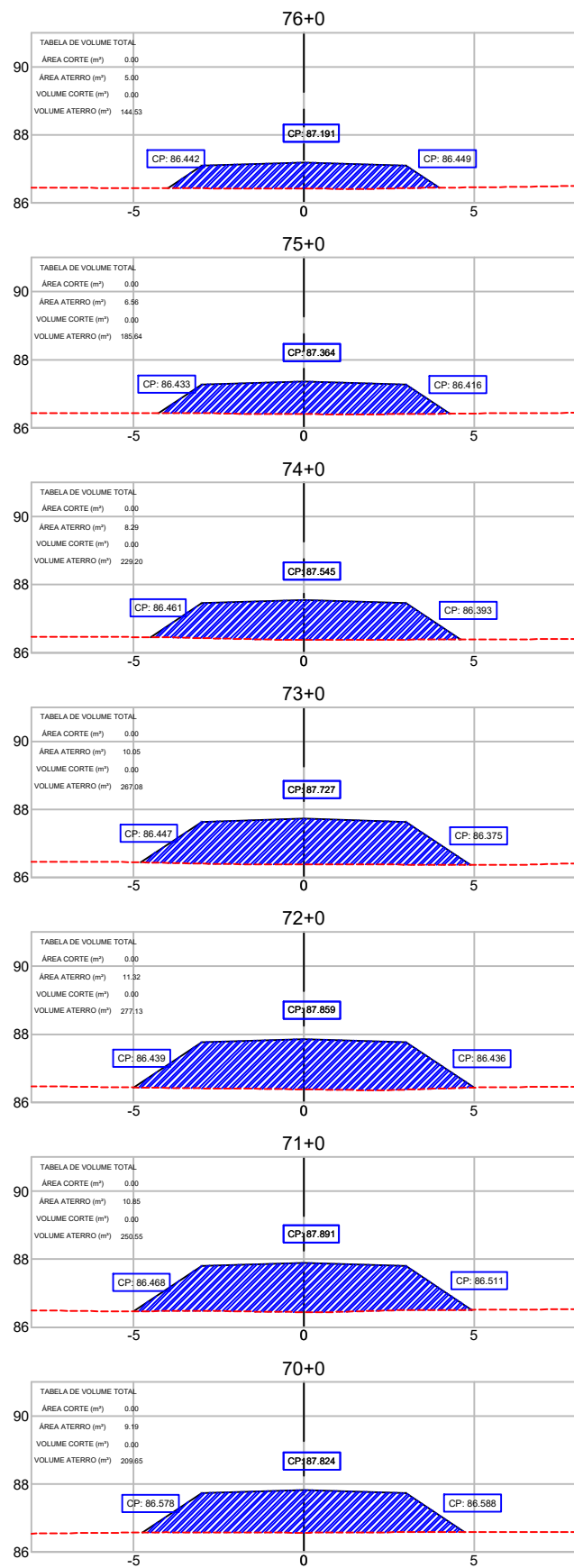
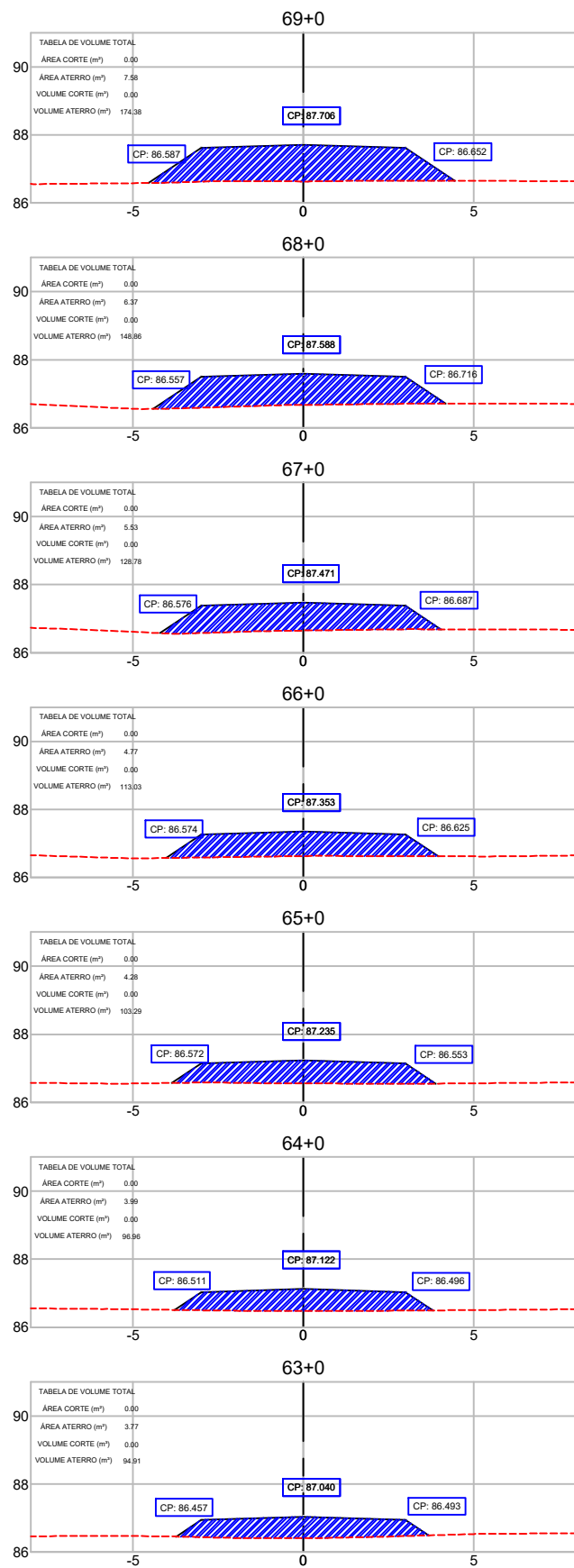
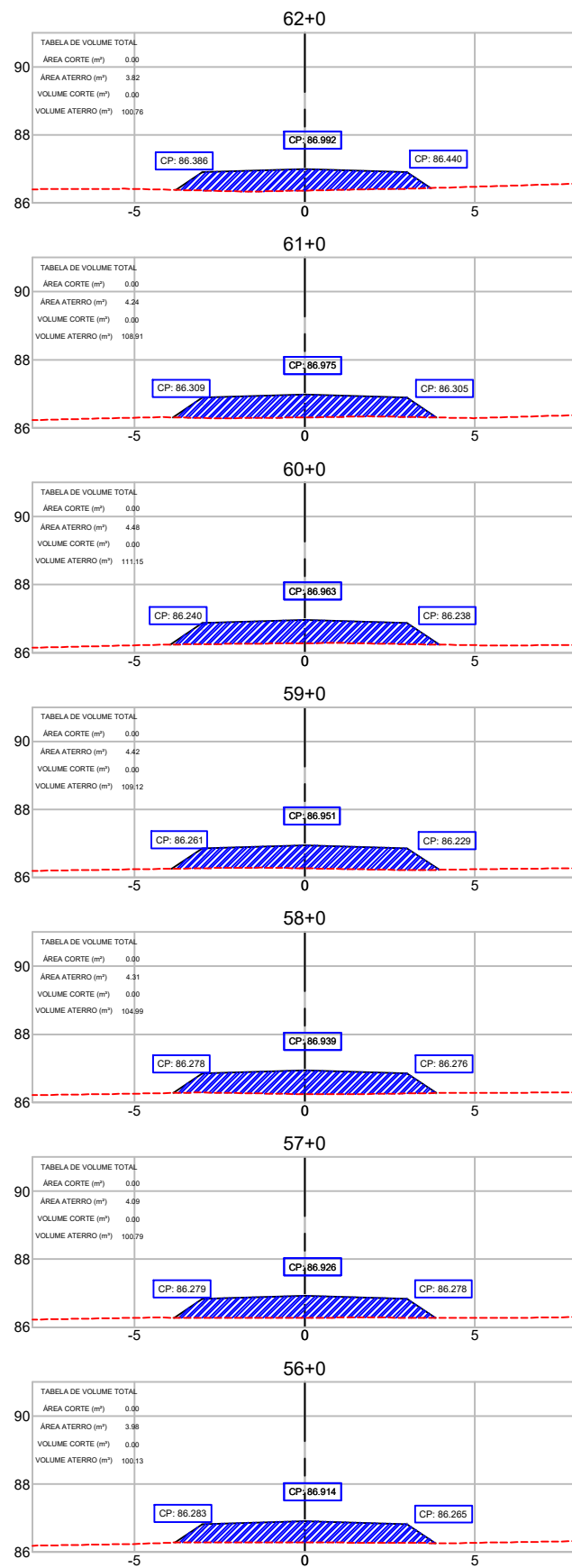
REFERÊNCIA CARTOGRÁFICA				
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983				
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.
1º	EDICÃO			
REV.	DESCRIÇÃO			

CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	1/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
AUTOR: PREFEITO MUNICIPAL				
SEMPLE:				
COORDENADAS: LATITUDE: 3°37'16.43"N LONGITUDE: 56°58'33.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESC: 1/1000				



REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	2/40	
CONCEDENTE:				A:
LOCAL: VICINAL - RAPOSA - NOD 438				B:
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				C:
TRECHO: KM 0,00 - KM 22,376				D:
ESTACA: 0+0,000 ATE 1+18+16				E:
AUTOR: PREFEITO MUNICIPAL				F:
COORDENADAS: LATITUDE: 7°37'16.43"N LONGITUDE: 59°58'33.98"W				G:
DATA: 01/06/2025				H:
DIM: METRO				
SEMPA:				
ESC: 1/1000				



CONVENÇÕES TOPOGRÁFICAS

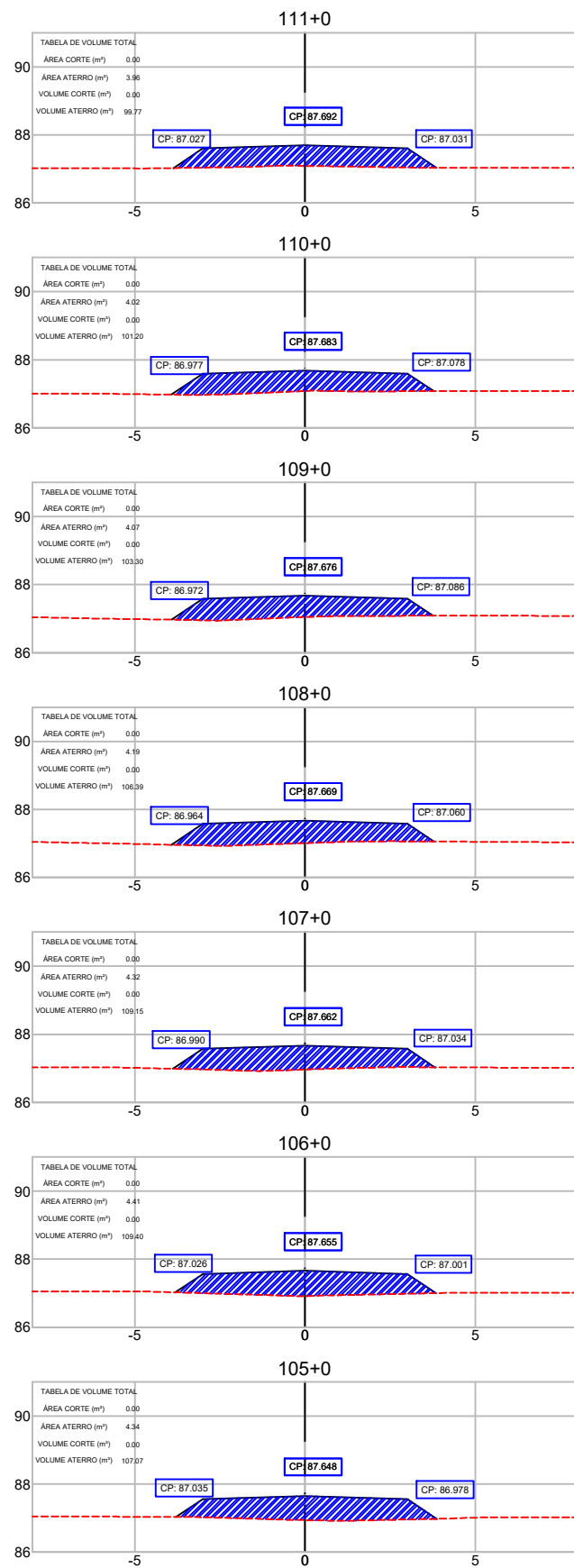
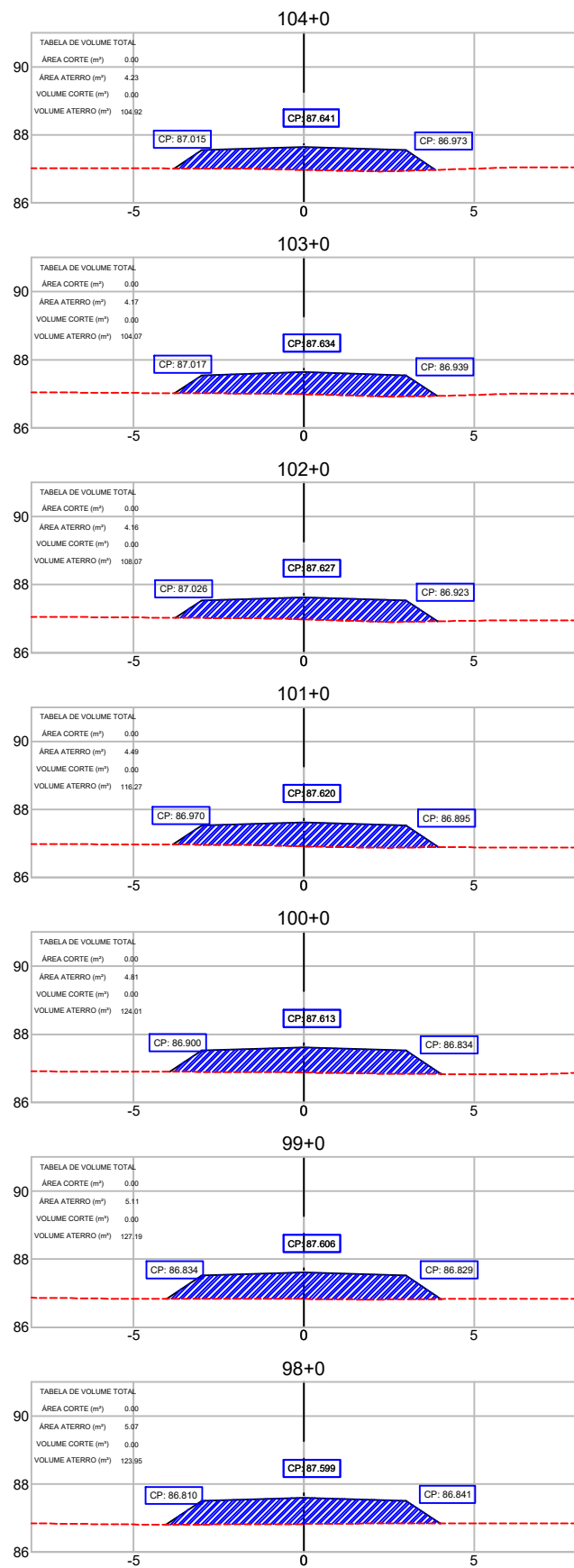
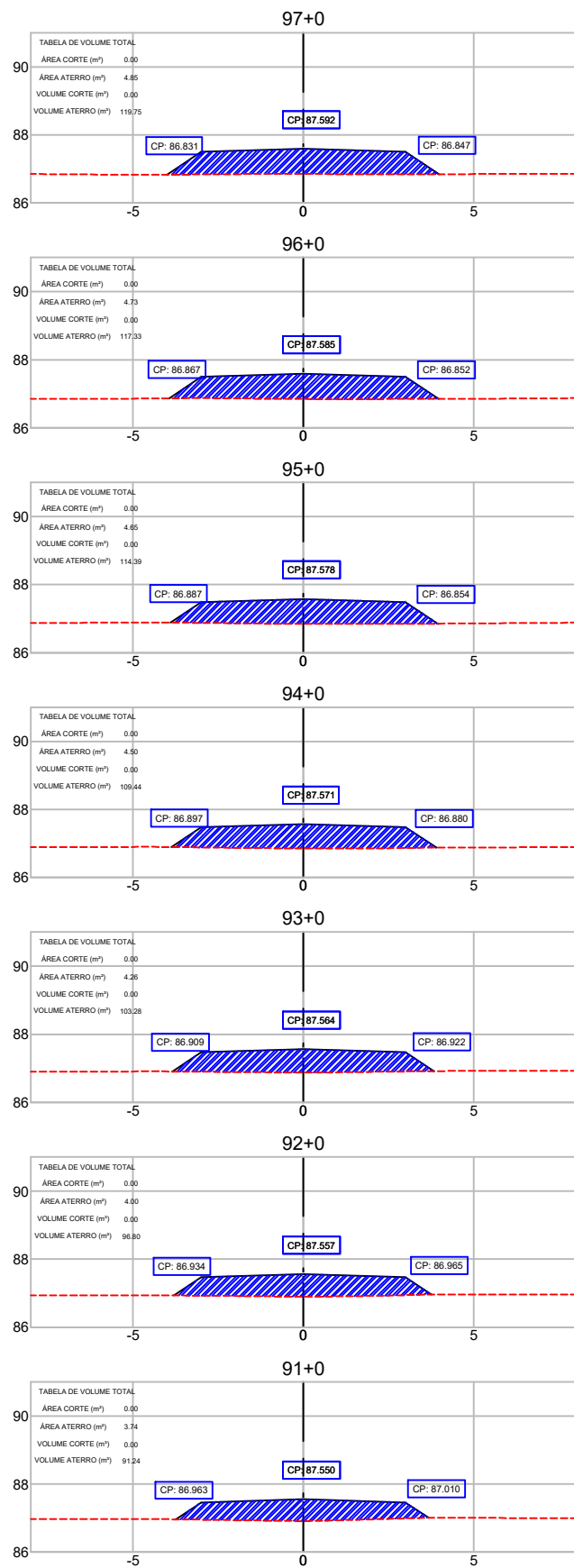
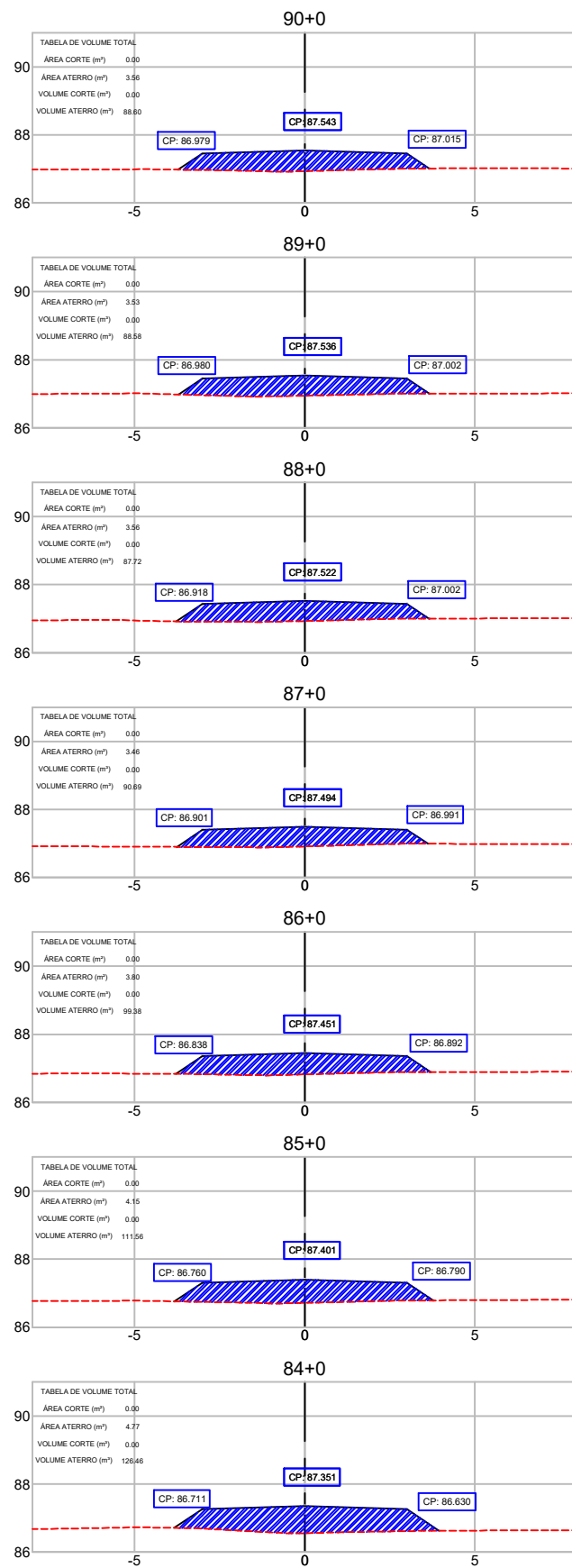
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GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO INDEFINIDO	POSTE METÁLICO
MURO QUILOMÉTRICO	ESTATION DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO BEM-AL	POSTE COMUM	MURO DE ARRIMO
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TUMULADO	TORRE DE ALTA TENSÃO
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL

REFERÊNCIA CARTOGRÁFICA

PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM
PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR
CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE).
ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA
COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E EMPRESAS EM A983

1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

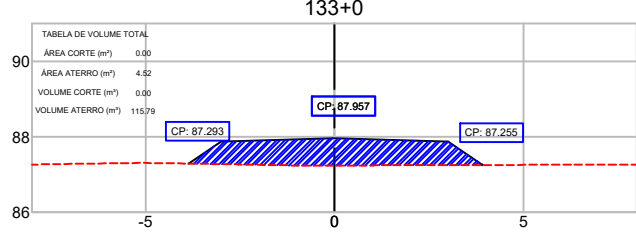
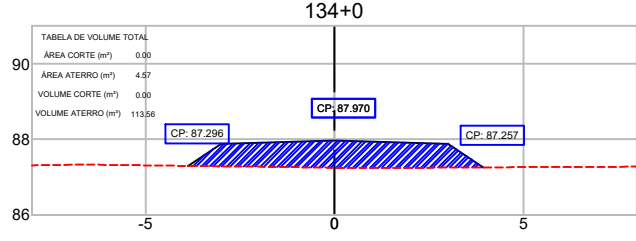
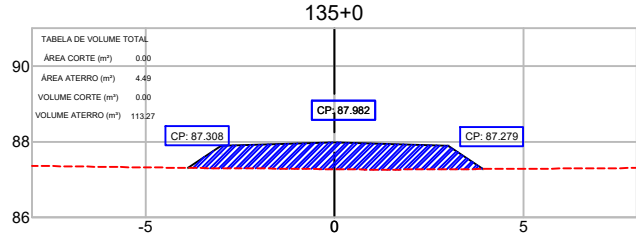
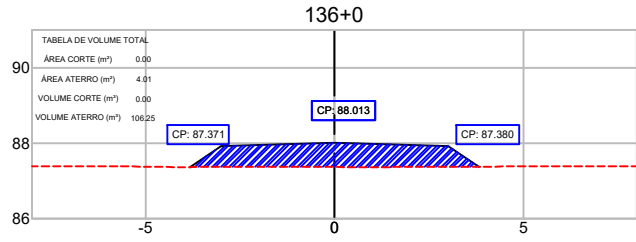
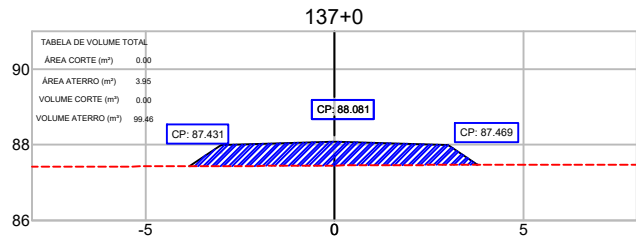
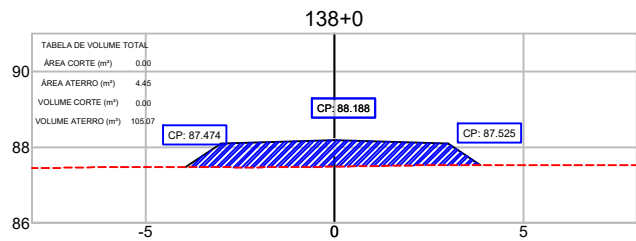
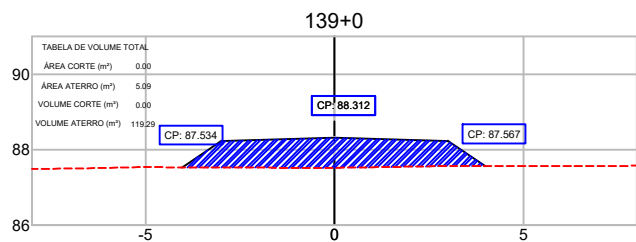
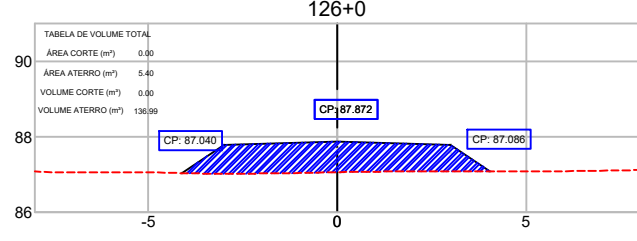
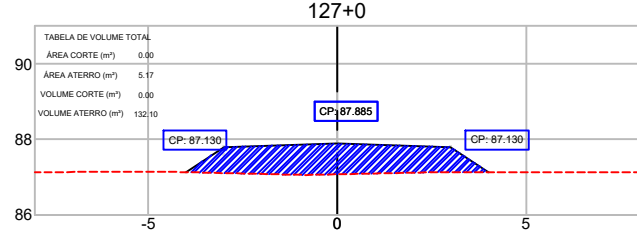
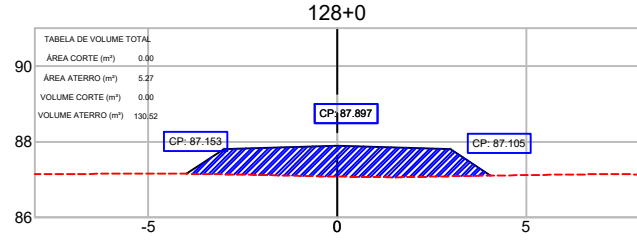
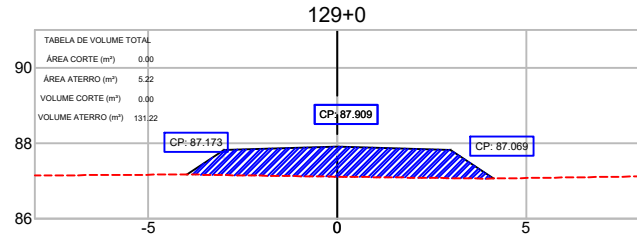
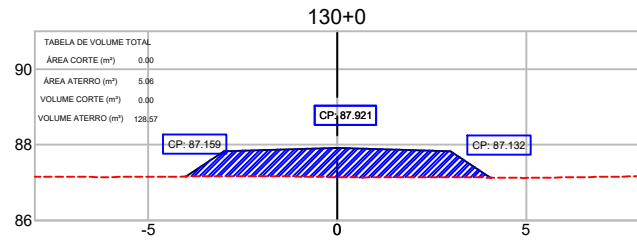
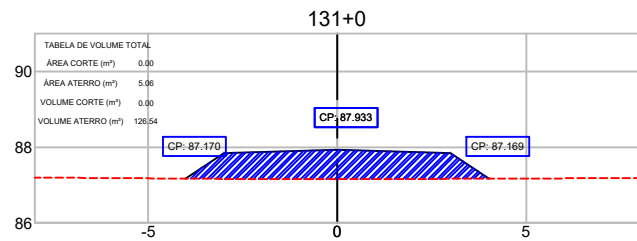
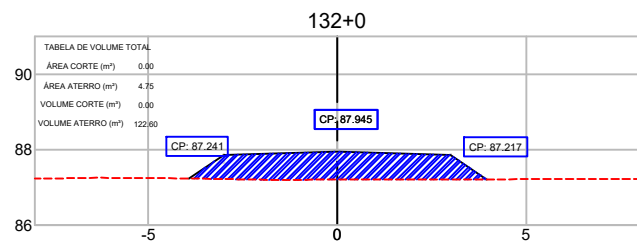
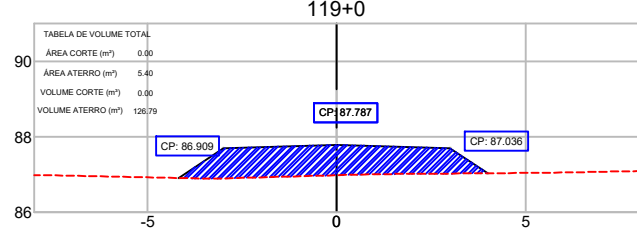
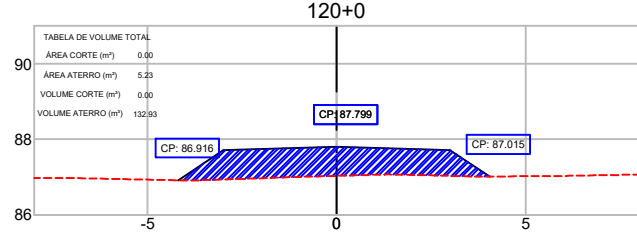
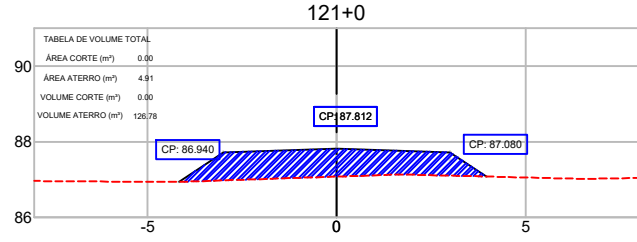
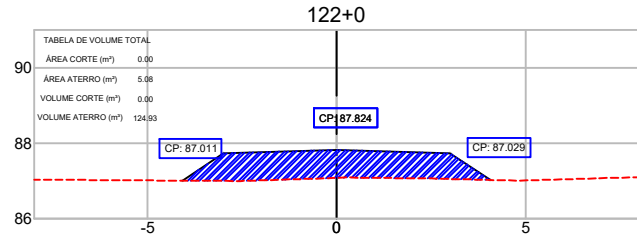
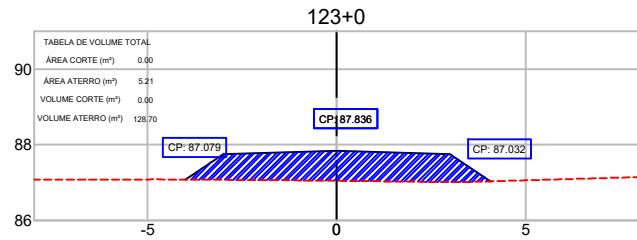
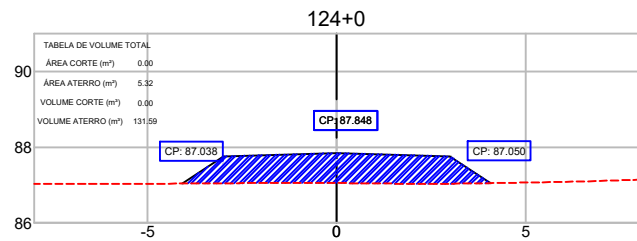
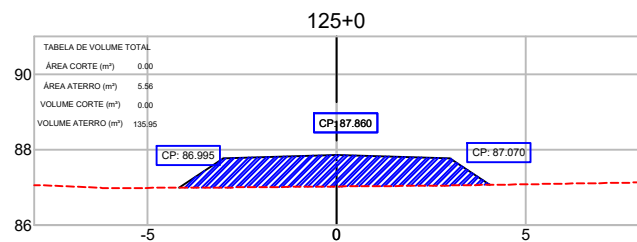
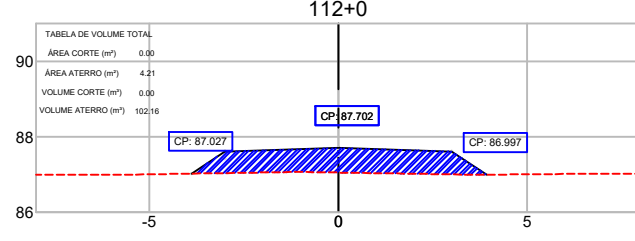
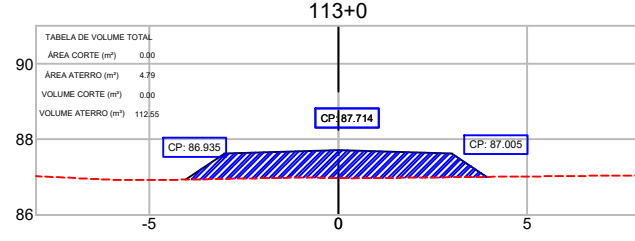
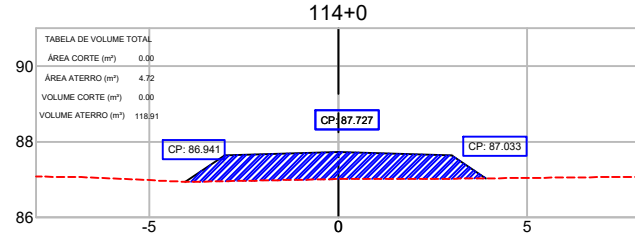
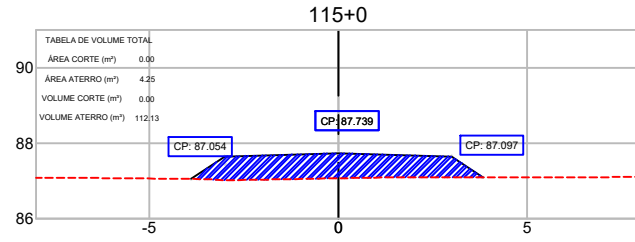
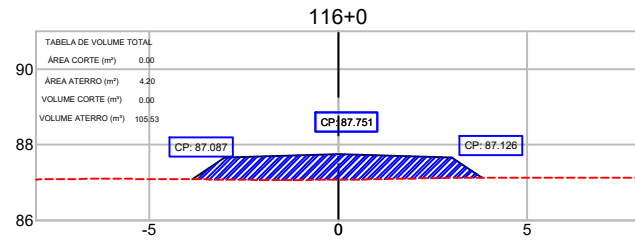
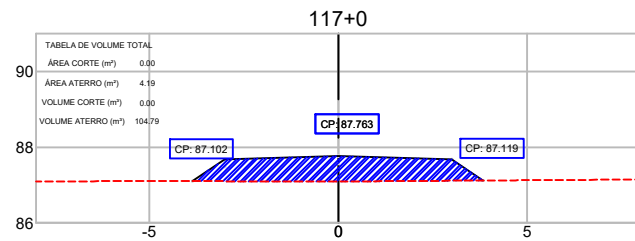
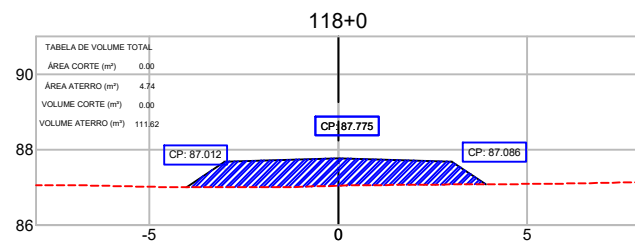
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		PROJETO GEOMÉTRICO	3/40	A:
CONCEDENTE:	LOCAL:	OBRA:	TRECHO:	B:
	VICINAL - RAPOSA - NOD 438	Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR	KM 0,00 - KM 22,376	C:
AUTOR:	COORDENADAS:	DATA:	DIM:	D:
PREFEITO MUNICIPAL	LATITUDE: -7°37'16.43"N LONGITUDE: -59°28'53.96"W	01/06/2025	METRO	E:
SEMPA:			ESC:	F:
			1/1000	G:
				H:



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	INCRUSTADO	POSTE METÁLICO	LUMINÁRIA			
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	TELEFONE	MURO DE ARRIMO	TORRE DE ALTA TENSÃO			
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO						
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS). SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

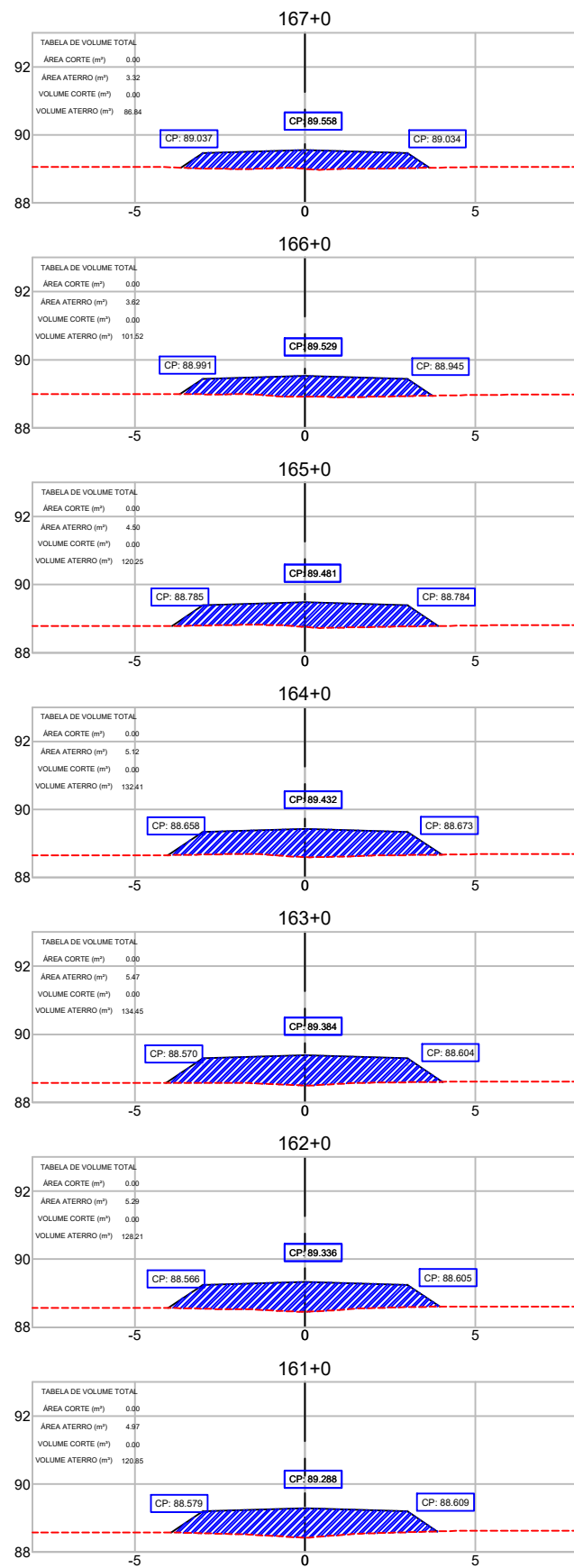
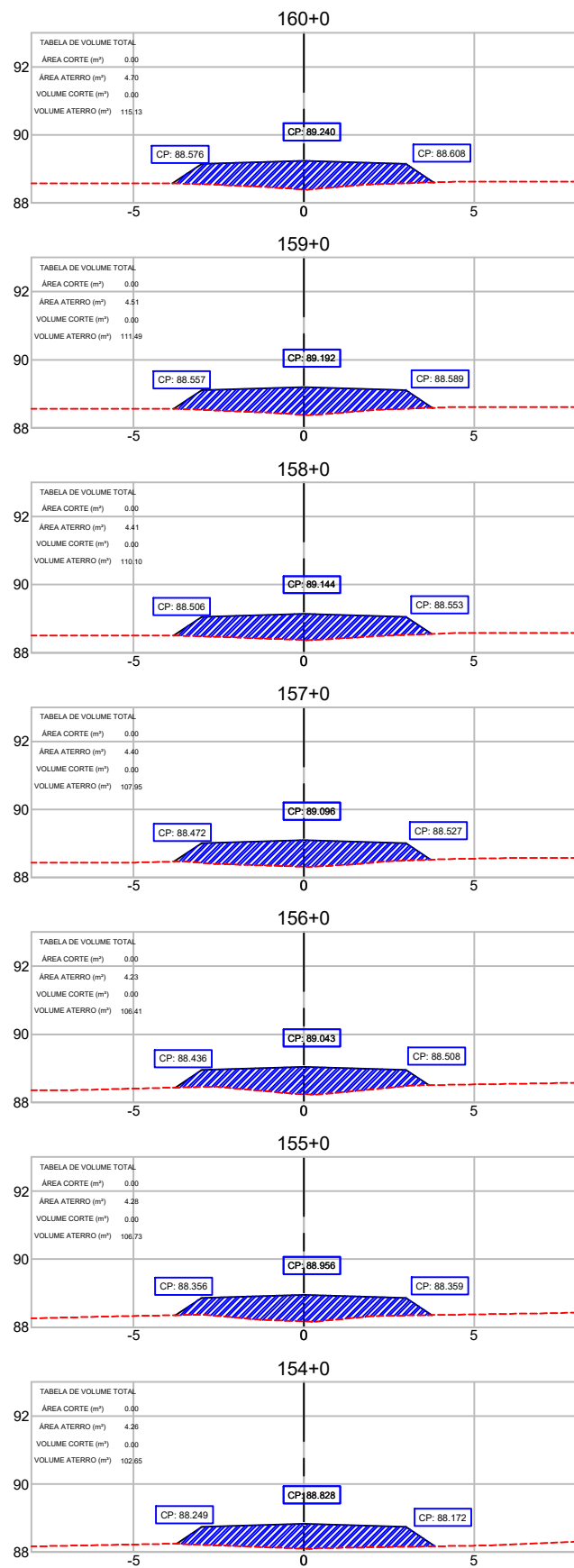
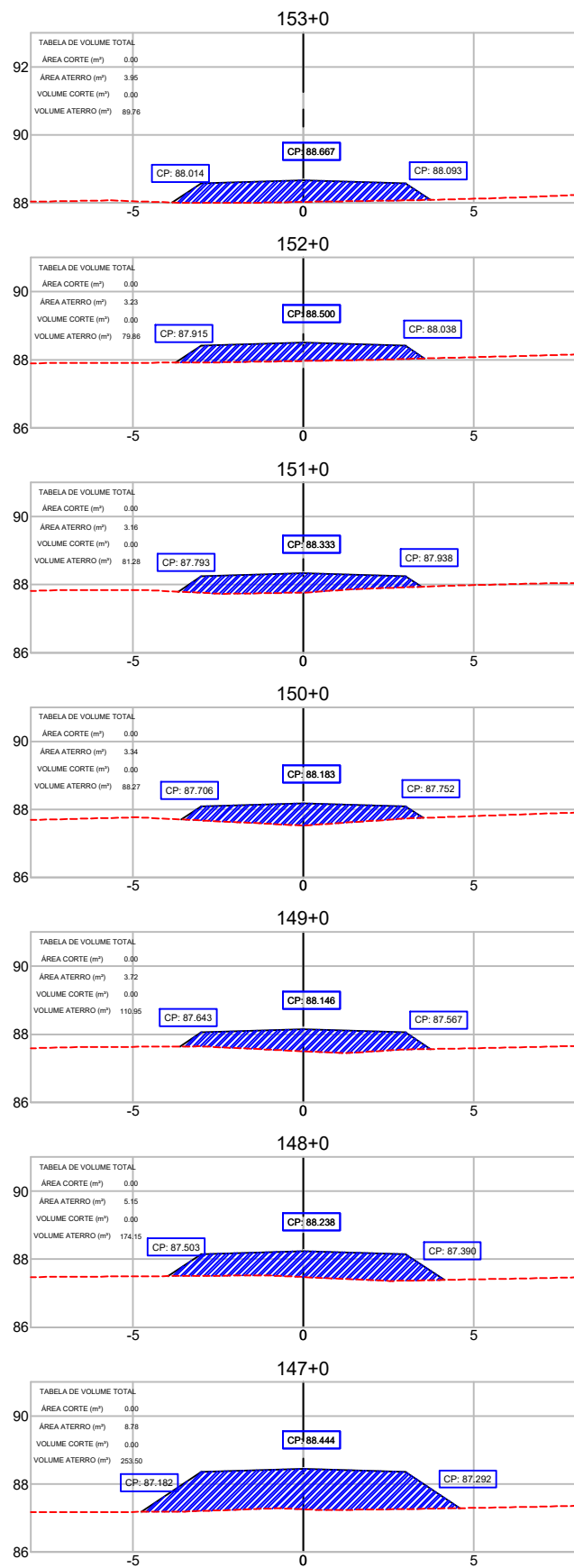
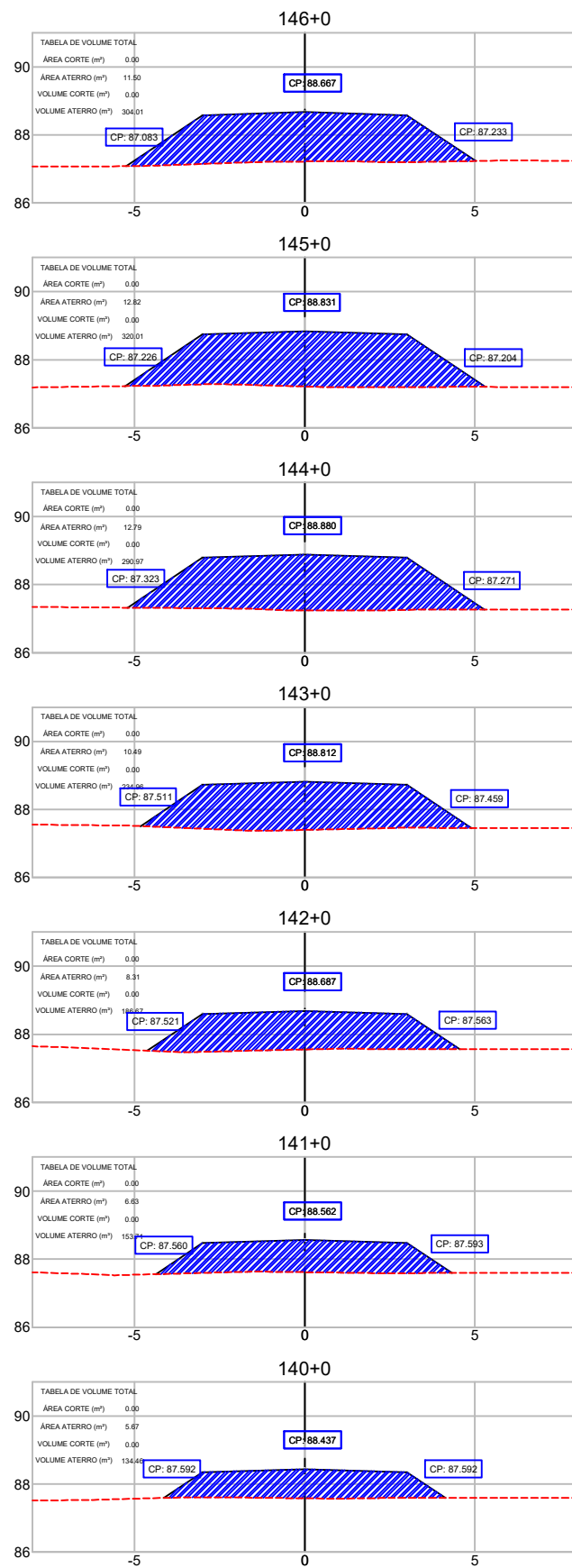
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		PROJETO GEOMÉTRICO	4/40	
CONCEDENTE:				A:
LOCAL:				B:
OBRA:				C:
Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				D:
AUTOR:				E:
PREFEITO MUNICIPAL				F:
SEMPLE:				G:
COORDENADAS:				H:
LATITUDE: 3°37'16.43"N				
LONGITUDE: 59°58'33.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESC: 1/1000				



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA OU TAPUME	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO INDEFINIDO	POSTE METÁLICO	LUMINÁRIA				
MARCO QUILOMÉTRICO	ESTATION DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREGIDOR	ALAGADO COM VEGETAÇÃO BREJO	POSTE COMUM	MURO DE ARRIMO	TORRE DE ALTA TENSÃO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL: SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983					
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1º	EDICÃO				
REV.	DESCRIÇÃO				

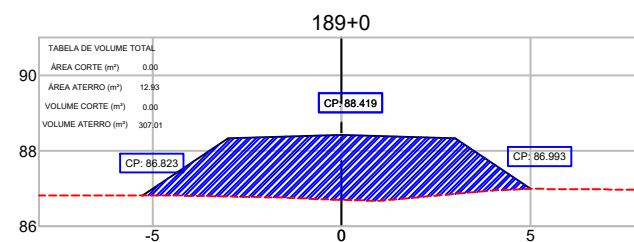
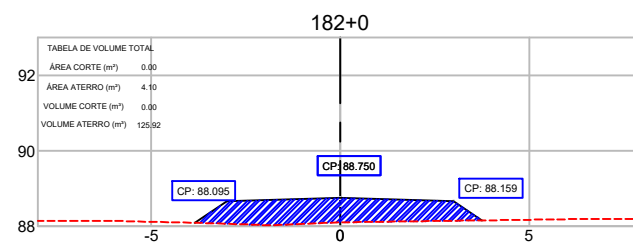
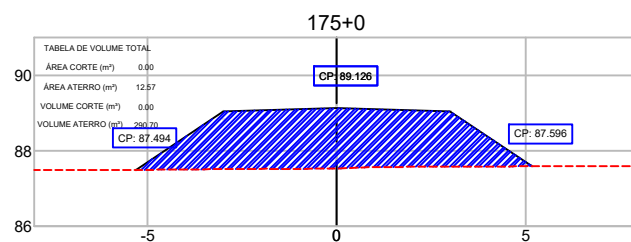
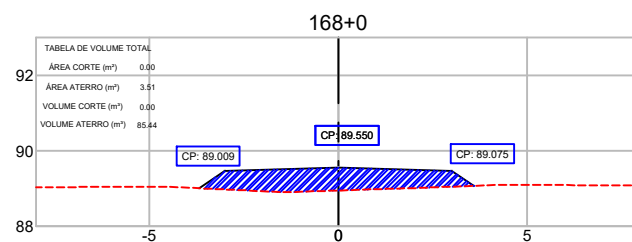
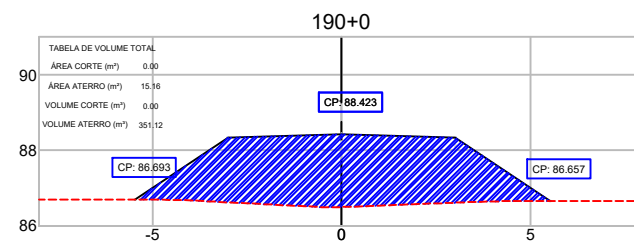
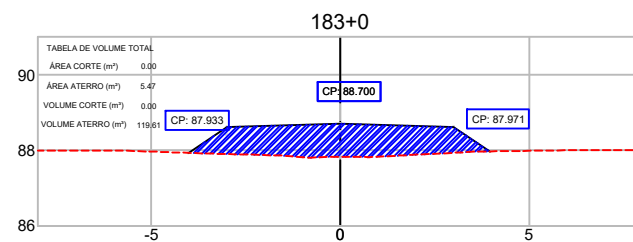
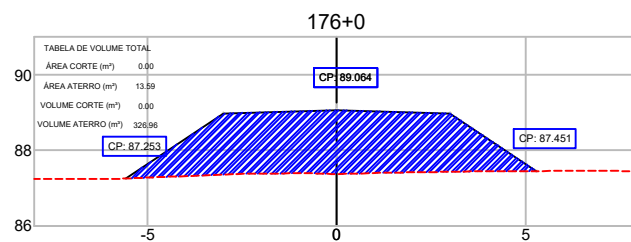
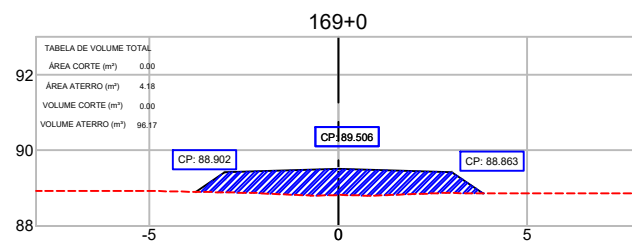
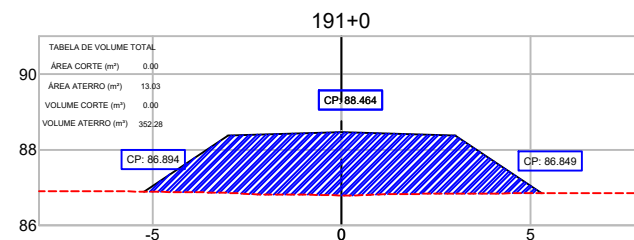
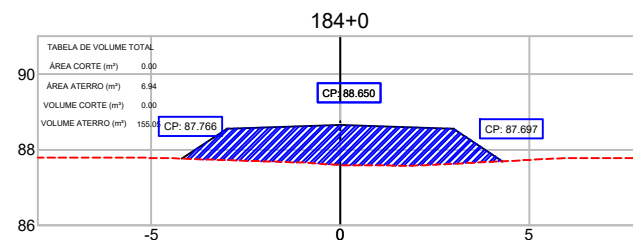
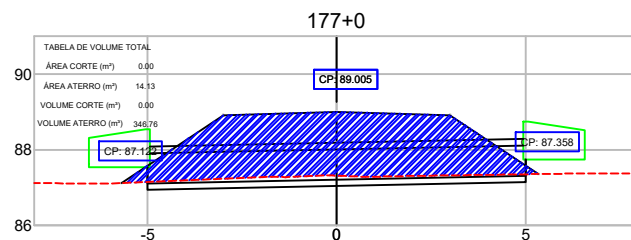
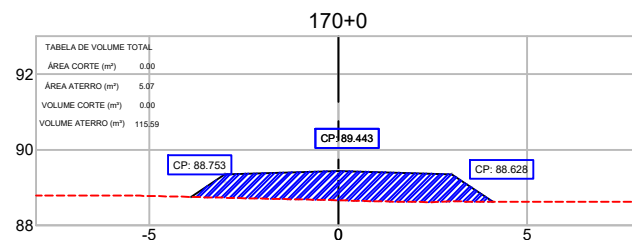
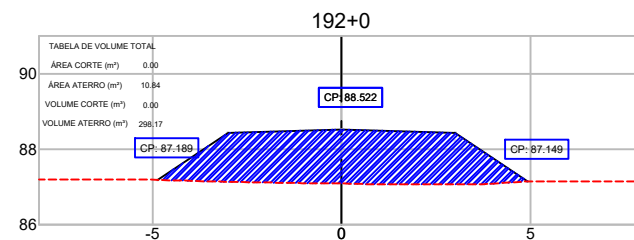
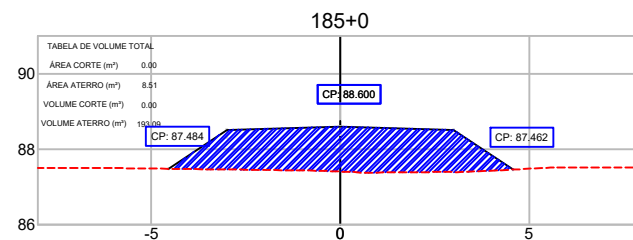
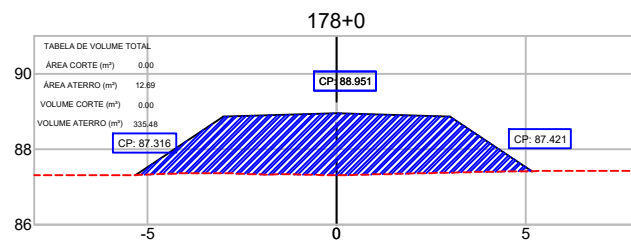
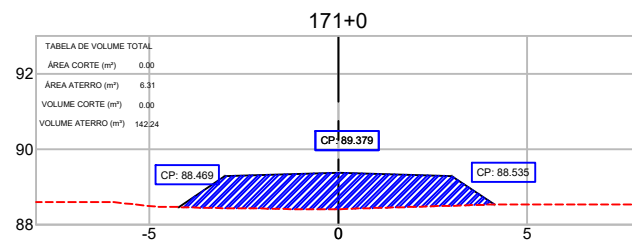
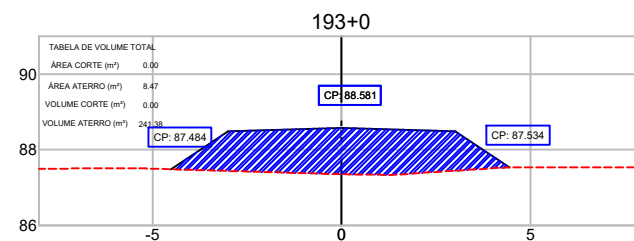
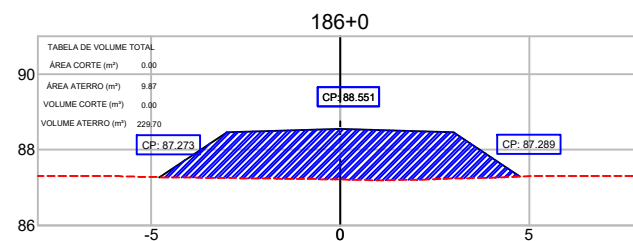
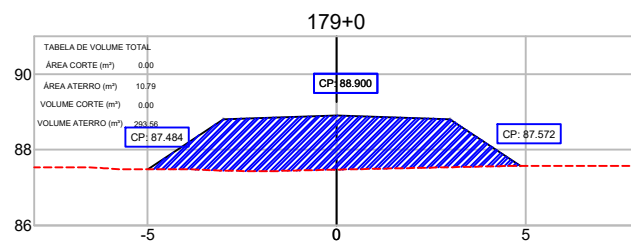
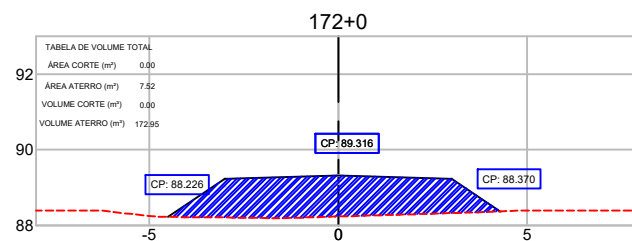
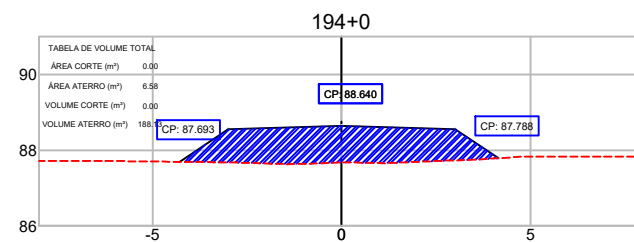
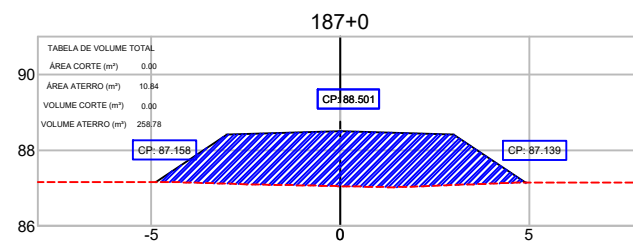
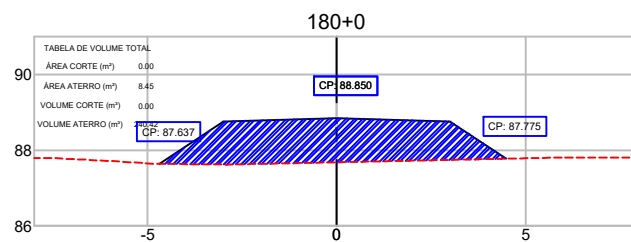
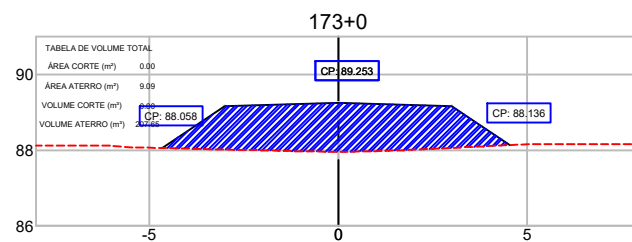
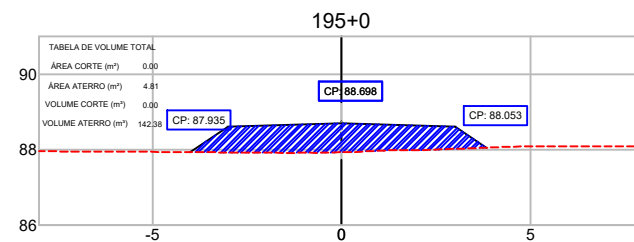
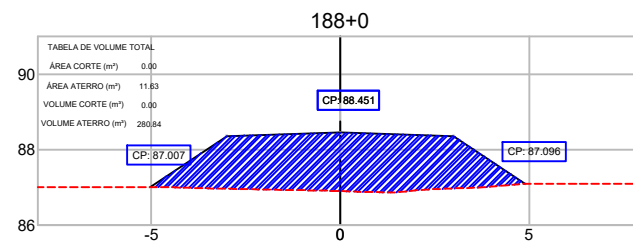
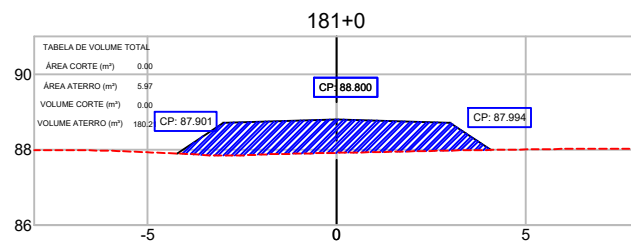
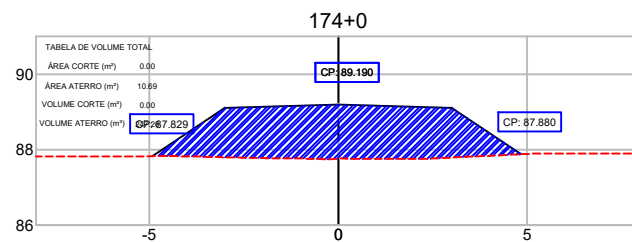
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	5/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
AUTOR: PREFEITO MUNICIPAL				
SEMPLE:				
COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -56°58'53.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESC: 1/1000				



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE METÁLICO					
MURO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREGIDOR	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	CAIXA DE INSPEÇÃO	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	REDE ELÉTRICA AÉREA	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC68 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E EMPRESAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENI:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	6/40	
CONCEDENTE:		LOCAL: VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -59°58'33.96"W		
PREFEITO MUNICIPAL:		DATA: 01/06/2025		
SEMPLE:		DIM: METRO		
		ESC: 1/1000		



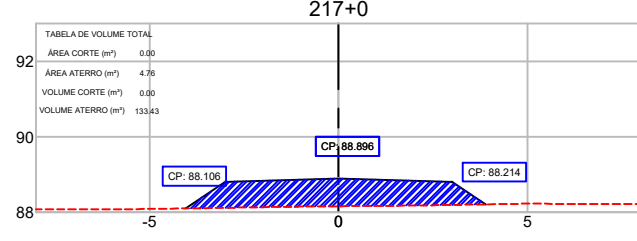
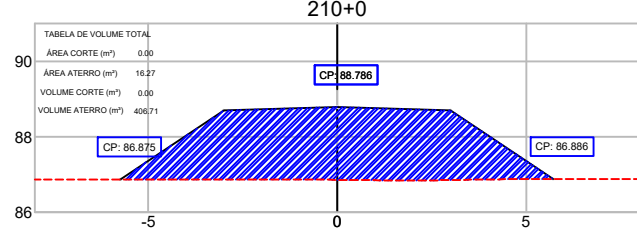
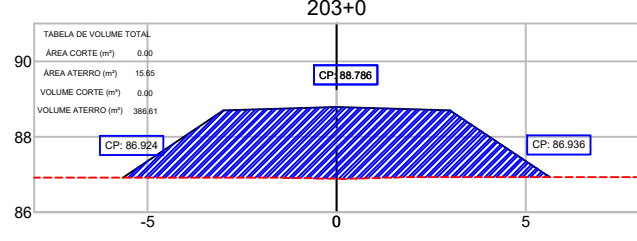
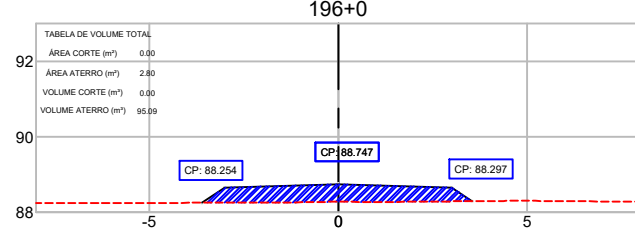
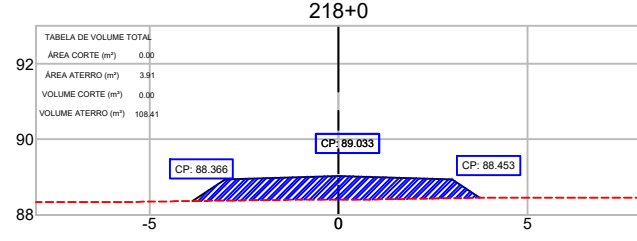
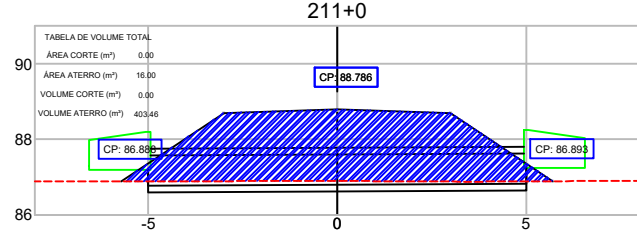
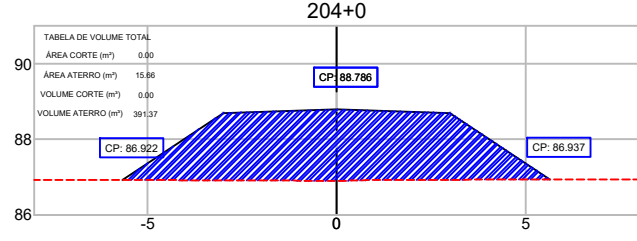
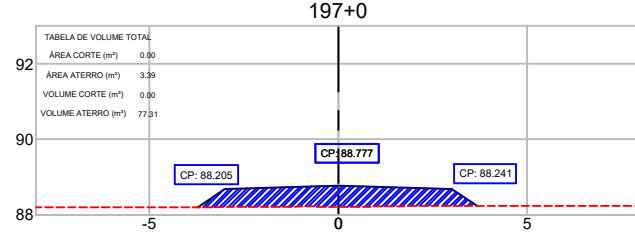
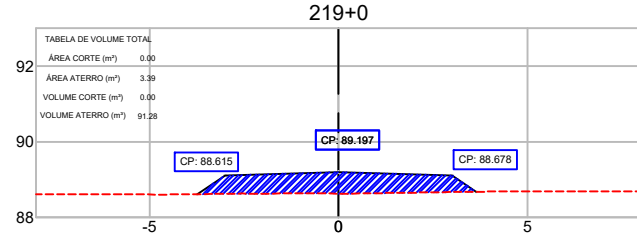
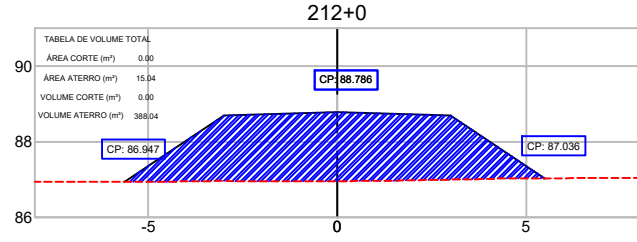
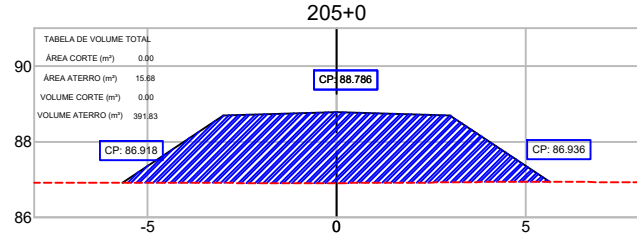
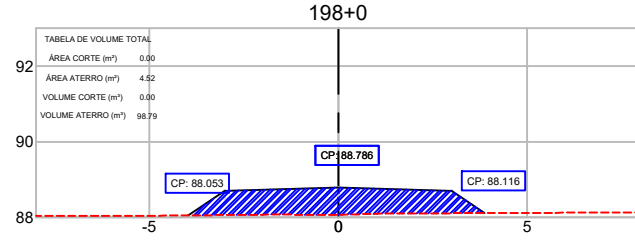
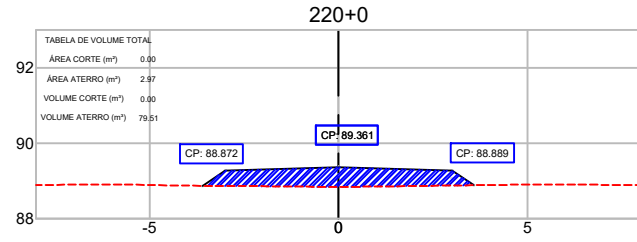
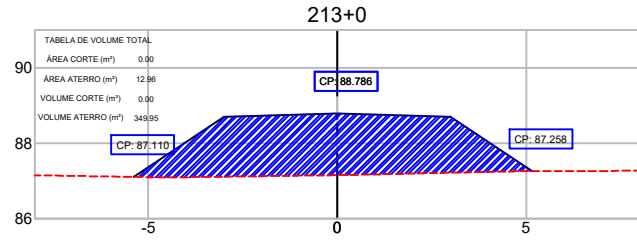
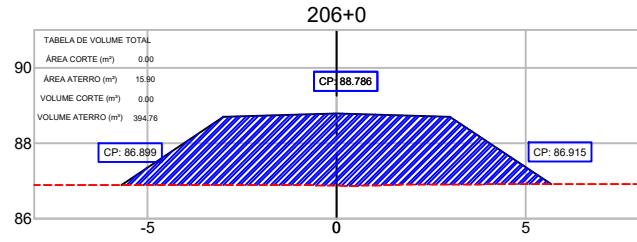
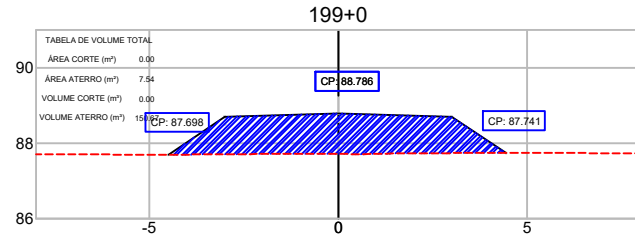
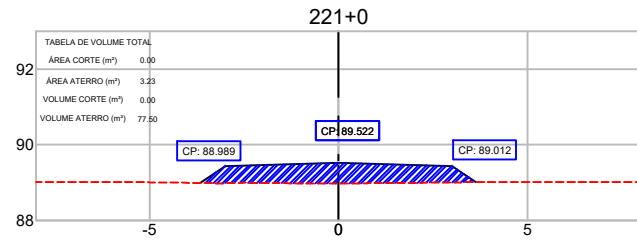
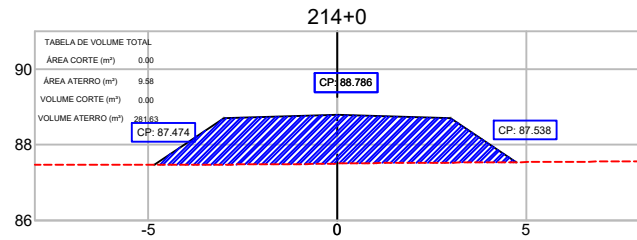
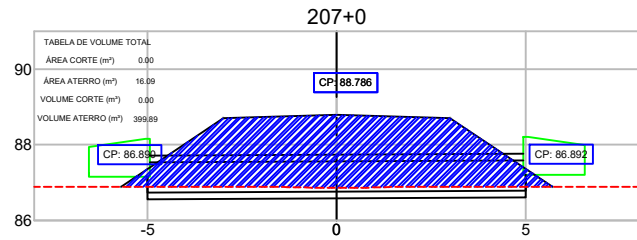
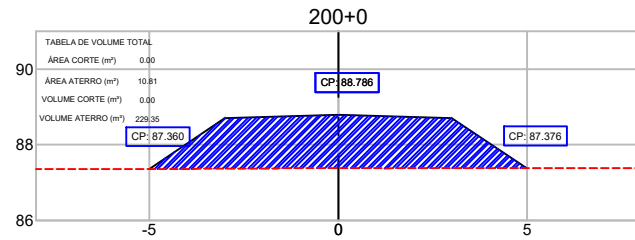
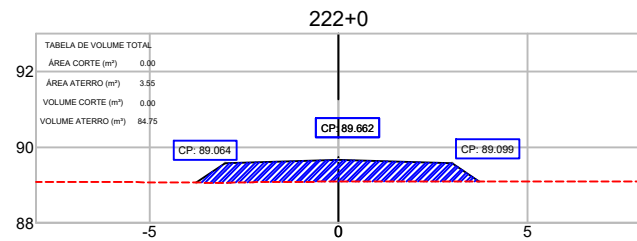
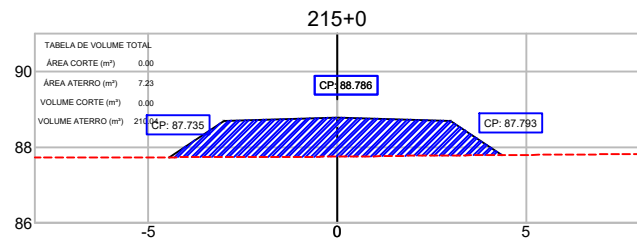
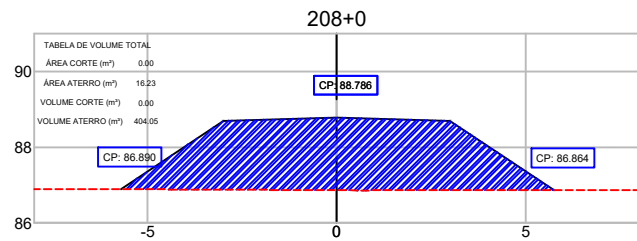
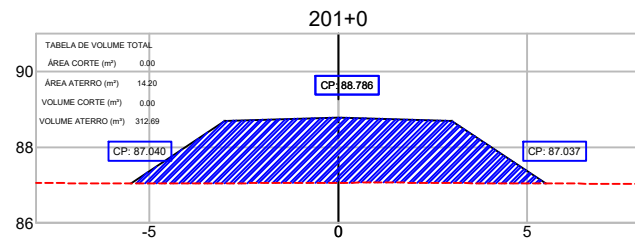
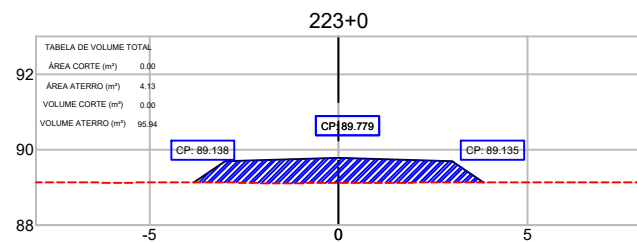
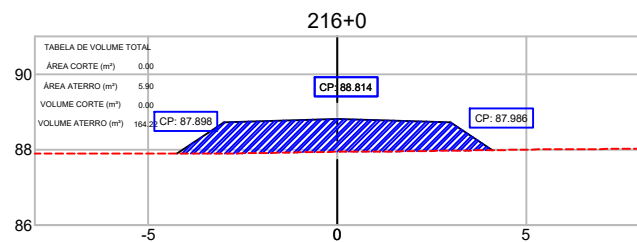
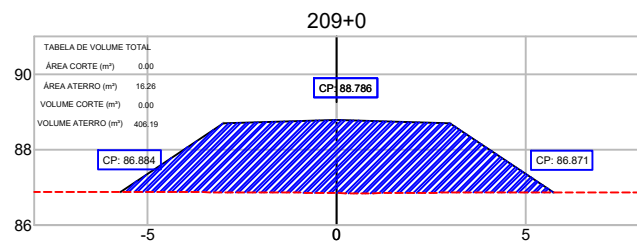
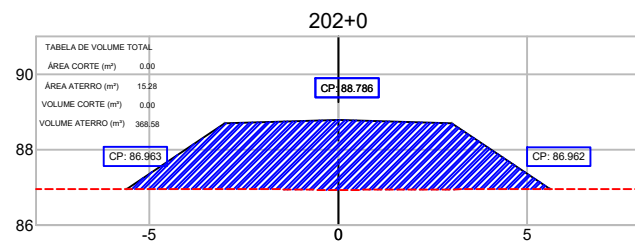
CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA OU TAPUME	POSTE COMUM	ENERGIA ELÉTRICA	EXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO INDEFINIDO	POSTE METÁLICO	LUMINÁRIA				
MURO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO BREVIO	POSTE COMUM	MURO DE ARRIMO	TORRE DE ALTA TENSÃO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO						

REFERÊNCIA CARTOGRÁFICA

PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM
 PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR
 CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE).
 ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA
 COMPIL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983

REV.	DATA	EXEC.	VERIF.	APROV.
1º				
1º				
REV.				

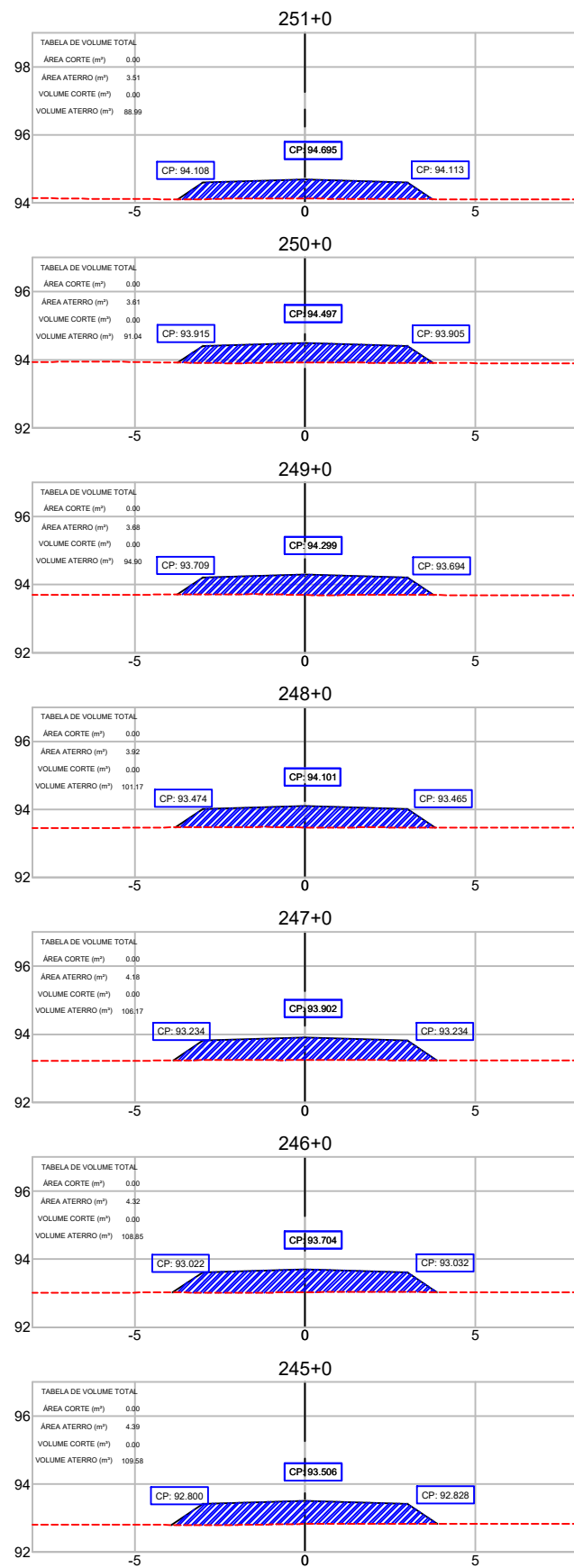
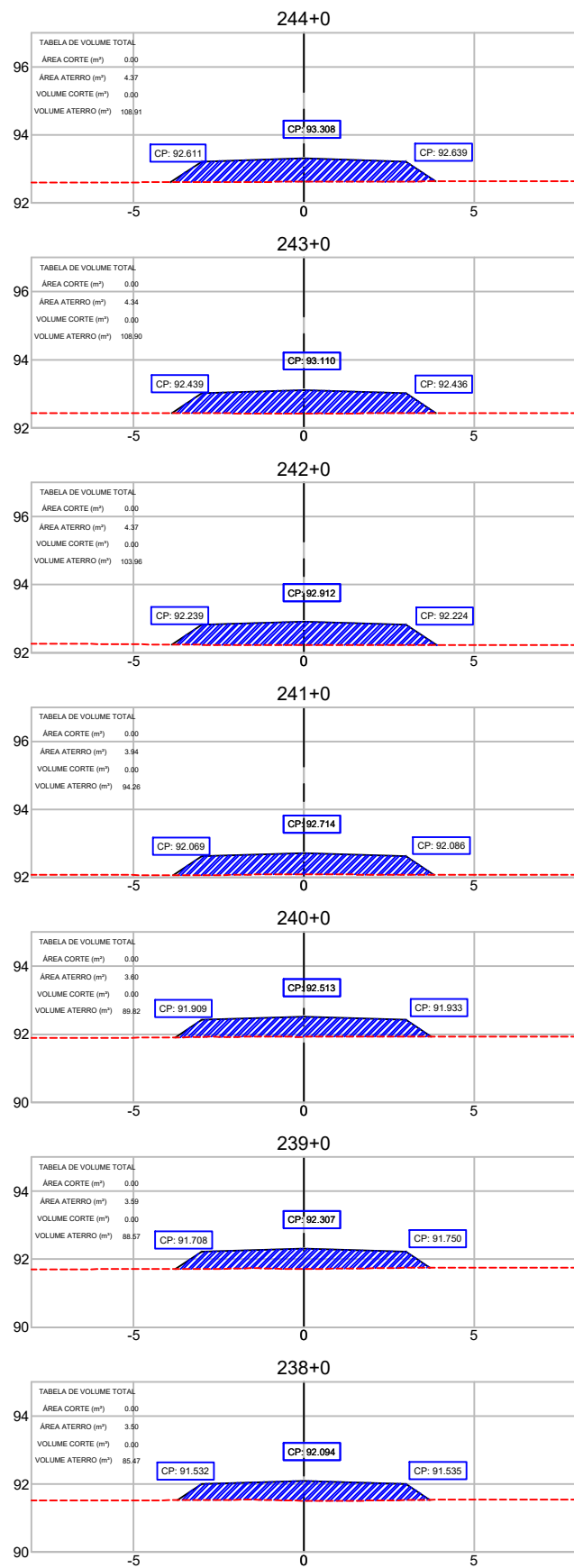
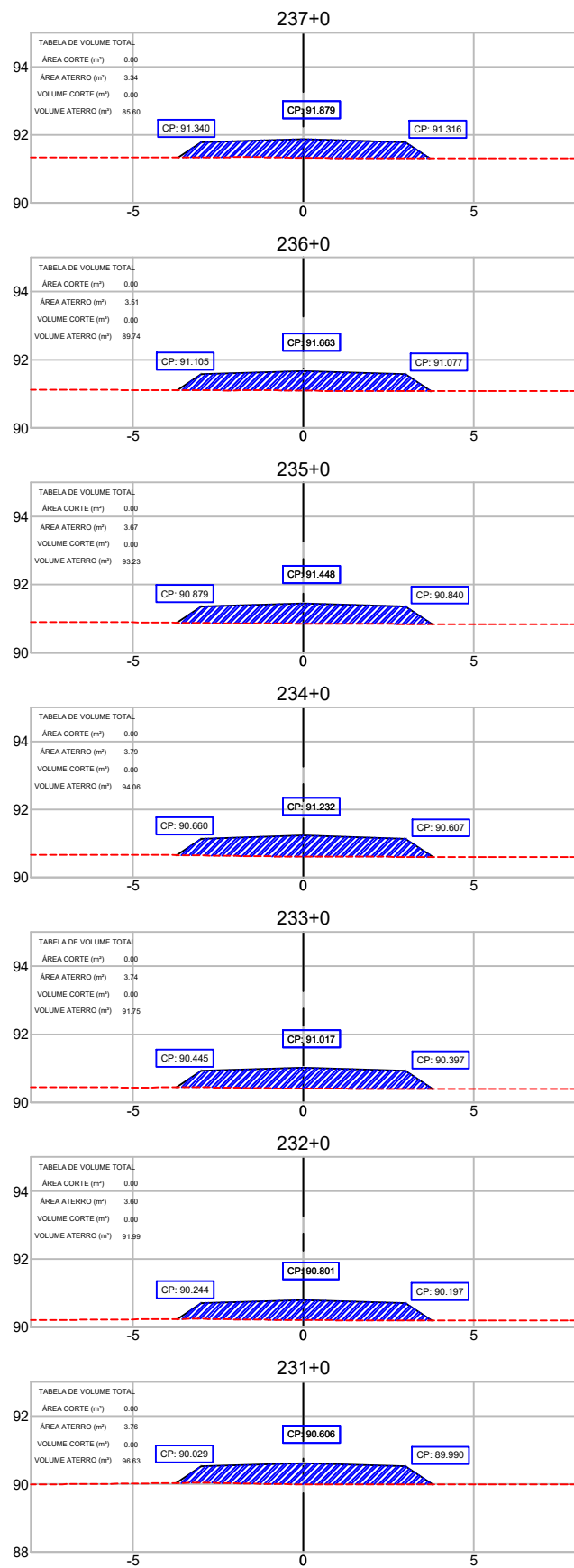
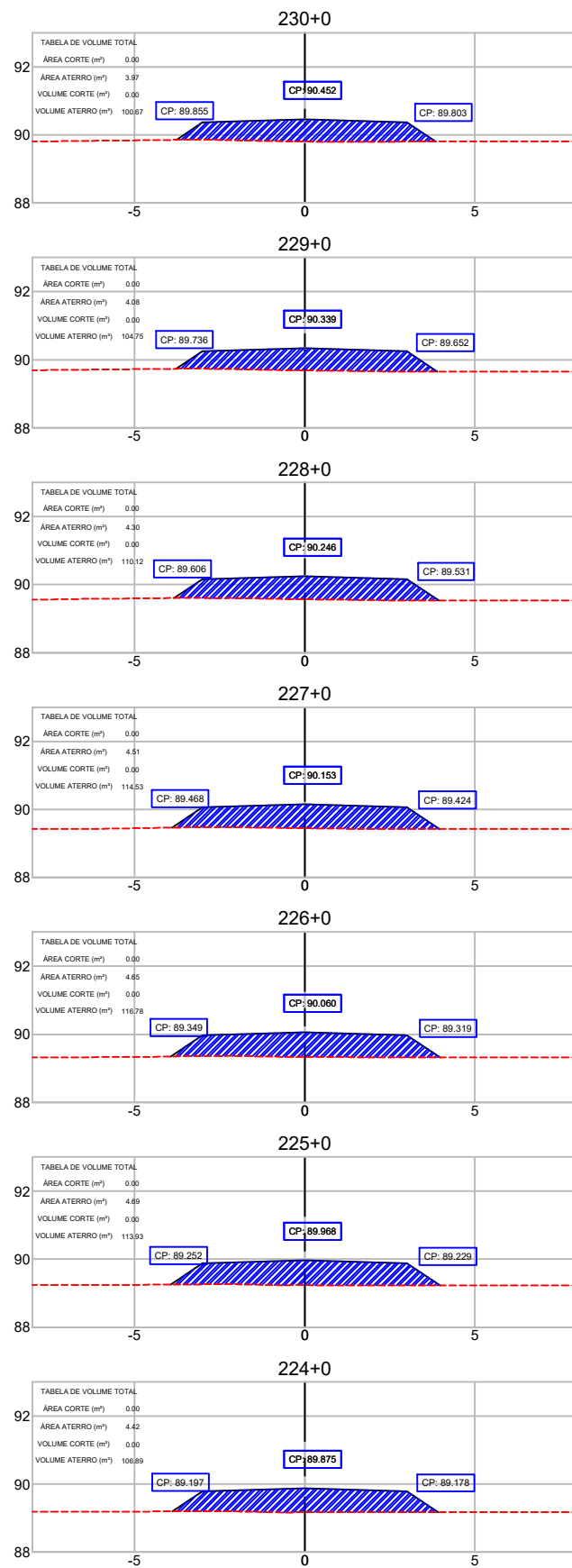
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		PROJETO GEOMÉTRICO	7/34	
CONCEDENTE:	LOCAL:	OBRA:	TRECHO:	
	VICINAL - RAPOSA - NOD 438	Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR	KM 0,00 - KM 22,376	
AUTOR:	COORDENADAS:	DATA:	DIM.	
PREFEITO MUNICIPAL	LATITUDE: 7°37'16.43"N LONGITUDE: 59°58'33.96"W	01/06/2025	METRO	
SEMPLE:		ESC:	1/1000	



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	INSTRUMENTADO	POSTE METÁLICO	LUMINÁRIA			
MURO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	TELEFONE	MURO DE ARRIMO	TORRE DE ALTA TENSÃO			
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJE DE TUBO						
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

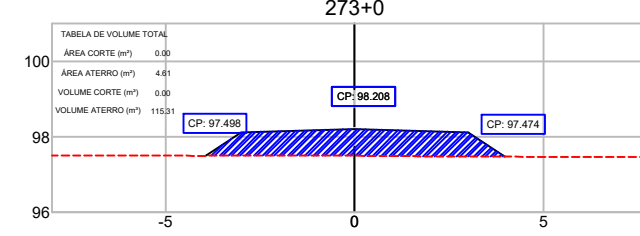
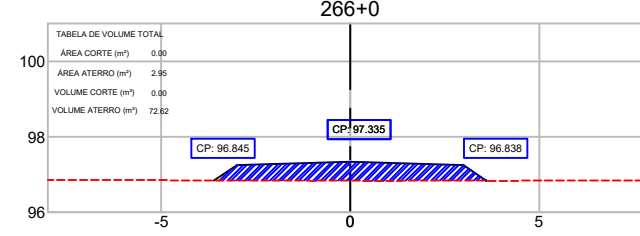
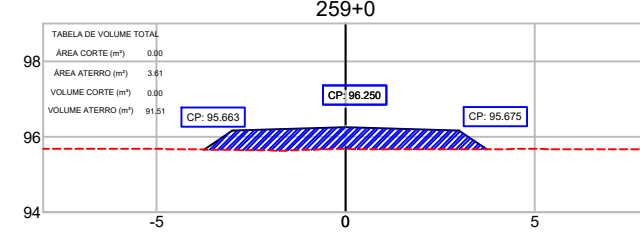
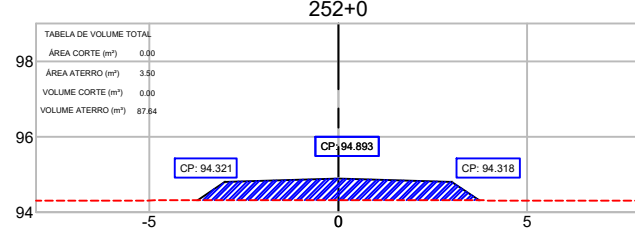
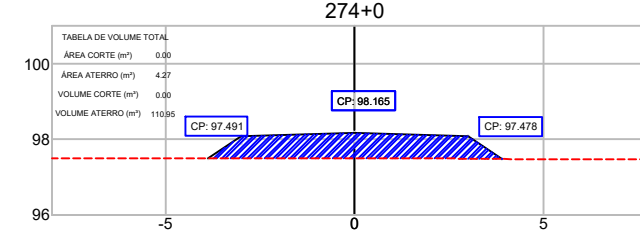
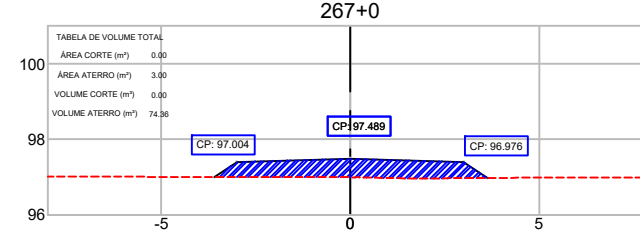
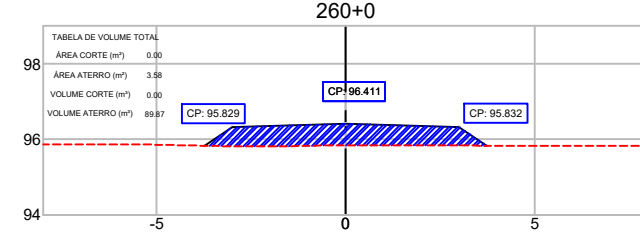
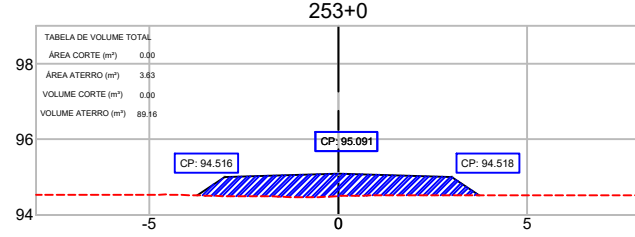
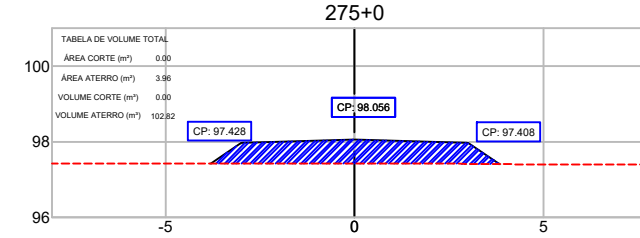
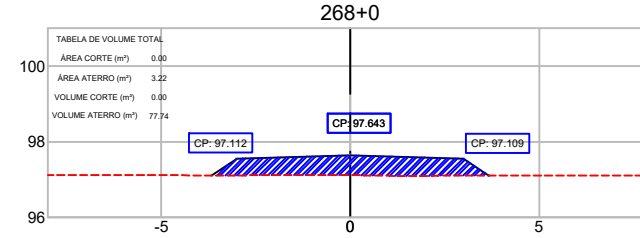
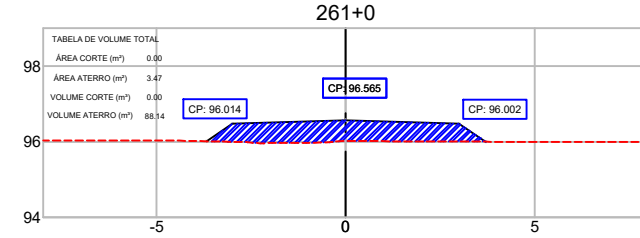
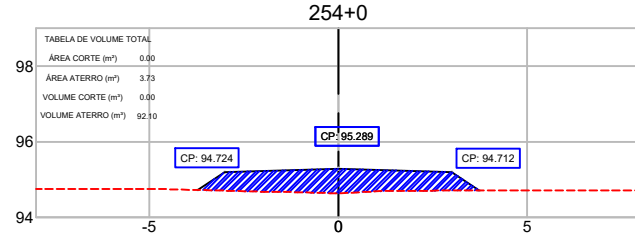
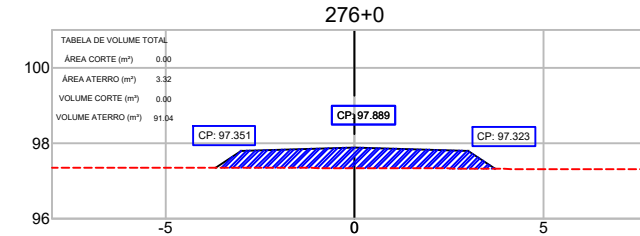
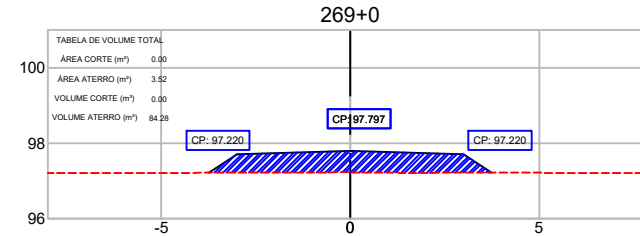
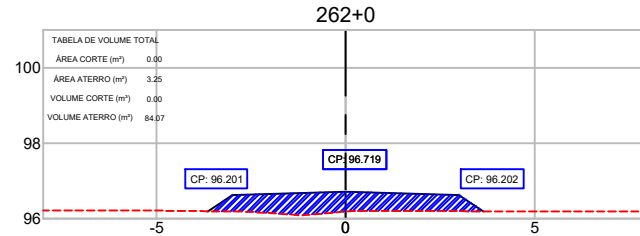
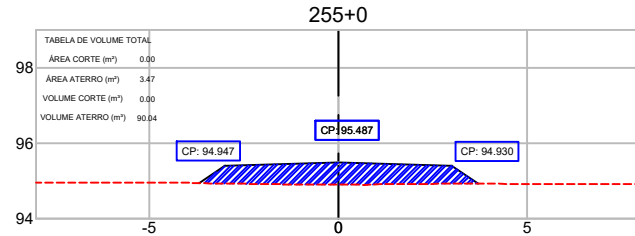
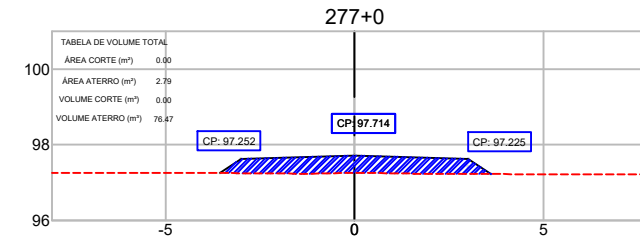
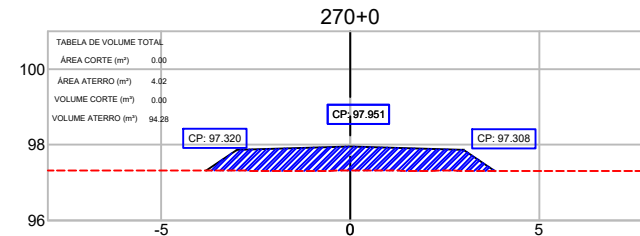
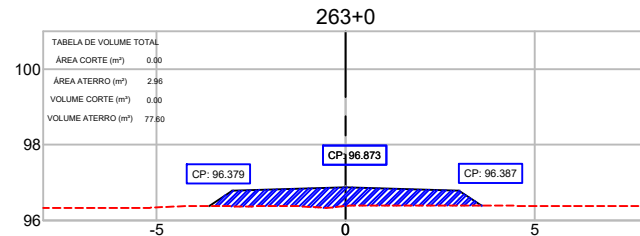
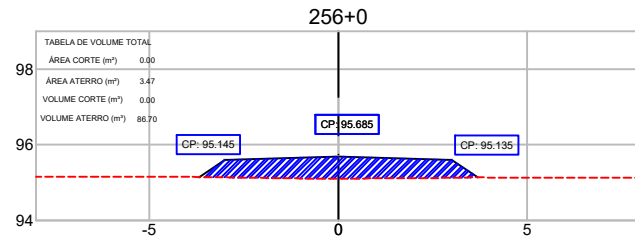
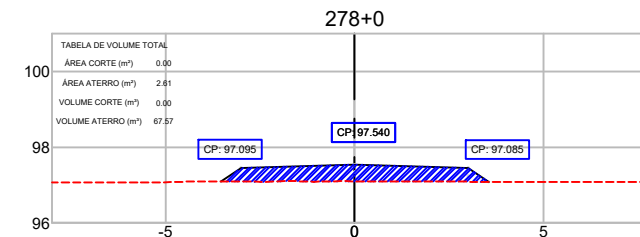
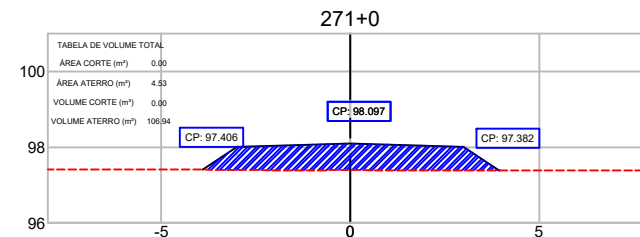
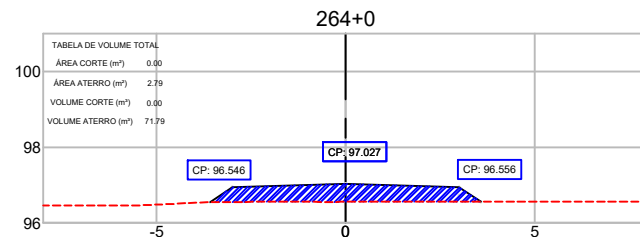
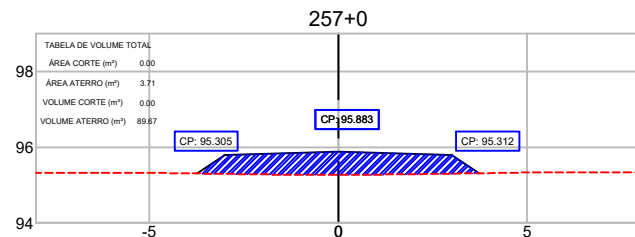
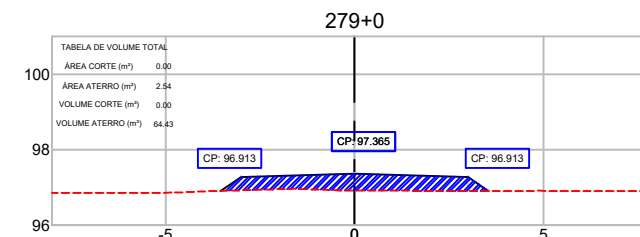
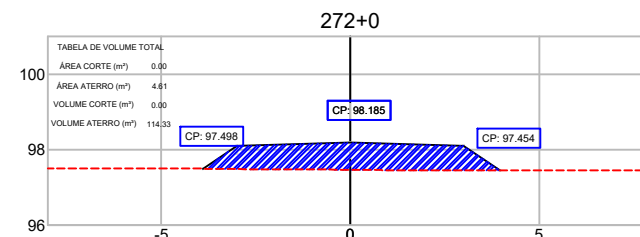
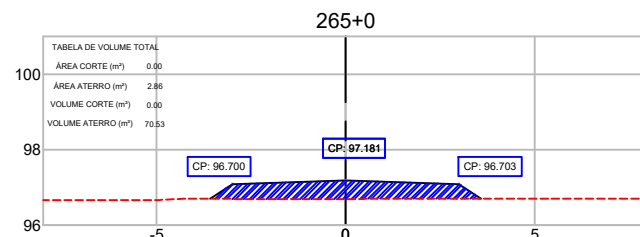
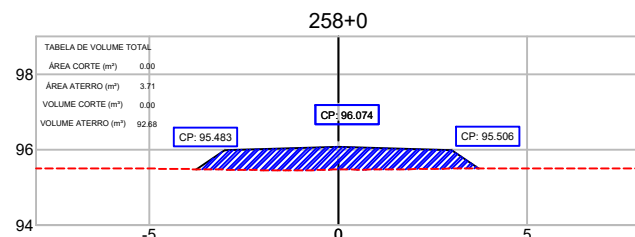
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PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL: SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	8/40	
CONCEDENTE:				A:
LOCAL:				B:
OBRA:				C:
Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				D:
AUTOR:				E:
PREFEITO MUNICIPAL				F:
SEMPLE:				G:
COORDENADAS:				H:
LATITUDE: 7°37'16.43"N				
LONGITUDE: 59°58'33.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESC: 1/1000				



REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

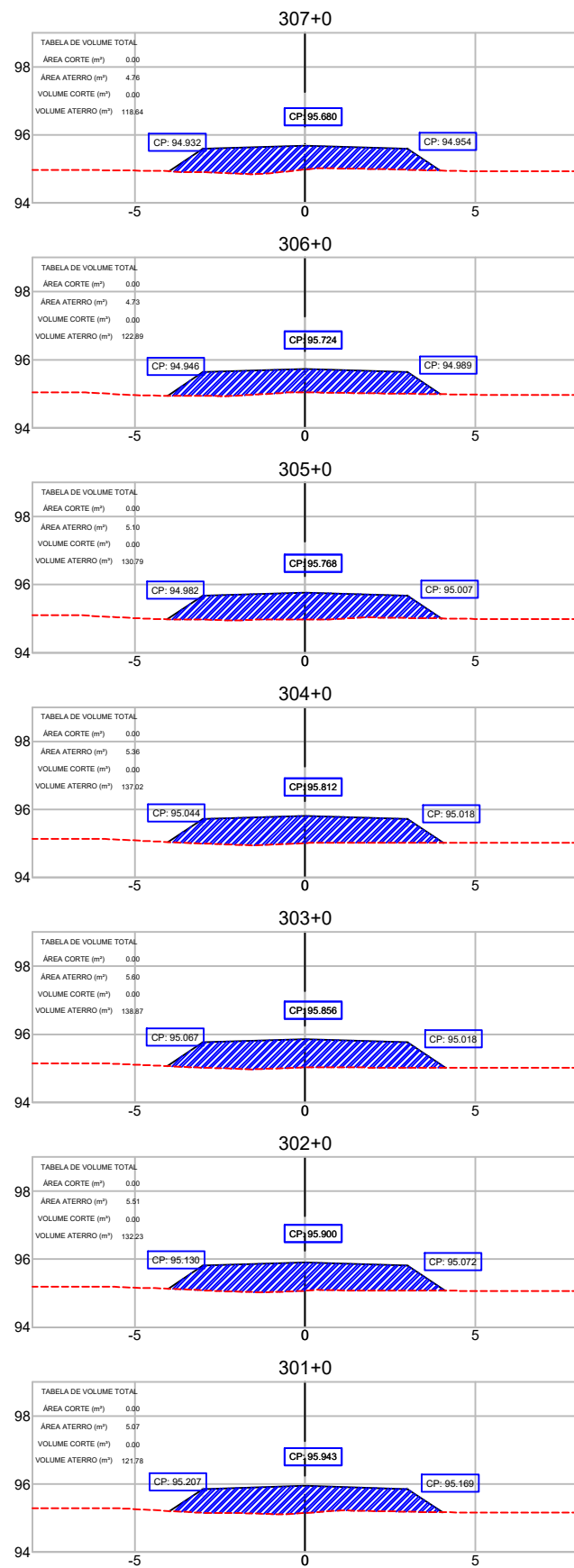
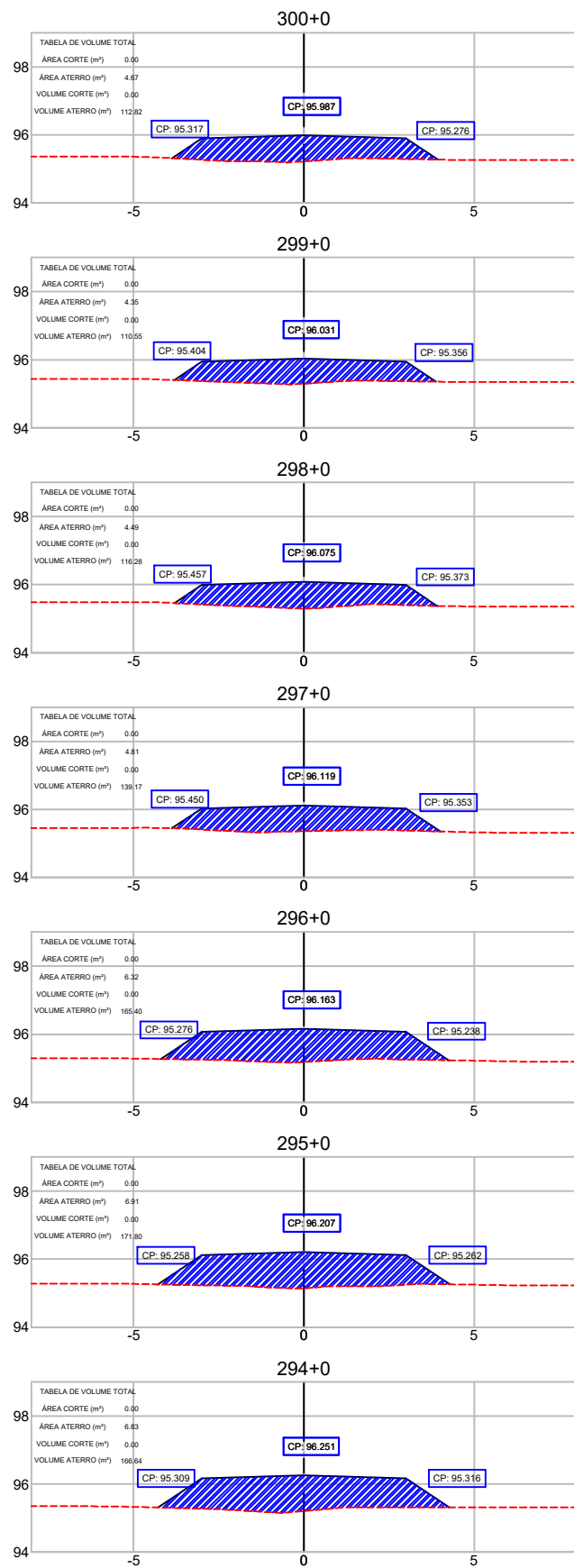
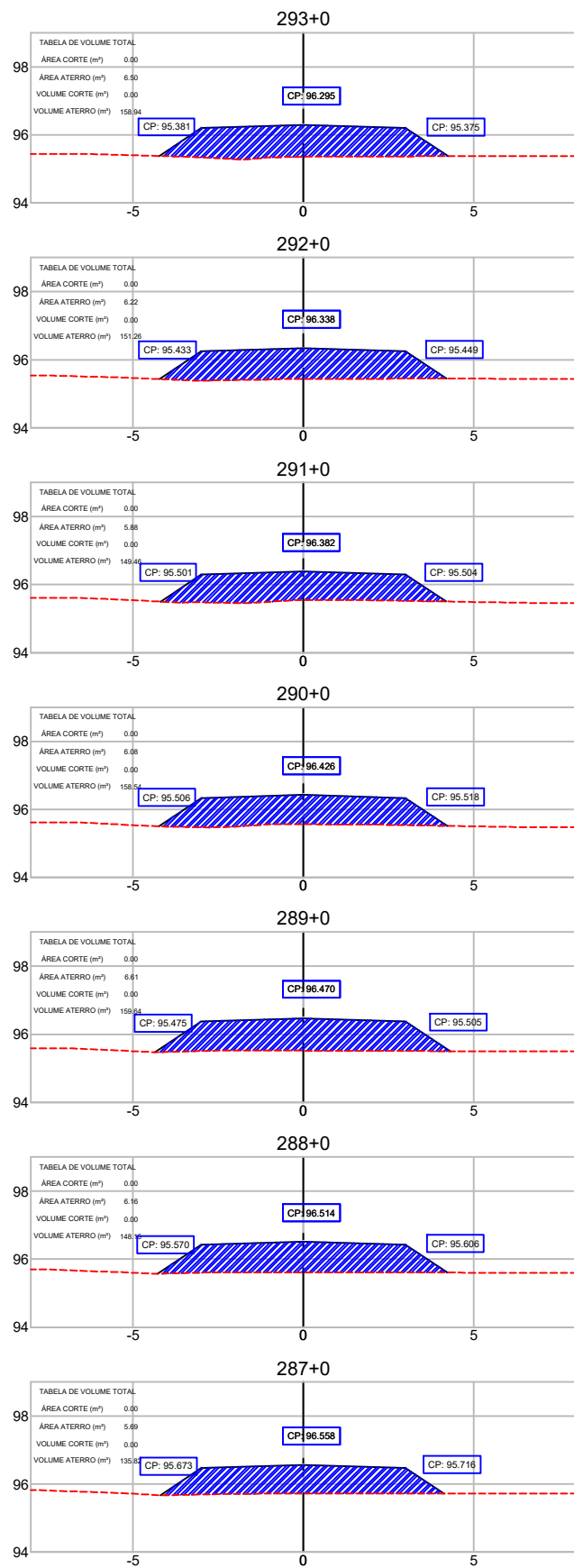
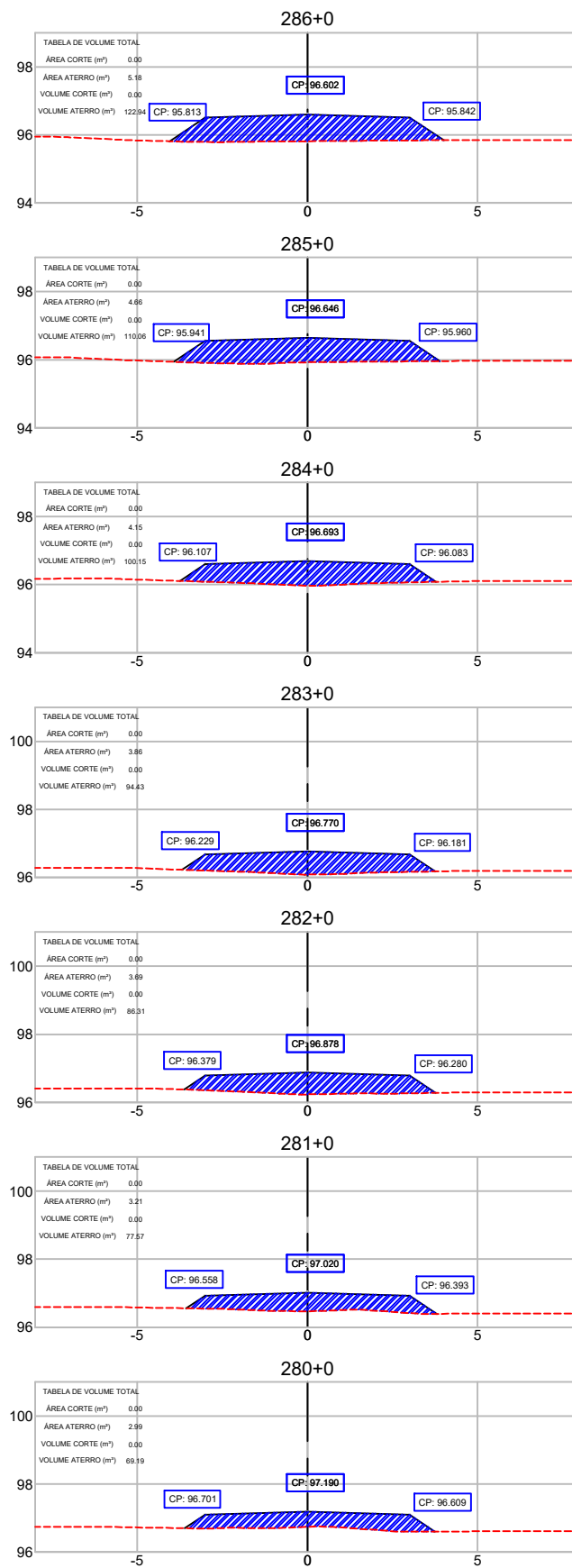
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		PROJETO GEOMÉTRICO	9/40	
CONCEDENTE:		LOCAL: VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: 3°37'16.43"N LONGITUDE: 59°58'33.96"W		
PREFEITO MUNICIPAL		DATA: 01/06/2025		
SEMPLE:		DIM: METRO		
		ESC: 1/1000		



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MAIA / CULTURA	ALINHAMENTO	POSTE METÁLICO					
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREGIDOR	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE/IBGE E IMPRESSAS EM A983					
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1º	EDICÃO				
REV.	DESCRIÇÃO				

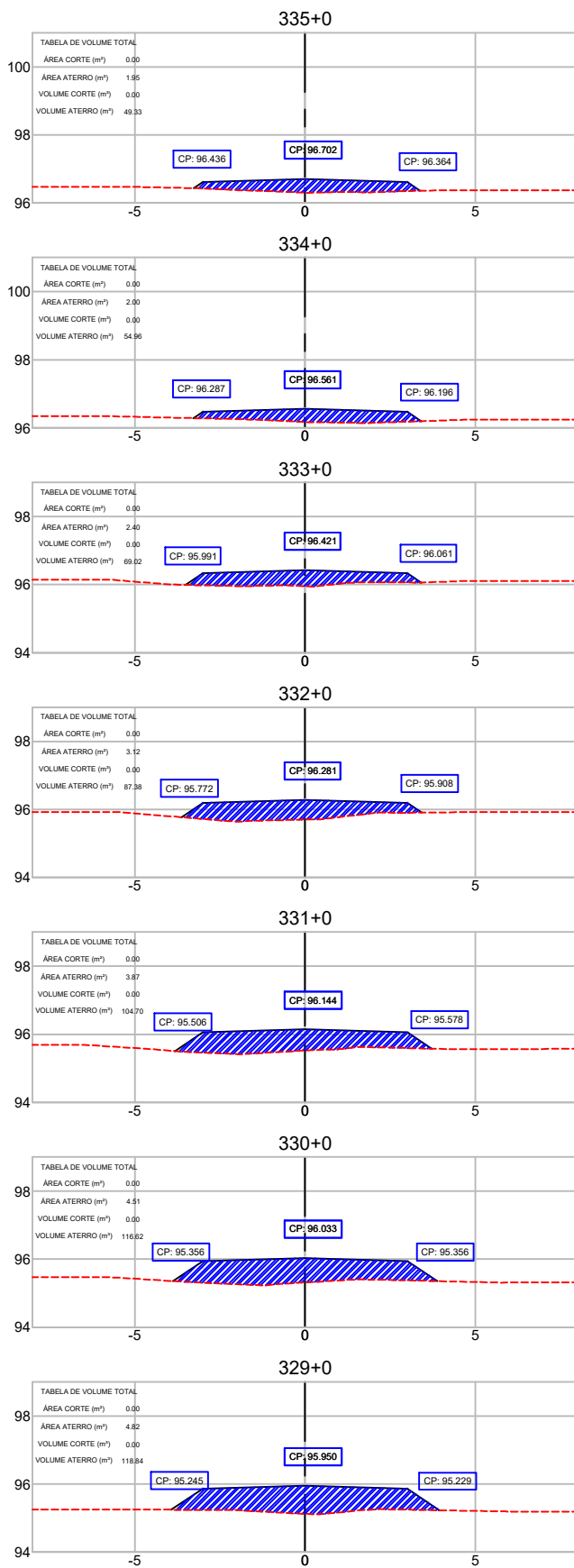
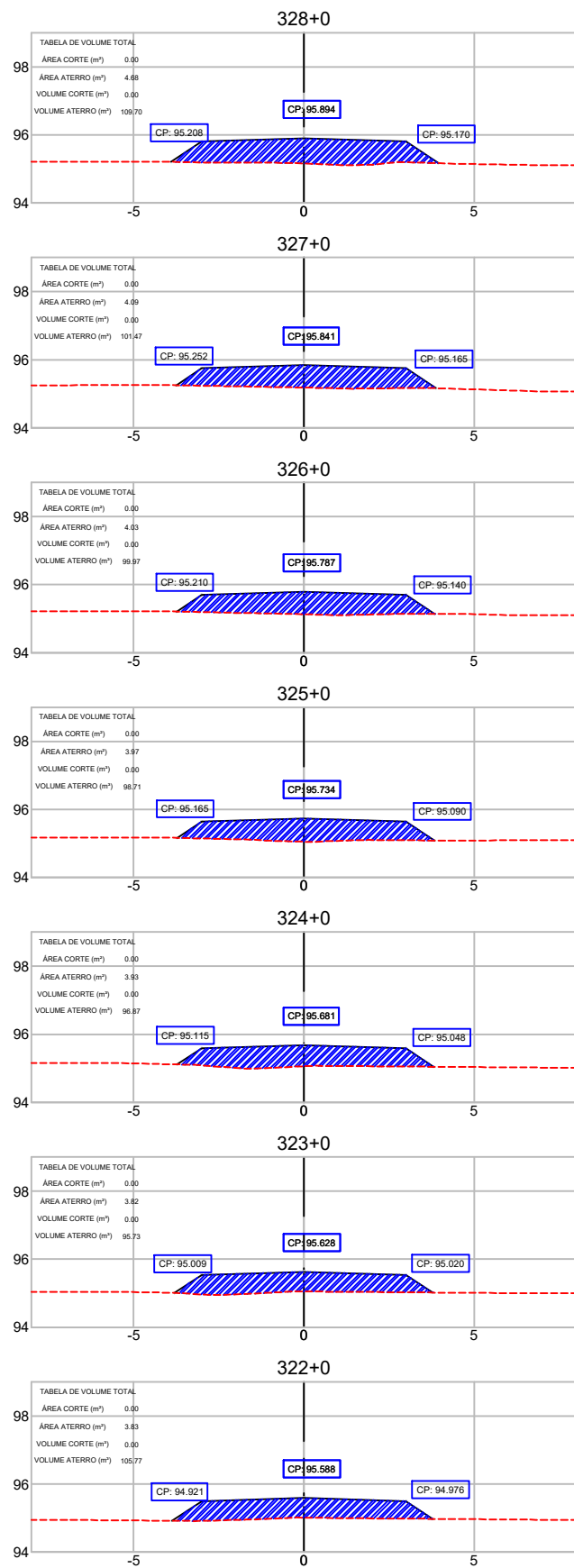
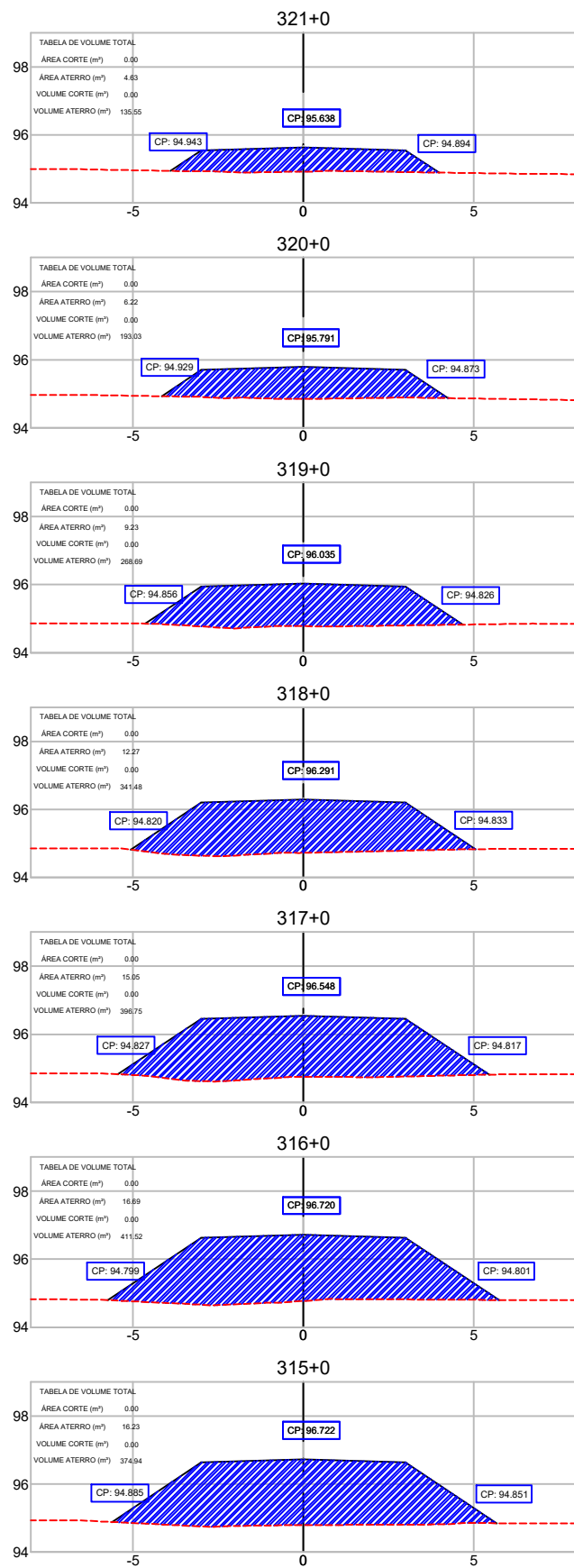
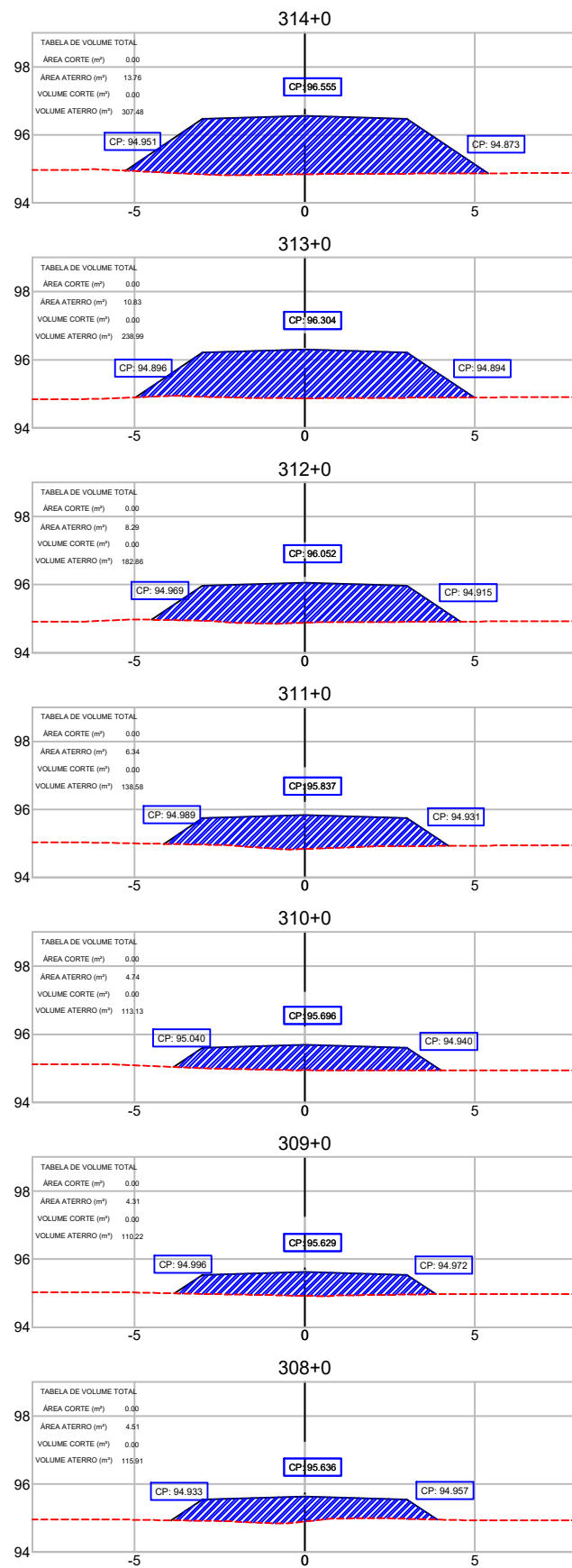
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		PROJETO GEOMÉTRICO	10/40	
CONCEDENTE:		LOCAL: VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: 7°37'16.43"N LONGITUDE: 59°58'33.96"W		
PREFEITO MUNICIPAL:		DATA: 01/06/2025		
SEMPLE:		DIM: METRO		
		ESC: 1/1000		



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA OU TAPUME	POSTE COMUM	ENERGIA ELÉTRICA	EXCO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO INDEFINIDO	POSTE METÁLICO	LUMINÁRIA				
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO BREVIO	POSTE COMUM	MURO DE ARRIMO	TORRE DE ALTA TENSÃO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TAPAMENTO						
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA				
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6,63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983				
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1º	EDICÃO			
REV.	DESCRIÇÃO			

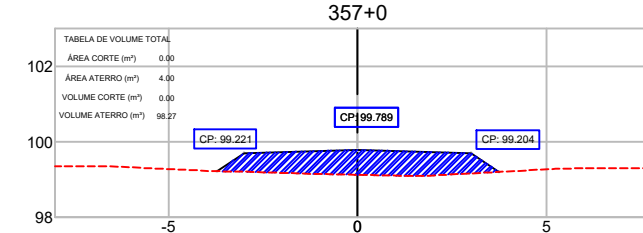
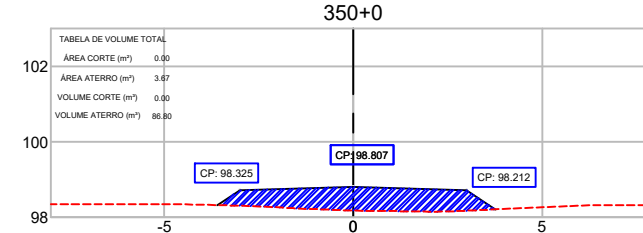
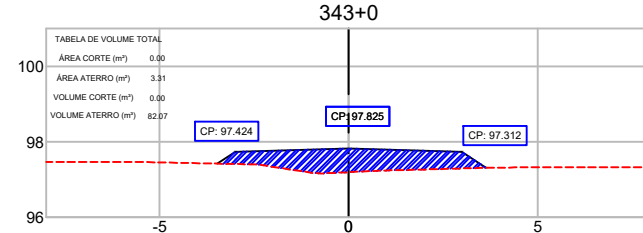
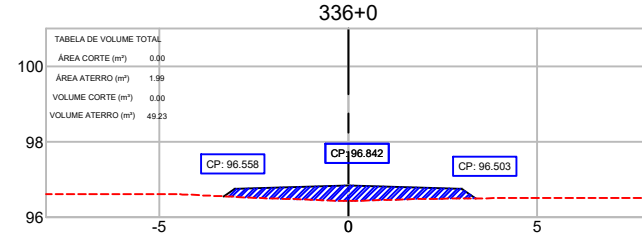
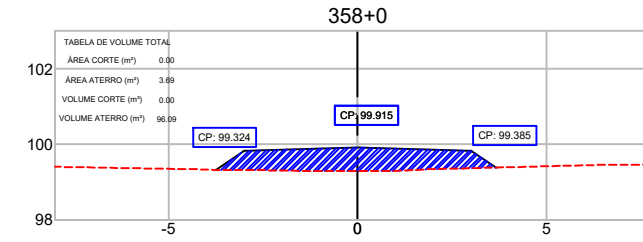
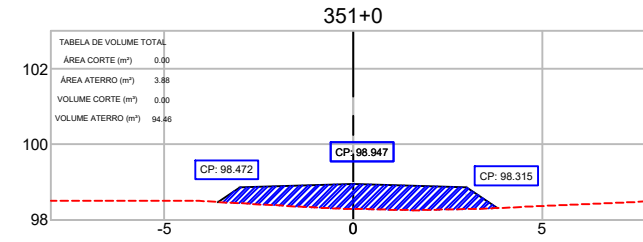
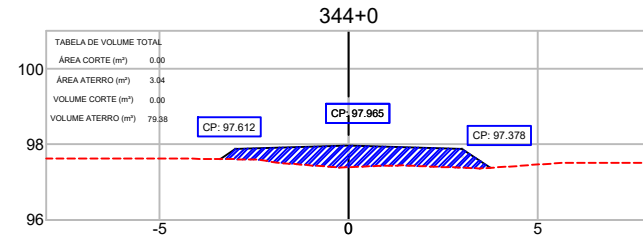
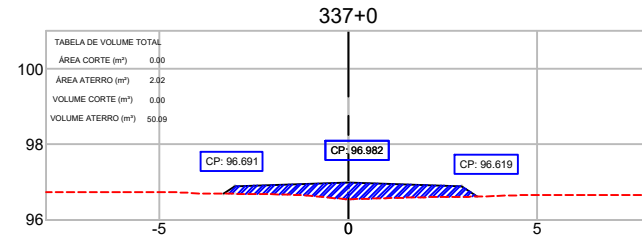
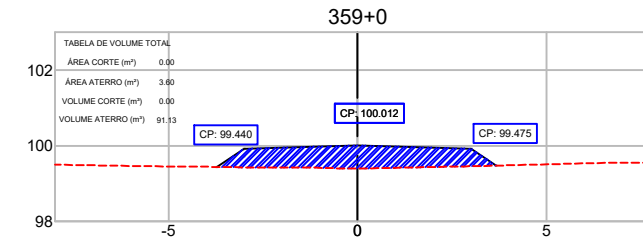
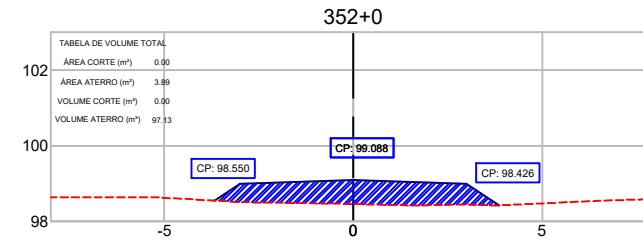
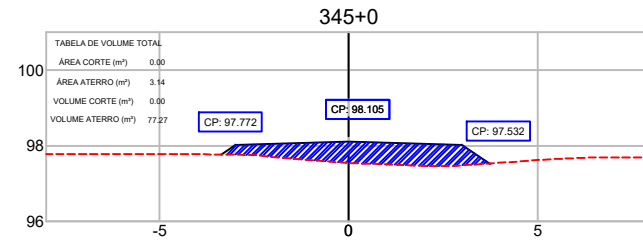
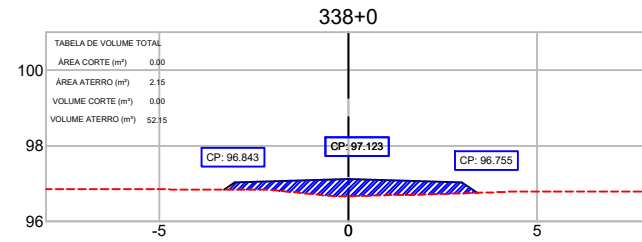
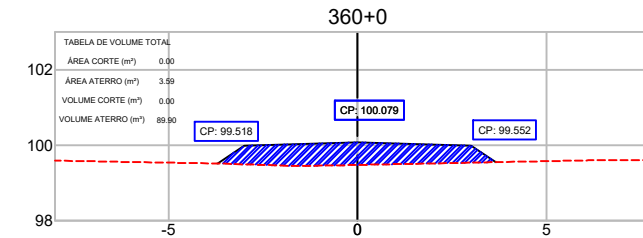
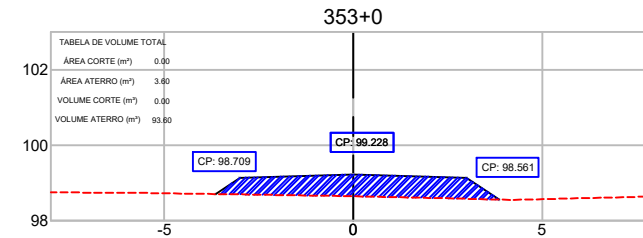
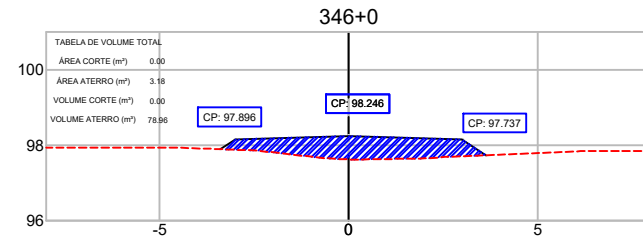
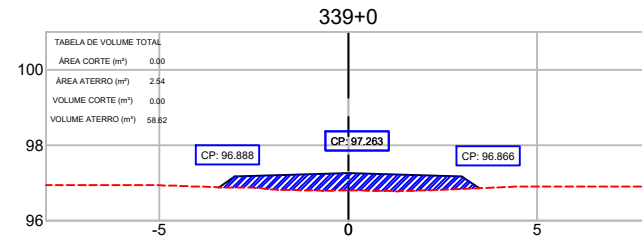
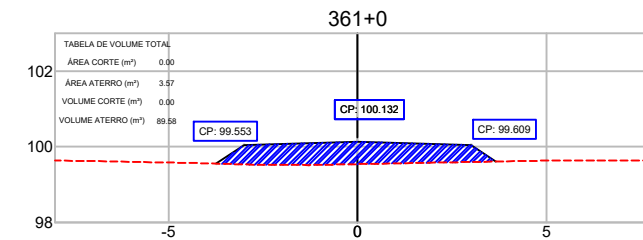
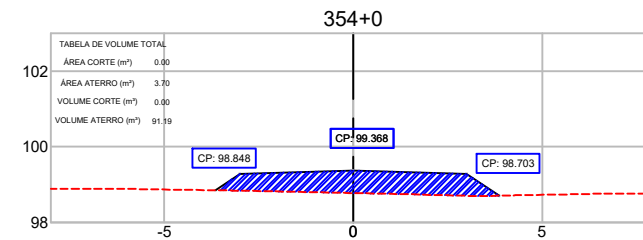
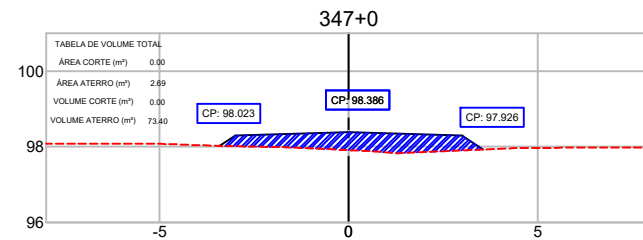
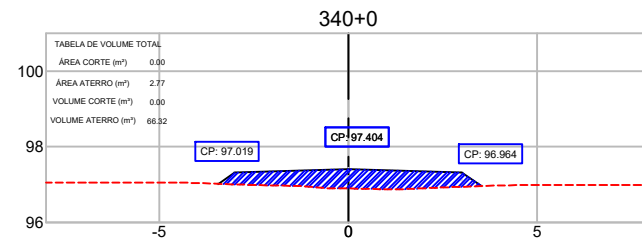
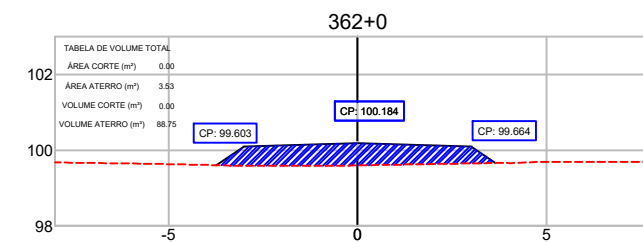
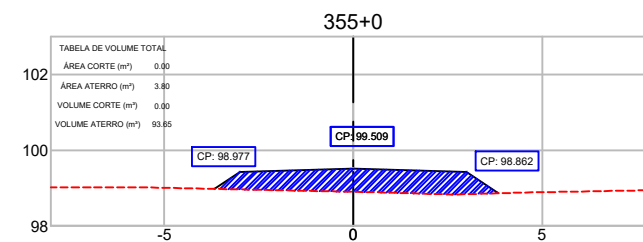
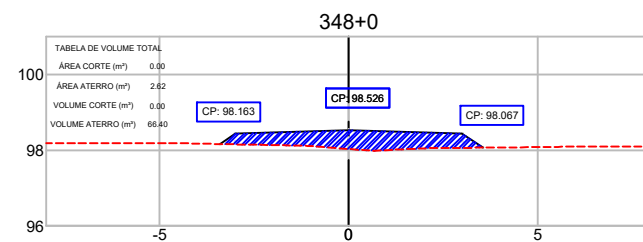
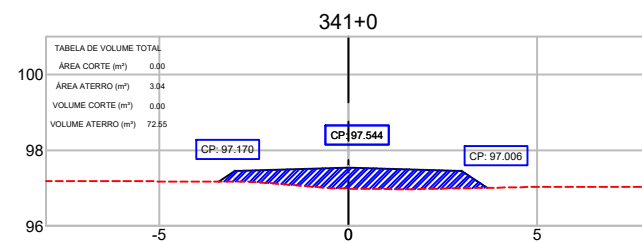
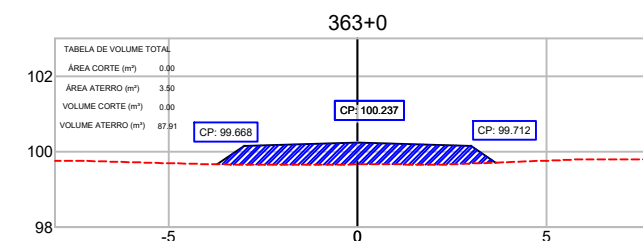
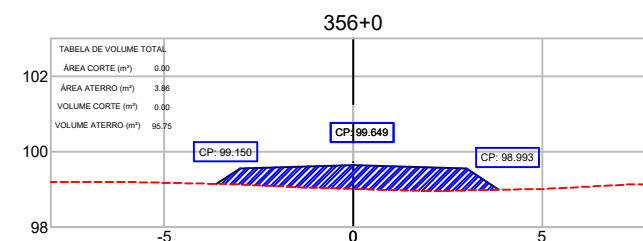
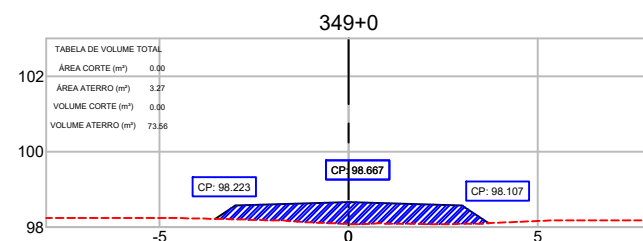
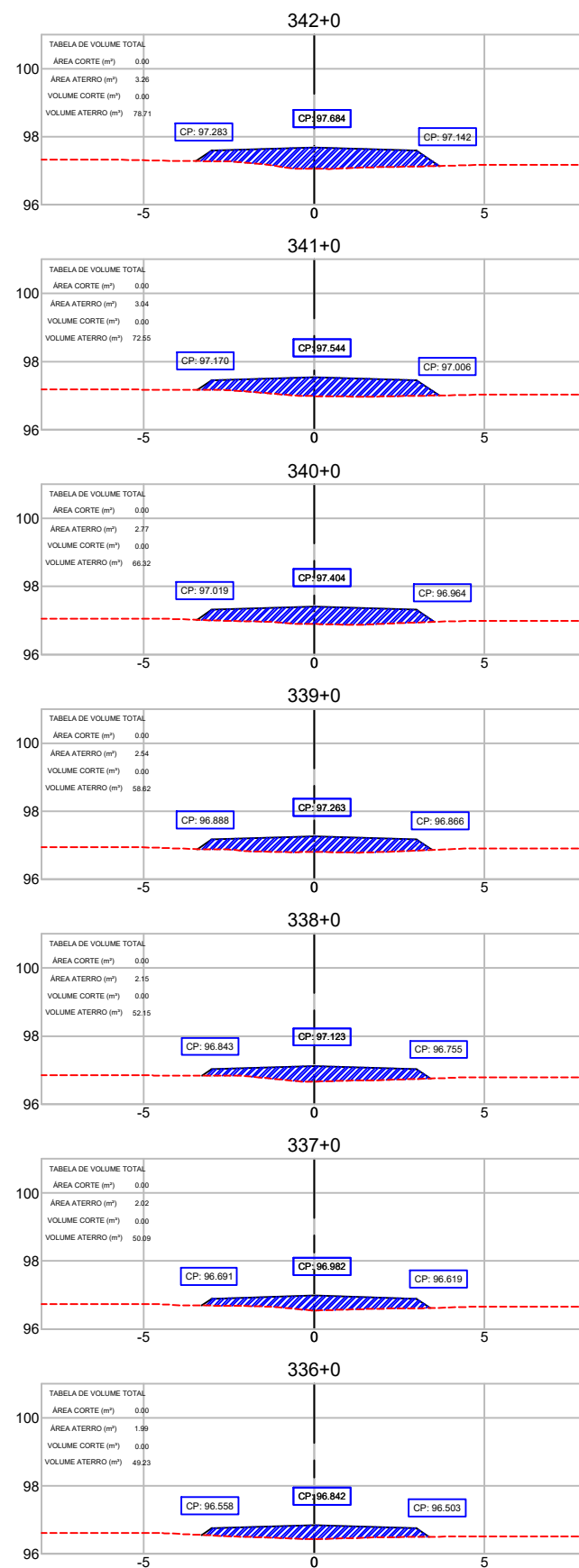
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		PROJETO GEOMÉTRICO	11/40	
CONCEDENTE:		LOCAL: VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -59°58'33.96"W		
PREFEITO MUNICIPAL		DATA: 01/06/2025		
SEMPLE:		DIM: METRO		
		ESC: 1/1000		



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MAÍTA / CULTURA	ALINHAMENTO	INCRUSTADO	POSTE METÁLICO	LUMINÁRIA			
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREGIDOR	ALAGADO COM VEGETAÇÃO	POSTE COMUM	TELEFONE	MURO DE ARRIMO				
TUBO	POÇO DE VISITA	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO		TORRE DE ALTA TENSÃO				
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO		CURVAS DE NÍVEL				

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE/IBGE E EMPRESAS EM 1983					
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1º	EDICÃO				
REV.	DESCRIÇÃO				

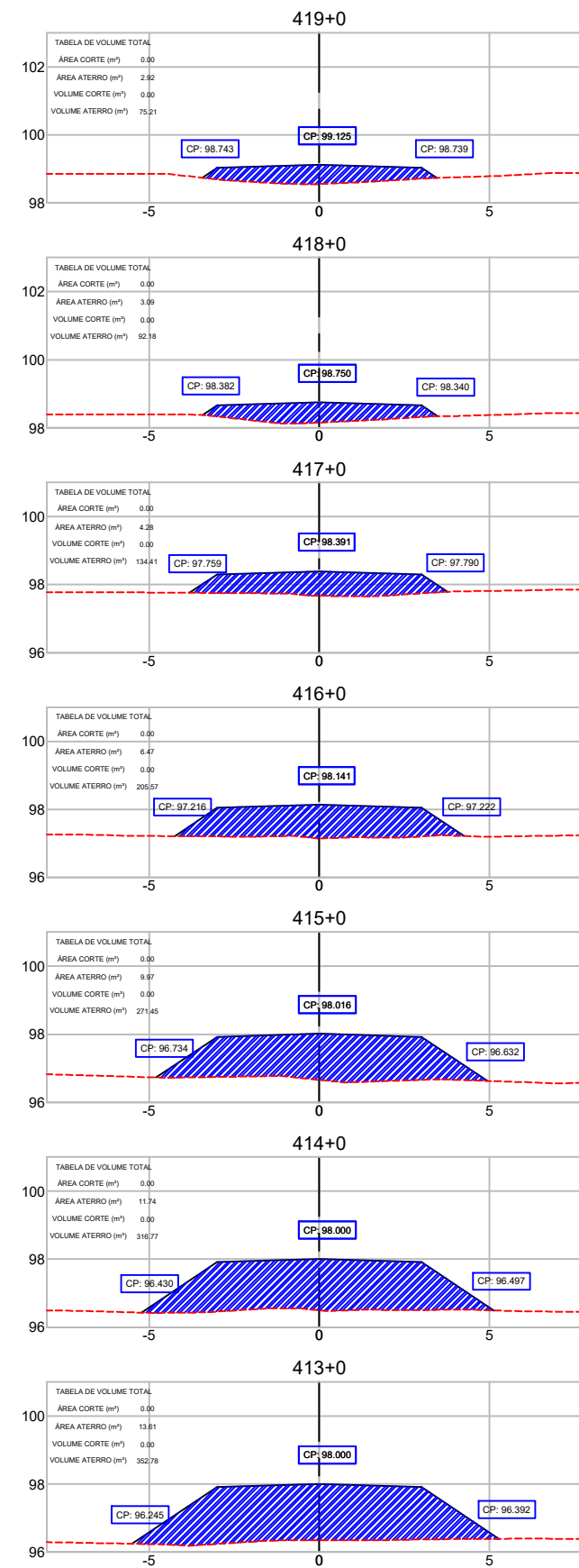
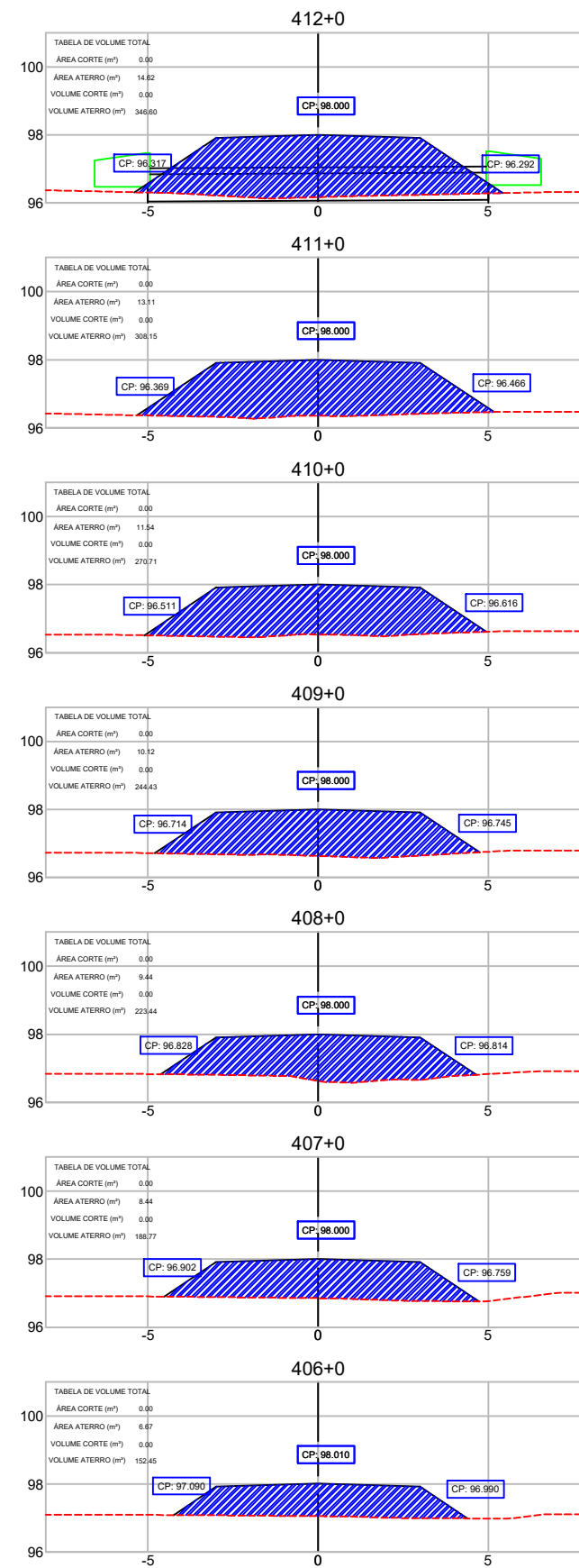
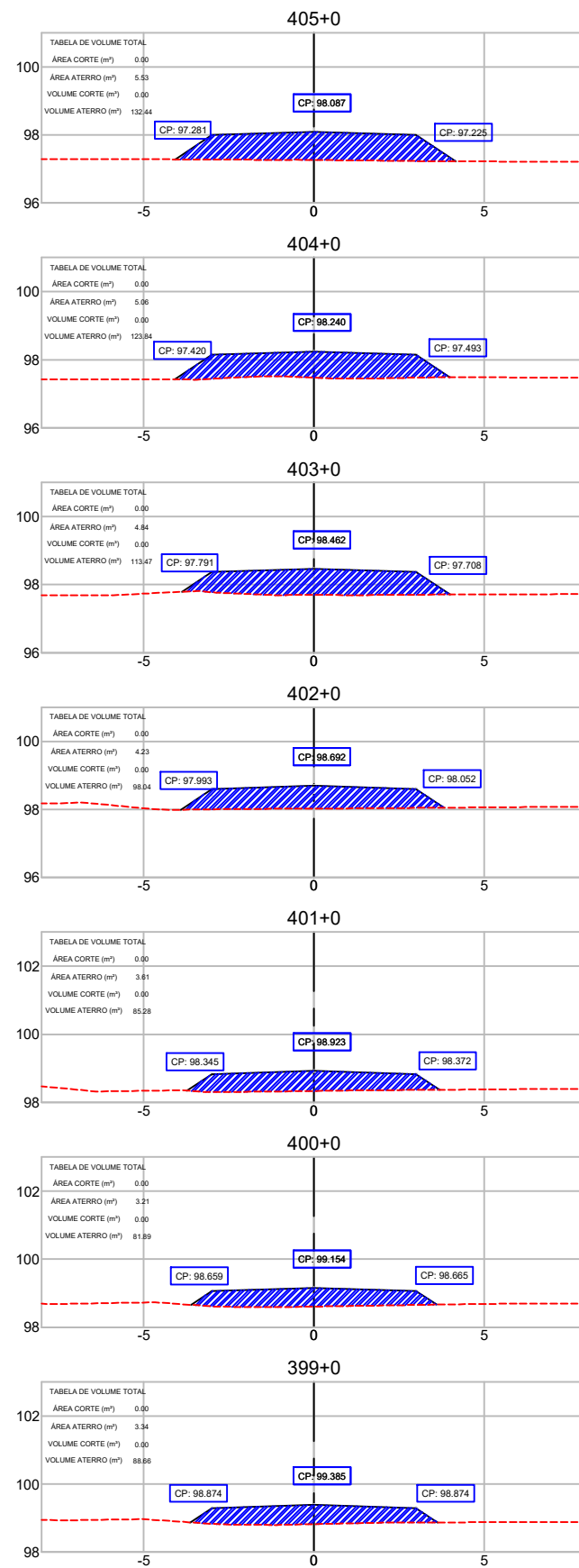
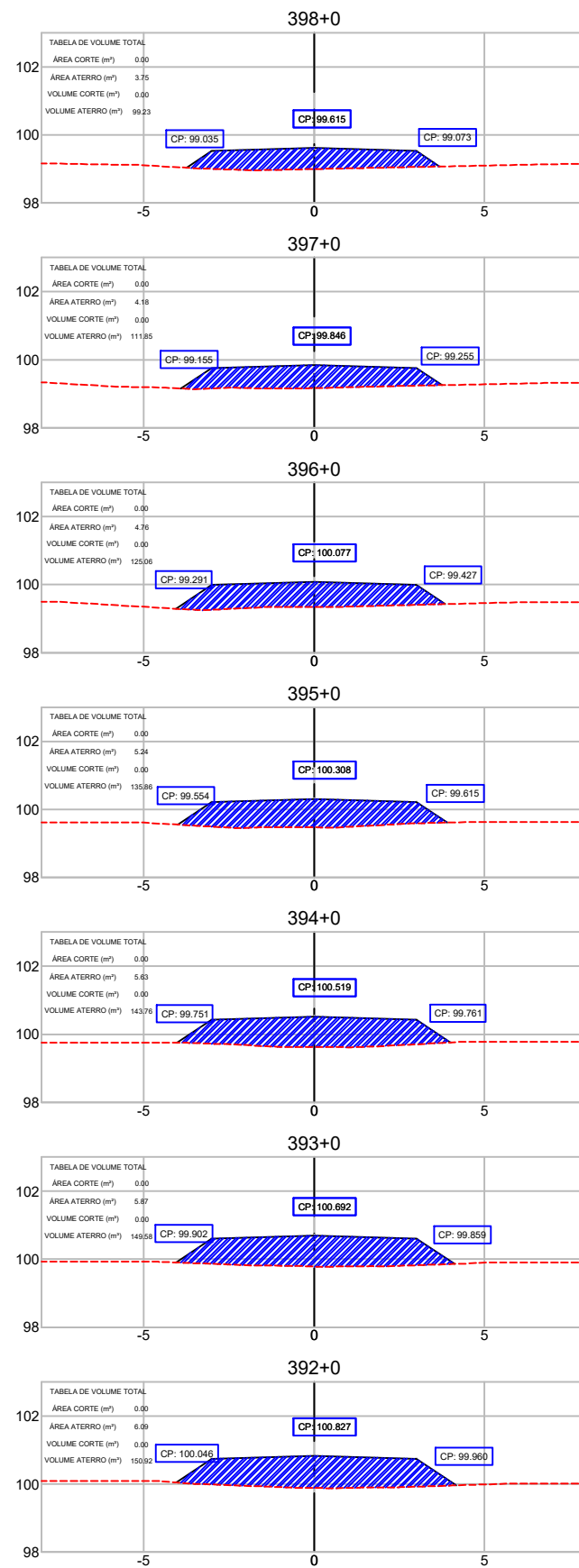
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	12/40	
CONCEDENTE:				B:
LOCAL:				C:
OBRA:				D:
Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				E:
TRECHO: KM 0,00 - KM 22,376				F:
ESTACA: 0+0,000 ATE 118+16				G:
AUTOR:				H:
PREFEITO MUNICIPAL				
SEMPLE:				
COORDENADAS:				
LATITUDE: 3°37'16.43"N				
LONGITUDE: 59°58'33.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESC: 1/1000				



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MAÇA / CULTURA	ALINHAMENTO	INCRUSTADO	POSTE METÁLICO	LUMINÁRIA			
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	TELEFONE	MURO DE ARRIMO	TORRE DE ALTA TENSÃO			
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO						
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E EMPRESAS EM A983					
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1º	EDICÃO				
REV.	DESCRIÇÃO				

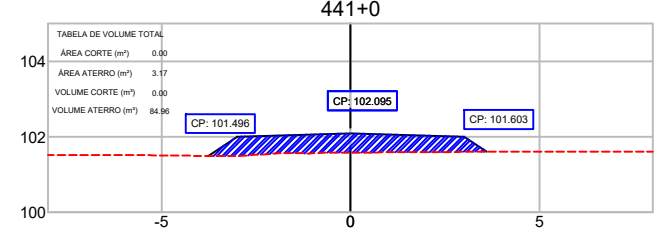
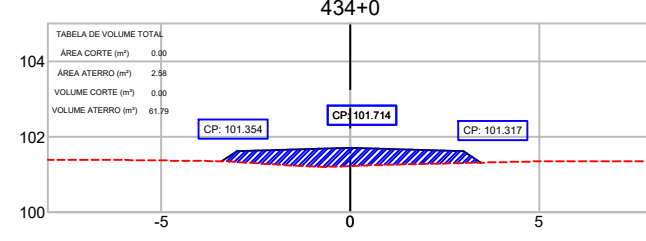
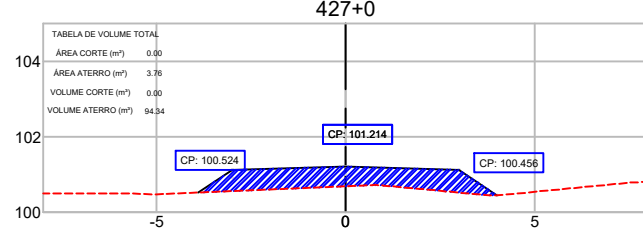
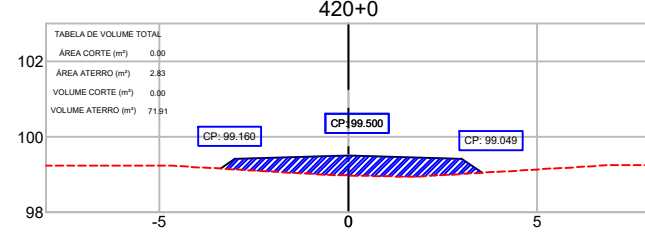
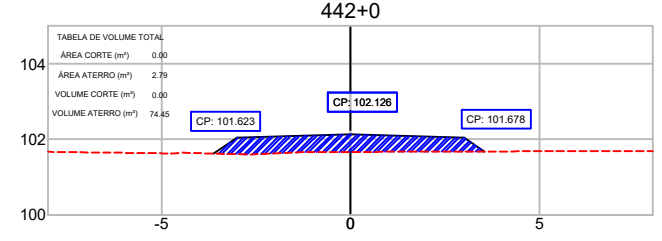
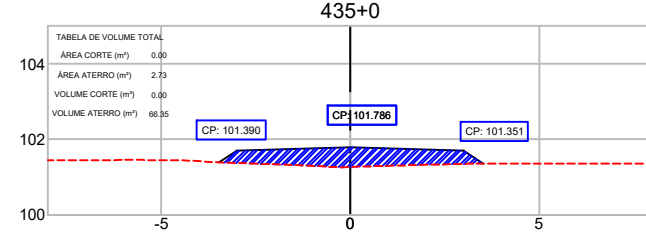
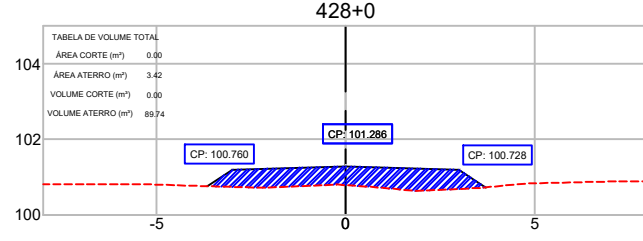
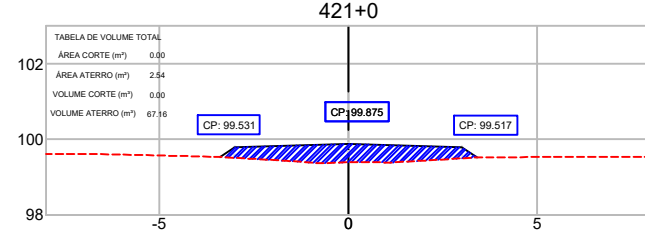
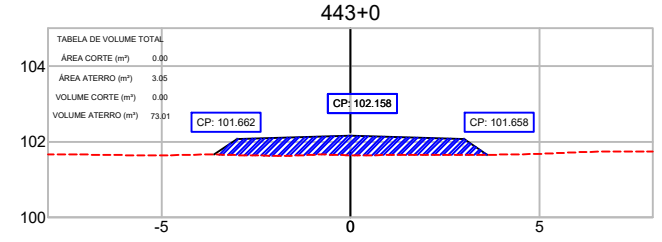
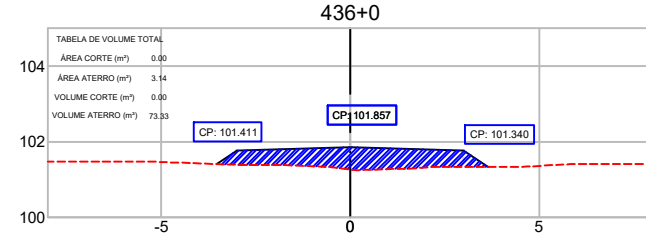
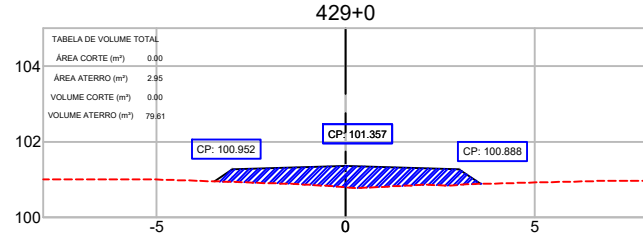
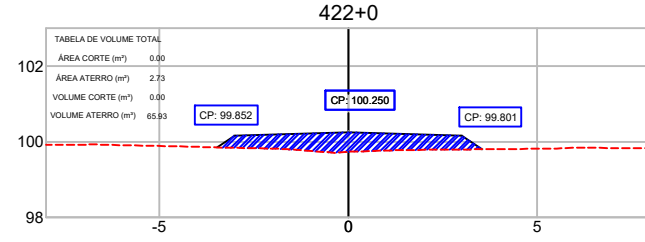
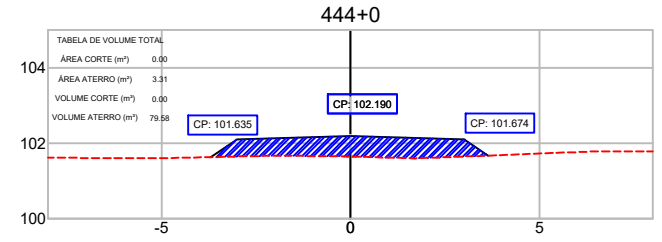
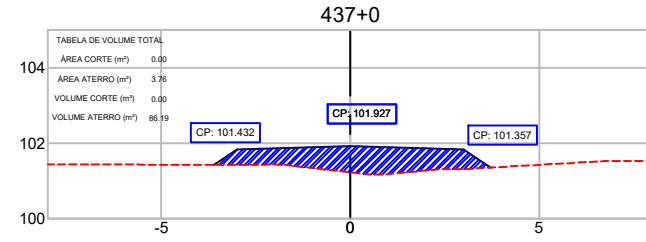
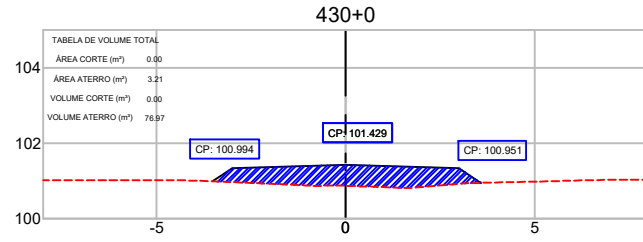
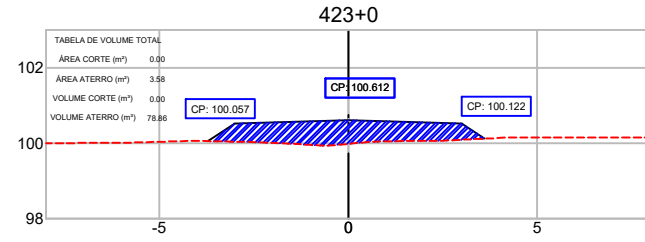
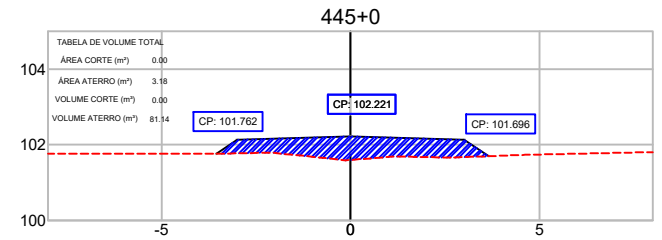
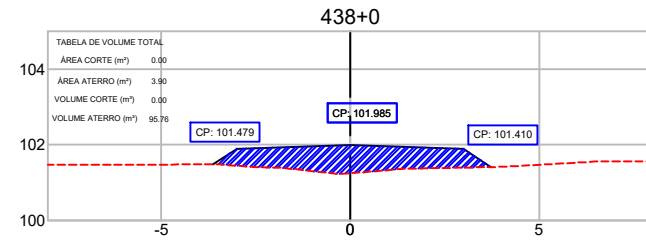
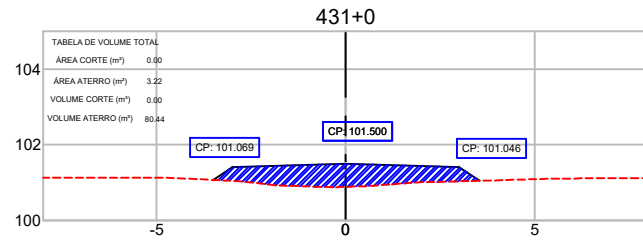
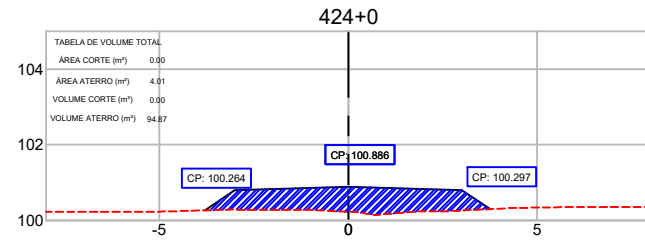
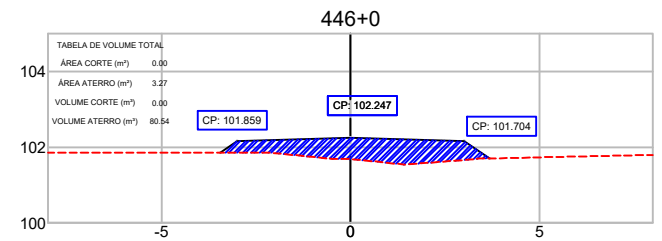
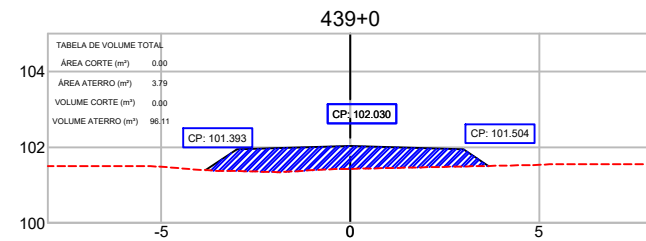
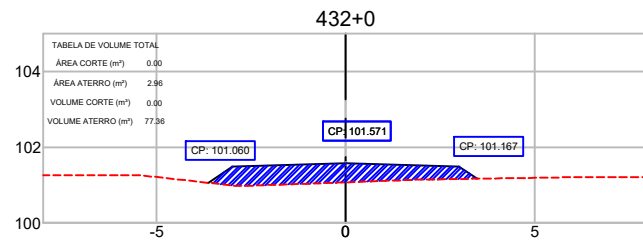
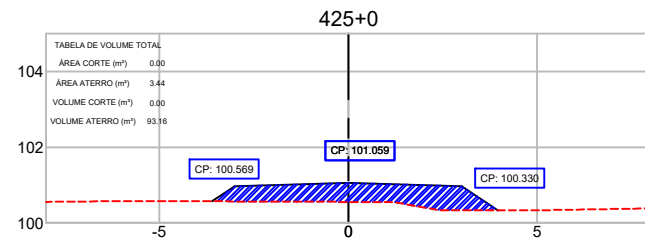
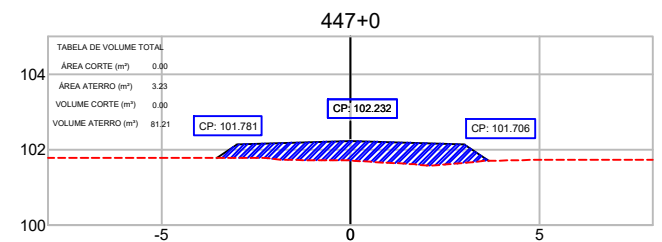
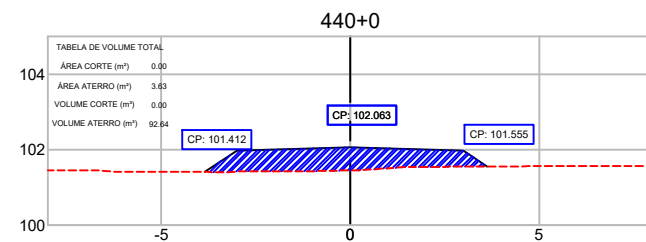
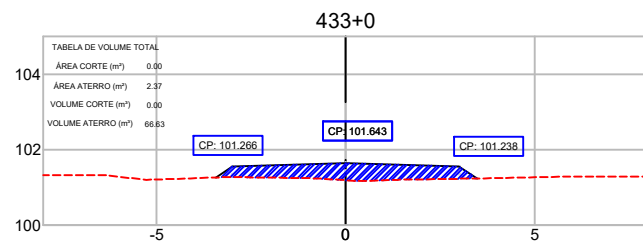
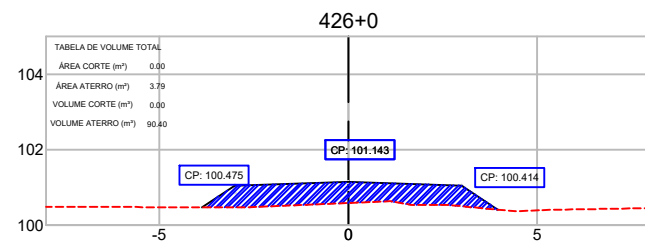
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	13/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
TRECHO: KM 0,00 - KM 22,376 ESTACA: 0+0,000 ATE 1+18+16				
AUTOR: PREFEITO MUNICIPAL	COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -56°58'33.96"W		DATA: 01/06/2025	
SEMPLE:	DIM: METRO		ESC: 1/1000	



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA OU TAPUME	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO INDEFINIDO	POSTE METÁLICO	LUMINÁRIA				
MURO QUILOMÉTRICO	ESTATION DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREGIDOR	ALAGADO COM VEGETAÇÃO BREJO	POSTE COMUM	MURO DE ARRIMO	TORRE DE ALTA TENSÃO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	REDE ELÉTRICA AÉREA						

REFERÊNCIA CARTOGRÁFICA				
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983				
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.
1º	EDICÃO			
REV.	DESCRIÇÃO			

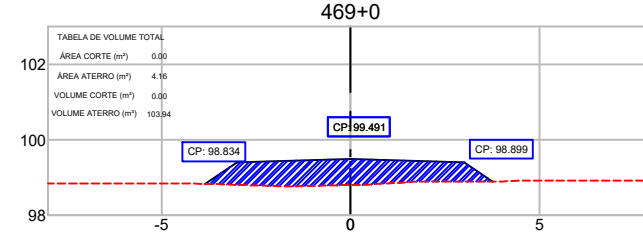
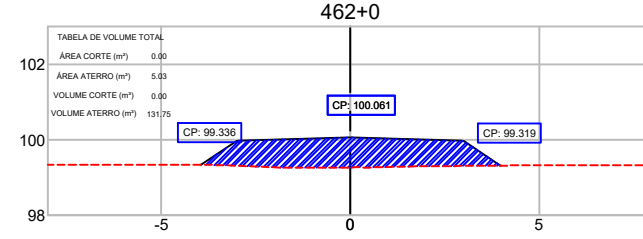
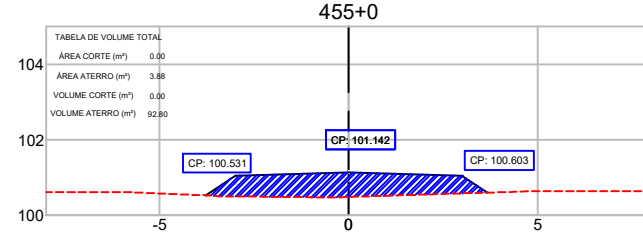
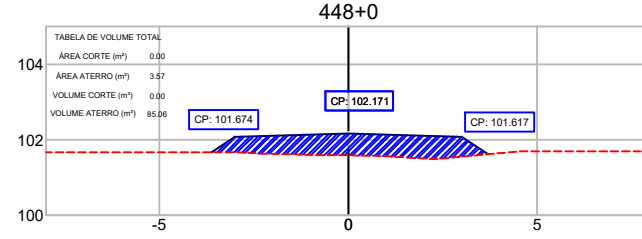
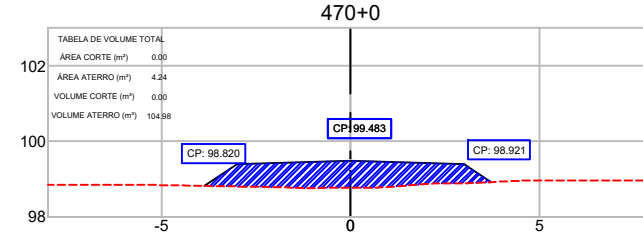
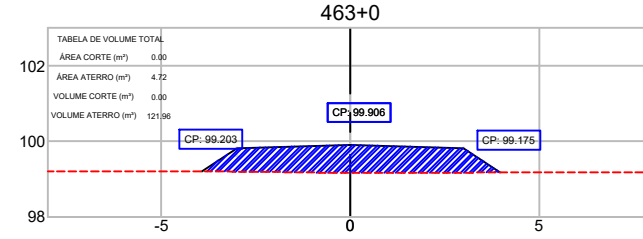
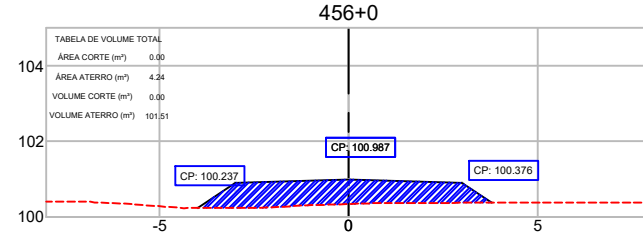
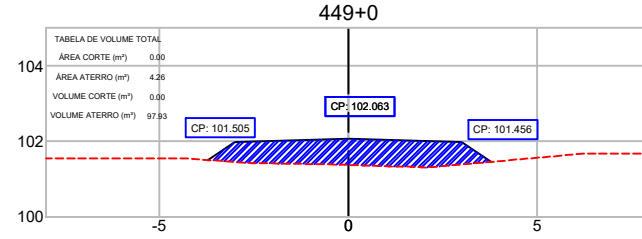
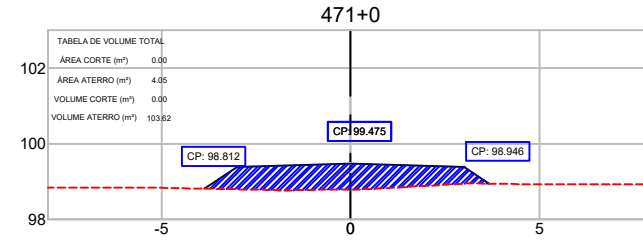
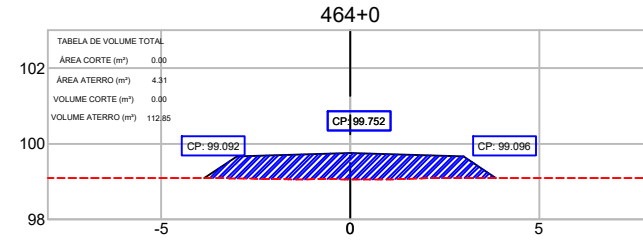
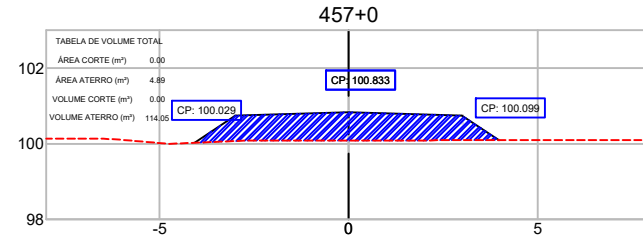
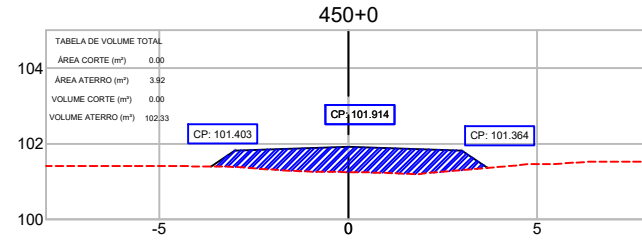
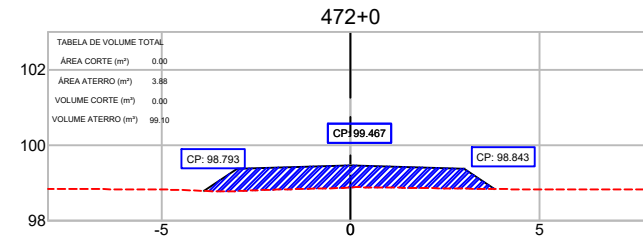
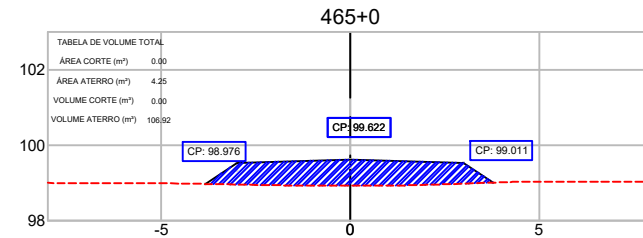
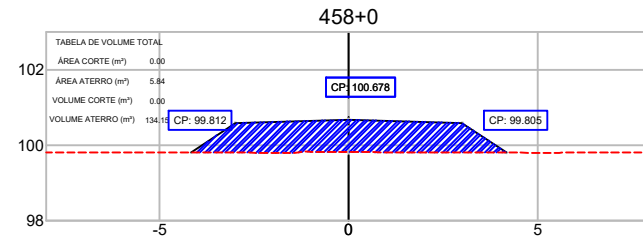
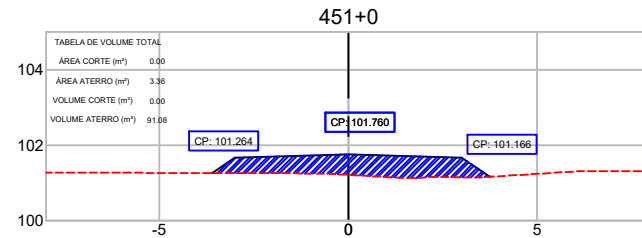
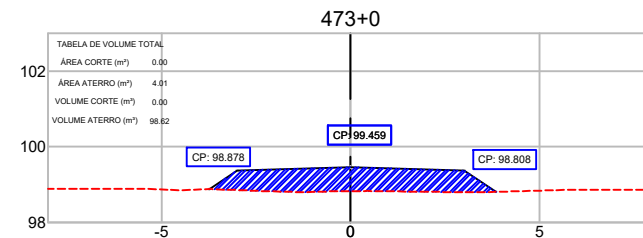
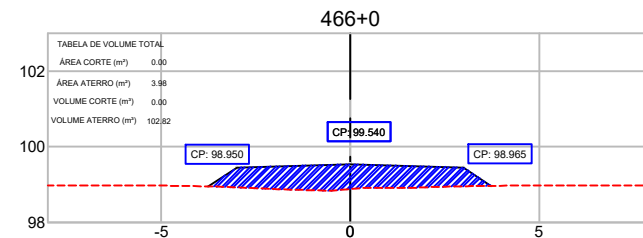
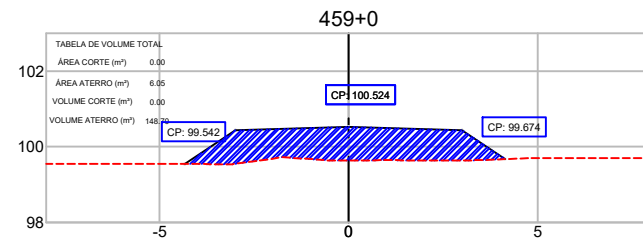
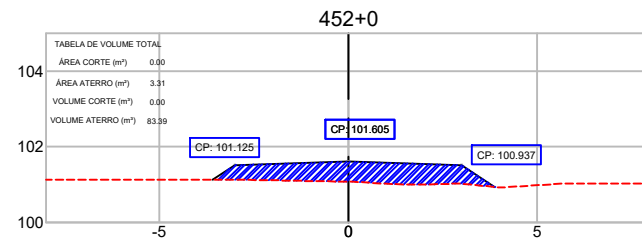
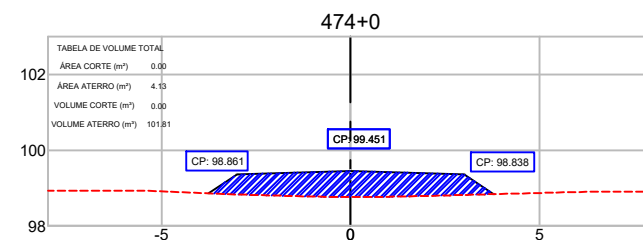
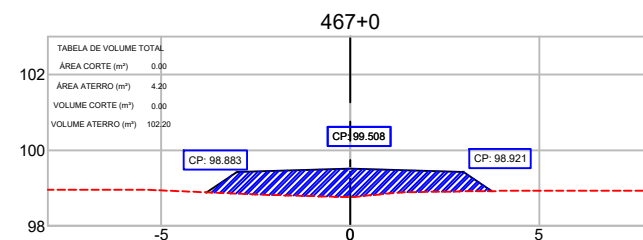
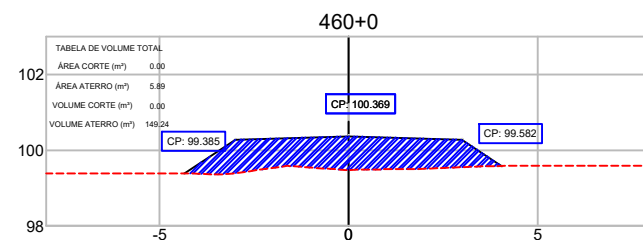
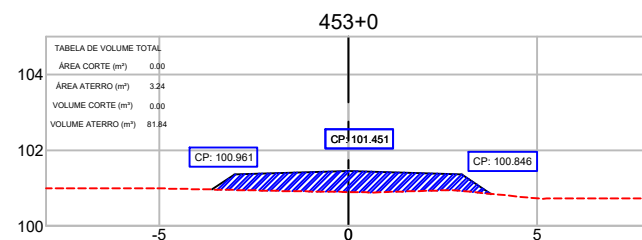
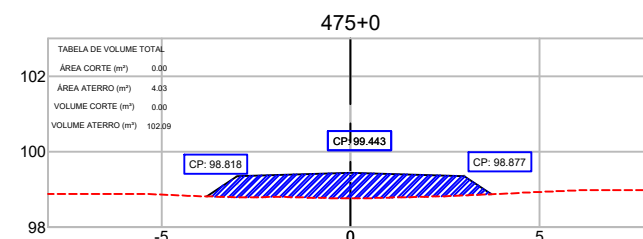
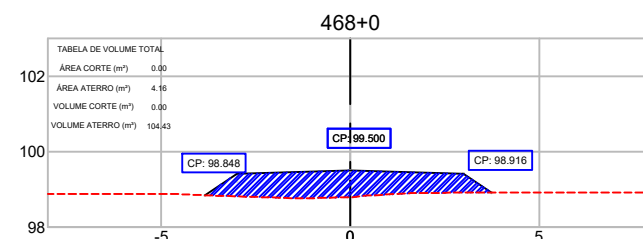
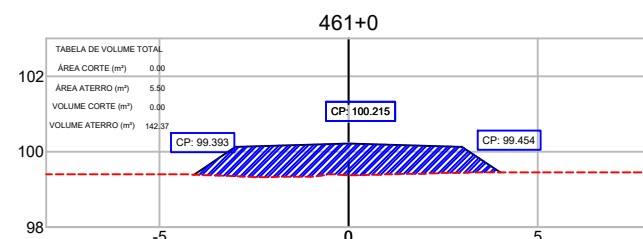
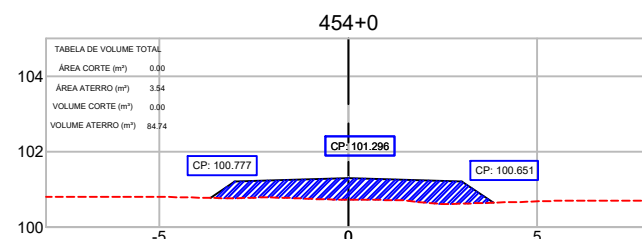
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	15/40	
CONCEDENTE:		LOCAL: VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: 7°37'16.43"N LONGITUDE: 59°58'33.96"W		
PREFEITO MUNICIPAL		DATA: 01/06/2025		
SEMPLE:		DIM: METRO		
		ESC: 1/1000		



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE METÁLICO					
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREGIDOR	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TENSÃO	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENÇÃO:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	16/40	
CONCEDENTE:	LOCAL: VICINAL - RAPOSA - NOD 438			B:
OBRA:	Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR			C:
AUTOR:	COORDENADAS: LATITUDE: 3°37'16.43"N LONGITUDE: 59°58'33.96"W			D:
PREFEITO MUNICIPAL:	DATA: 01/06/2025			E:
SEMPLE:	DIM: METRO			F:
	ESC: 1/1000			G:
				H:

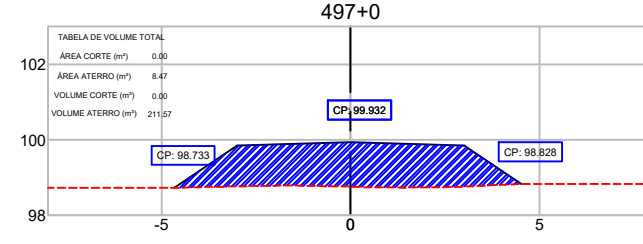
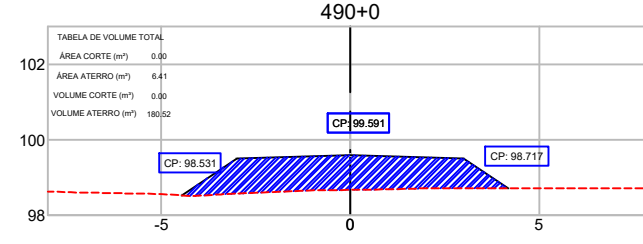
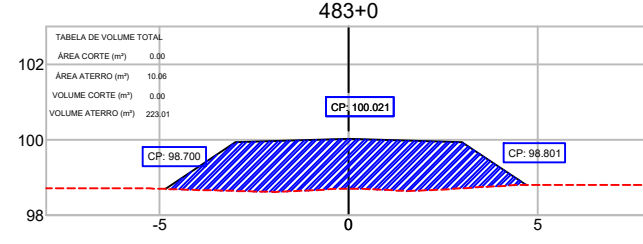
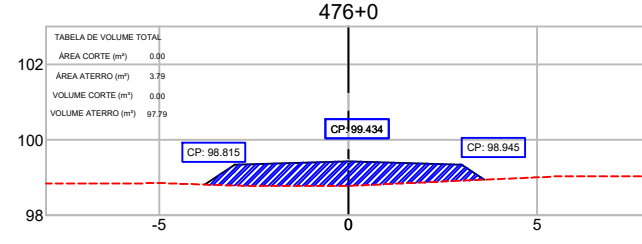
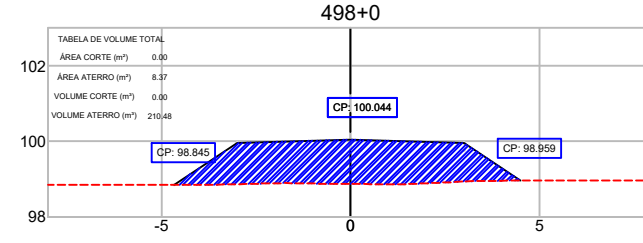
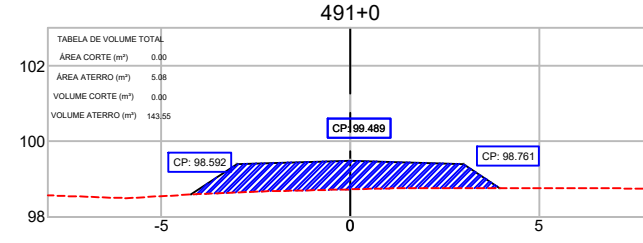
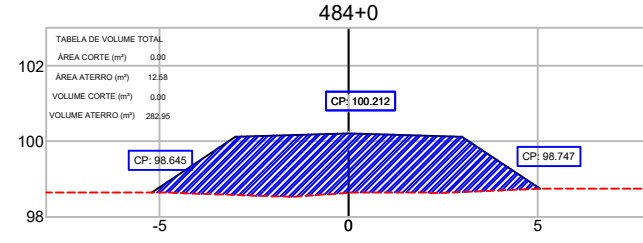
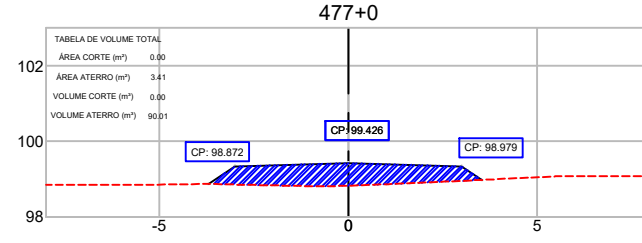
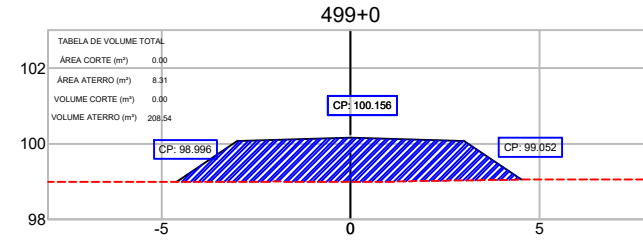
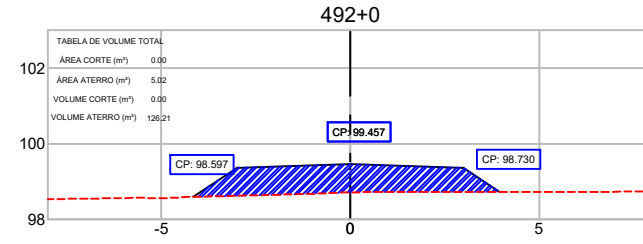
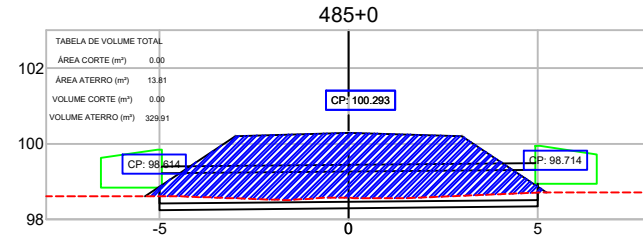
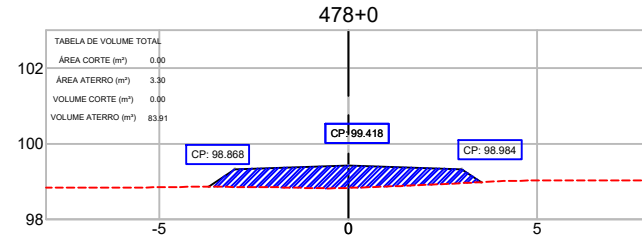
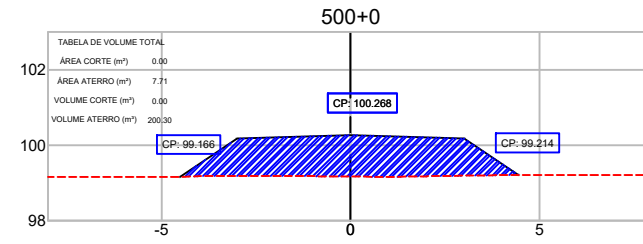
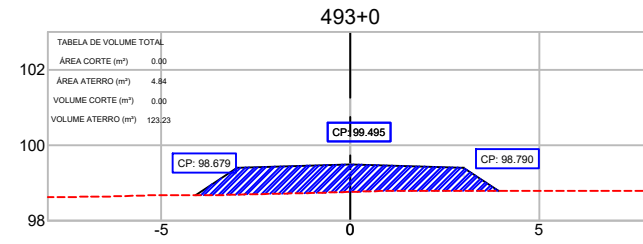
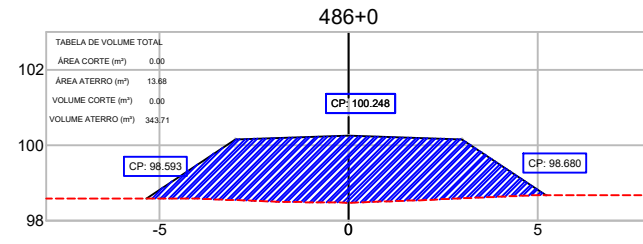
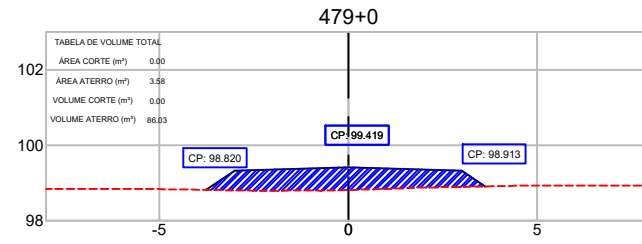
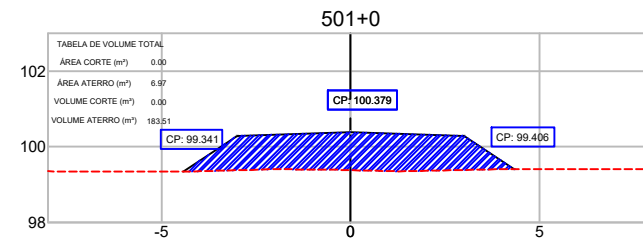
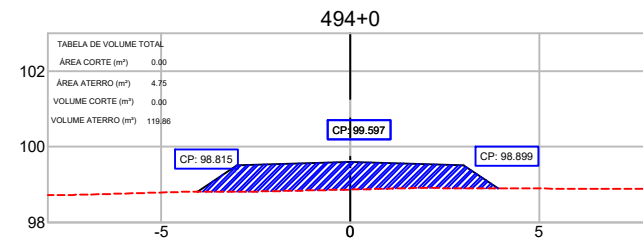
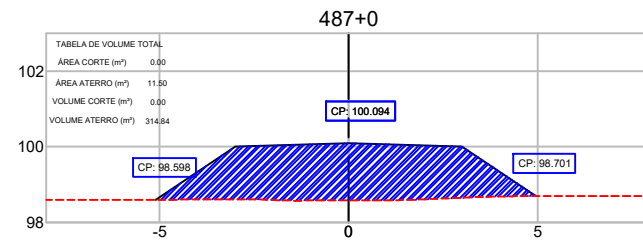
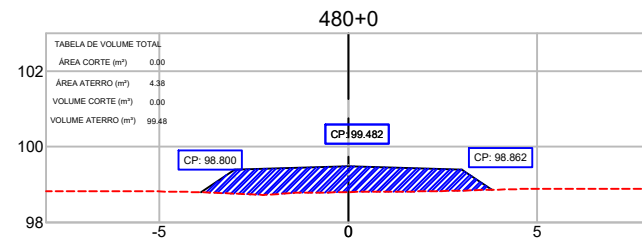
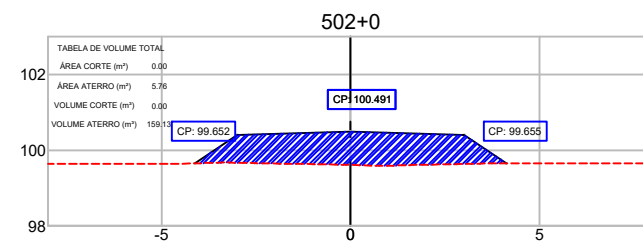
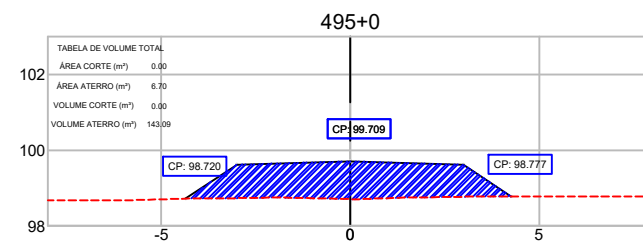
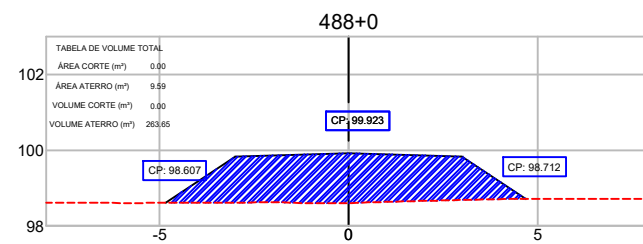
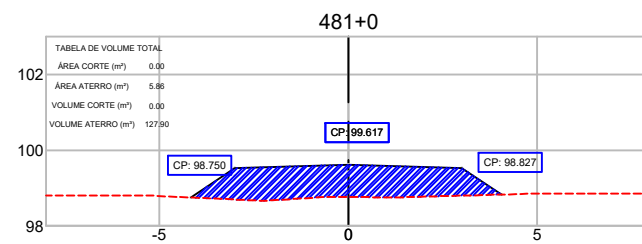
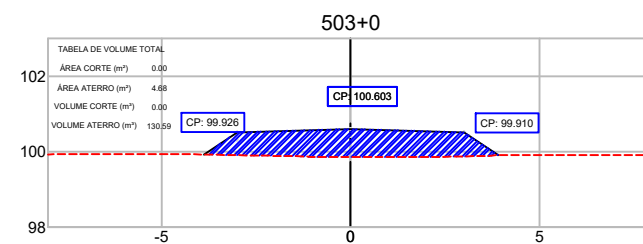
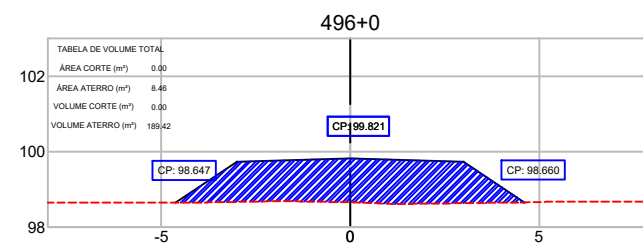
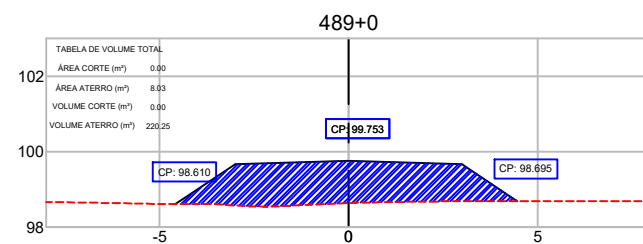
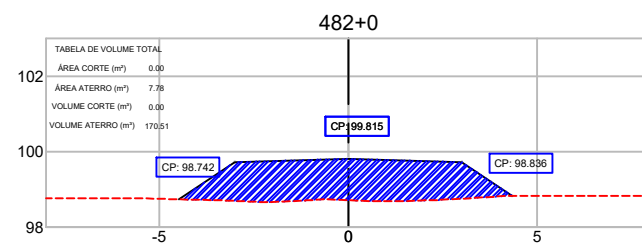


REFERÊNCIA CARTOGRÁFICA

PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM
PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR
CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE).
ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA
COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART.DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983

REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.	APROV.
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1º	EDICÃO				
REV.	DESCRIÇÃO				

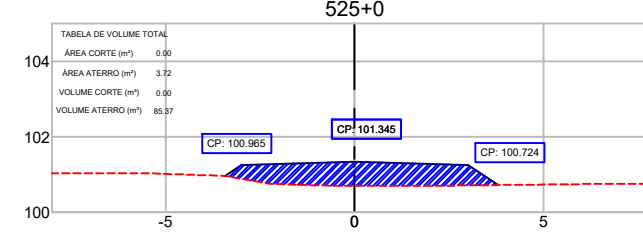
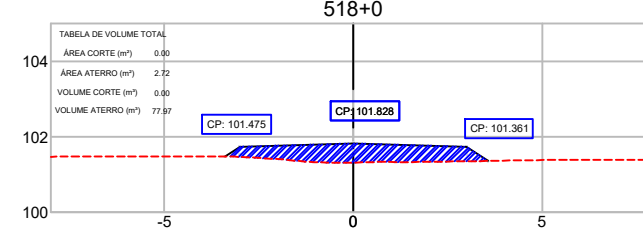
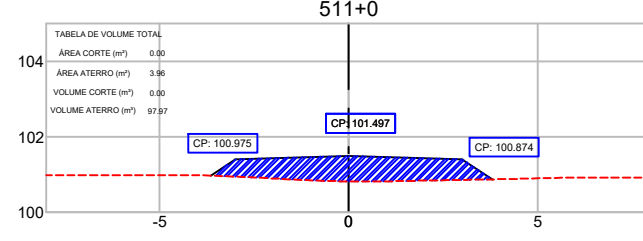
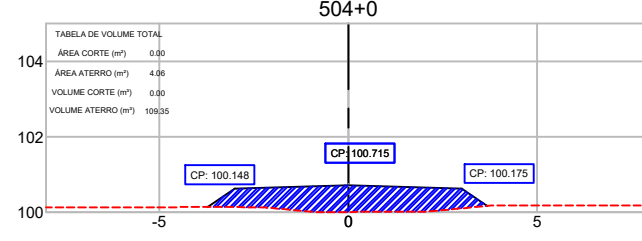
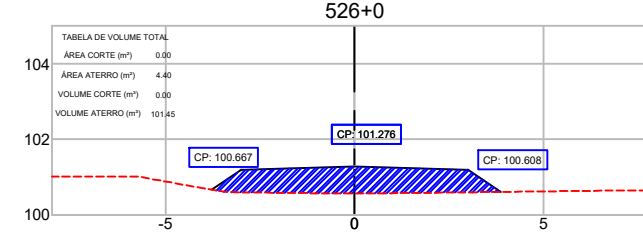
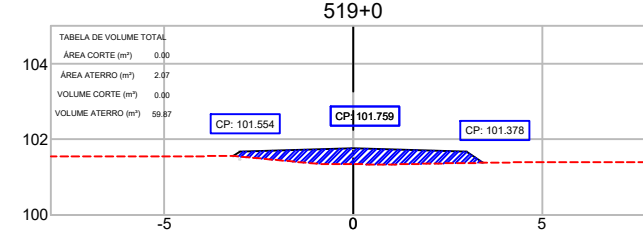
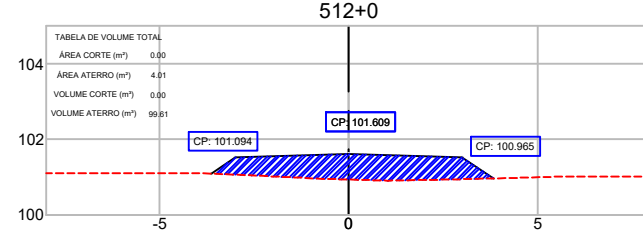
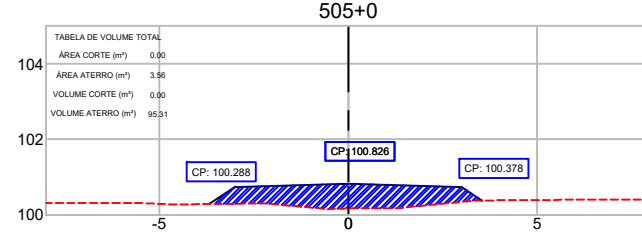
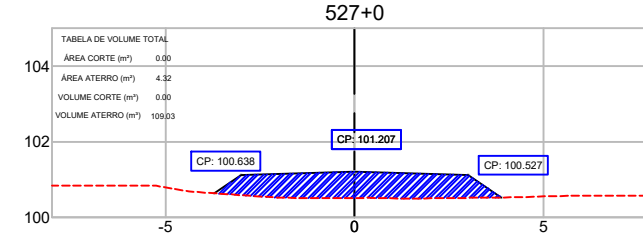
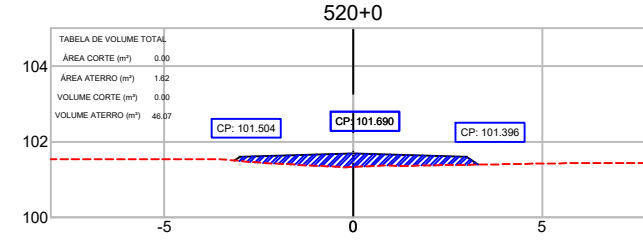
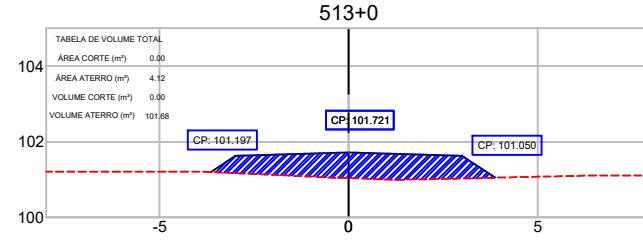
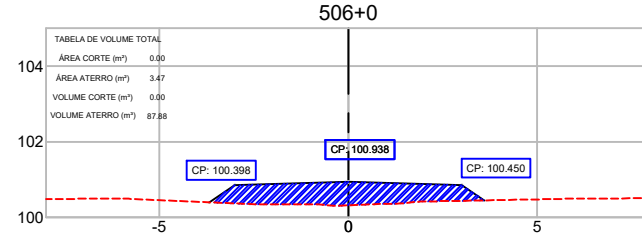
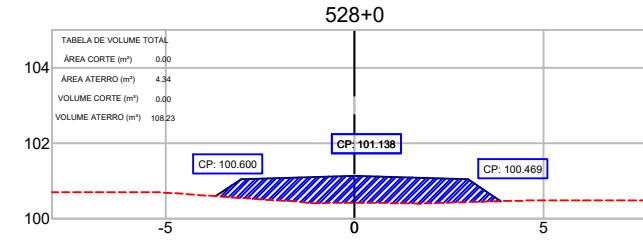
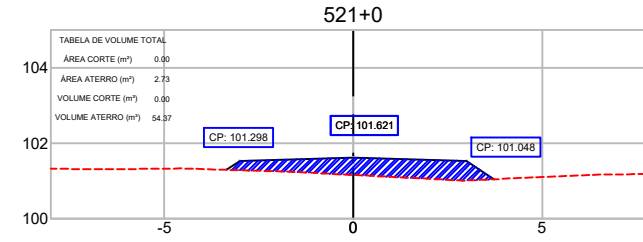
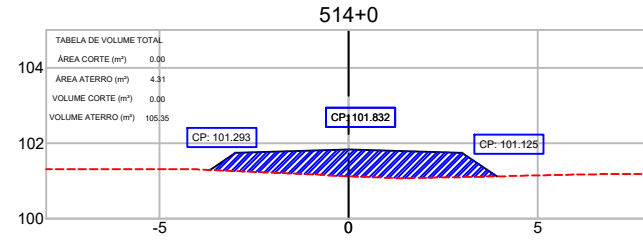
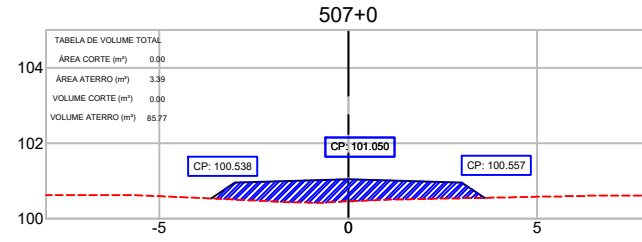
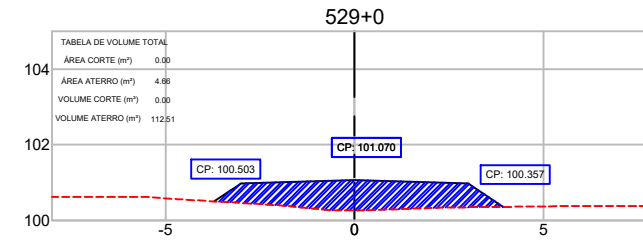
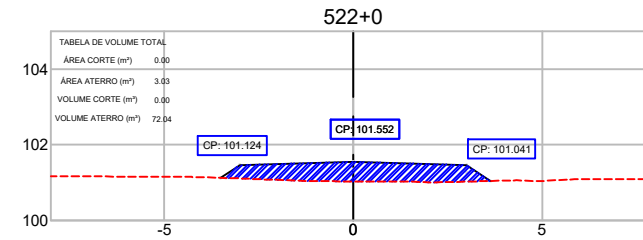
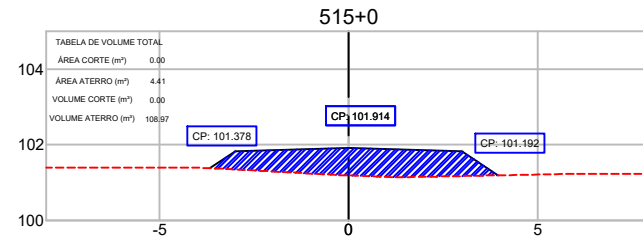
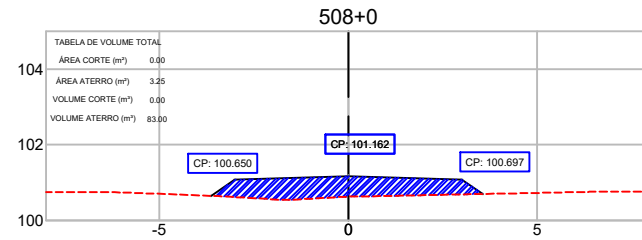
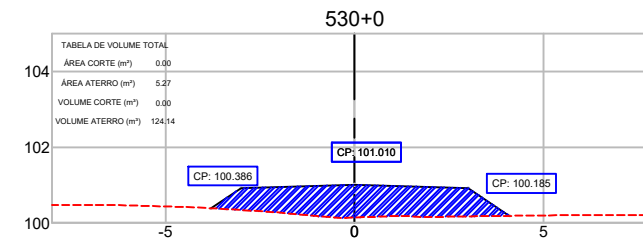
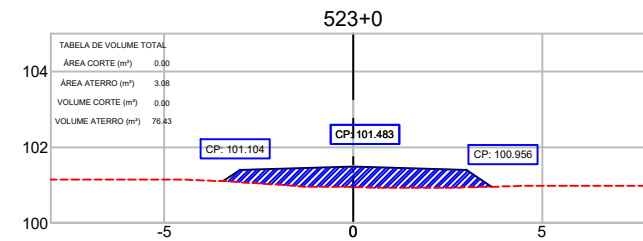
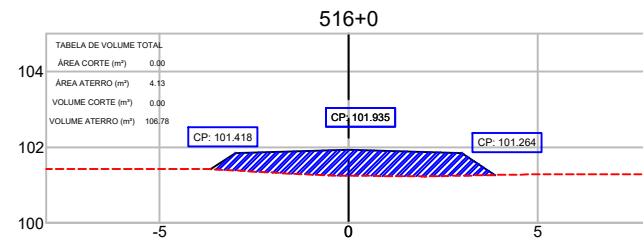
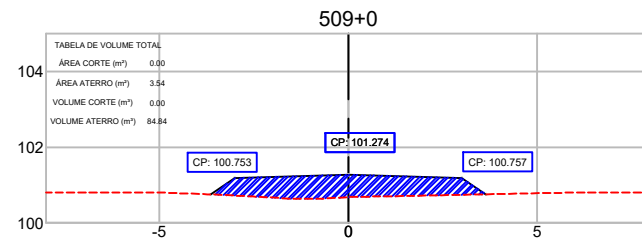
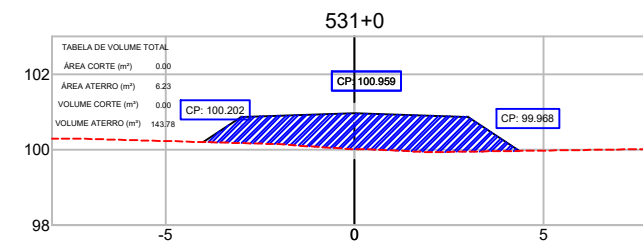
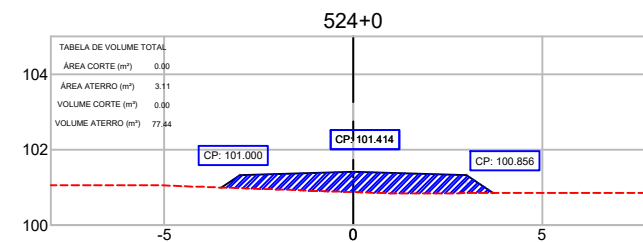
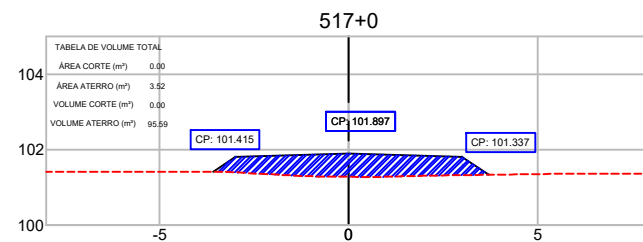
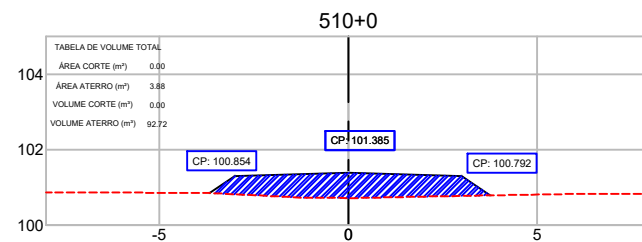
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	17/40	
CONCEDENTE:	LOCAL: VICINAL - RAPOSA - NOD 438			B:
OBRA:	Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR			C:
AUTOR:	COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -59°58'33.96"W			D:
SEMPLE:	DATA: 01/06/2025			E:
	DIM: METRO			F:
	ESC: 1/1000			G:
				H:



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	INSTRUMENTO	POSTE METÁLICO	LUMINÁRIA			
MARCO QUILOMÉTRICO	ESTATION DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	TELEFONE	MURO DE ARRIMO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO		TORRE DE ALTA TENSÃO				
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO		CURVAS DE NÍVEL				

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

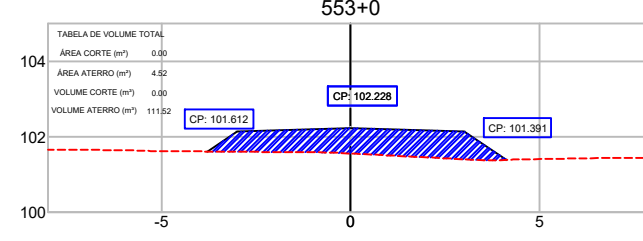
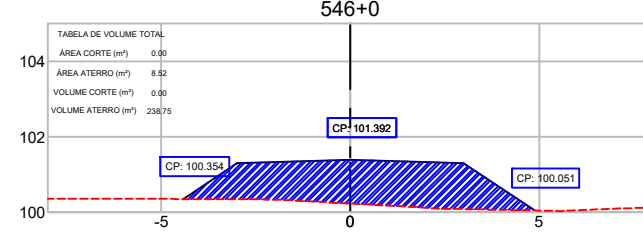
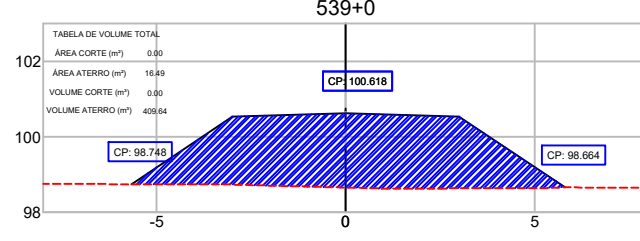
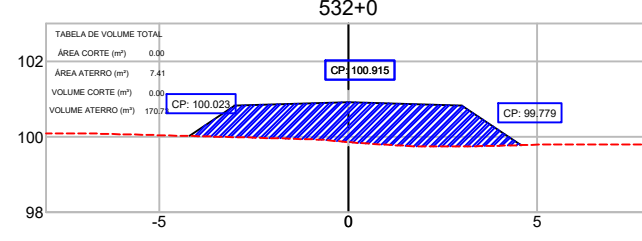
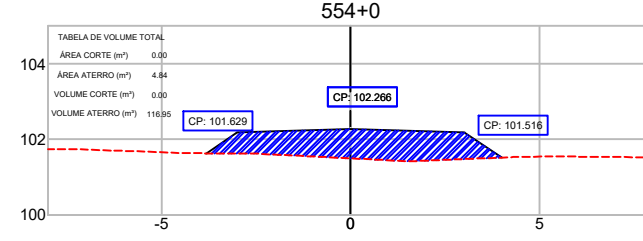
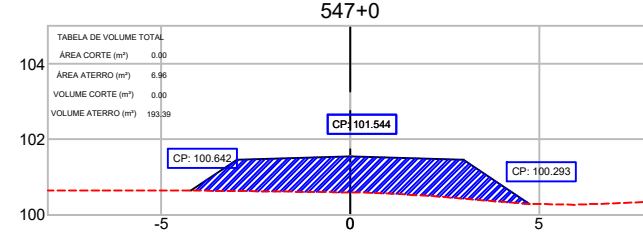
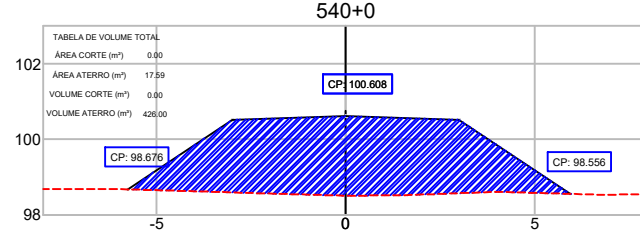
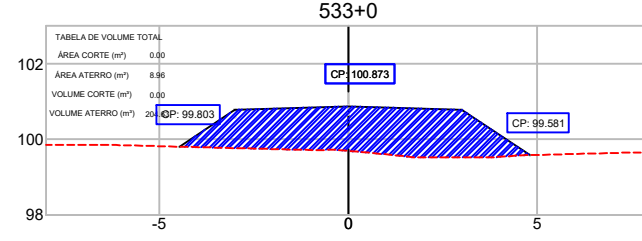
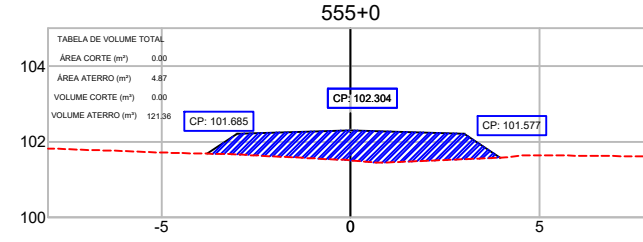
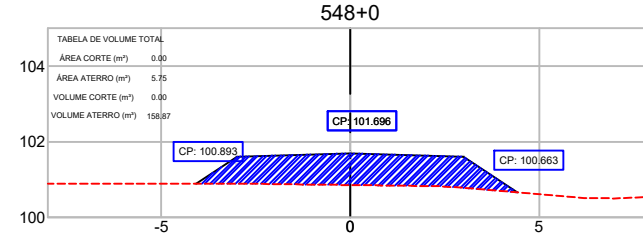
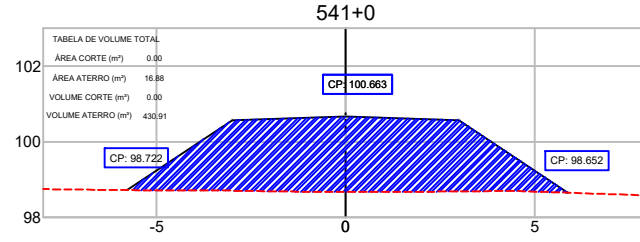
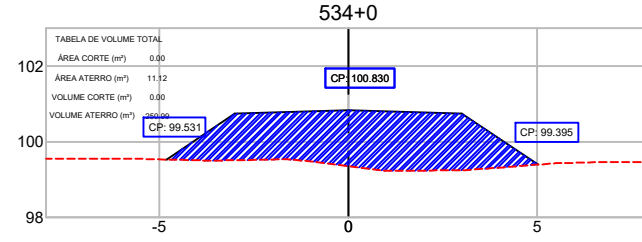
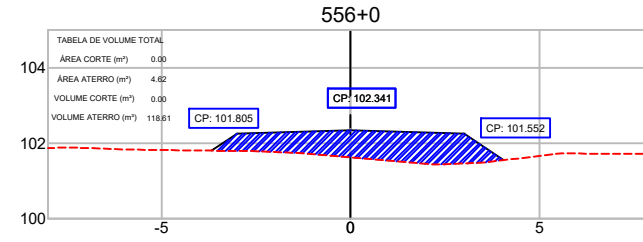
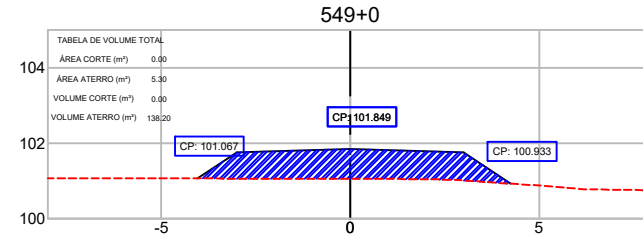
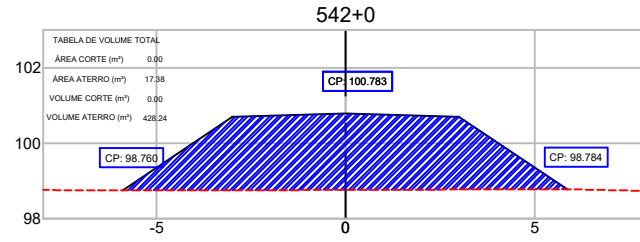
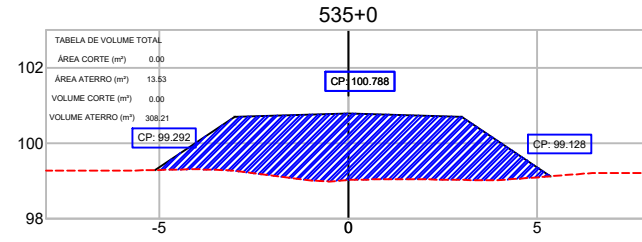
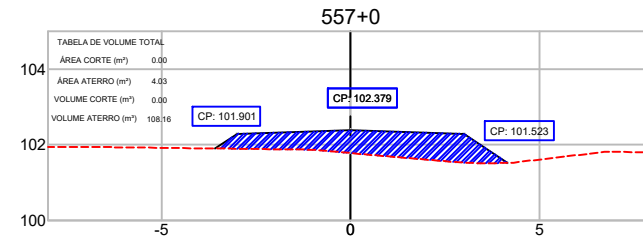
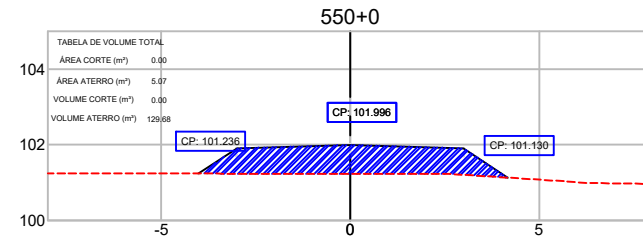
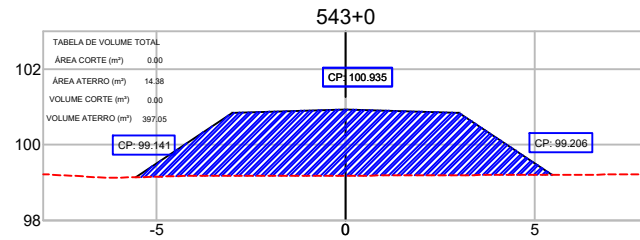
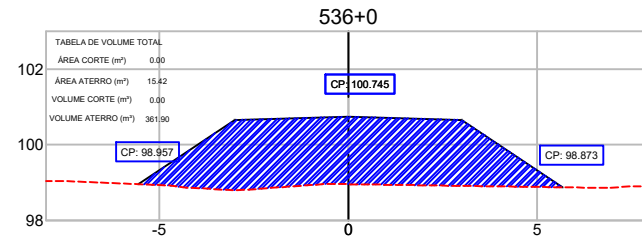
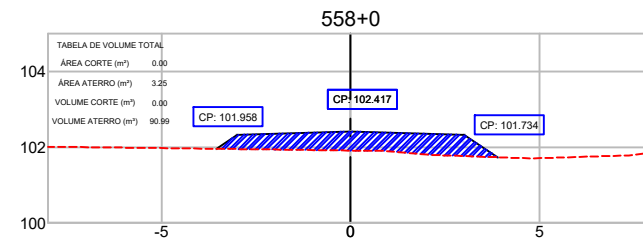
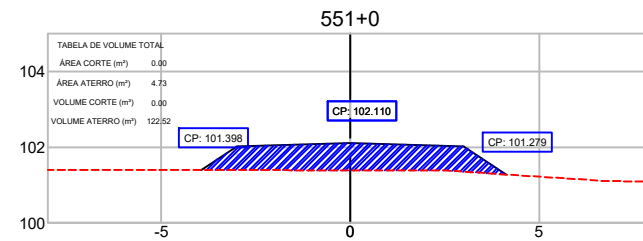
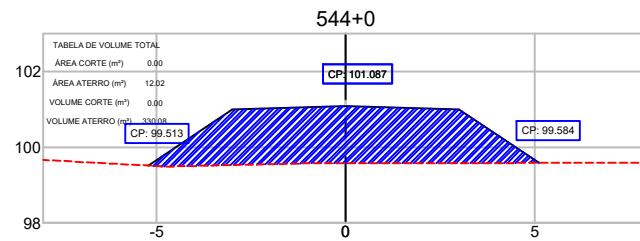
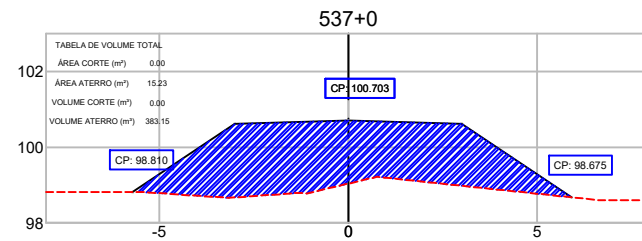
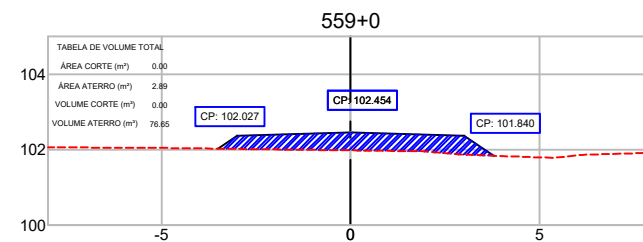
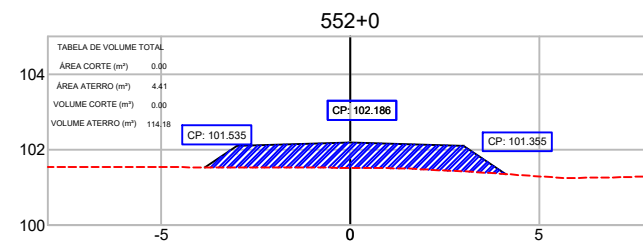
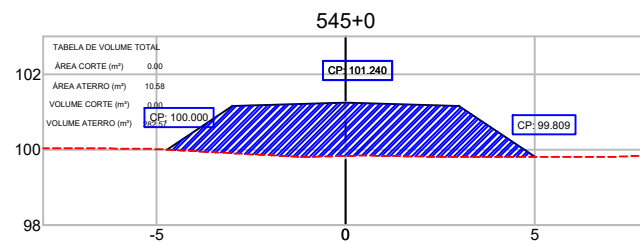
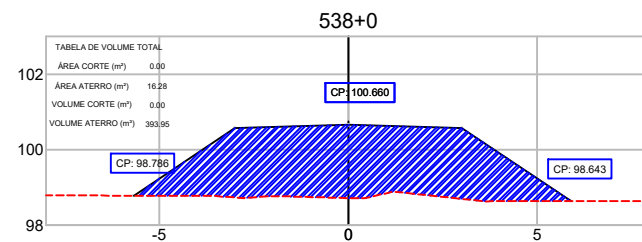
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	18/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
AUTOR:	COORDENADAS:	DATA:		
PREFEITO MUNICIPAL	LATITUDE: 7°37'16.43"N LONGITUDE: 56°58'33.96"W	01/06/2025		
SEMPLE:	DIM:	METRO		
	ESC:	1/1000		



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA OU TAPUME	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO INDEFINIDO	POSTE METÁLICO					
MURO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO BREVIO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TAPUME	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

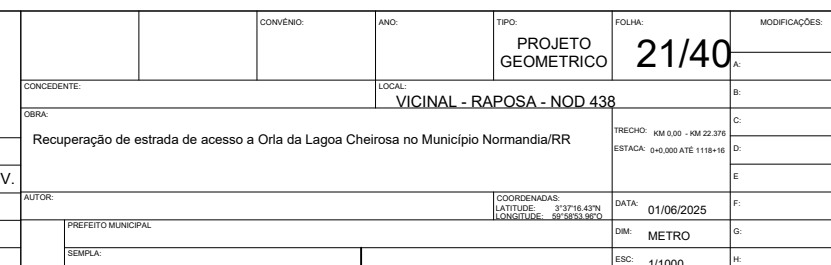
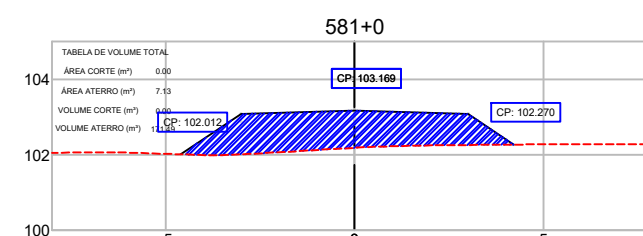
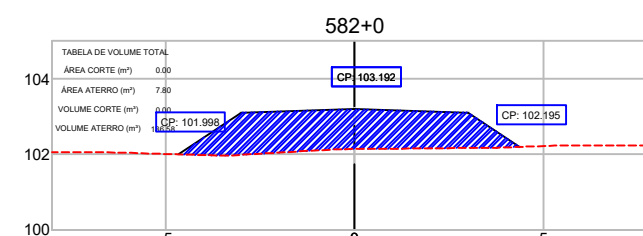
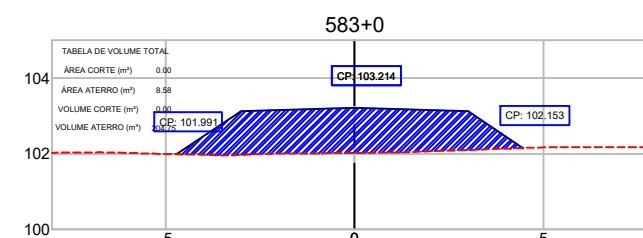
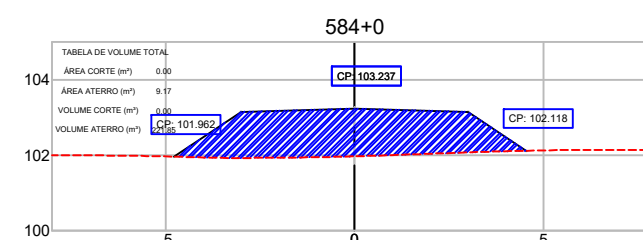
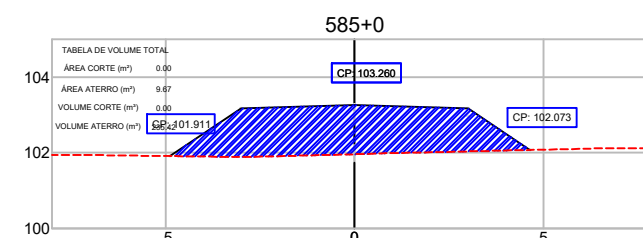
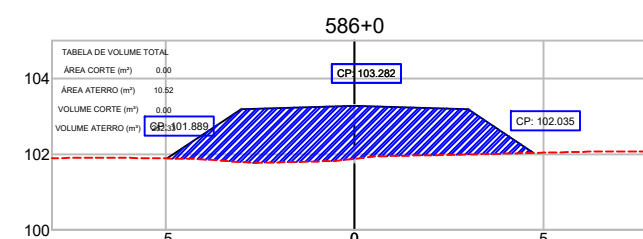
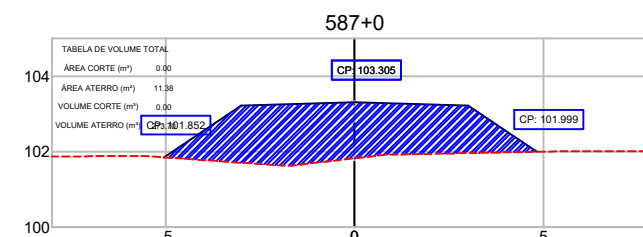
REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6,63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

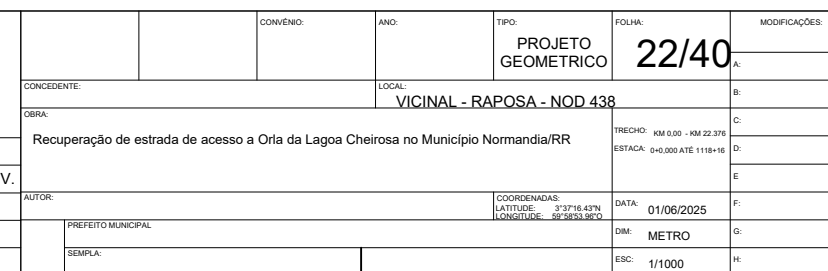
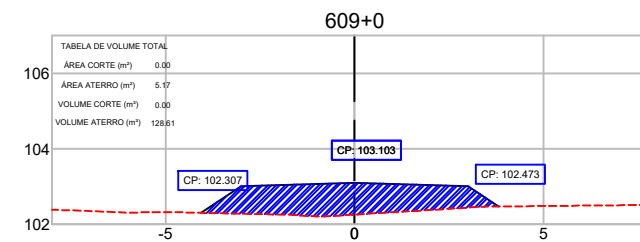
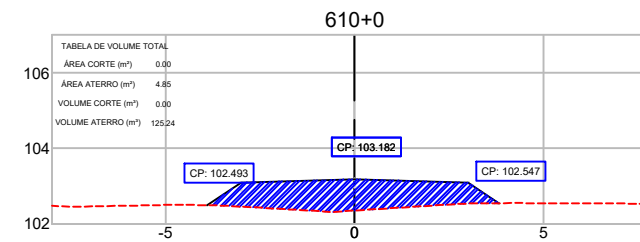
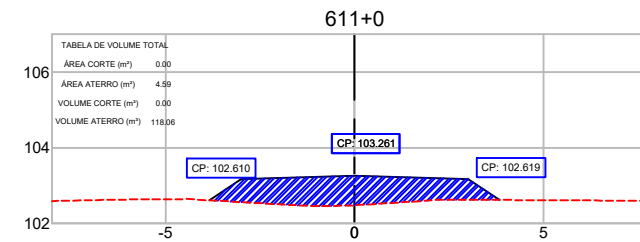
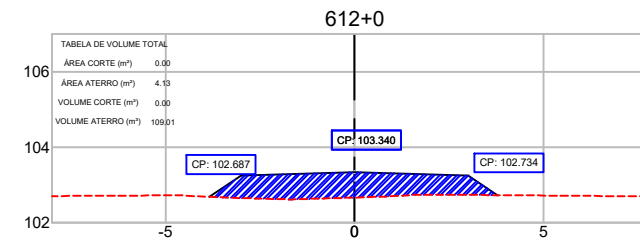
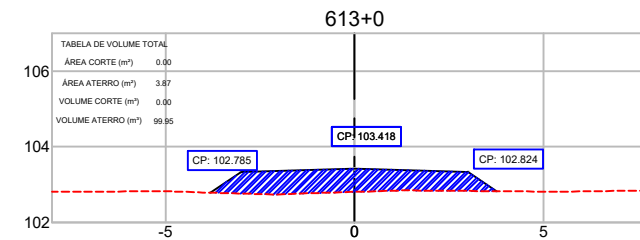
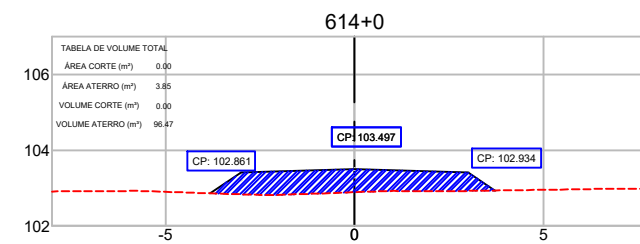
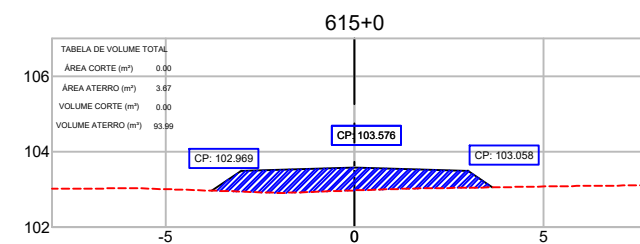
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	19/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
AUTOR:	COORDENADAS:		DATA:	
PREFEITO MUNICIPAL	LATITUDE: 7°37'16.43"N		01/06/2025	
SEMPLE:	LONGITUDE: 56°58'33.96"W		DIM:	METRO
			ESC:	1/1000

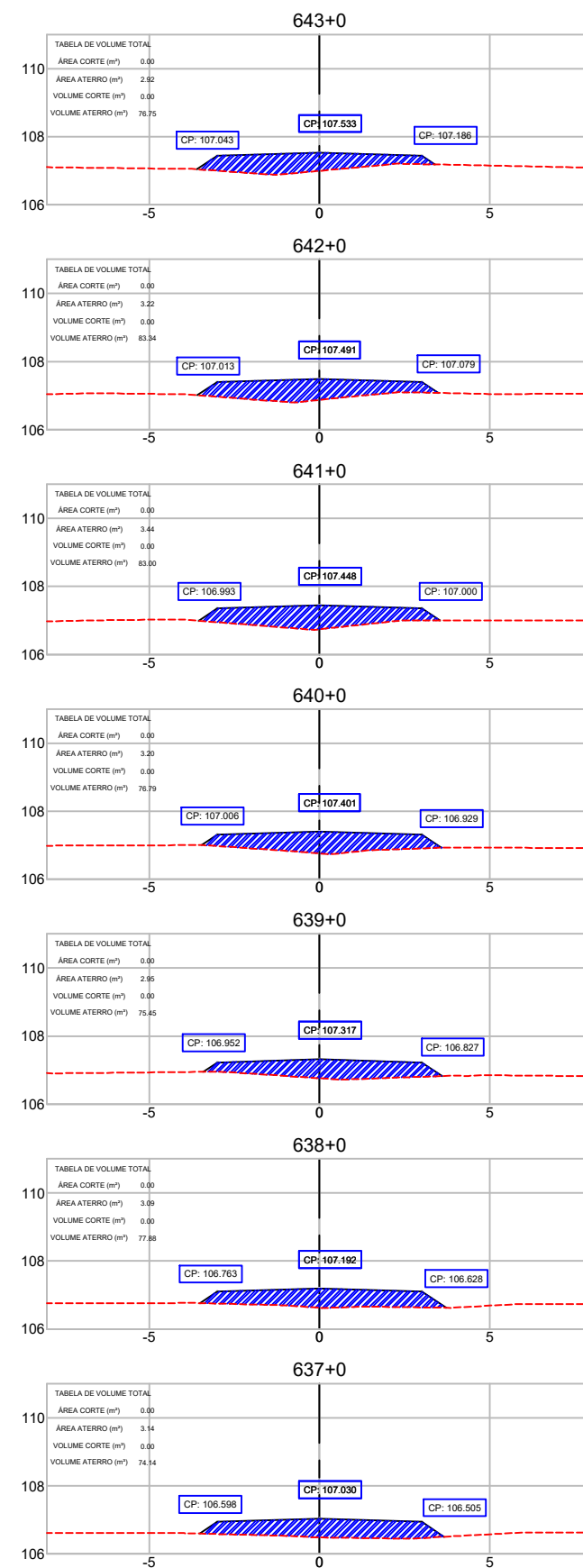
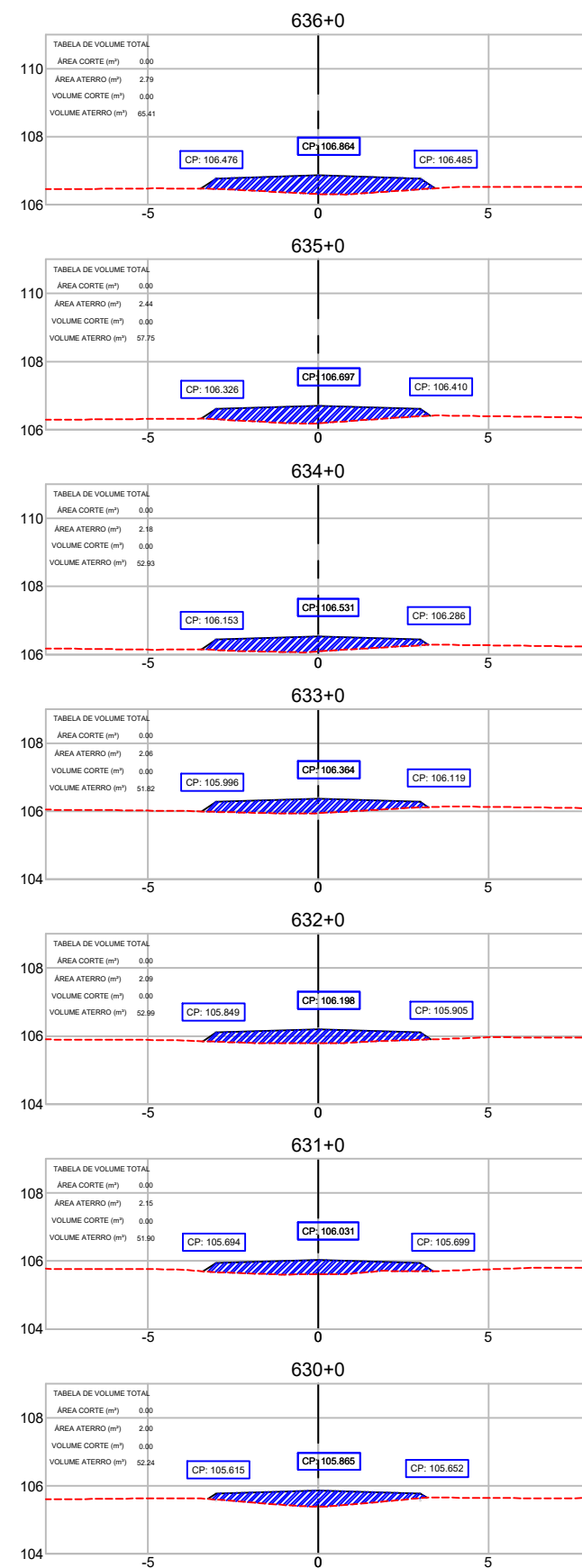
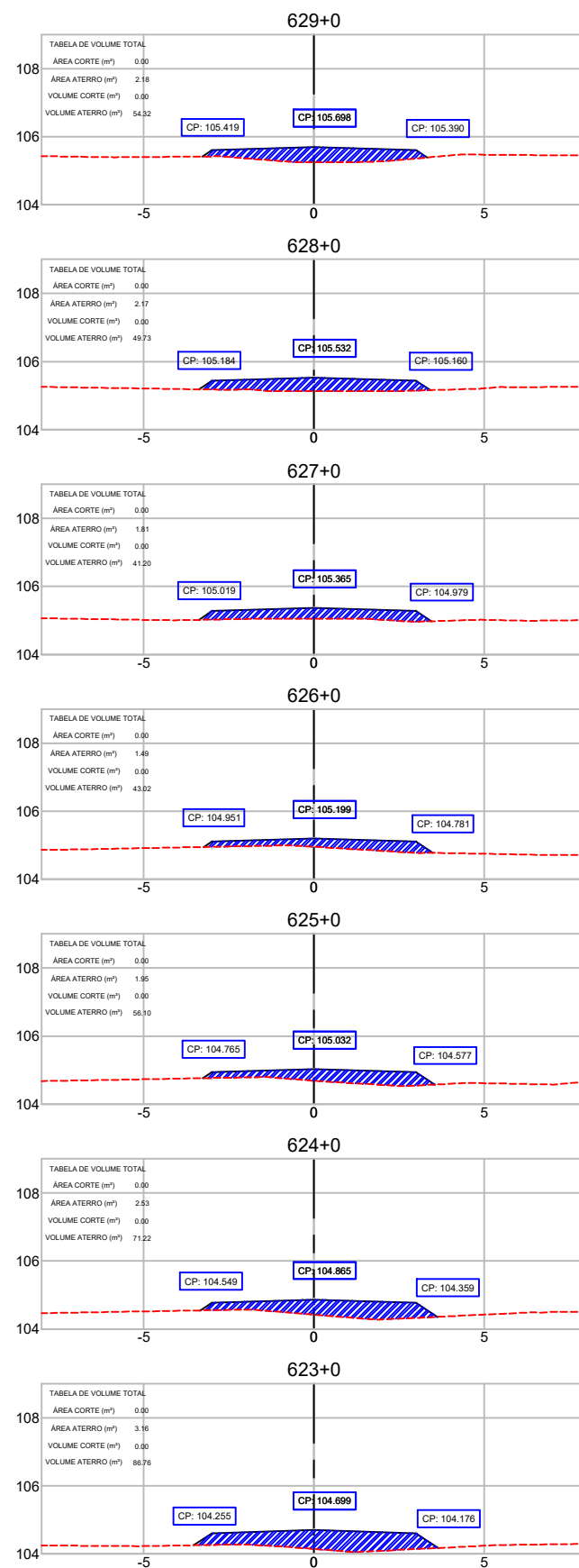
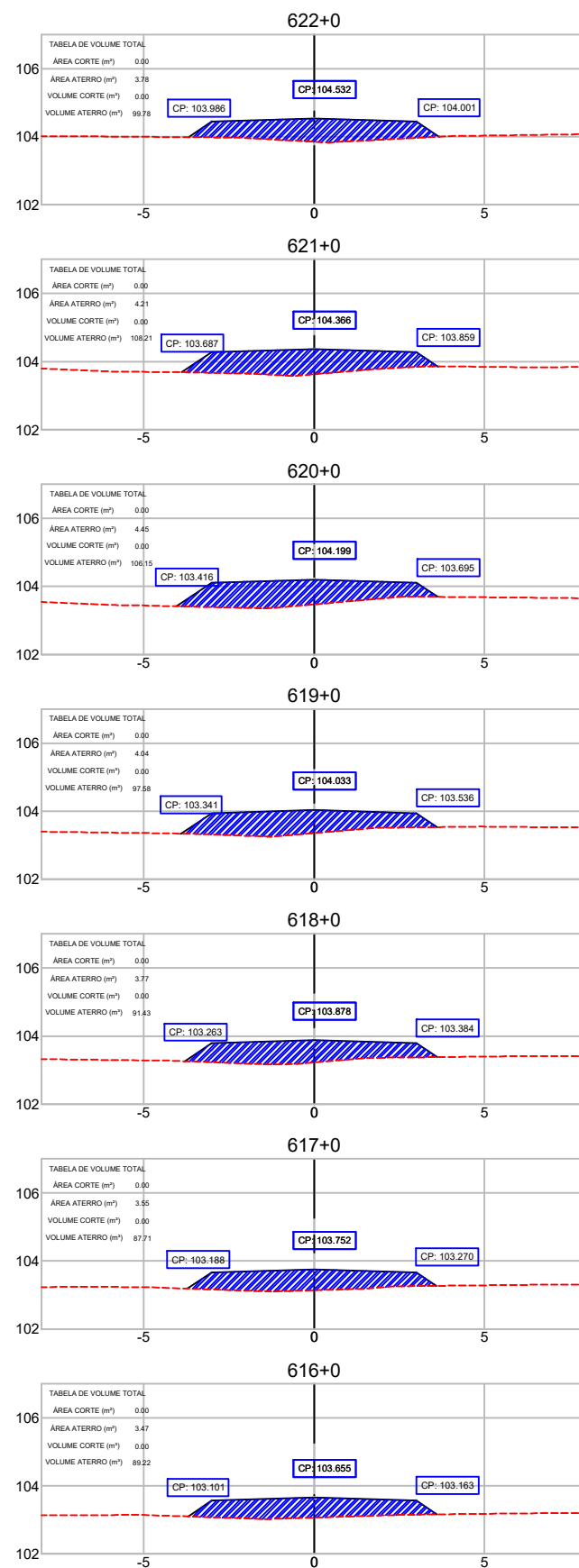


REFERÊNCIA CARTOGRÁFICA				
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART.DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983				
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.
1º	EDICÃO			
REV.	DESCRIÇÃO			

CONVENÇÃO:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	20/40	
CONCEDENTE:		LOCAL:		
		VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -59°58'53.96"W		
PREFEITO MUNICIPAL		DATA: 01/06/2025		
SEMPLE:		DIM: METRO		
		ESC: 1/1000		





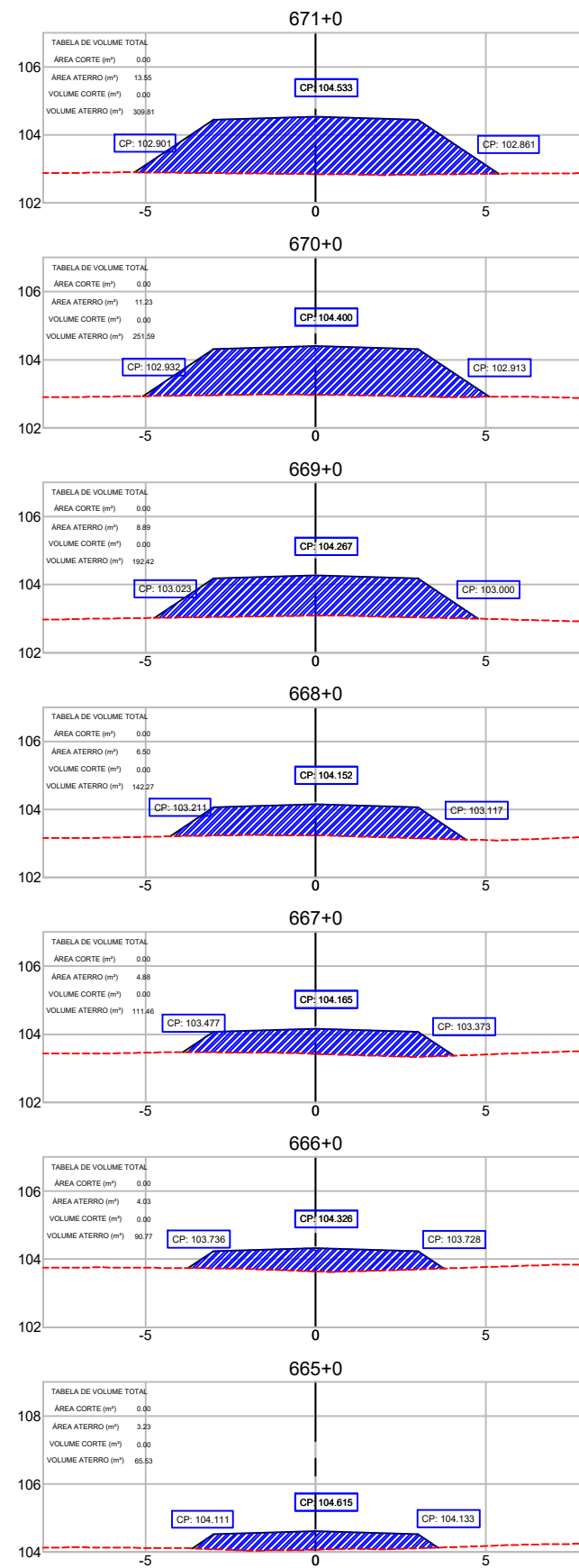
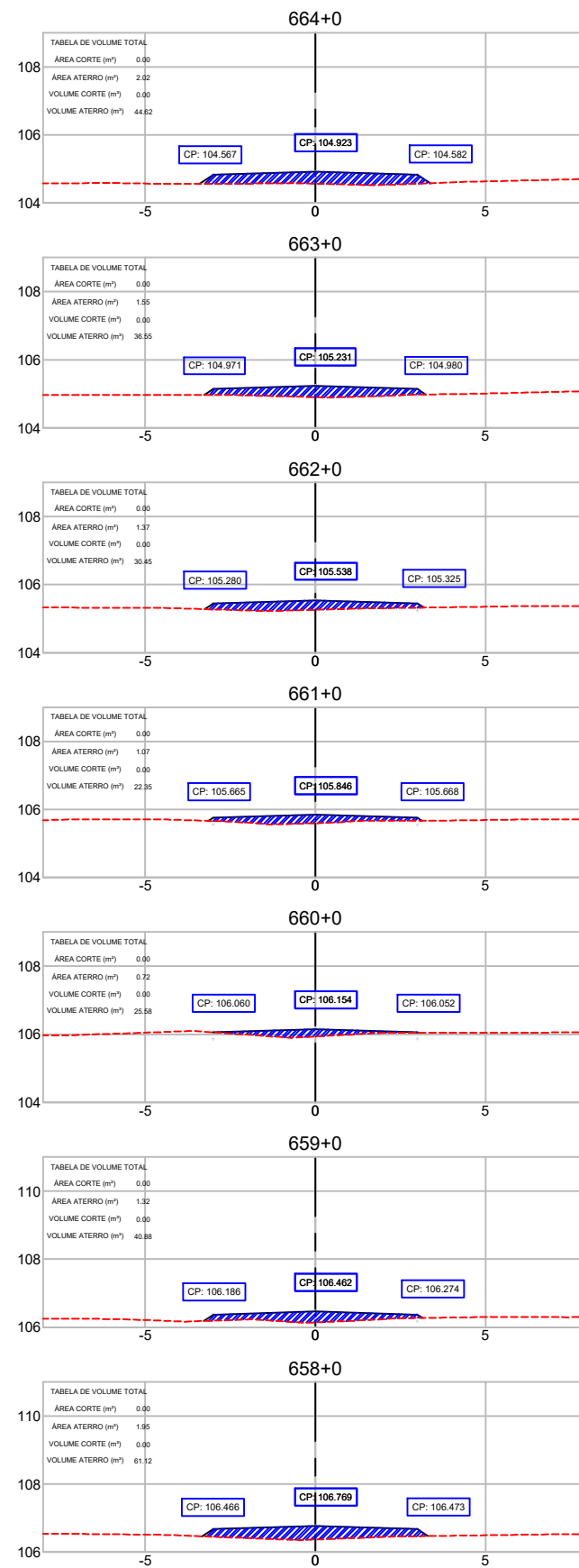
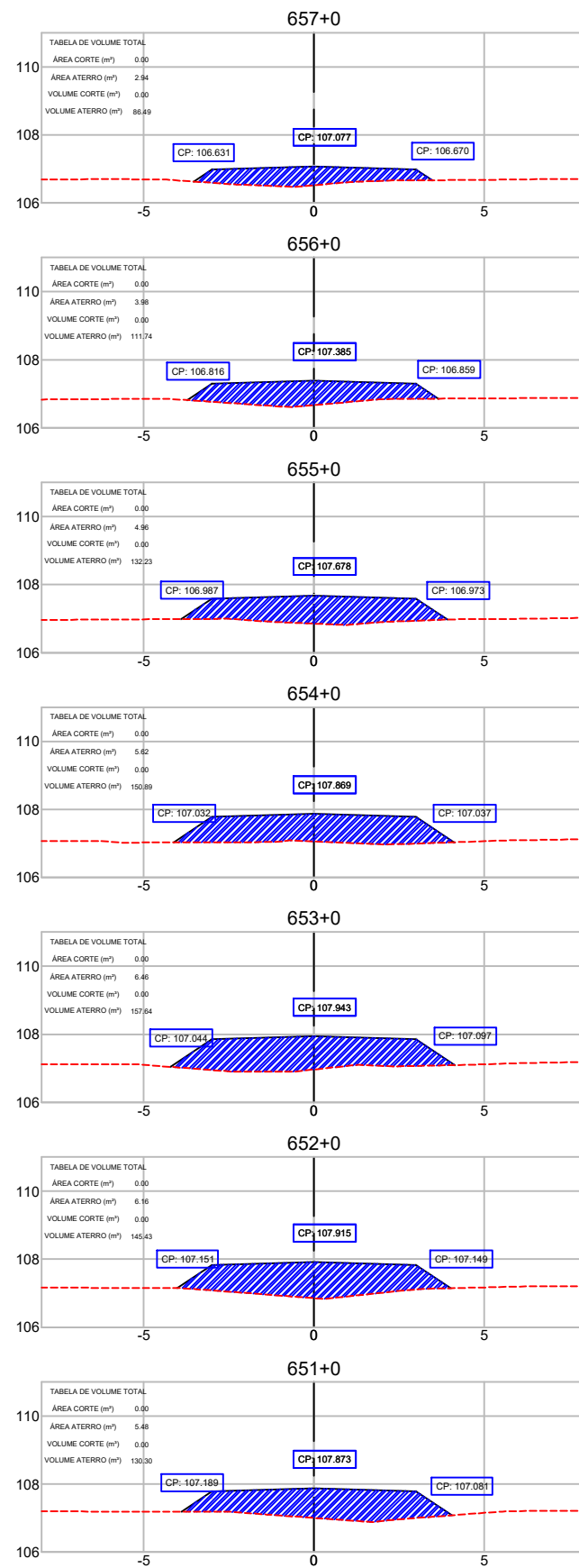
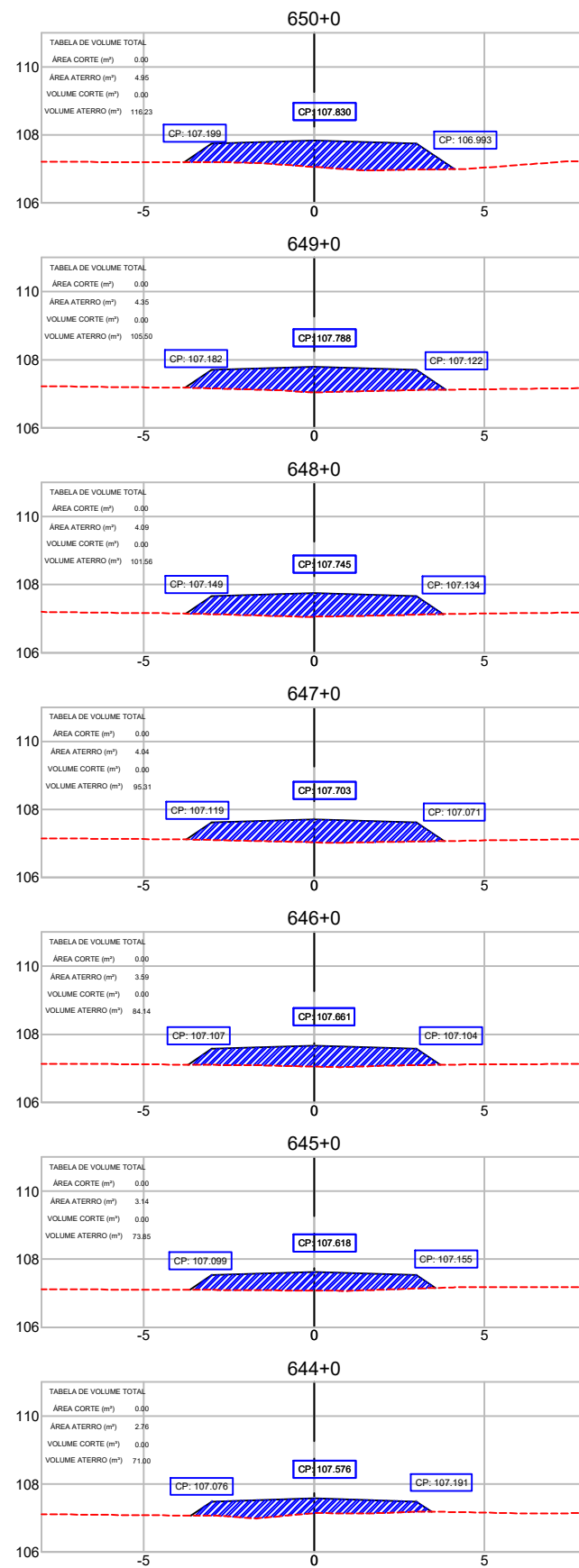


REFERÊNCIA CARTOGRÁFICA

PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM
PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR
CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE).
ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA
COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983

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1º	EDICÃO				
REV.	DESCRIÇÃO				

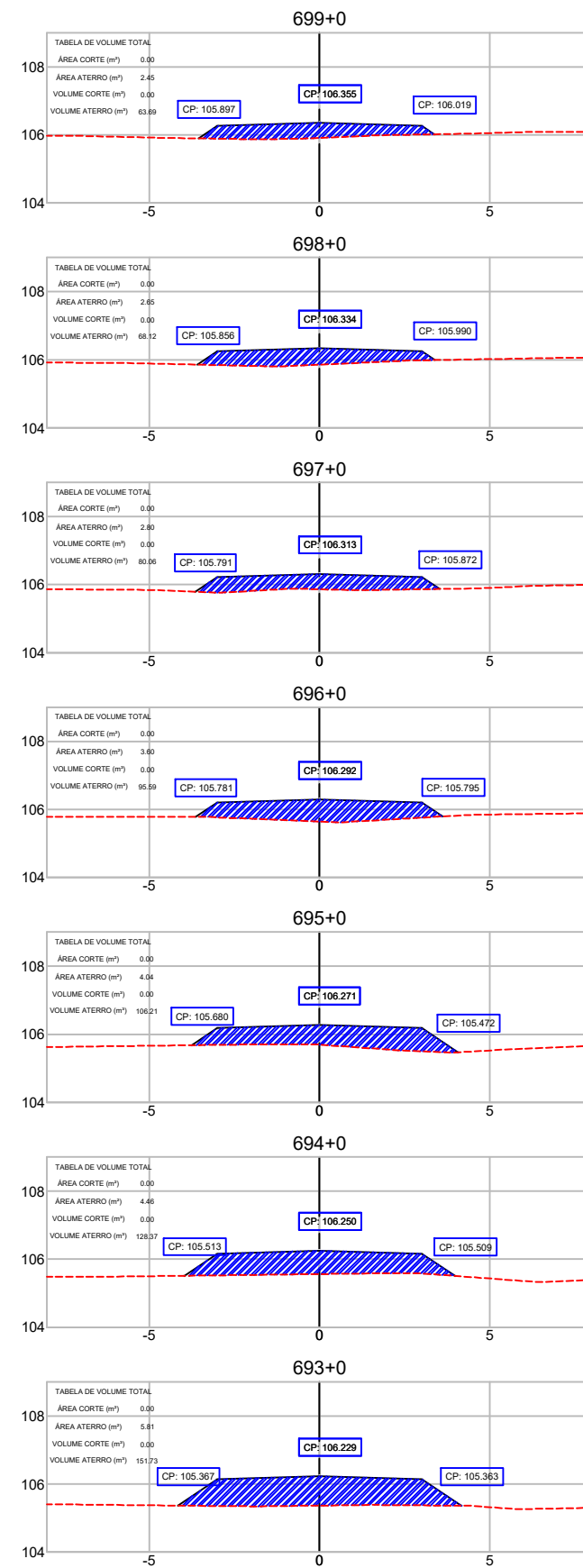
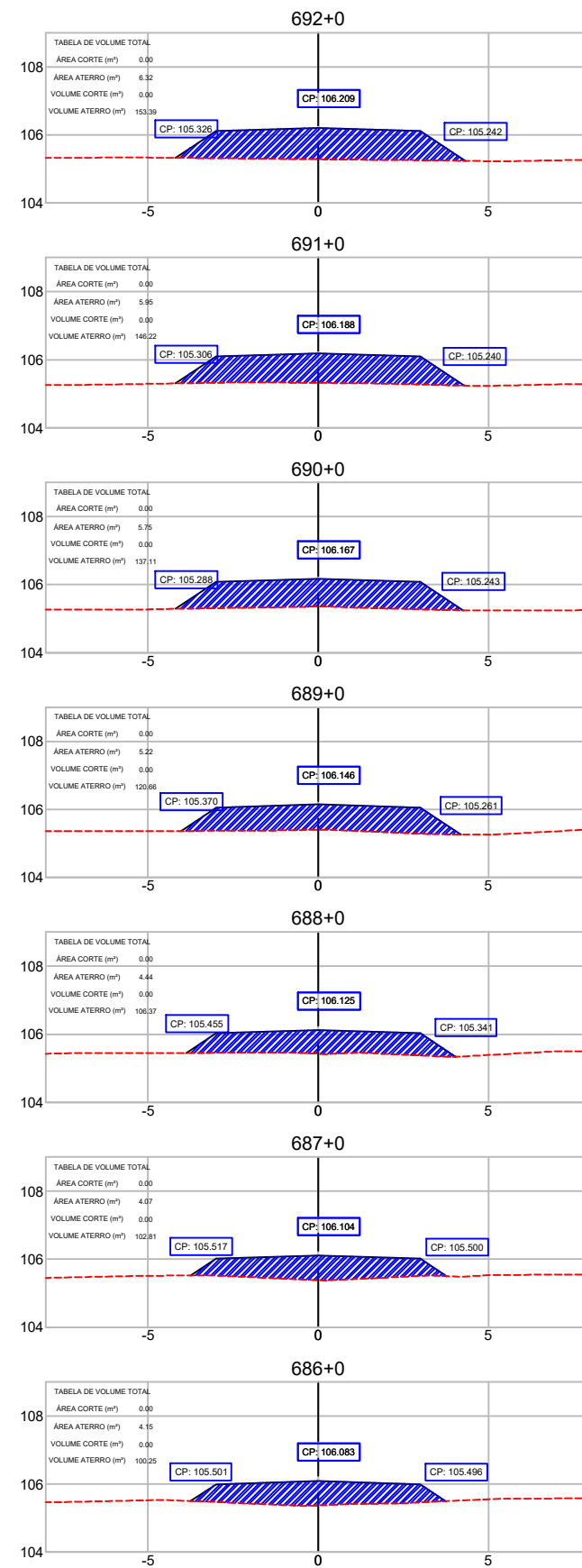
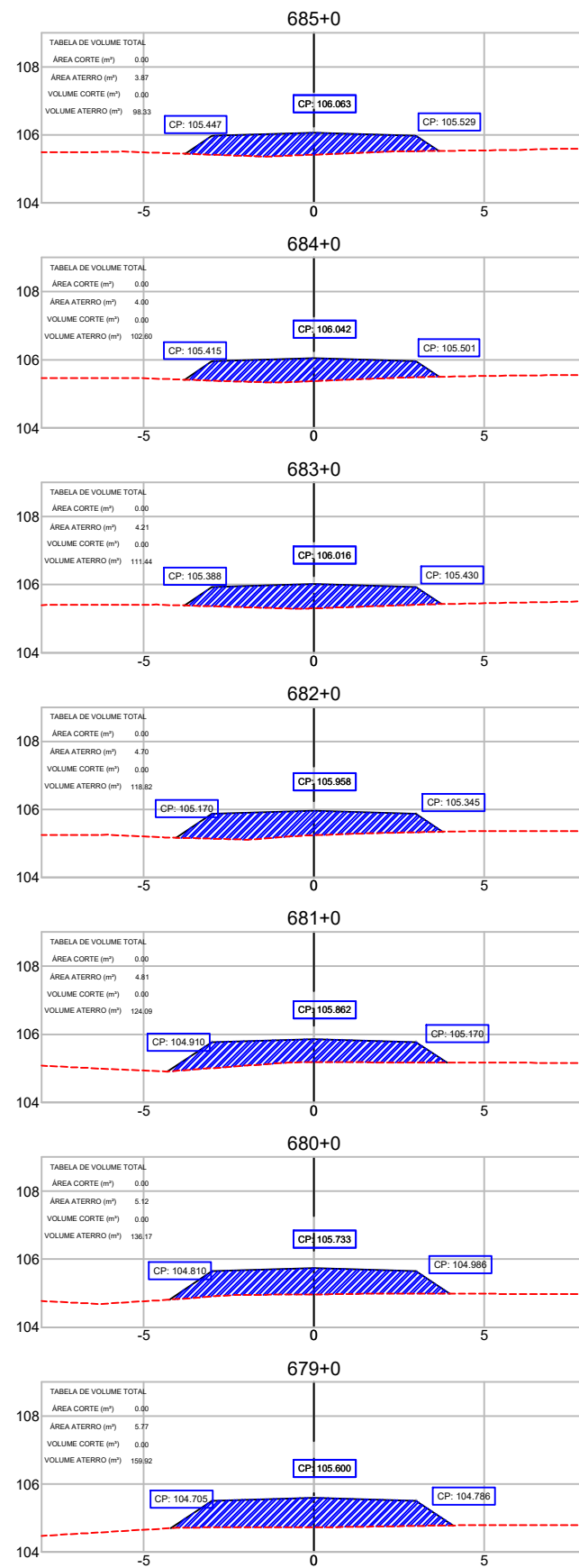
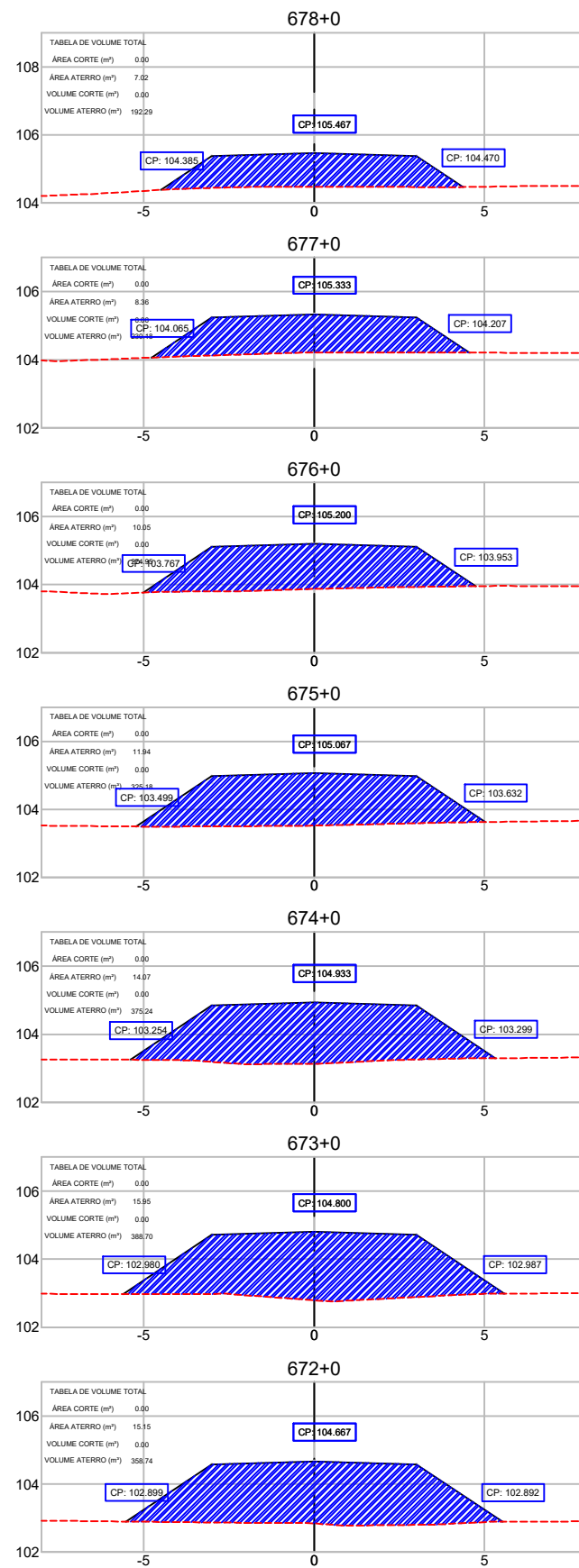
CONVENI:	ANO:	TIPO: PROJETO GEOMÉTRICO	FOLHA: 23/40	MODIFICAÇÕES:
CONCEDENTE:	LOCAL: VICINAL - RAPOSA - NOD 438	OBRAS: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR	TRECHO: KM 0,00 - KM 23,376 ESTACA: 0+0,000 ATE 1+18+16	A: B: C: D: E: F: G: H:
AUTOR: PREFEITO MUNICIPAL	COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -56°58'33.96"W	DATA: 01/06/2025	DIM: METRO	ESC: 1/1000
SEMPA:				



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA OU TAPUME	POSTE COMUM	ENERGIA ELÉTRICA	EIXO	GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA
MURO QUILÔMETRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE/CORREIO	FILETE/CORREGIDOR	ALAGADO COM VEGETAÇÃO BREJO	POSTE COMUM	ALINHAMENTO INDEFINIDO	POSTE METÁLICO	TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

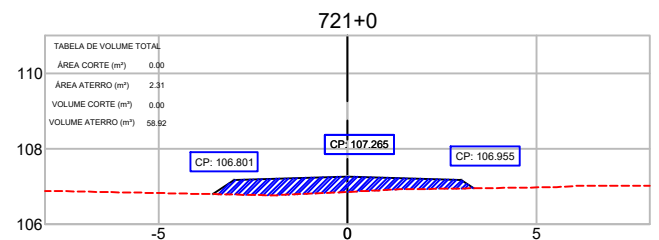
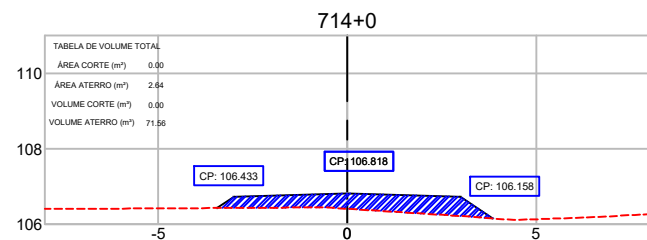
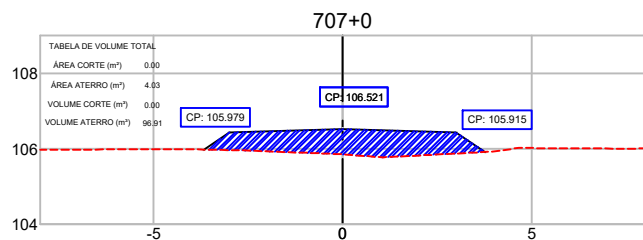
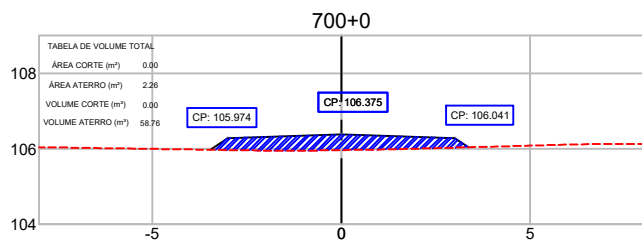
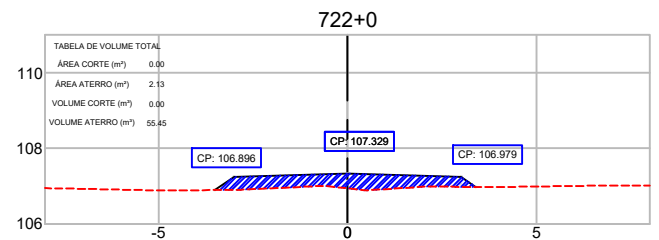
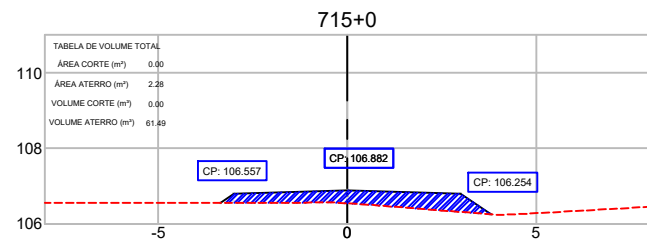
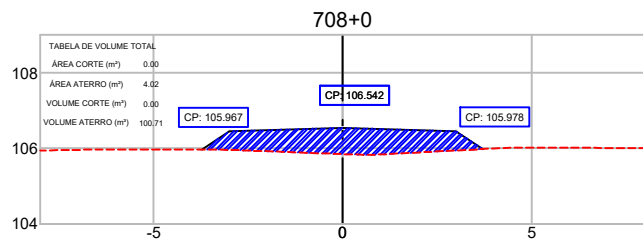
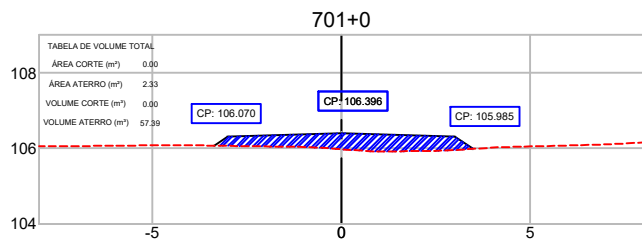
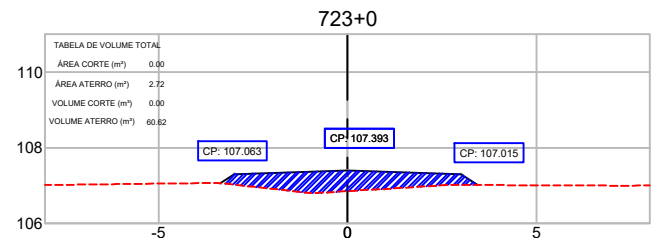
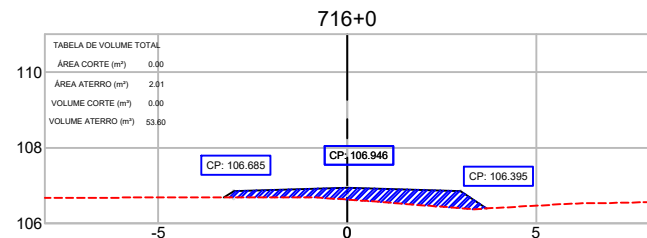
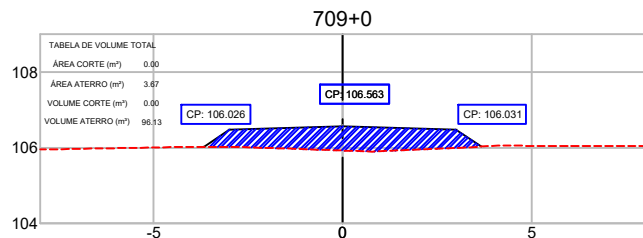
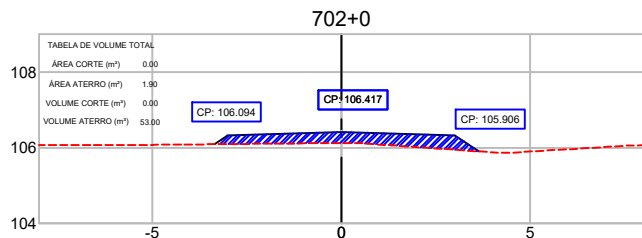
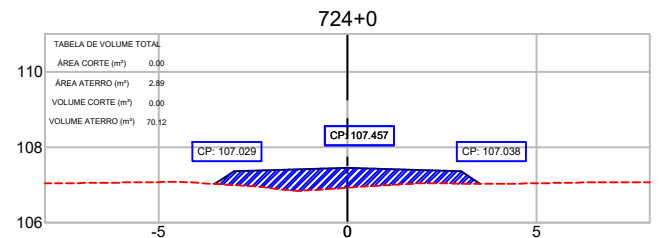
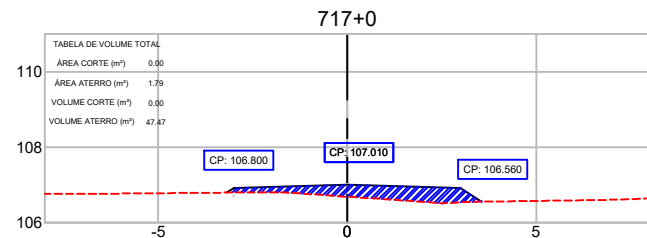
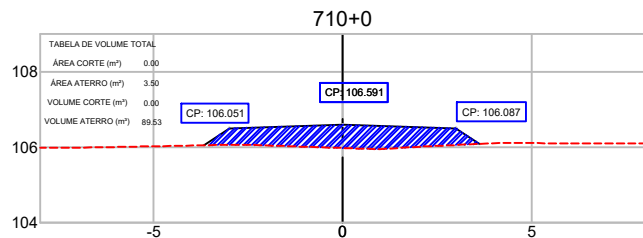
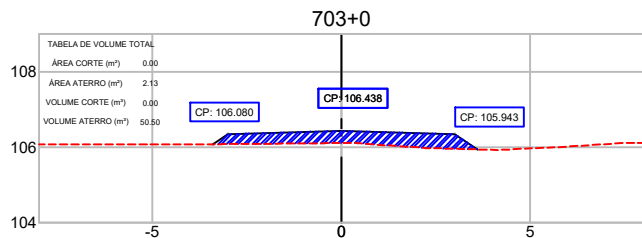
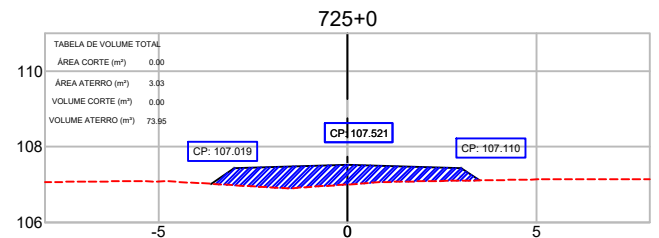
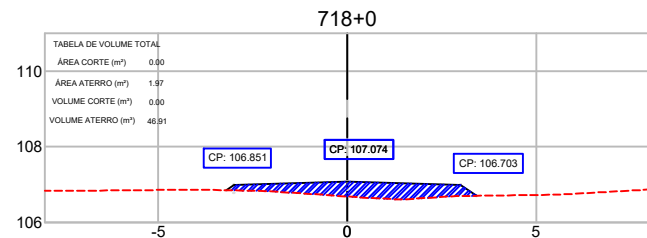
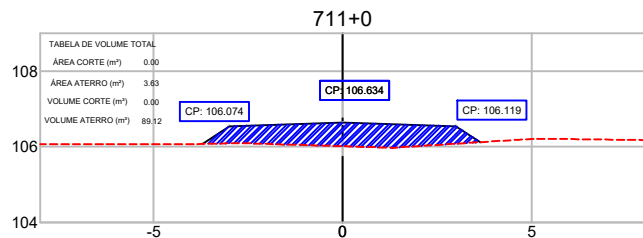
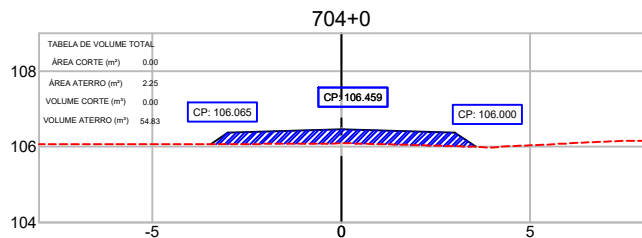
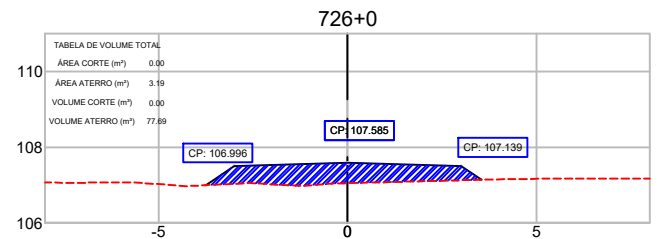
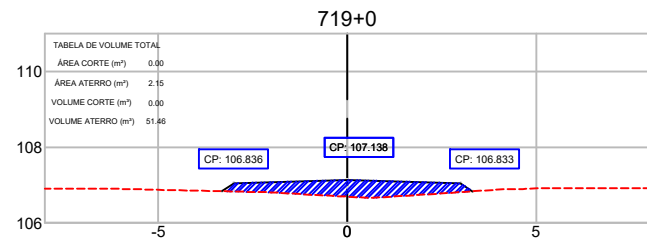
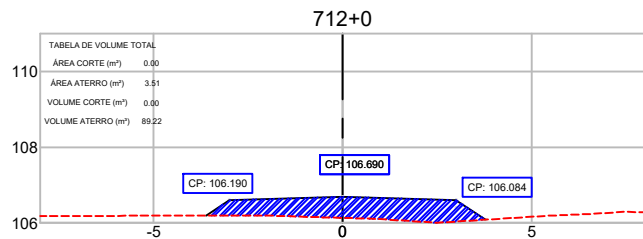
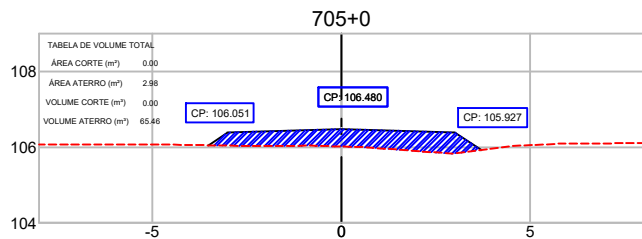
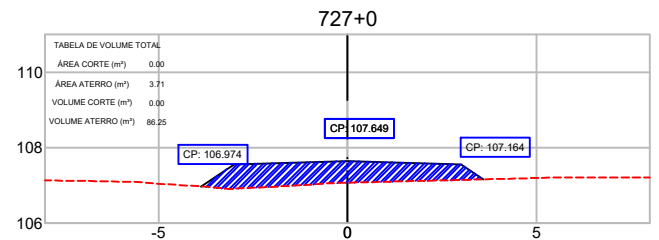
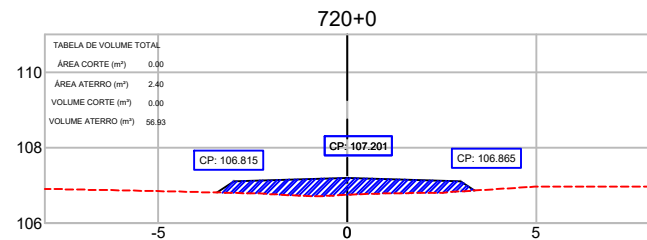
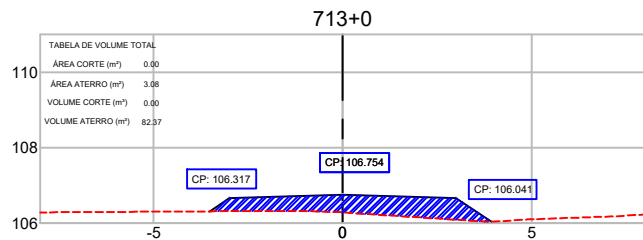
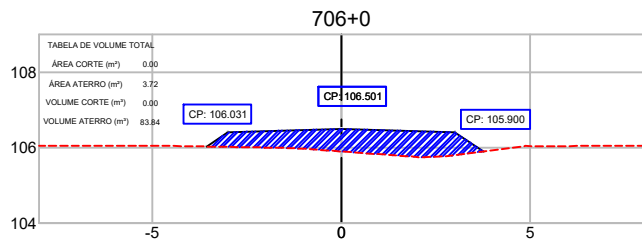
REFERÊNCIA CARTOGRÁFICA				
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983				
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.
1º	EDICÃO			
REV.	DESCRIÇÃO			

CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	24/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
AUTOR: PREFEITO MUNICIPAL				
COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -56°58'53.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESCALA: 1/1000				



REFERÊNCIA CARTOGRÁFICA						
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983						
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1º	EDICÃO					
REV.	DESCRIÇÃO					

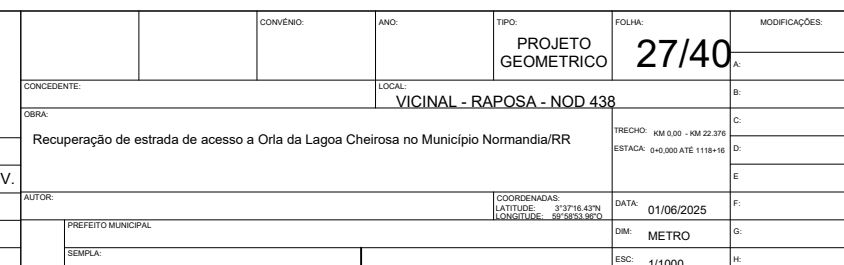
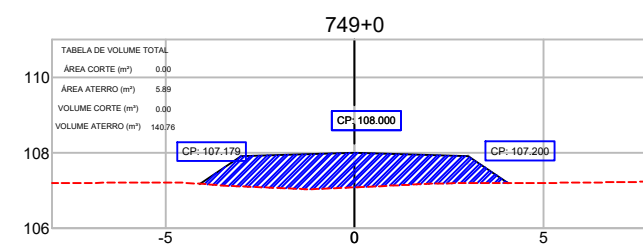
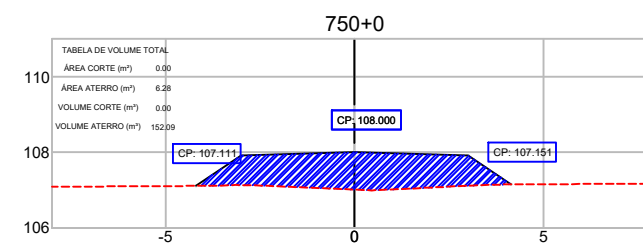
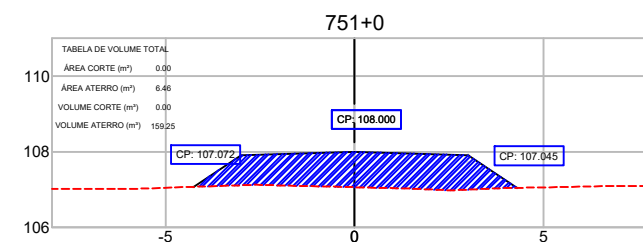
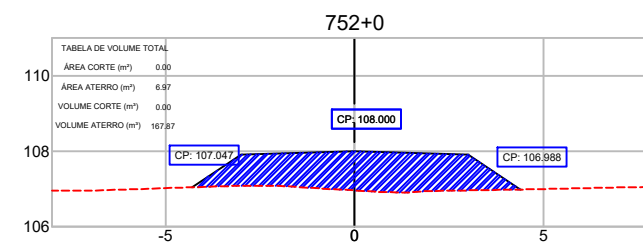
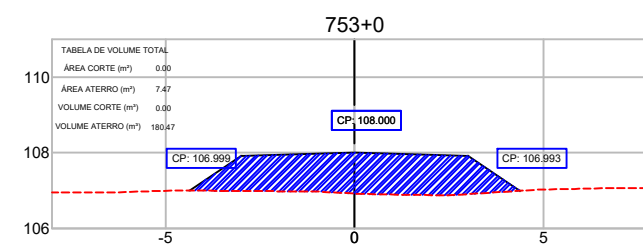
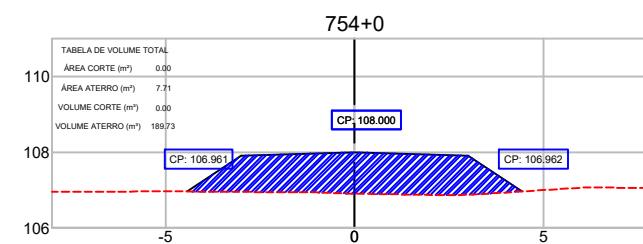
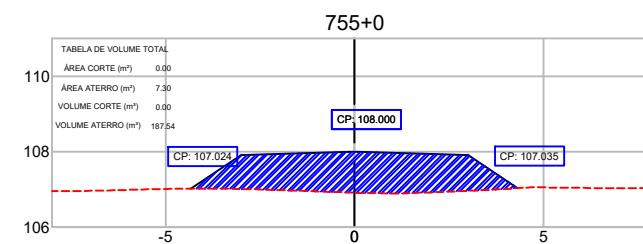
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CONCEDENTE:				B:
LOCAL:				C:
OBRA:				D:
Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				E:
AUTOR:				F:
PREFEITO MUNICIPAL				G:
SEMPLE:				H:
COORDENADAS:				
LATITUDE: 7°37'16.43"N				DATA: 01/06/2025
LONGITUDE: 59°58'33.96"W				DIM: METRO
				ESC: 1/1000

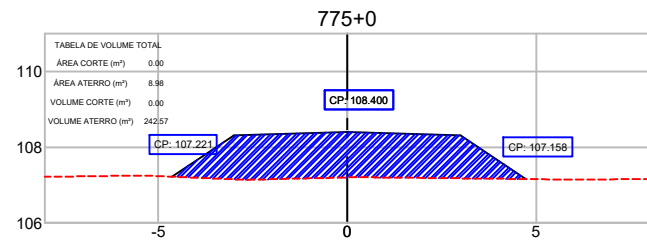
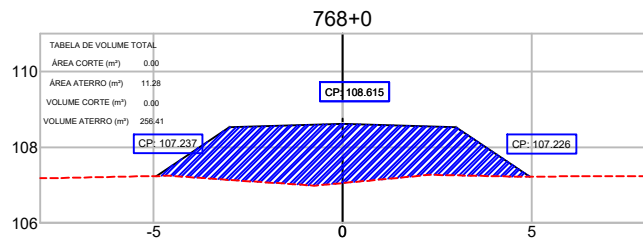
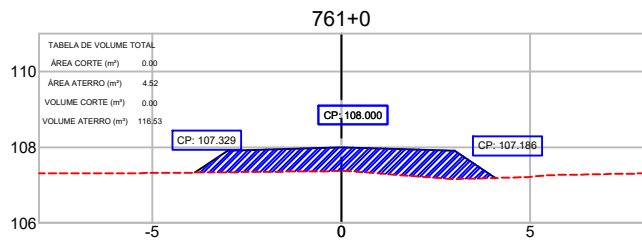
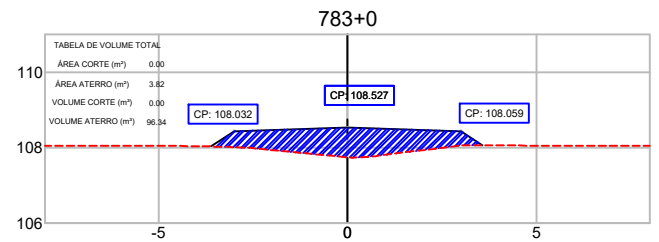
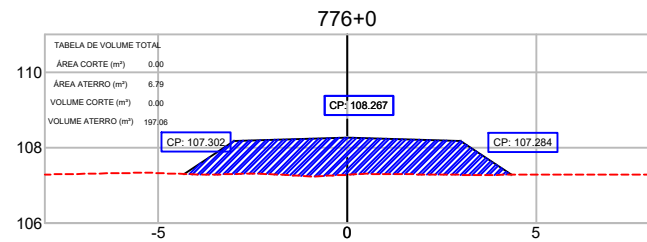
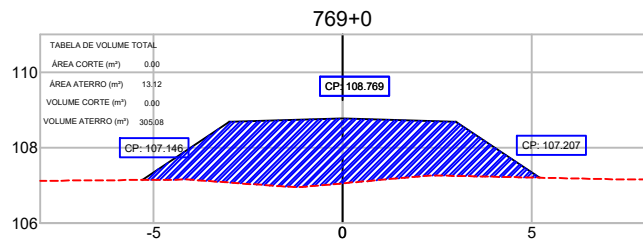
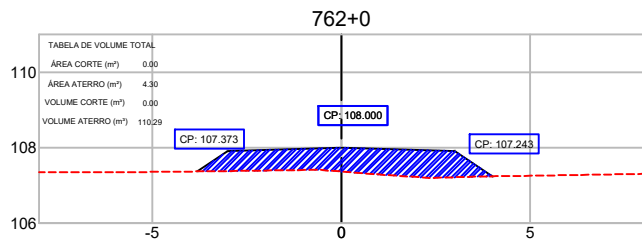


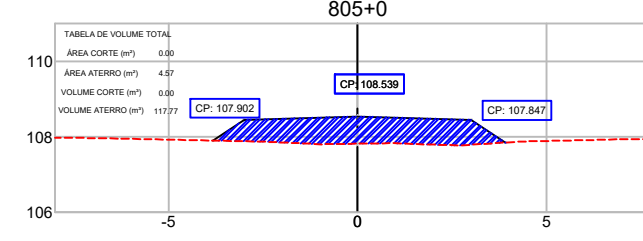
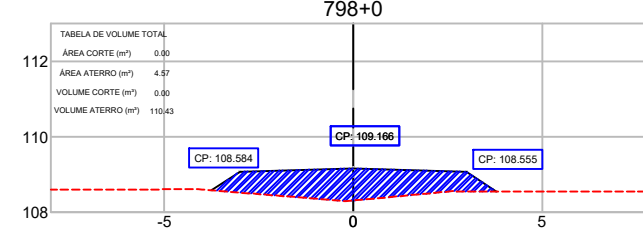
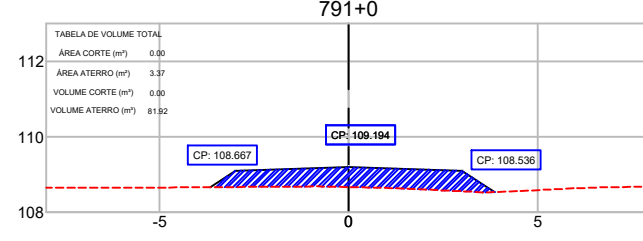
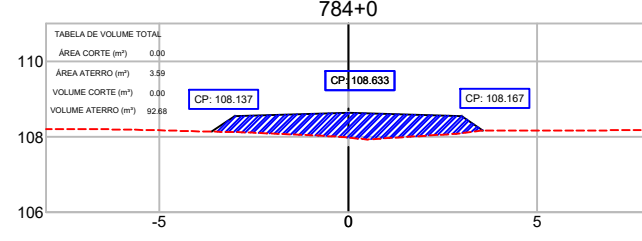
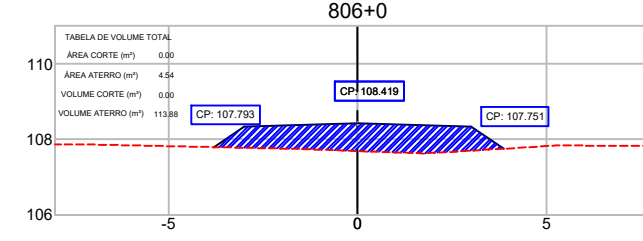
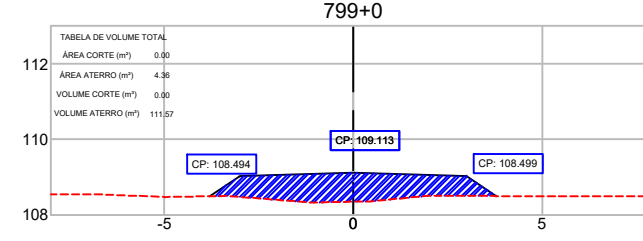
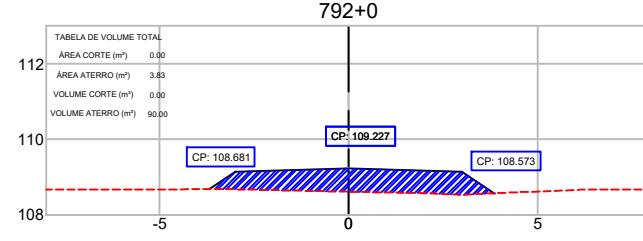
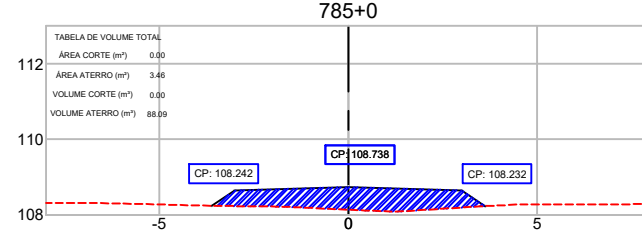
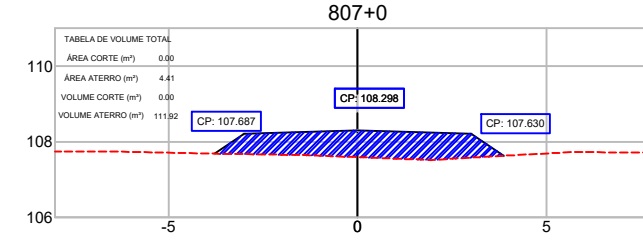
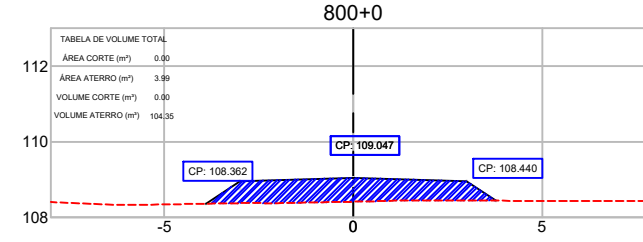
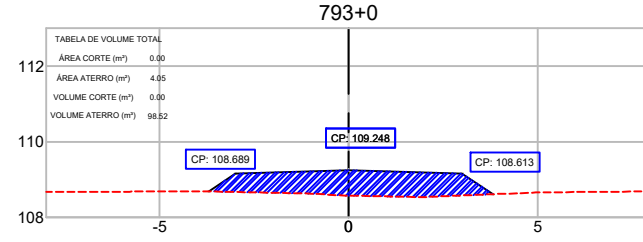
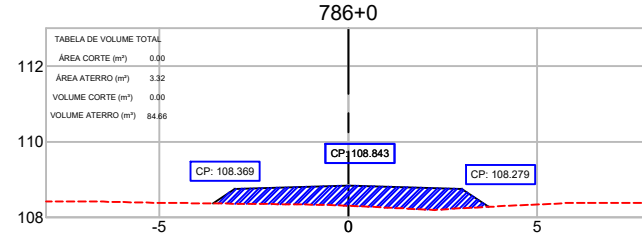
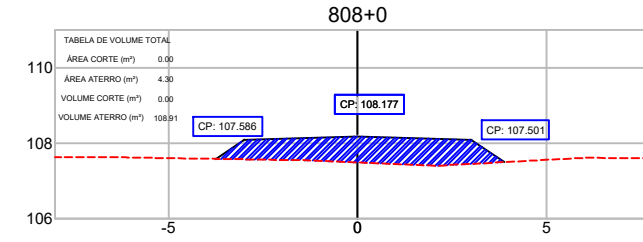
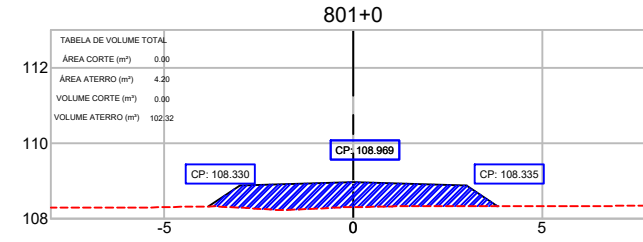
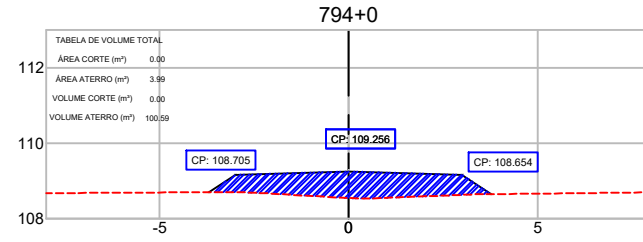
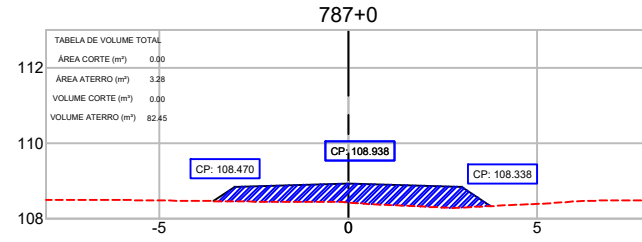
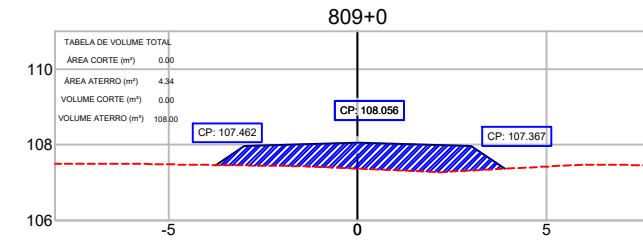
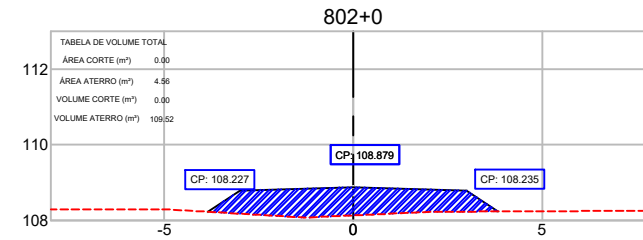
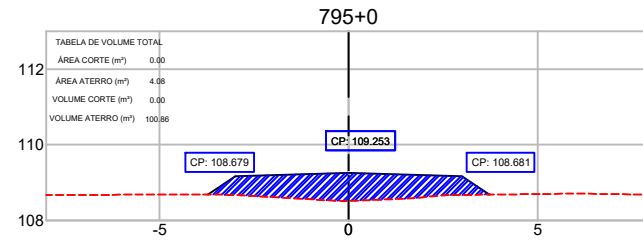
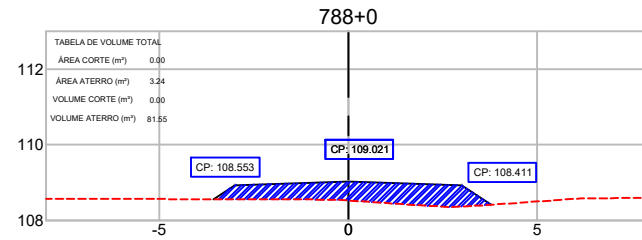
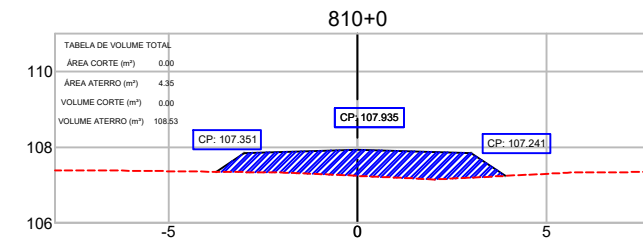
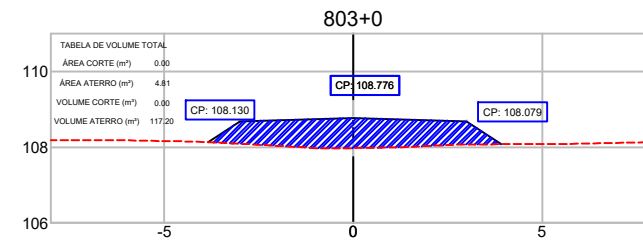
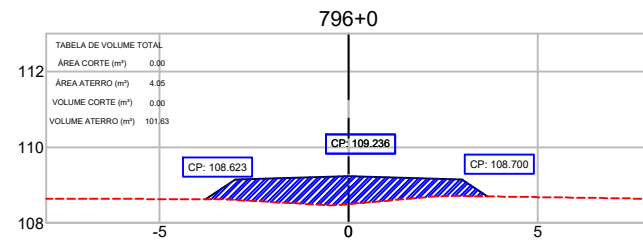
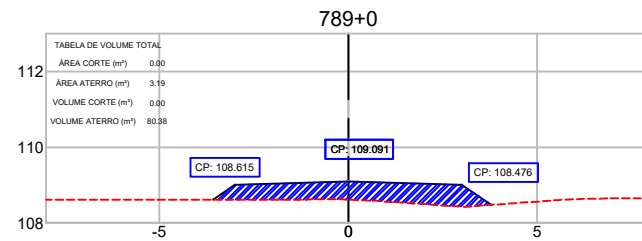
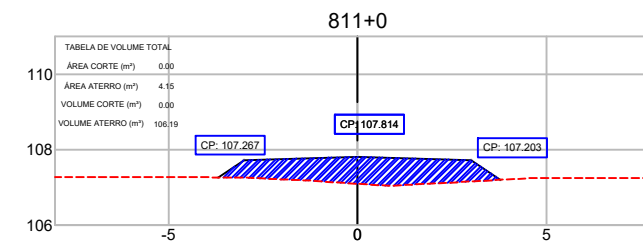
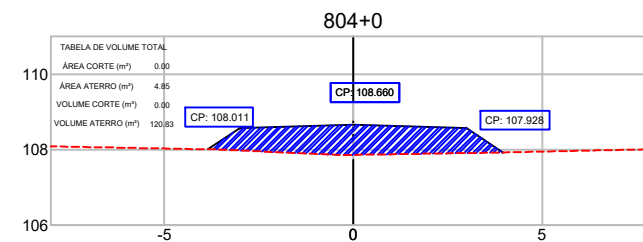
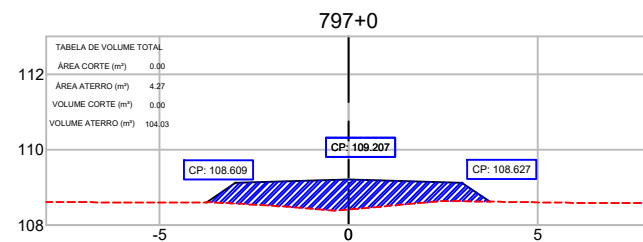
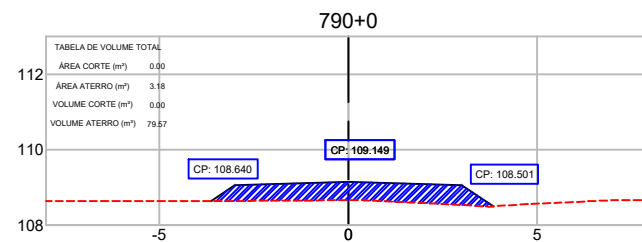
CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	INDEFINIDO	POSTE METÁLICO	LUMINÁRIA			
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREGIDOR	ALAGADO COM VEGETAÇÃO BREJO	POSTE COMUM	TELEFONE	MURO DE ARRIMO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO		TORRE DE ALTA TENSÃO				
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6,63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENI:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	26/40	
CONCEDENTE:		LOCAL:		
OBRA:		VICINAL - RAPOSA - NOD 438		
REcuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		B:		
AUTOR:		TRECHO: KM 0,00 - KM 22,376		
PREFEITO MUNICIPAL		ESTACA: 0+0,000 ATE 11+8+16		
SEMPLA:		C:		
		D:		
		E:		
		F:		
		G:		
		H:		



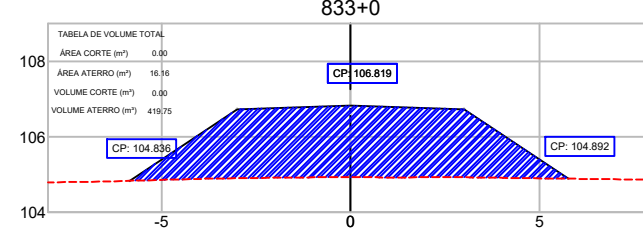
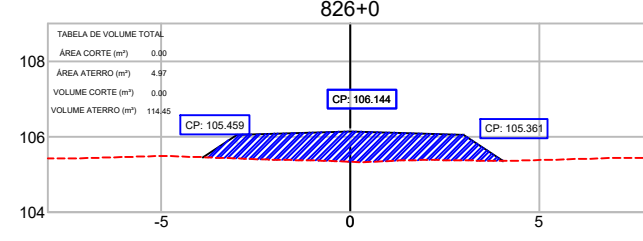
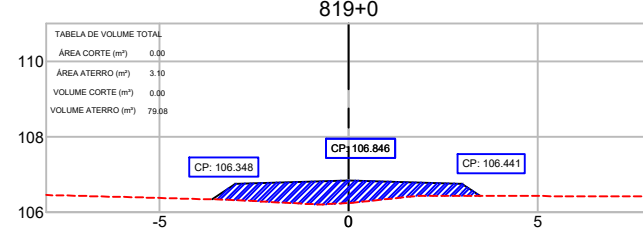
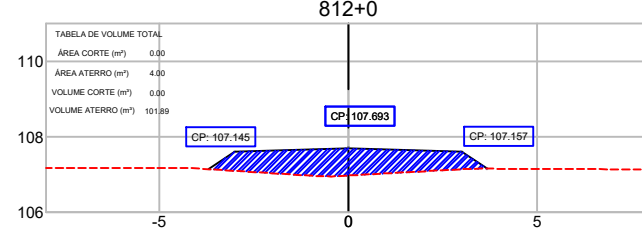
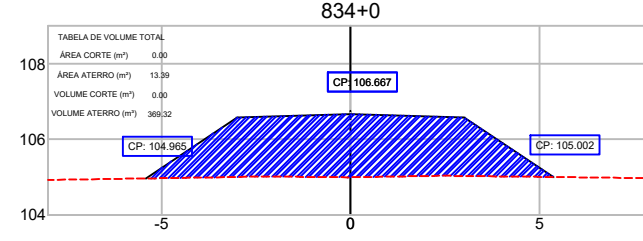
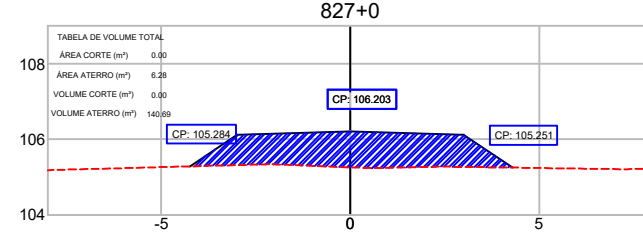
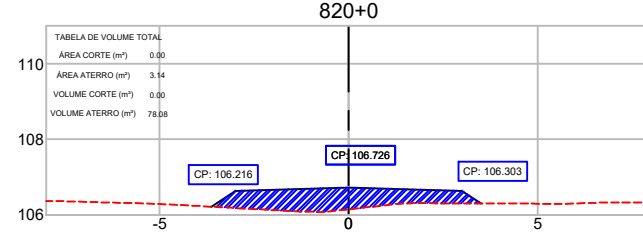
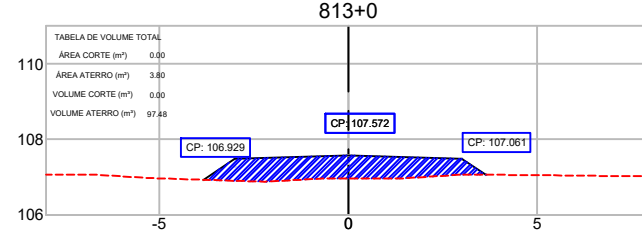
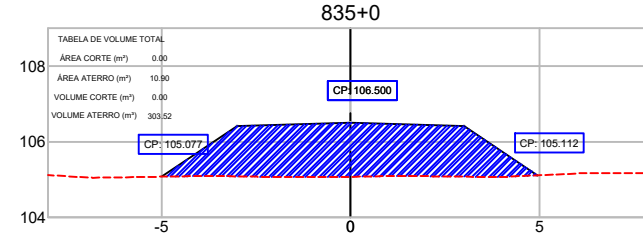
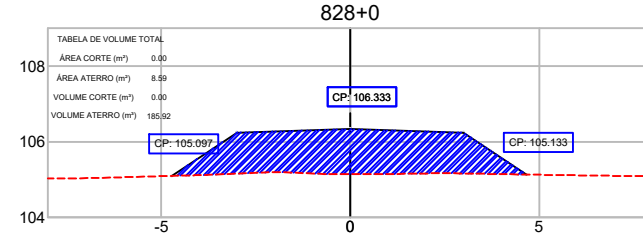
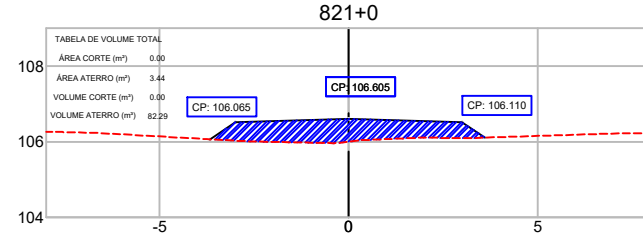
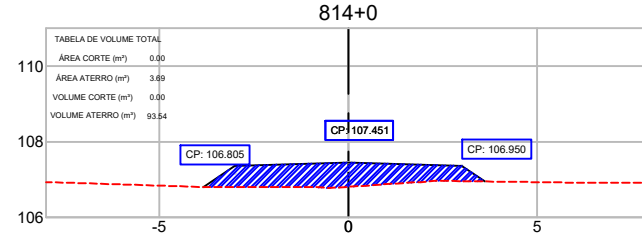
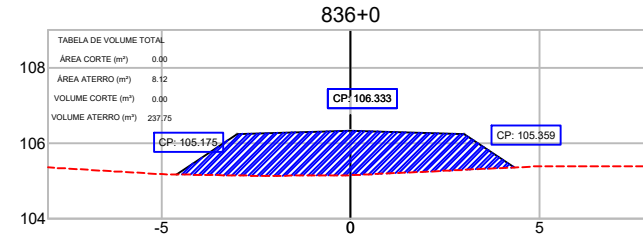
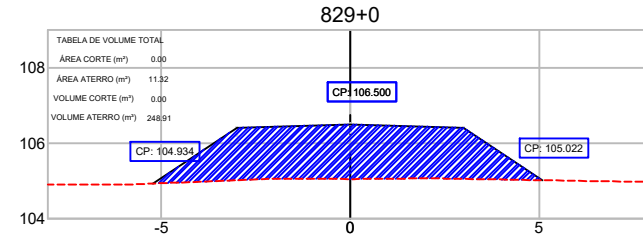
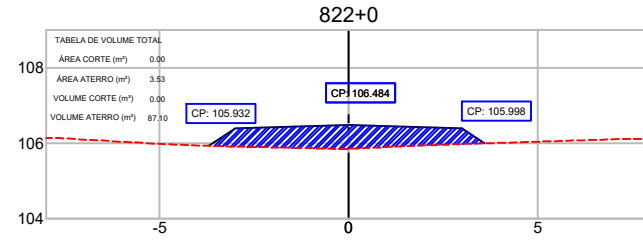
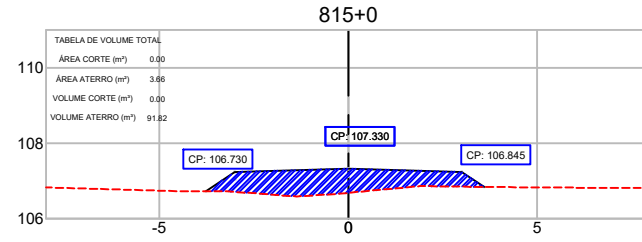
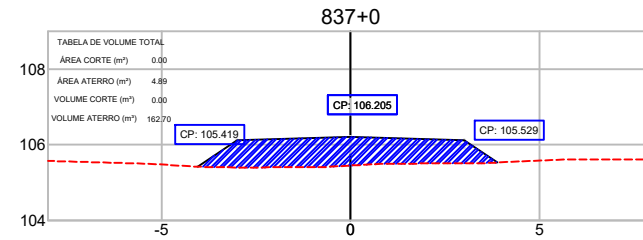
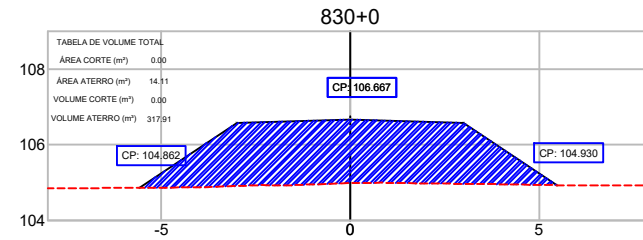
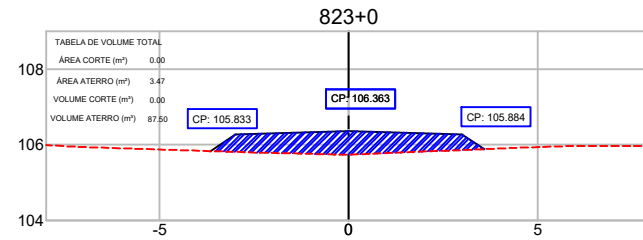
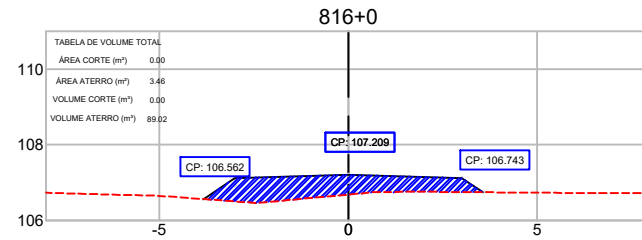
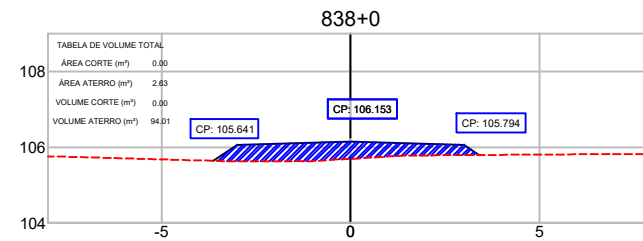
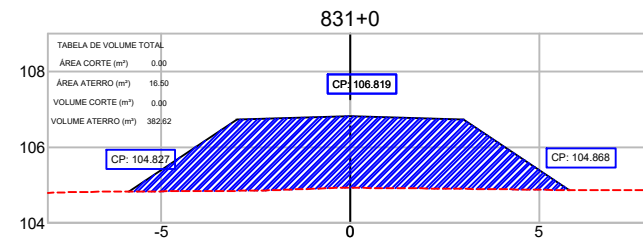
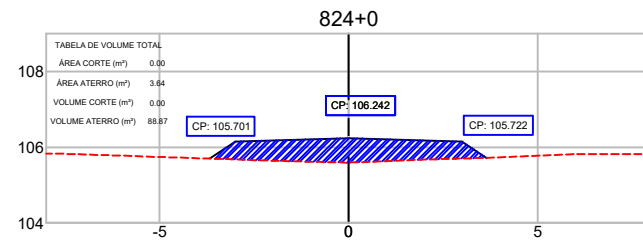
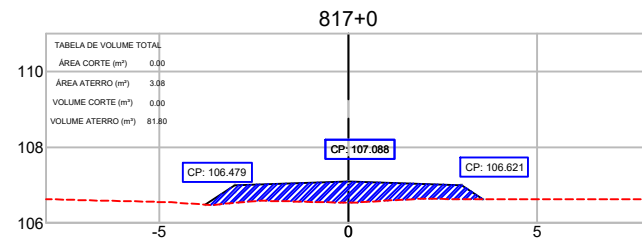
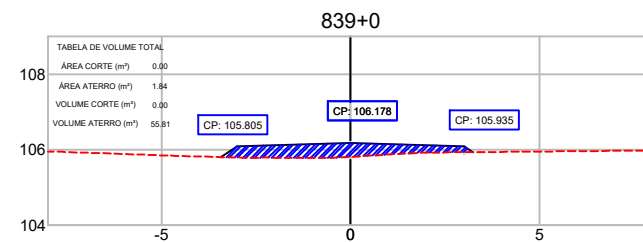
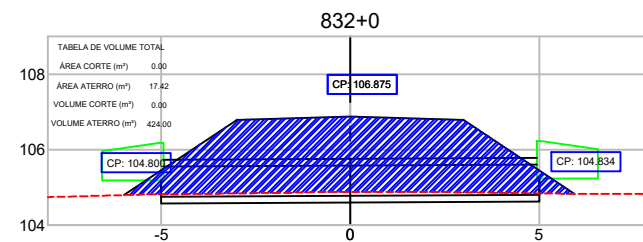
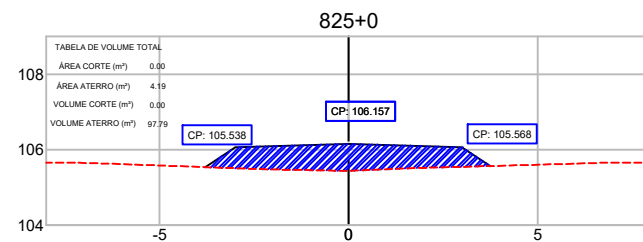
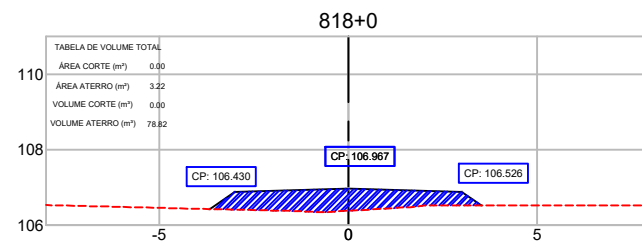




CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	ENERGIA ELÉTRICA	EIXO				
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MAÍTA / CULTURA	ALINHAMENTO	INDEFINIDO	POSTE METÁLICO	LUMINÁRIA			
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	TELEFONE	MURO DE ARRIMO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO		TORRE DE ALTA TENSÃO				
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO		CURVAS DE NÍVEL				

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL: SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

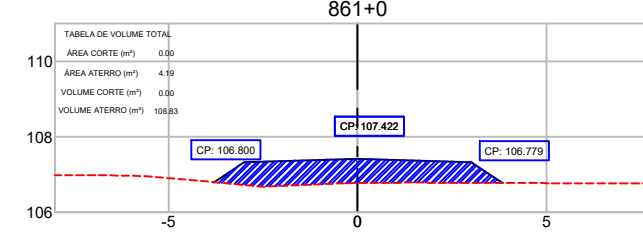
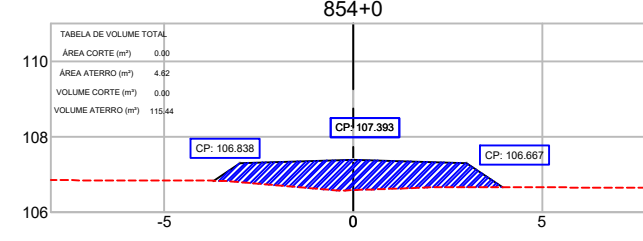
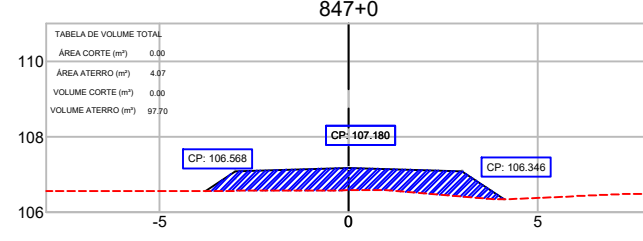
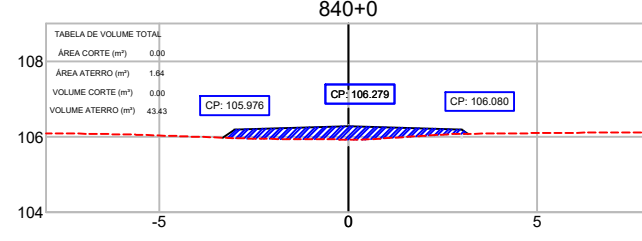
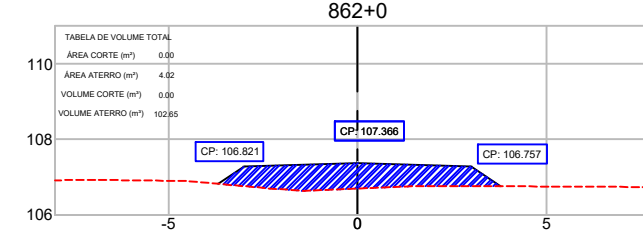
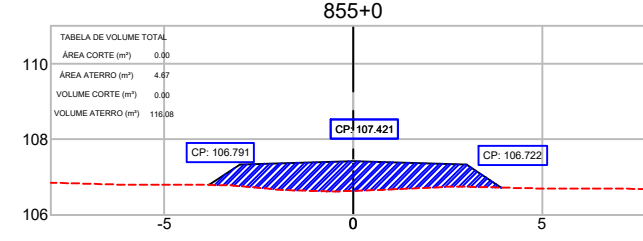
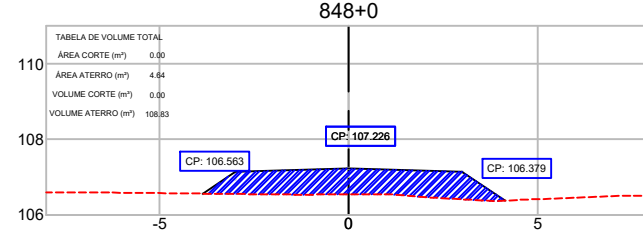
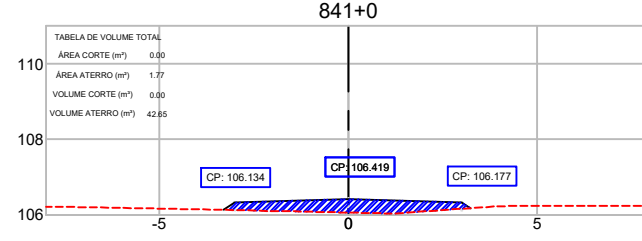
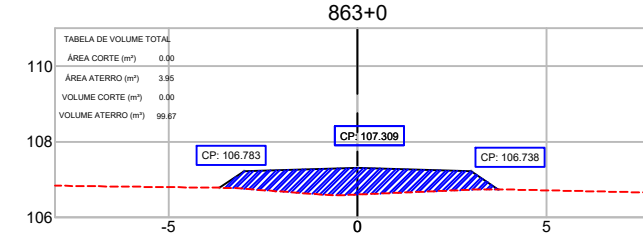
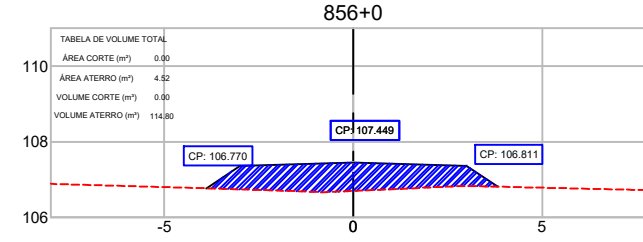
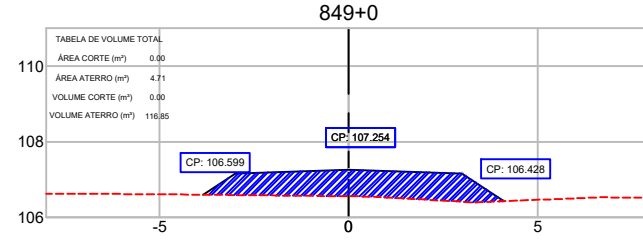
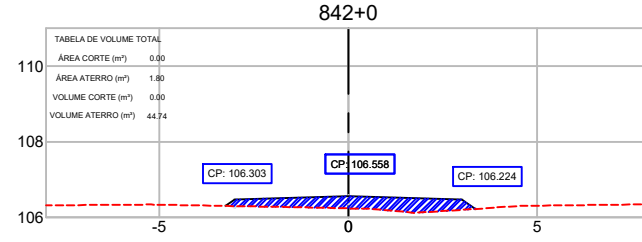
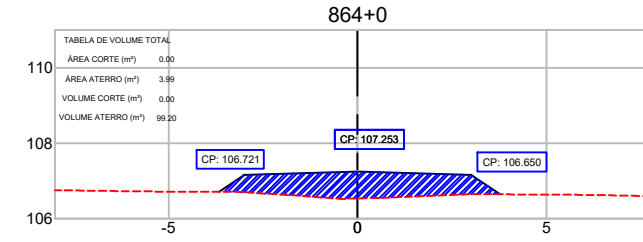
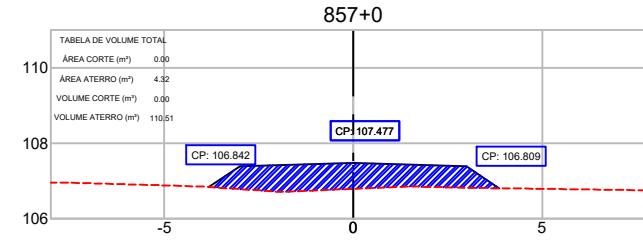
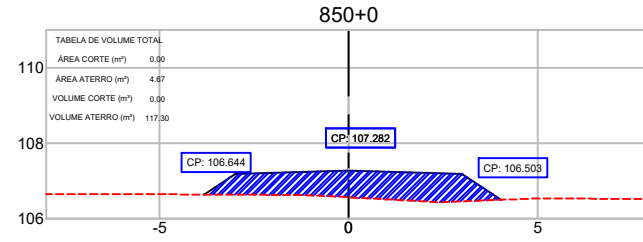
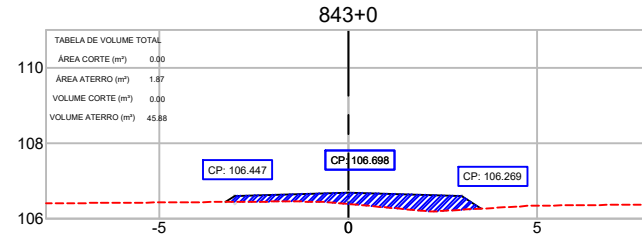
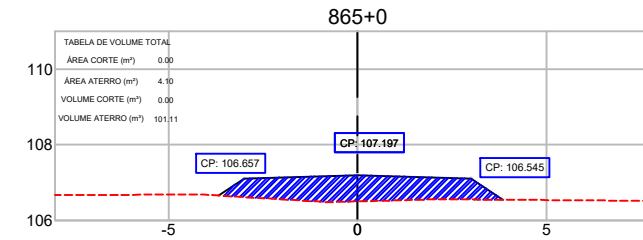
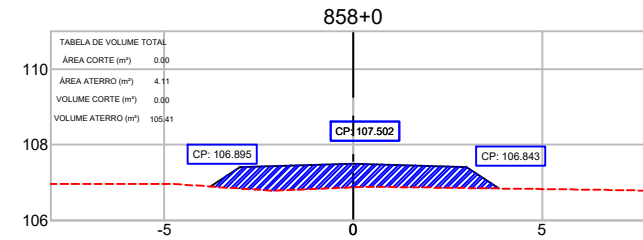
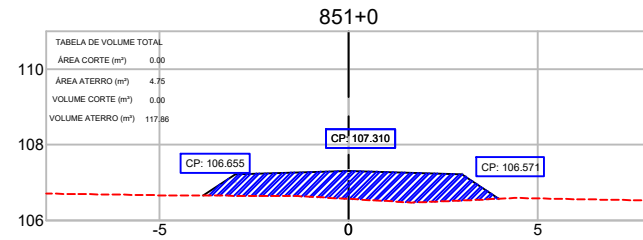
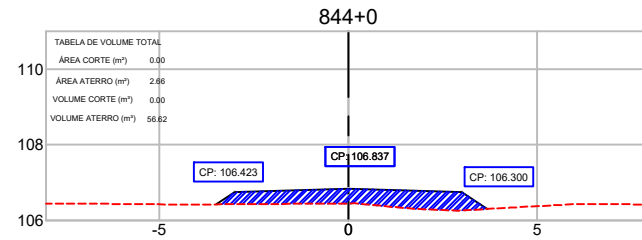
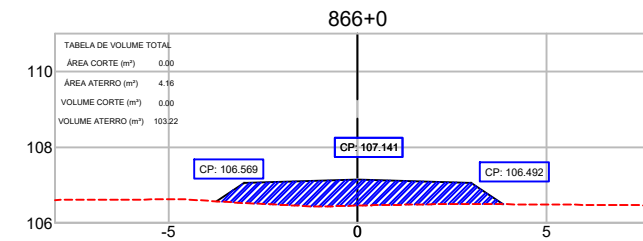
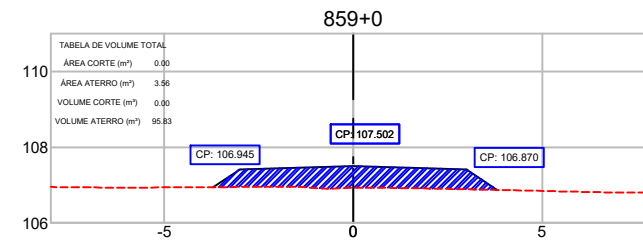
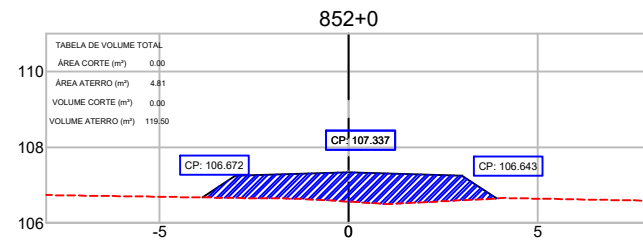
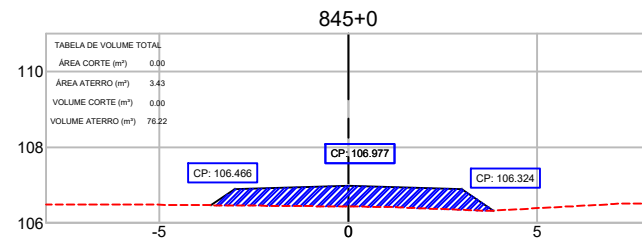
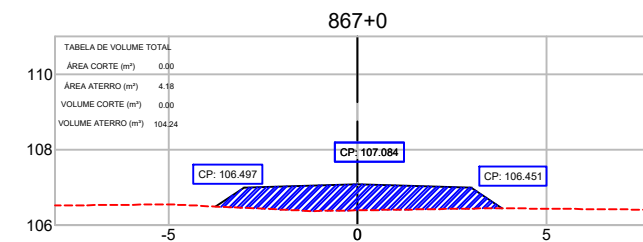
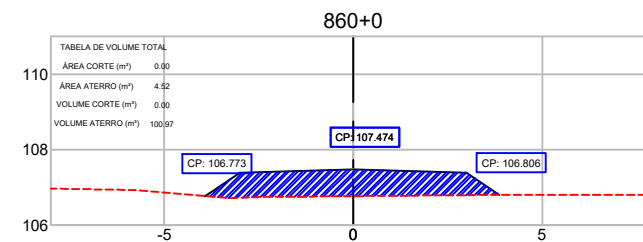
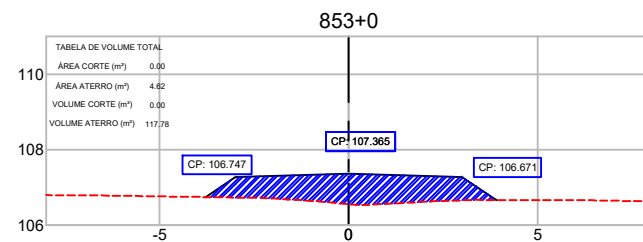
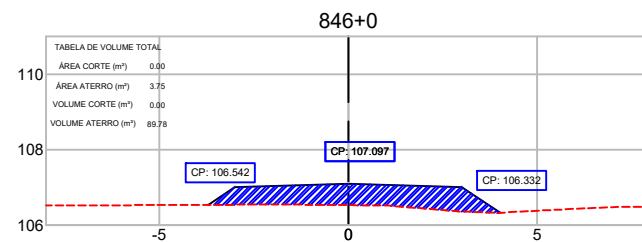
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	29/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
AUTOR:	COORDENADAS:		DATA:	
PREFEITO MUNICIPAL	LATITUDE: -7°37'16.43"N		01/06/2025	
SEMPLE:	LONGITUDE: -56°58'33.96"W		DIM:	METRO
			ESC:	1/1000



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	OU TAPUME	POSTE COMUM	ENERGIA ELÉTRICA	EXCO			
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	INDEFINIDO	POSTE METÁLICO	LUMINÁRIA			
MURO QUILÔMETRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	BREJO	POSTE COMUM	MURO DE ARRIMO				
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLANDO	POSTE COMUM	TORRE DE ALTA TENSÃO				
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	REDE ELÉTRICA	CURVAS DE NÍVEL				

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

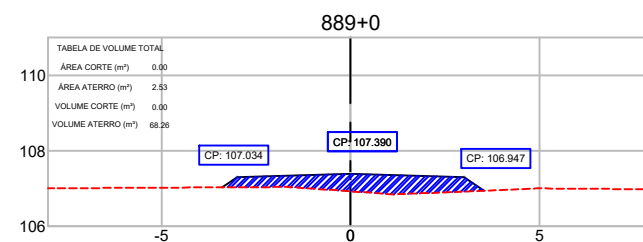
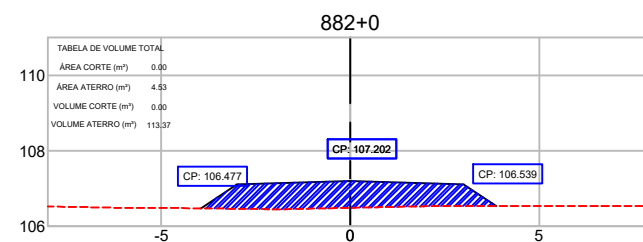
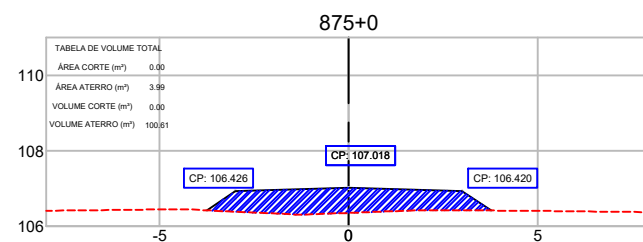
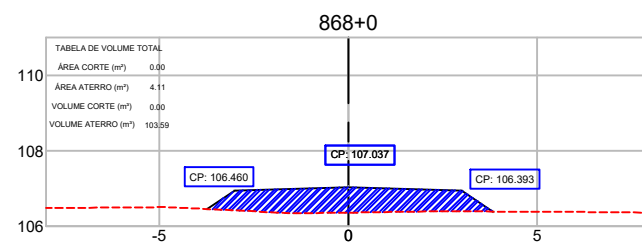
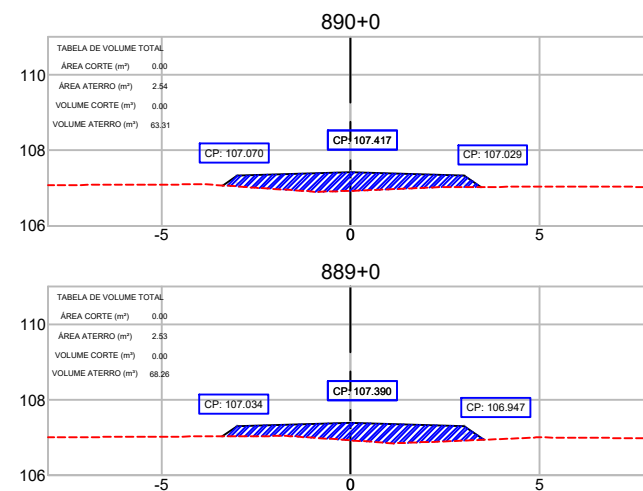
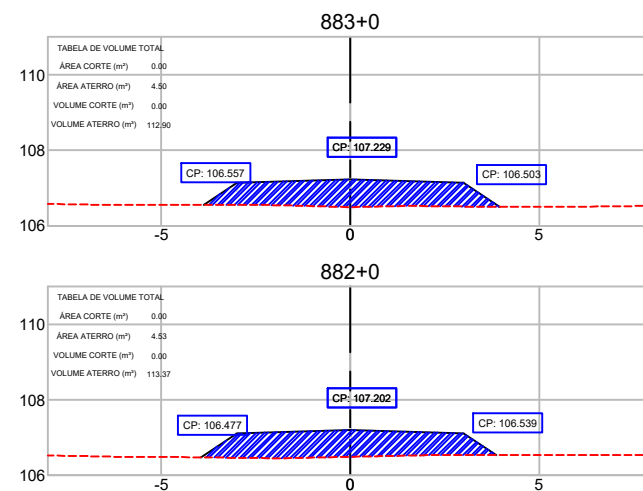
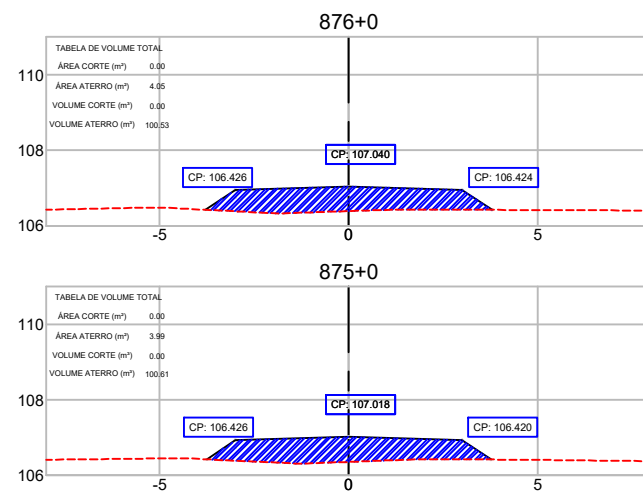
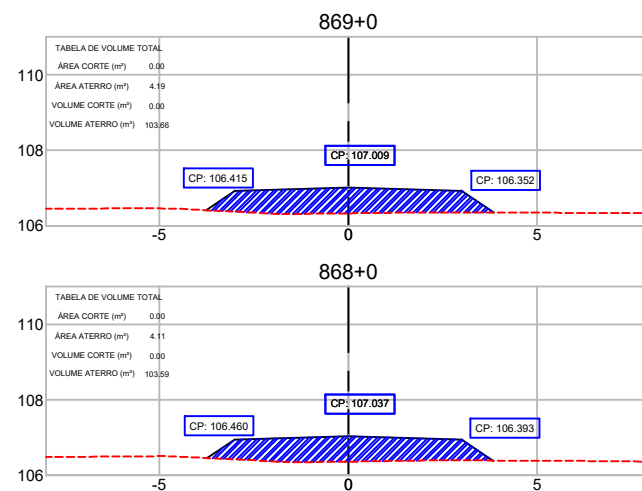
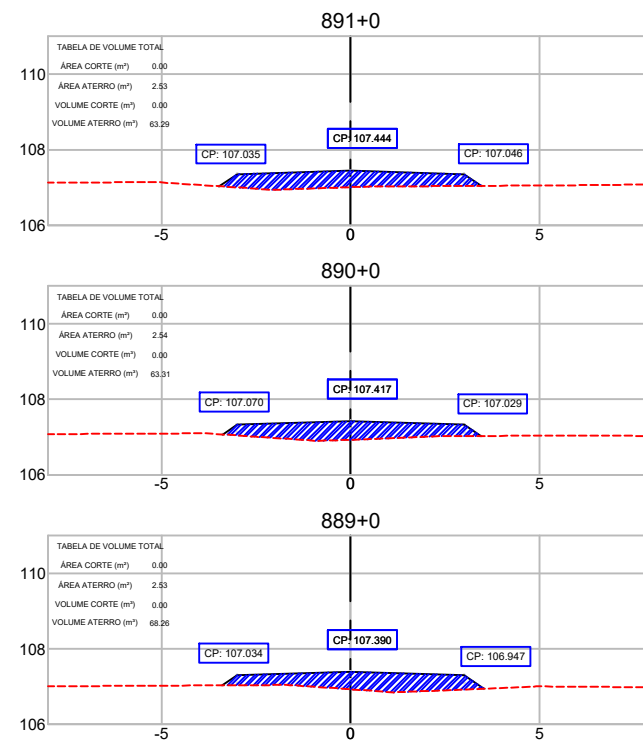
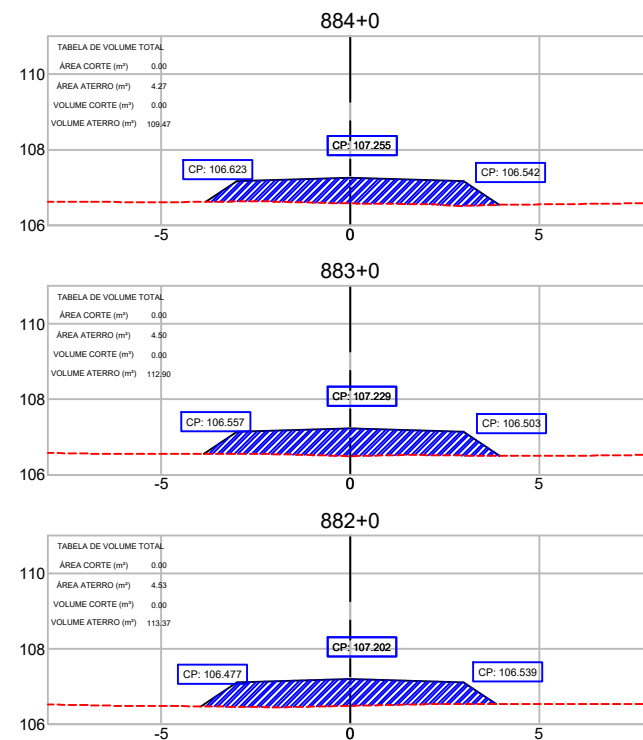
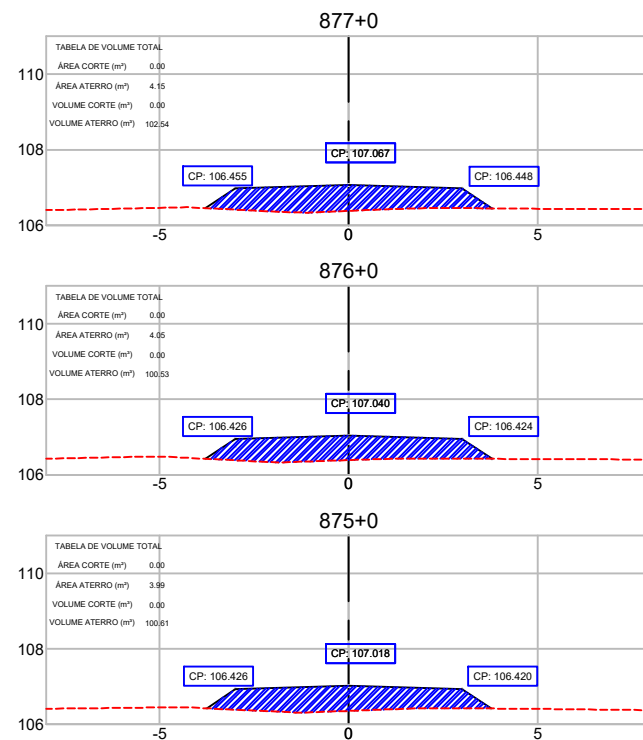
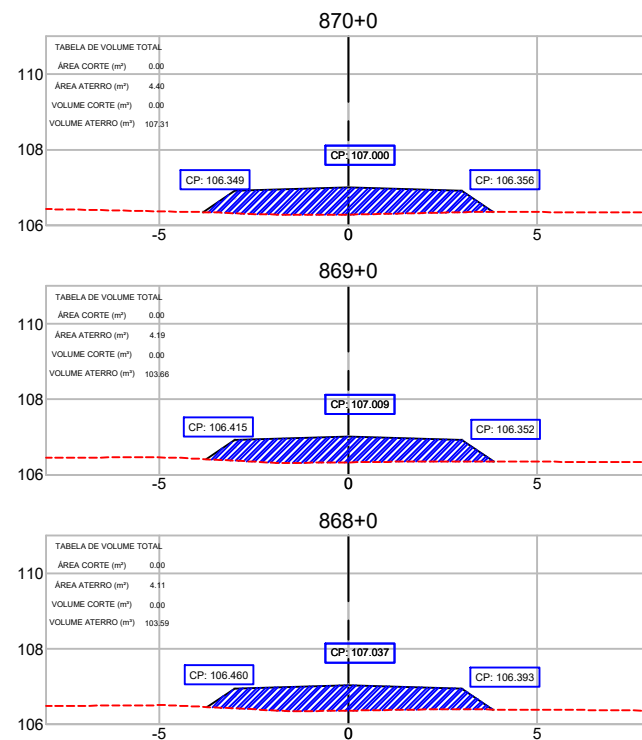
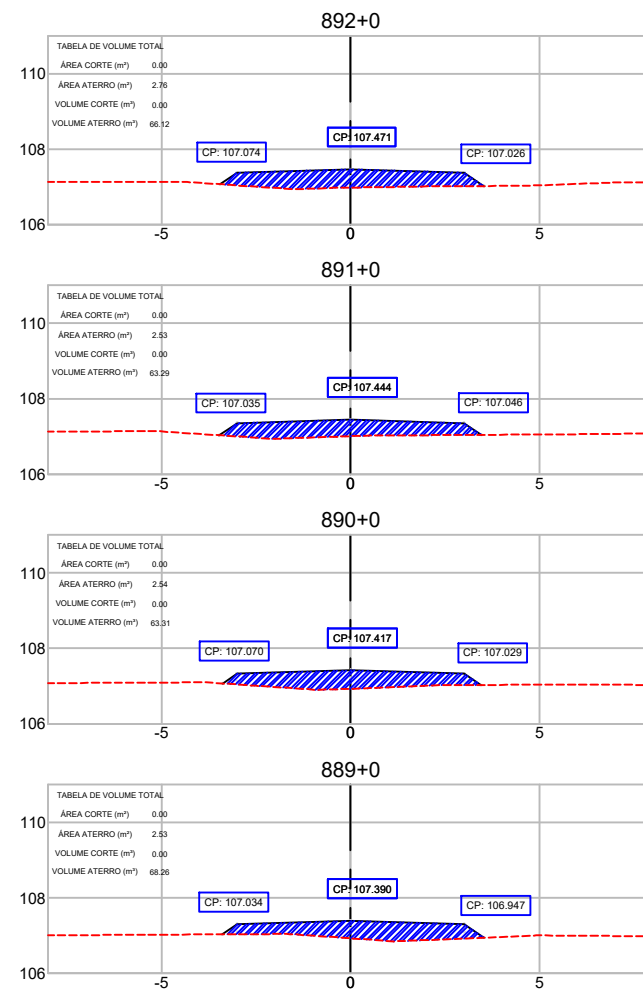
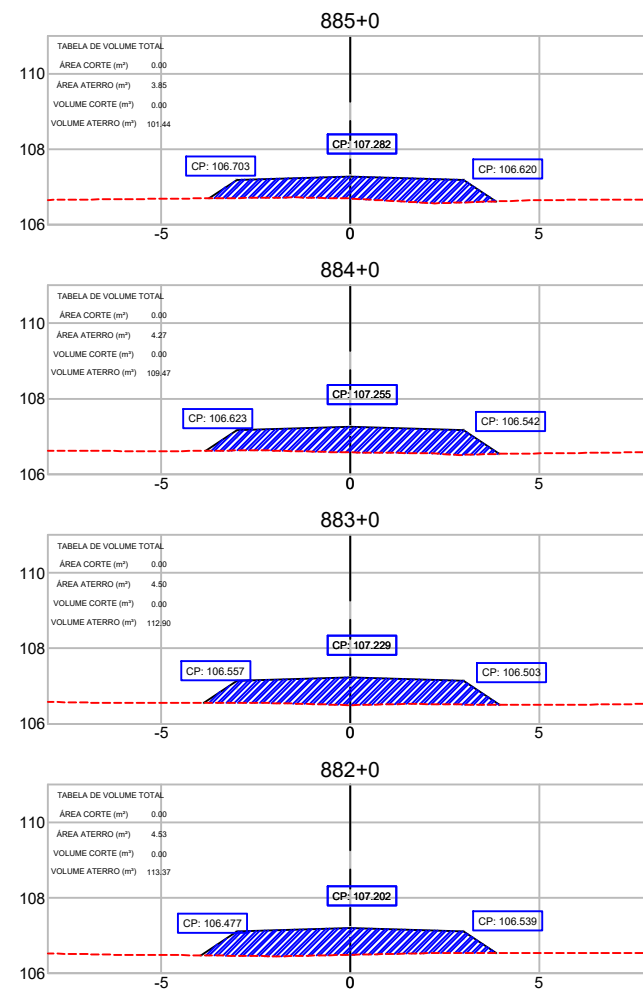
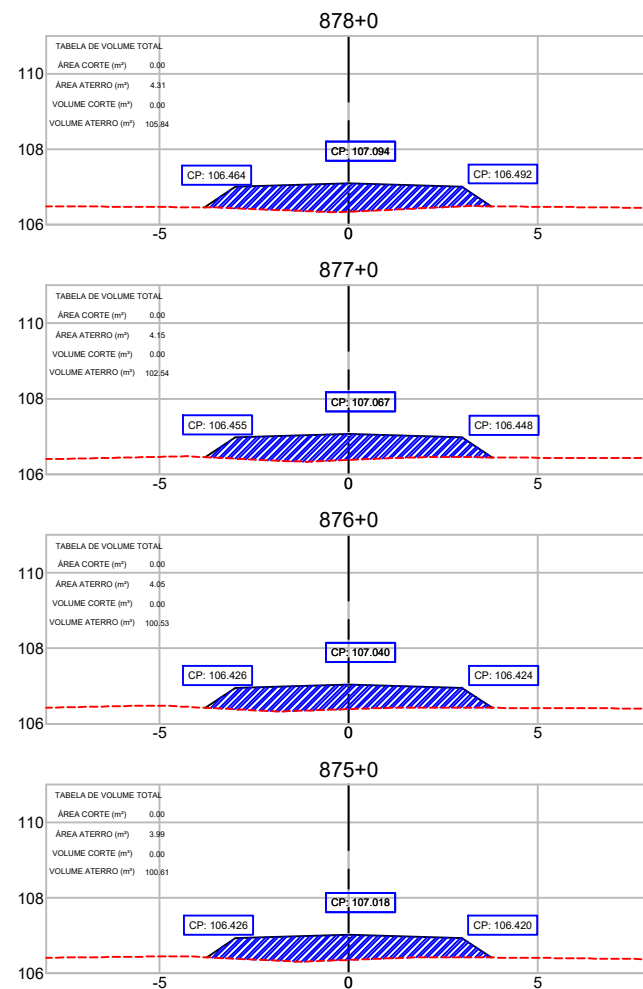
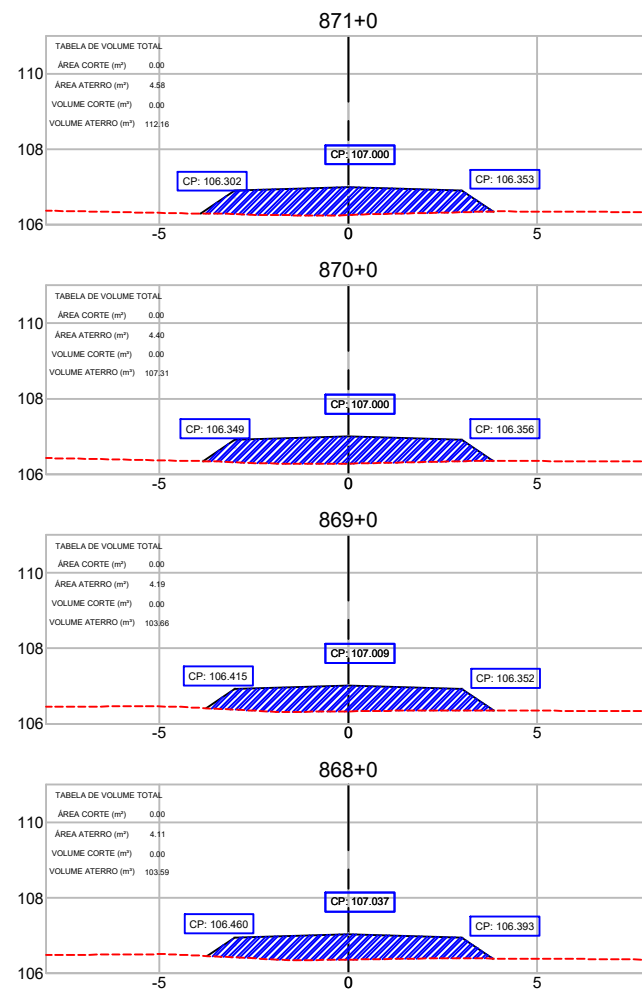
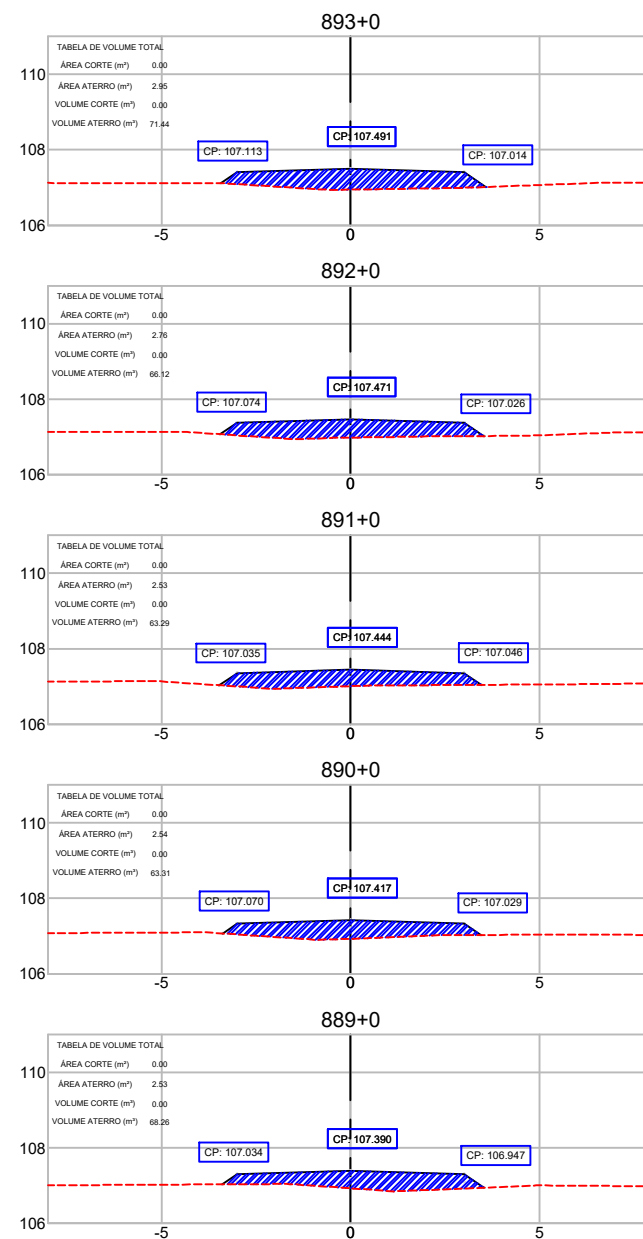
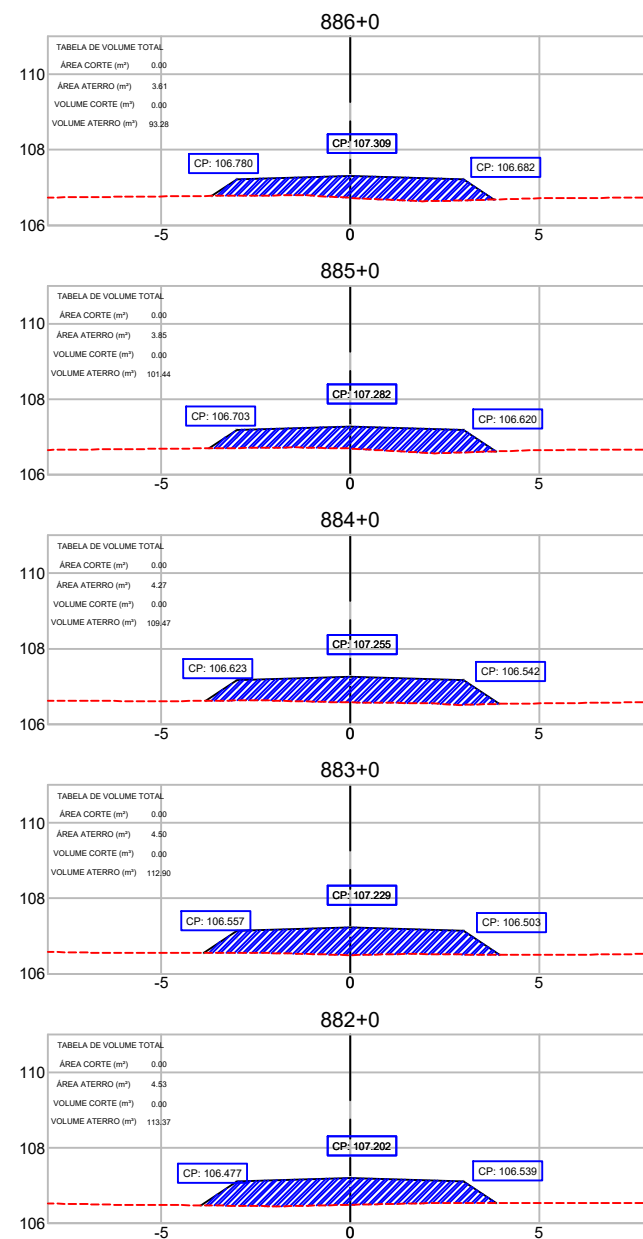
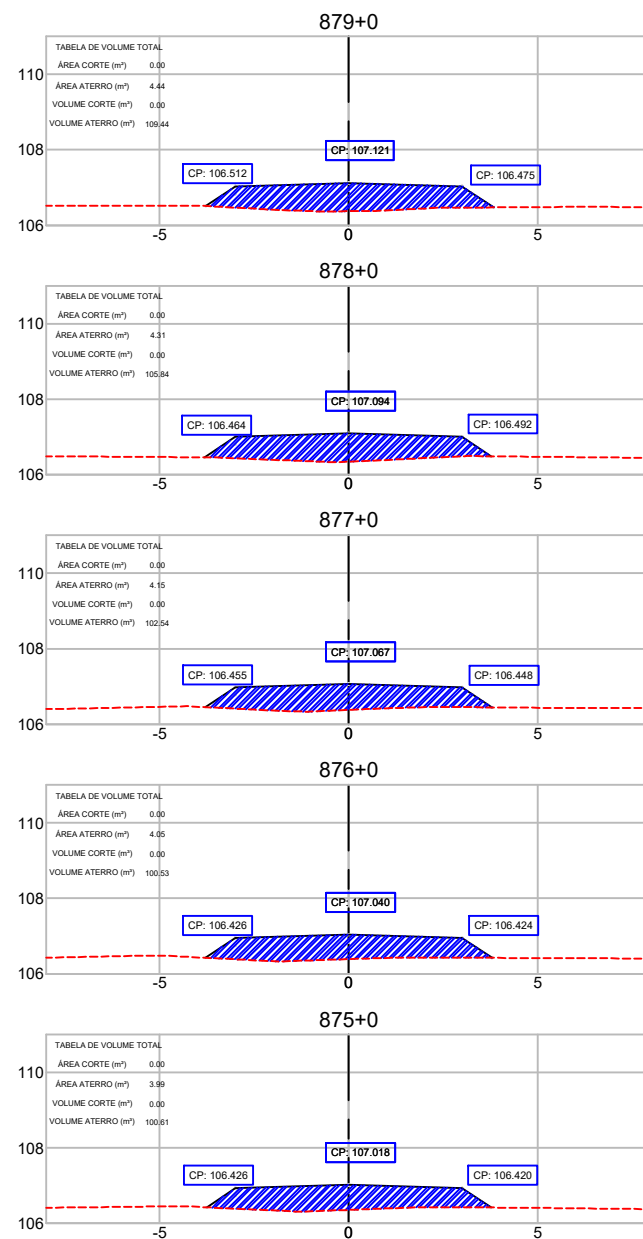
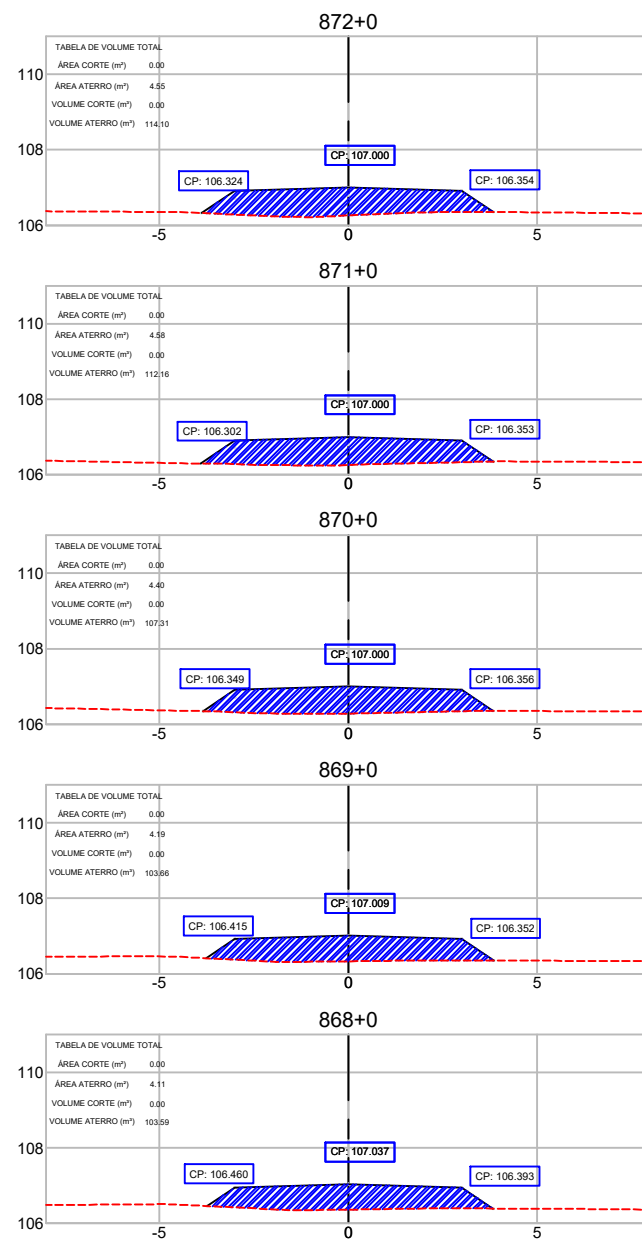
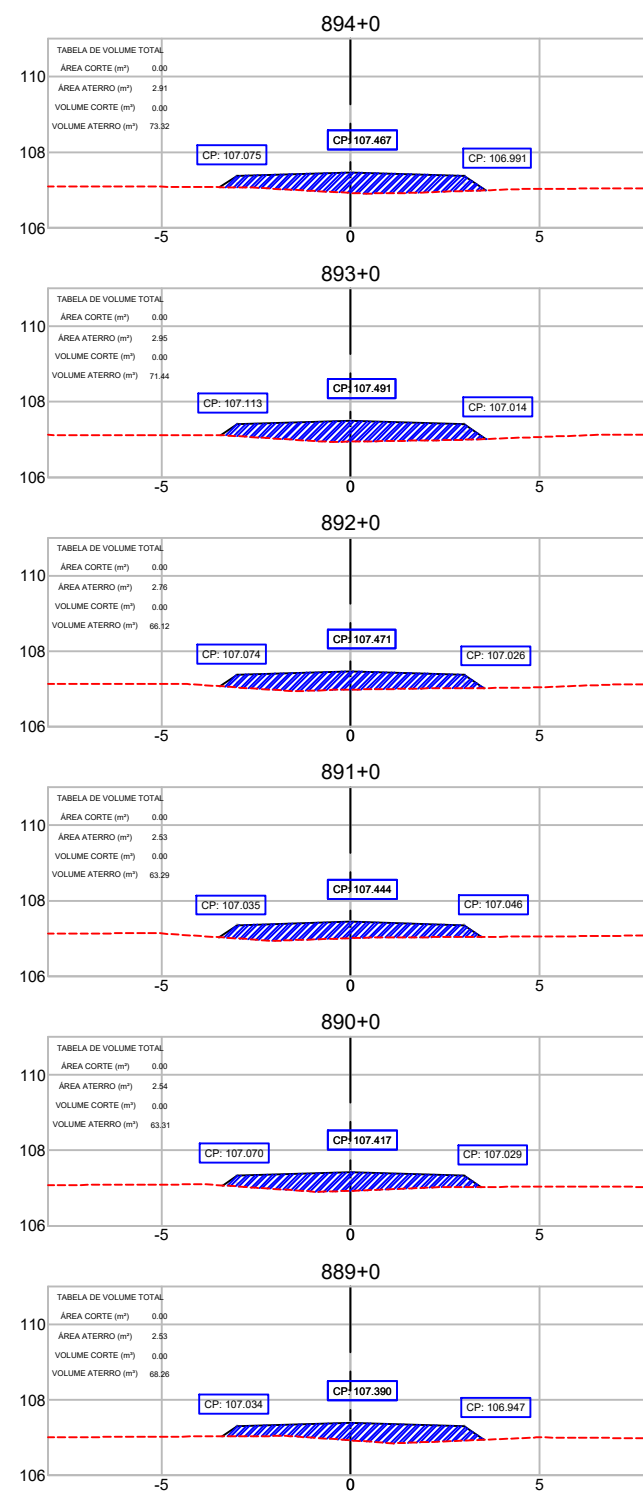
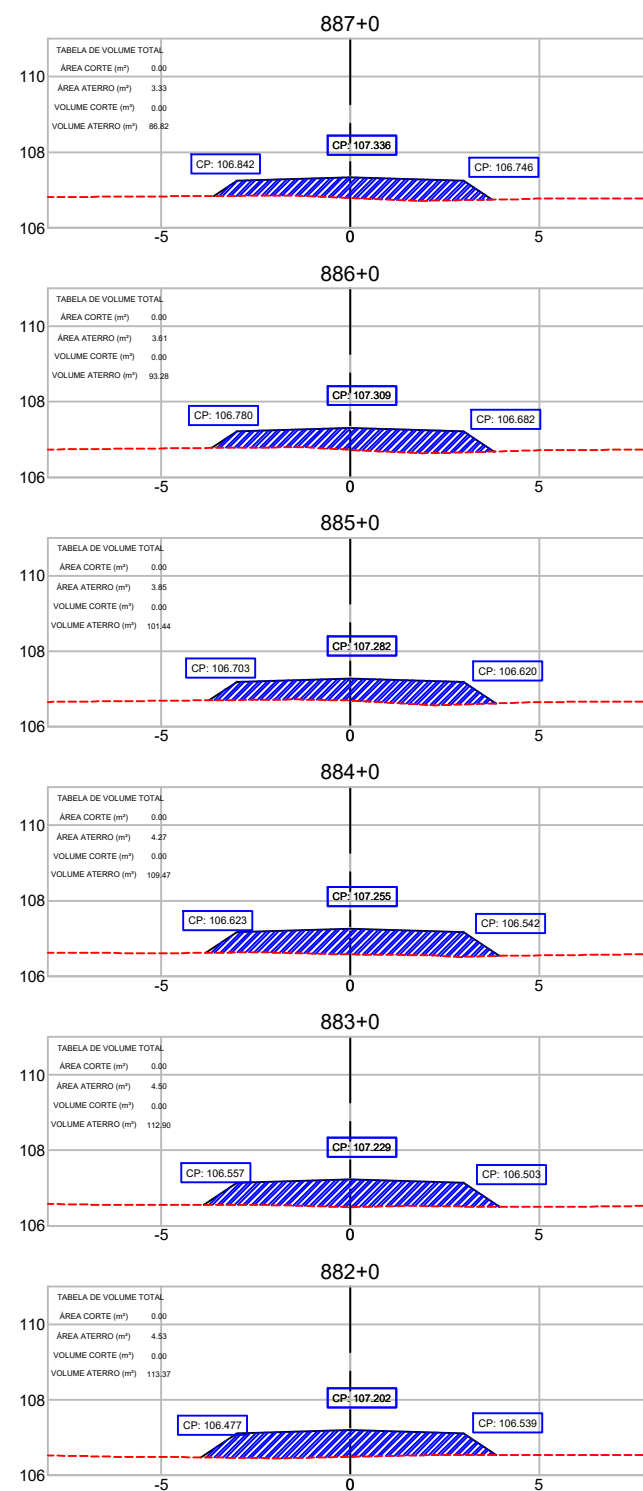
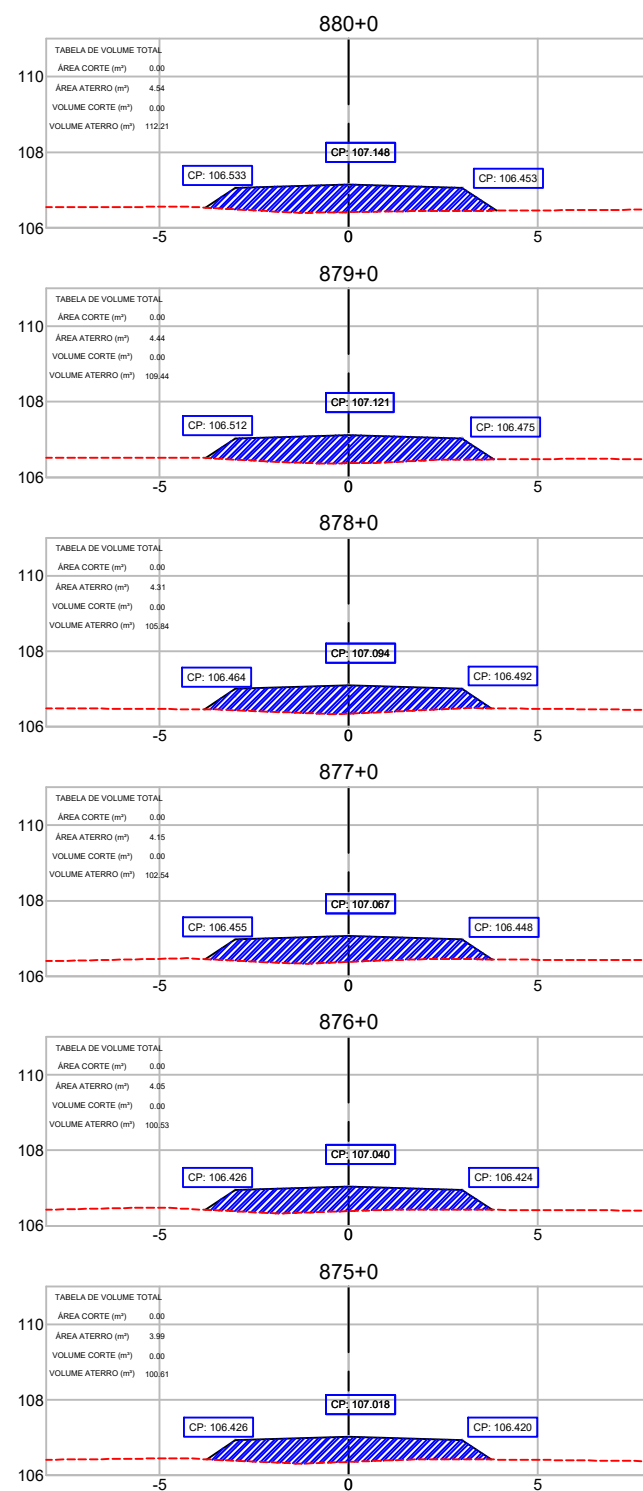
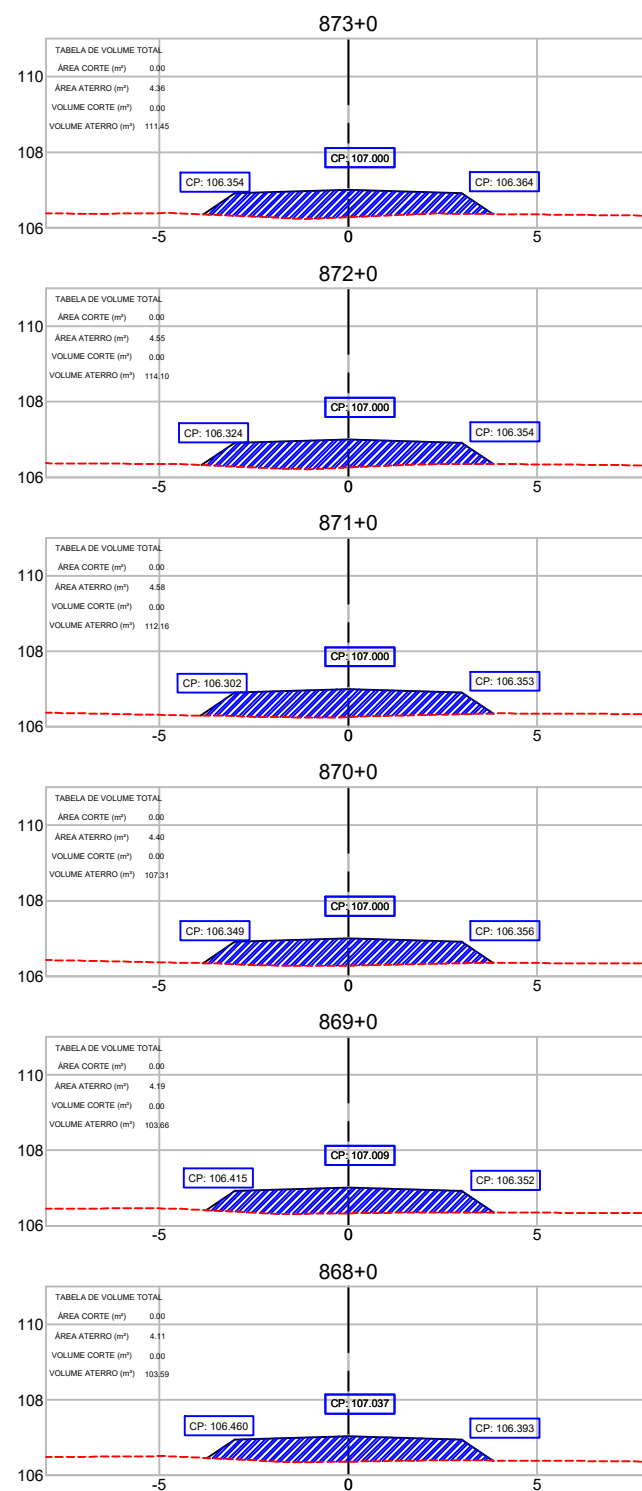
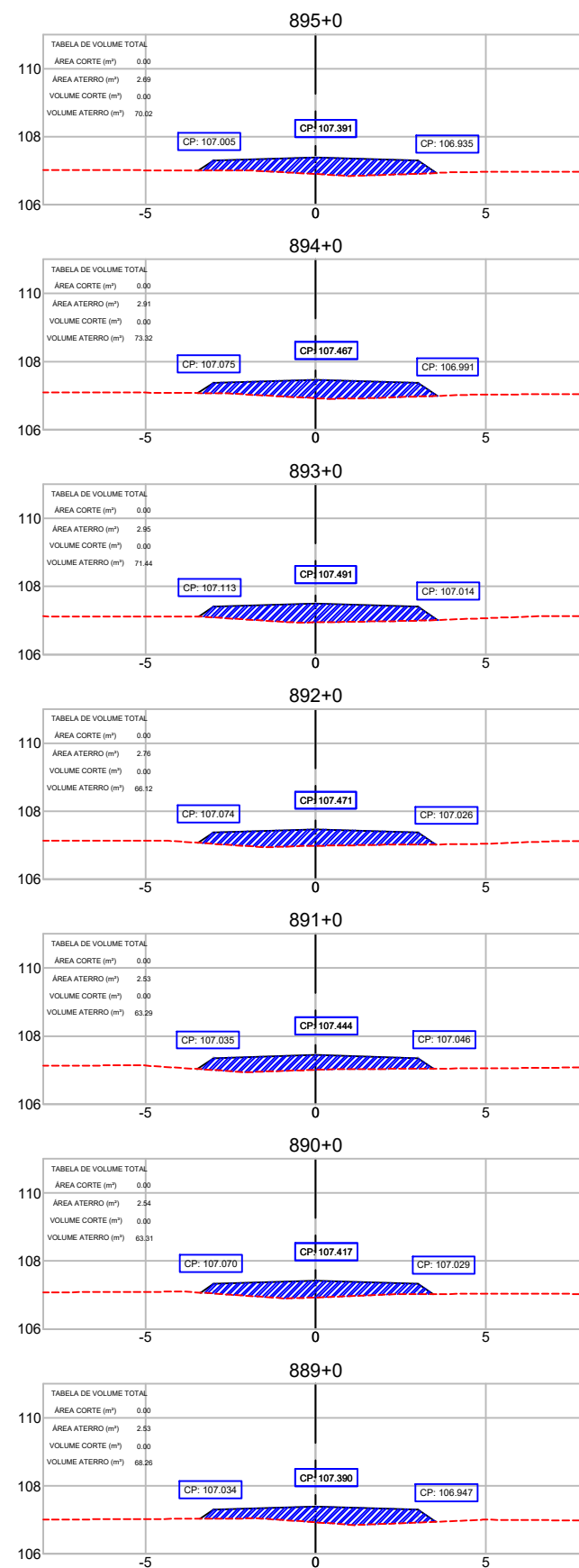
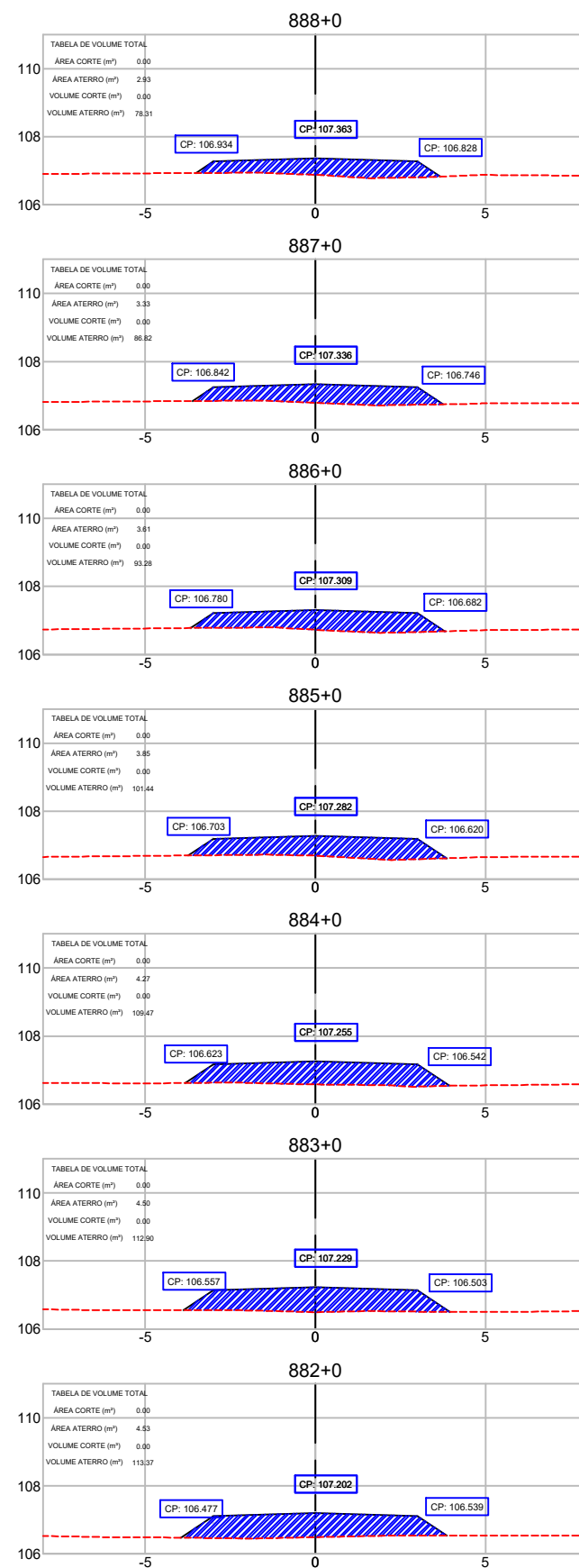
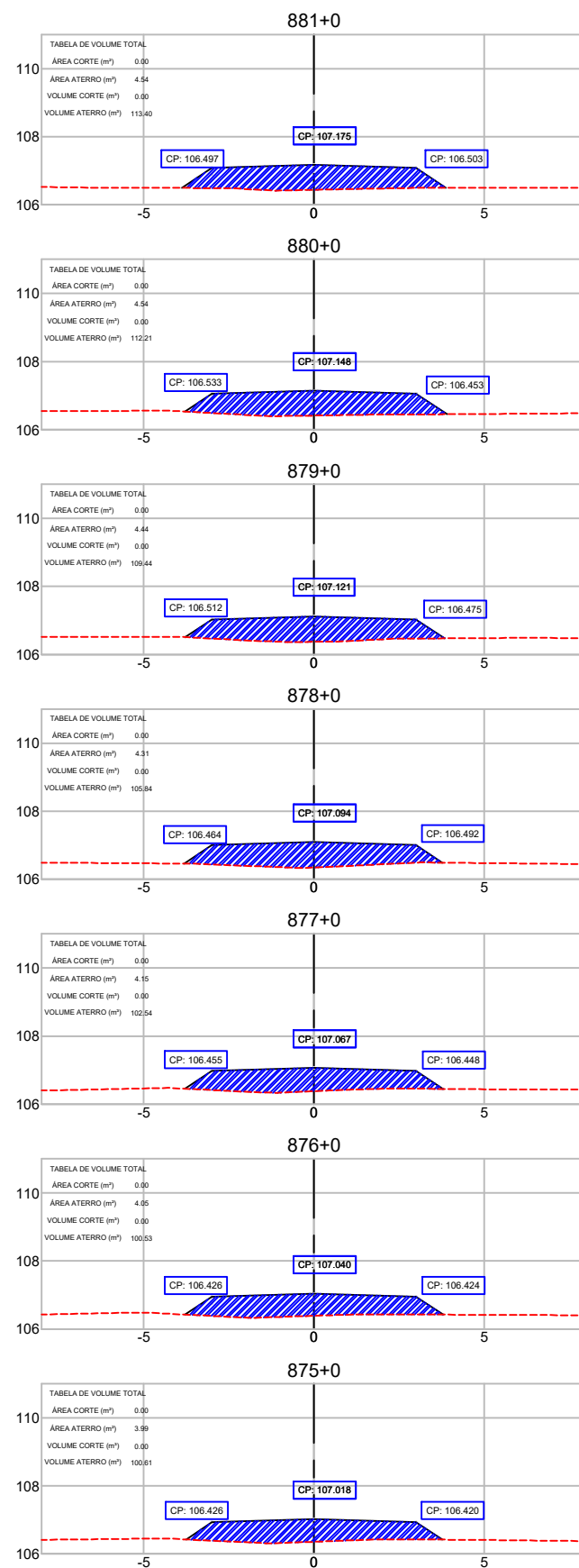
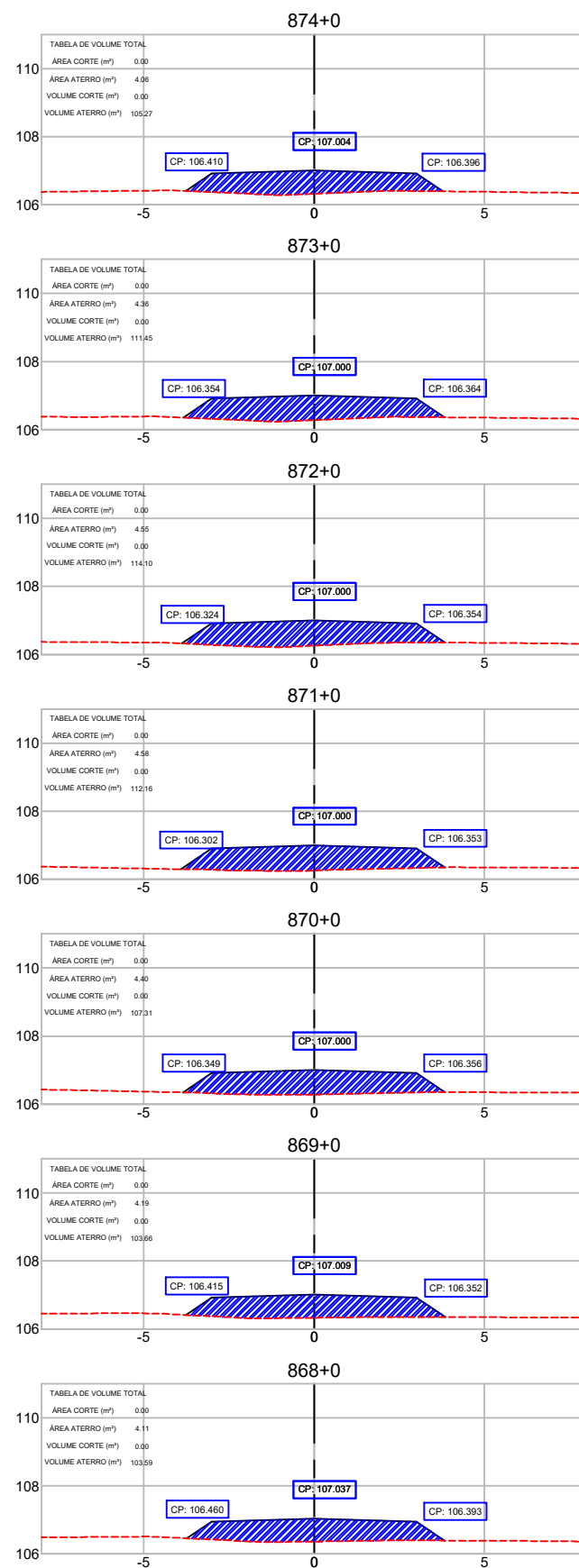
CONVENI:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	30/40	
CONCEDENTE:				B:
LOCAL:				C:
OBRA:				D:
Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				E:
AUTOR:				F:
PREFEITO MUNICIPAL				G:
SEMPLE:				H:
COORDENADAS:				
LATITUDE: 3°37'16.43"N				DATA: 01/06/2025
LONGITUDE: 59°58'33.96"W				DIM: METRO
ESCALA: 1/1000				



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE METÁLICO					
MURO QUILOMÉTRICO	ESTACIÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

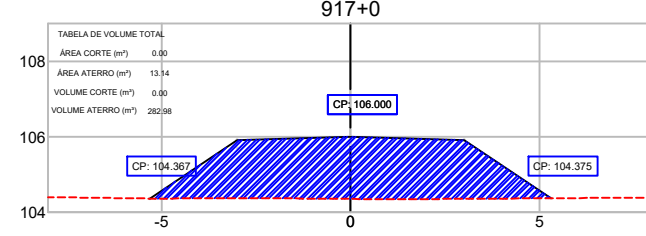
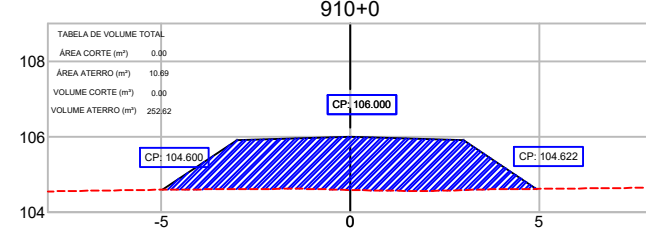
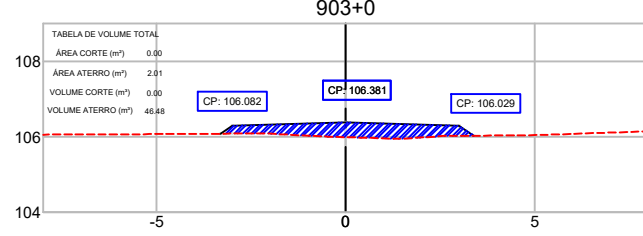
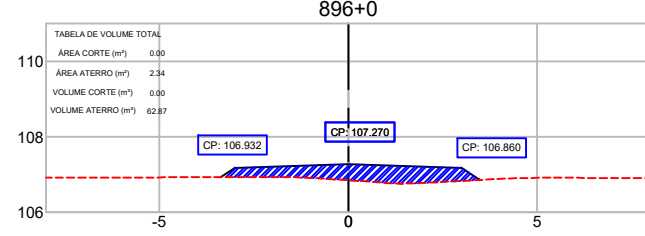
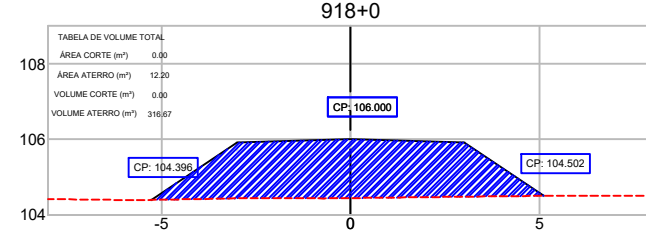
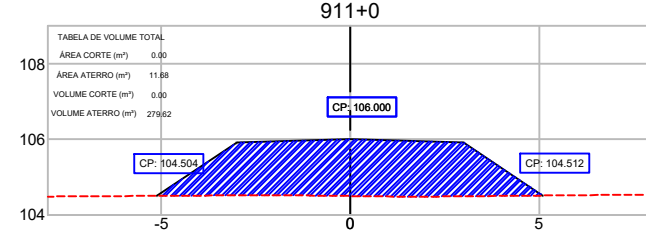
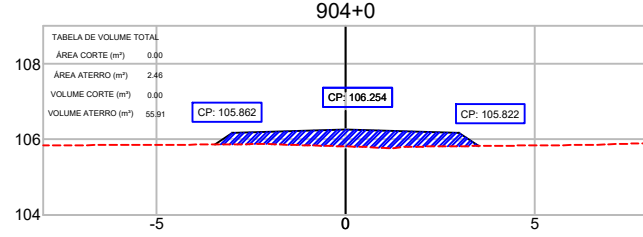
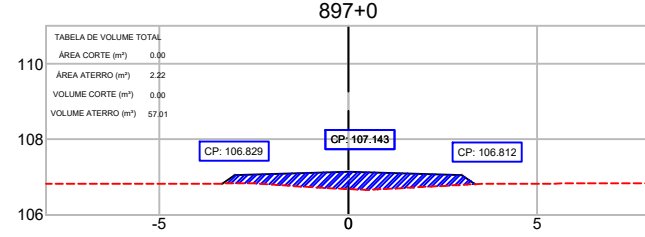
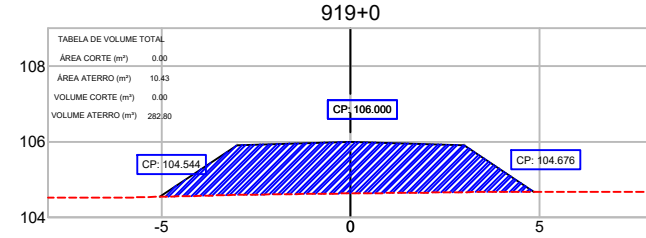
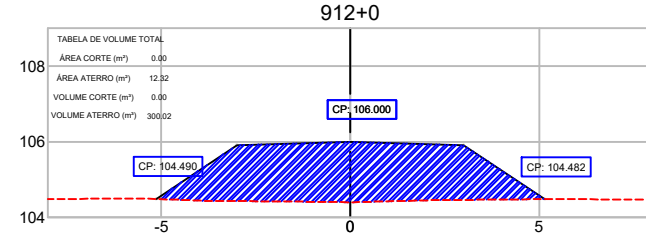
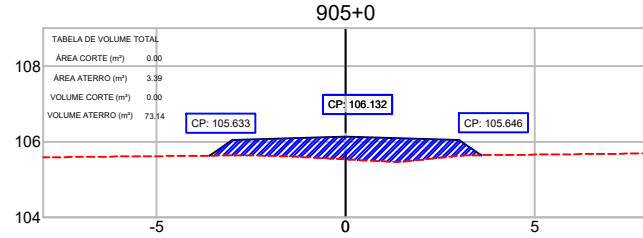
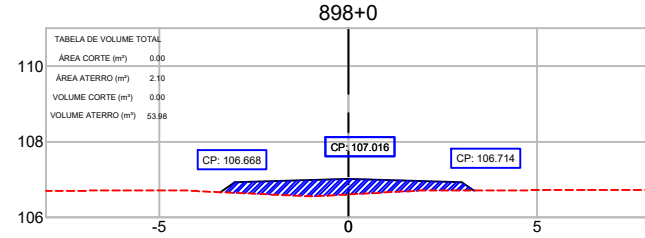
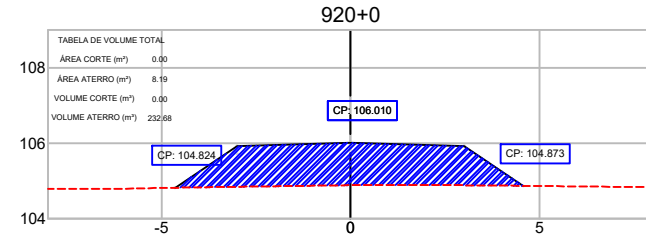
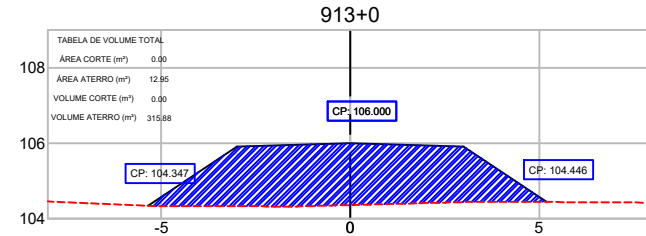
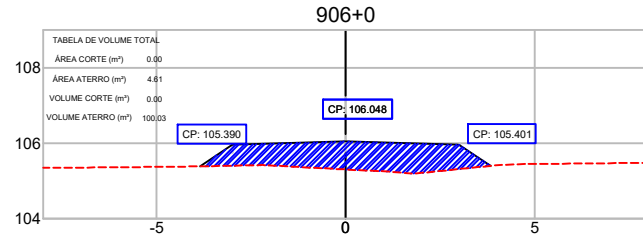
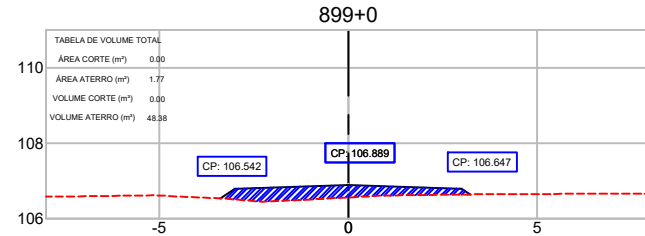
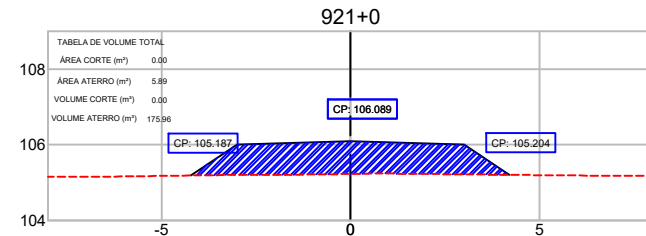
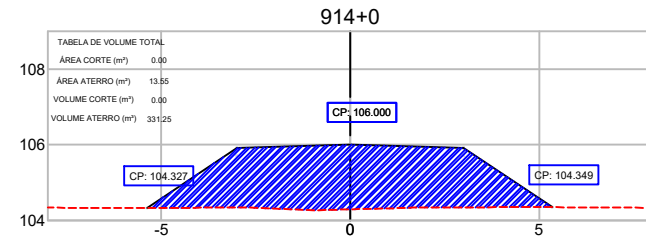
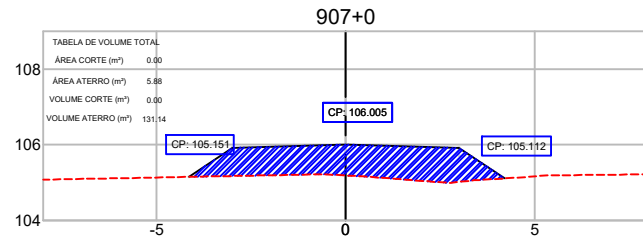
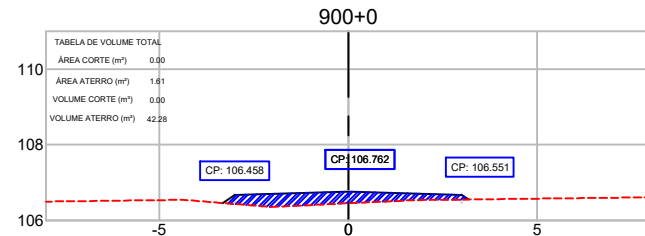
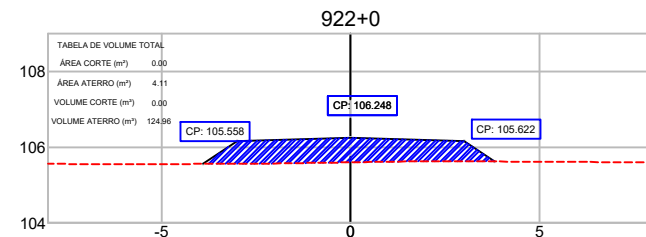
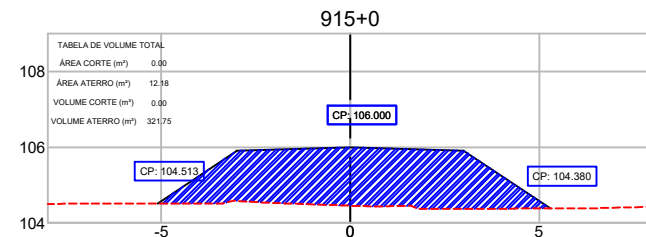
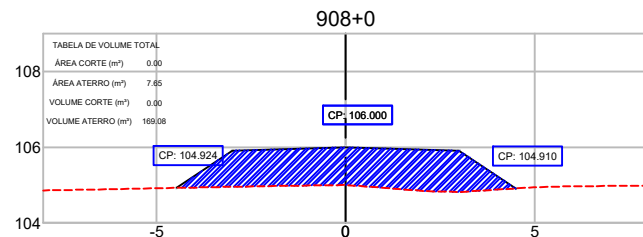
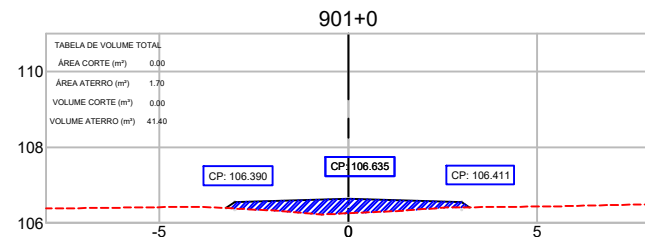
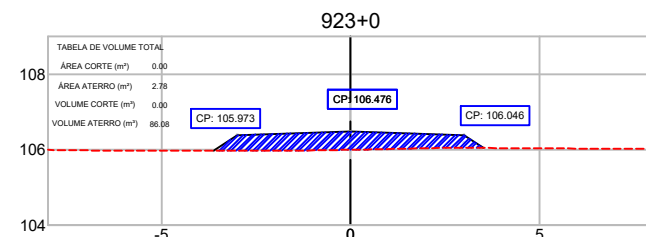
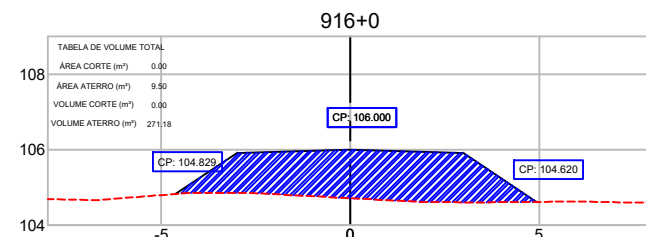
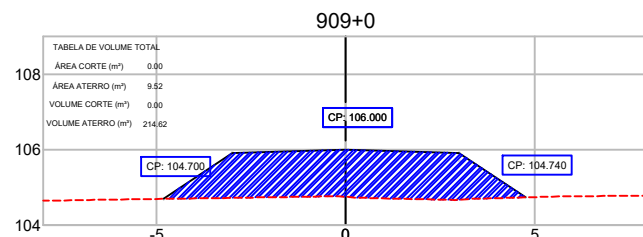
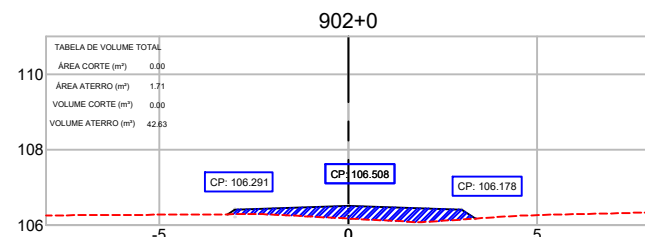
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PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	31/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
TRECHO: KM 0,00 - KM 23,376 ESTACA: 0+0,000 ATE 118+16				
AUTOR:	COORDENADAS:		DATA:	
PREFEITO MUNICIPAL	LATITUDE: 7°37'16.43"N LONGITUDE: 56°58'33.96"W		01/06/2025	
SEMPLE:	DIM:		METRO	
	ESC:		1/1000	



REFERÊNCIA CARTOGRÁFICA				
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983				
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.
1º	EDICÃO			
REV.	DESCRIÇÃO			

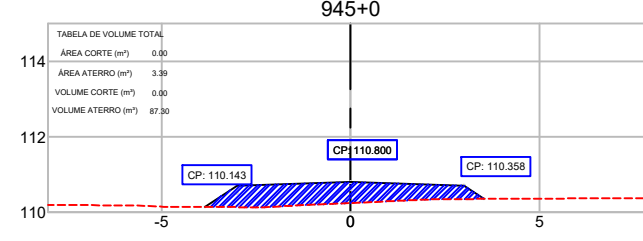
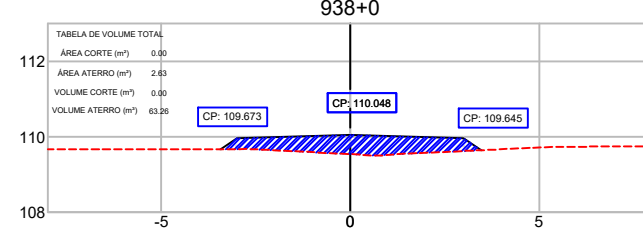
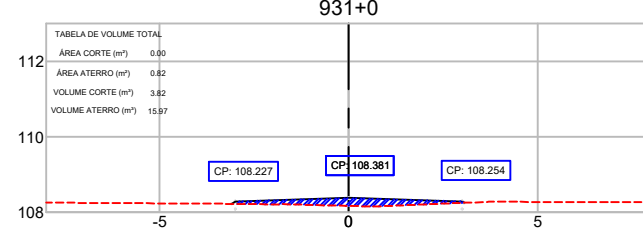
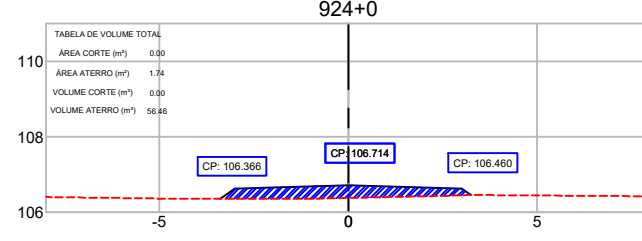
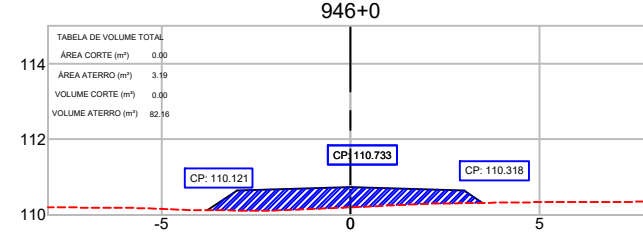
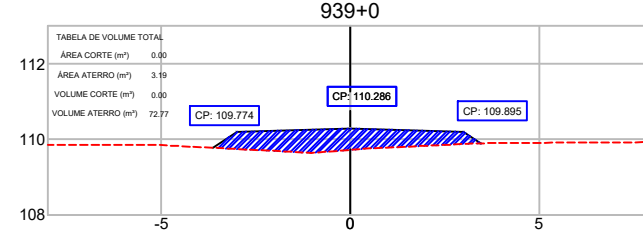
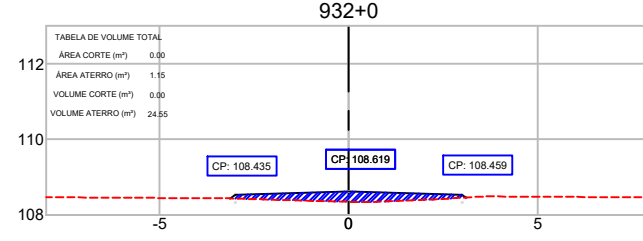
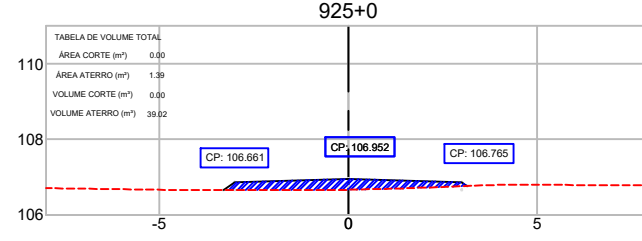
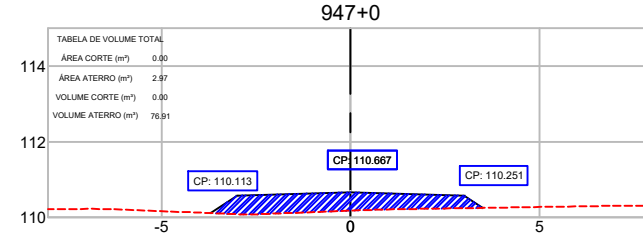
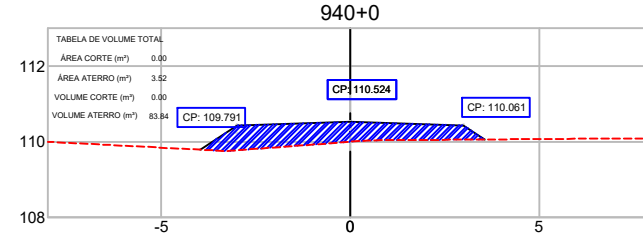
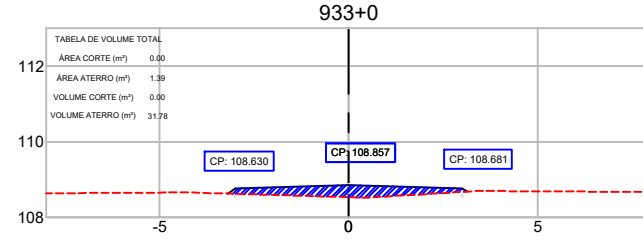
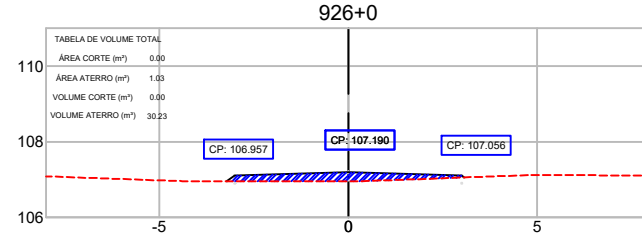
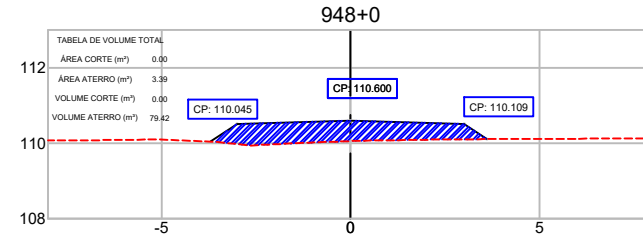
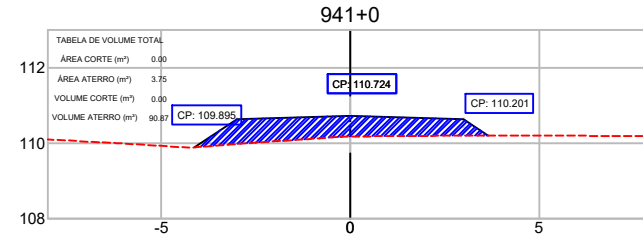
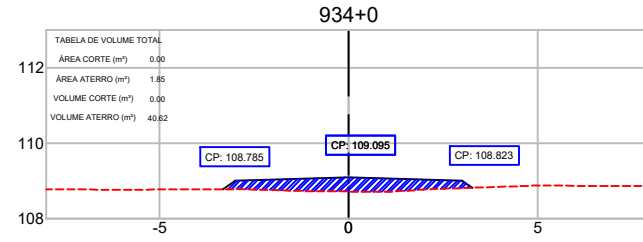
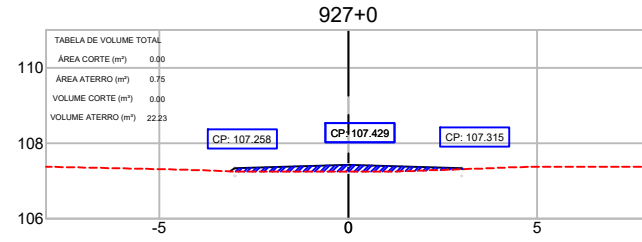
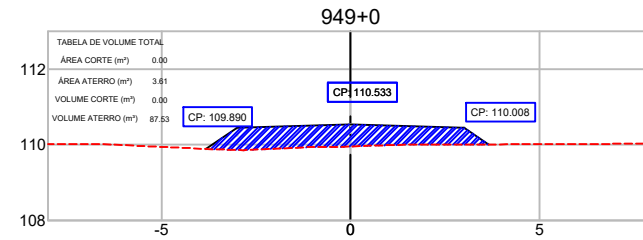
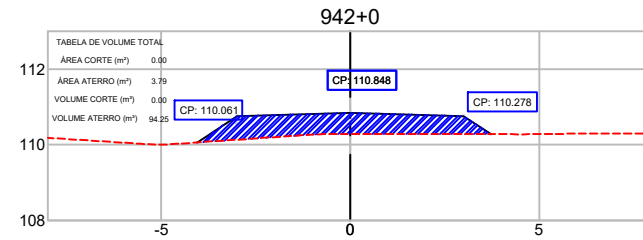
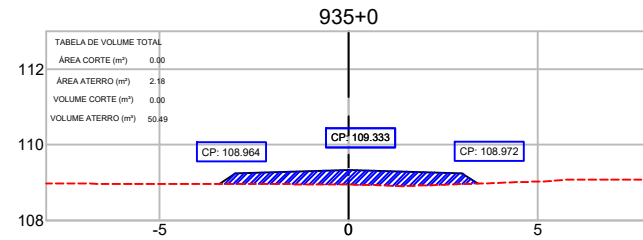
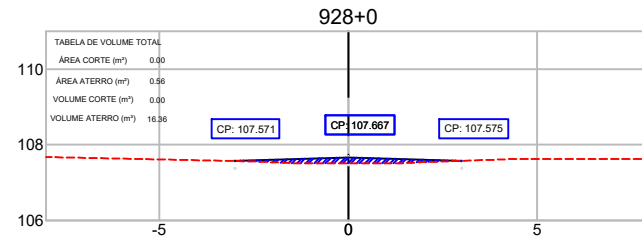
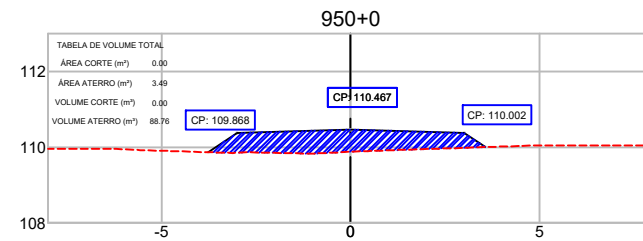
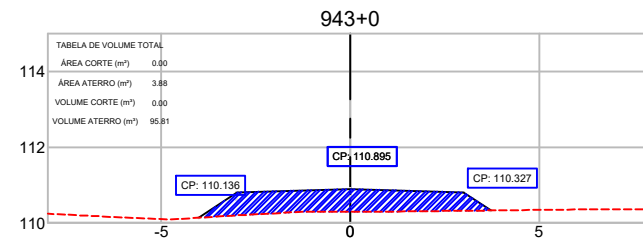
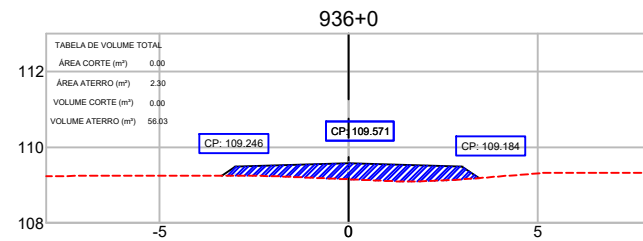
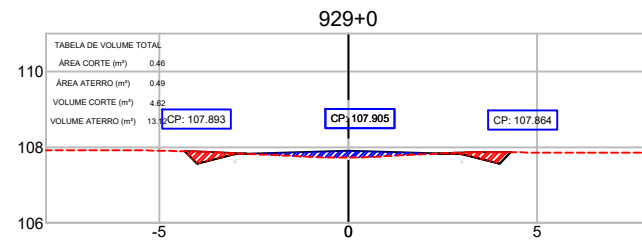
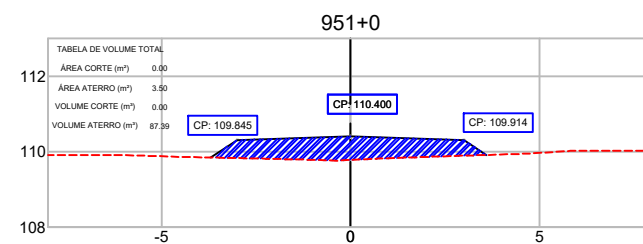
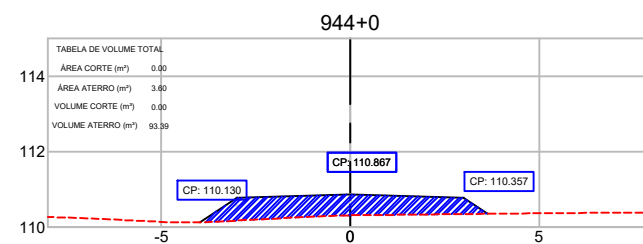
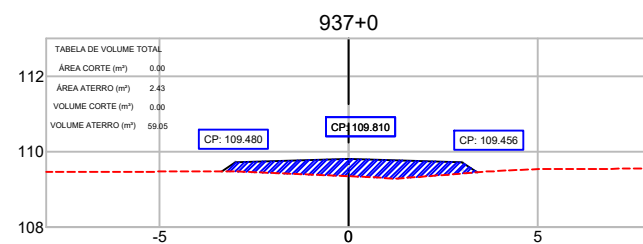
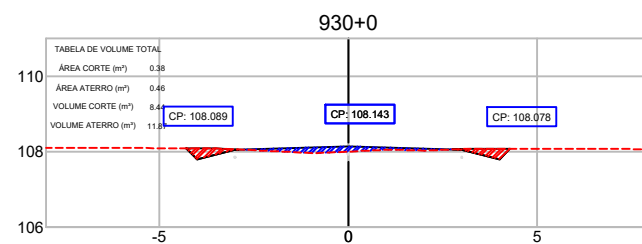
CONVENI.	ANO.	TIPO.	FOLHA.	MODIFICAÇÕES.
		PROJETO GEOMÉTRICO	32/40	
CONCEDENTE:		LOCAL: VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: 3°37'16.43"N DATA: 01/06/2025		
PREFEITO MUNICIPAL		DIM: METRO		
SEMPLA:		ESC: 1/1000		



CONVENÇÕES TOPOGRÁFICAS											

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART.DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

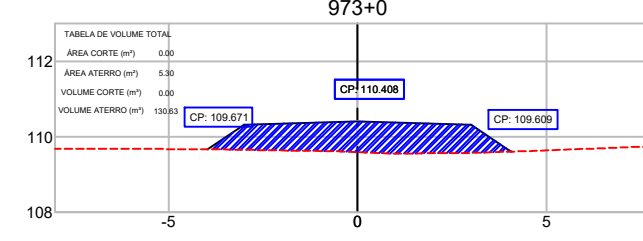
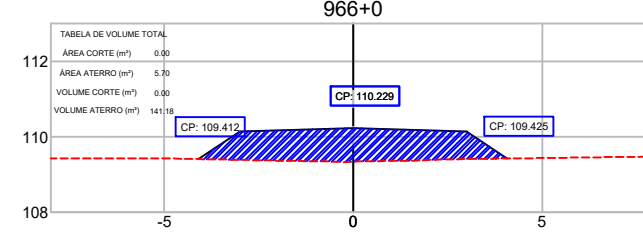
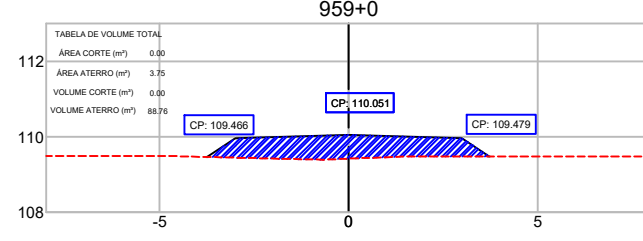
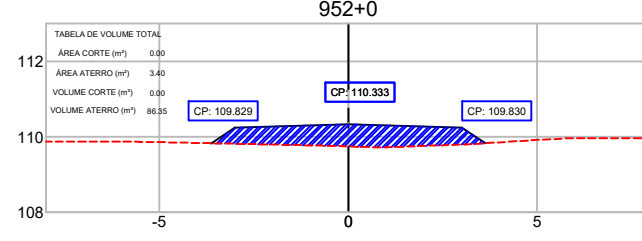
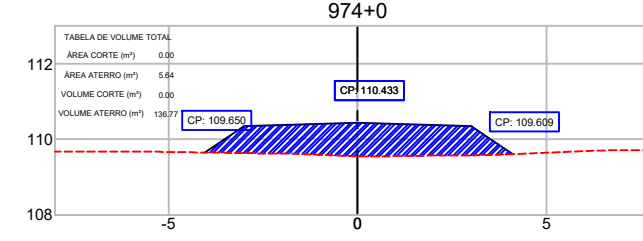
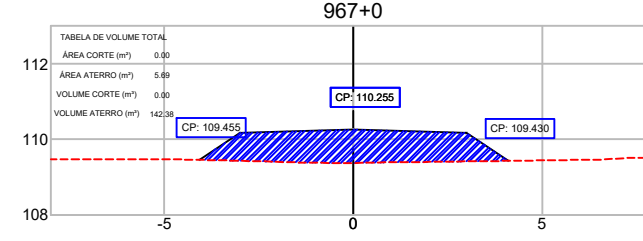
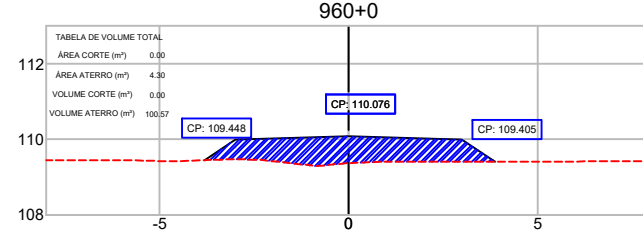
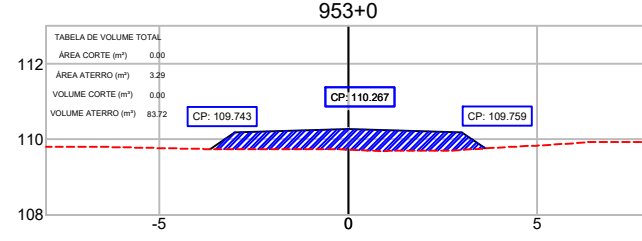
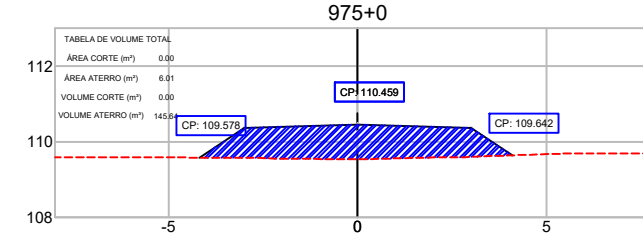
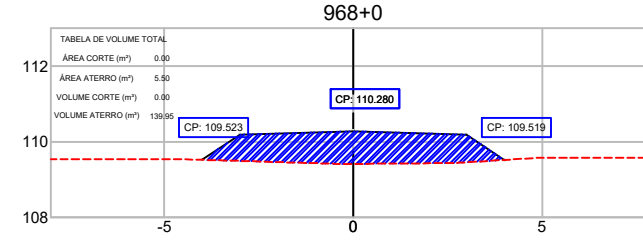
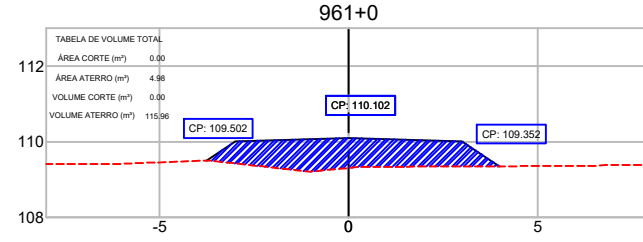
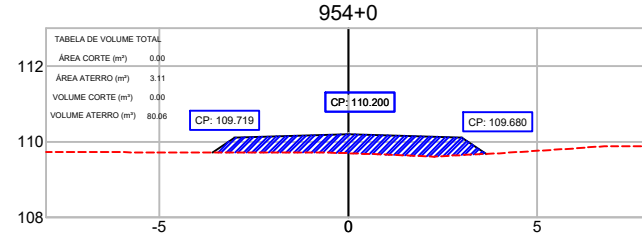
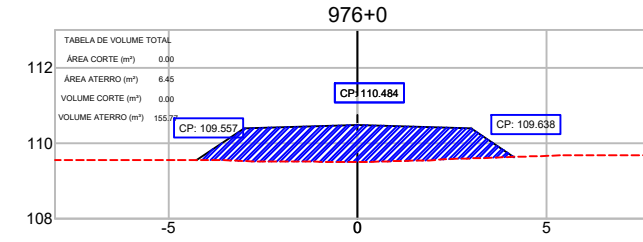
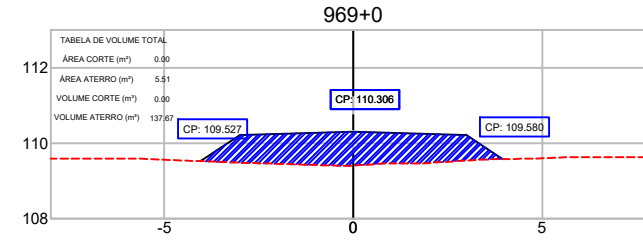
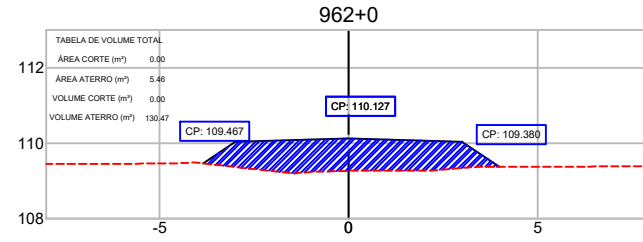
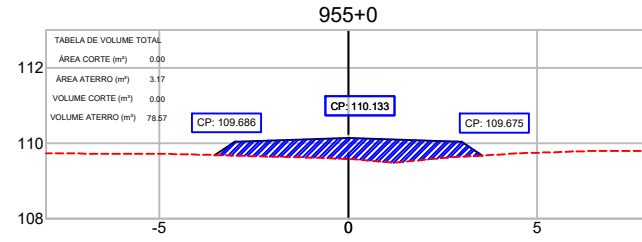
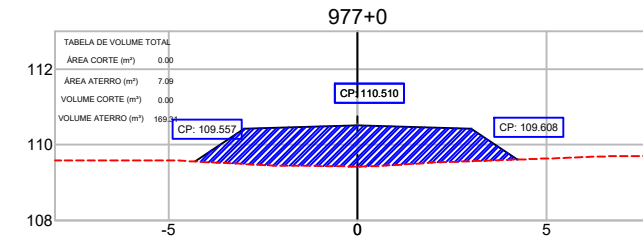
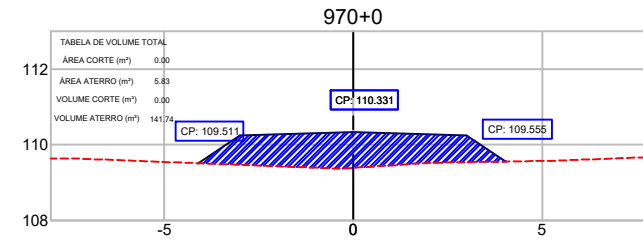
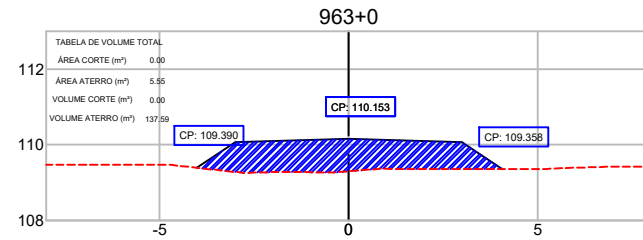
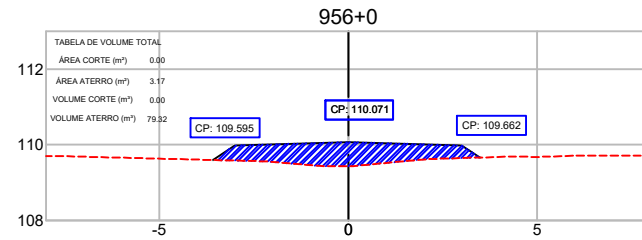
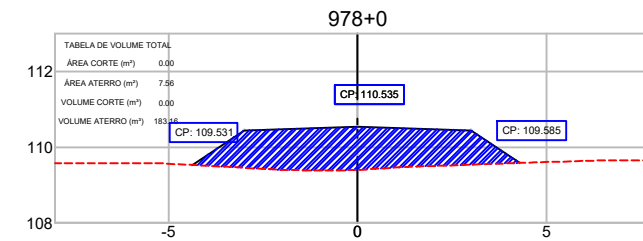
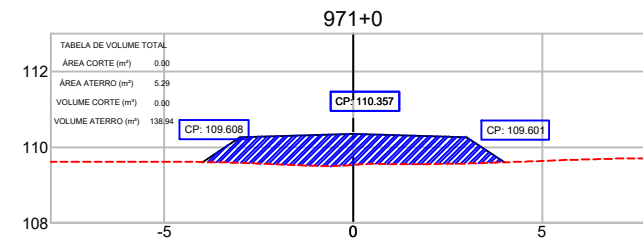
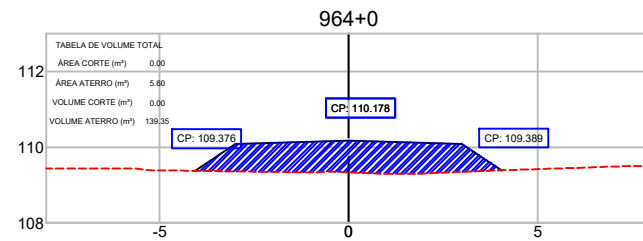
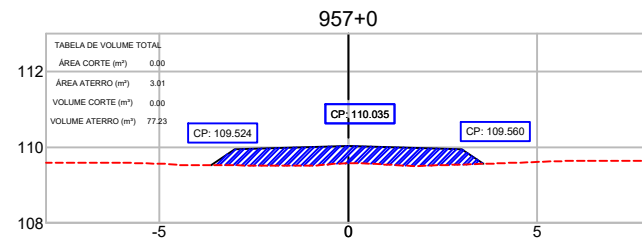
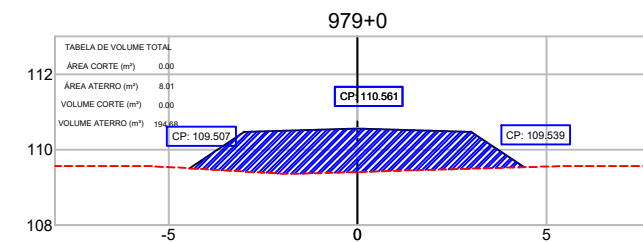
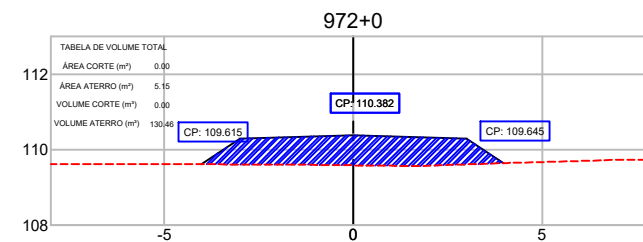
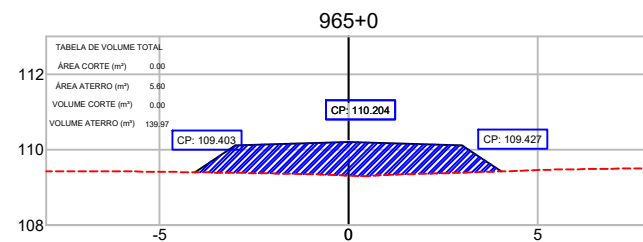
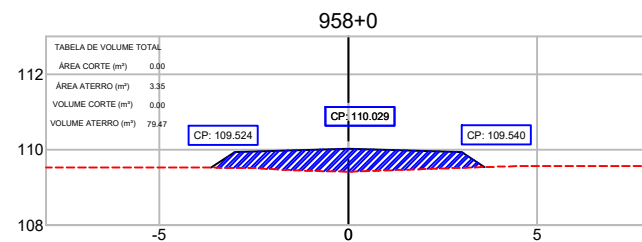
CONVENI:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	33/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				
TRECHO: KM 0,00 - KM 23,376 ESTACA: 0+0,000 ATE 1+18+16				
AUTOR:	COORDENADAS:		DATA:	
PREFEITO MUNICIPAL	LATITUDE: 7°37'16.43"N LONGITUDE: 56°58'33.96"W		01/06/2025	
SEMPA:	DIM:		METRO	
	ESC:		1/1000	



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO	ENERGIA ELÉTRICA	ALINHAMENTO	POSTE METÁLICO	POSTE COMUM	POSTE METÁLICO
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE COMUM	ALINHAMENTO	POSTE COMUM	POSTE METÁLICO	POSTE COMUM	POSTE METÁLICO
MURO QUILÔMETRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO	ALAGADO COM VEGETAÇÃO	POSTE COMUM
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	POSTE COMUM	TORRE DE ALTA TENSÃO	LAGOA / REPRESA	POSTE COMUM	TORRE DE ALTA TENSÃO	LAGOA / REPRESA	POSTE COMUM
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL	CONST. DE LAJE	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL	POSTE COMUM

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

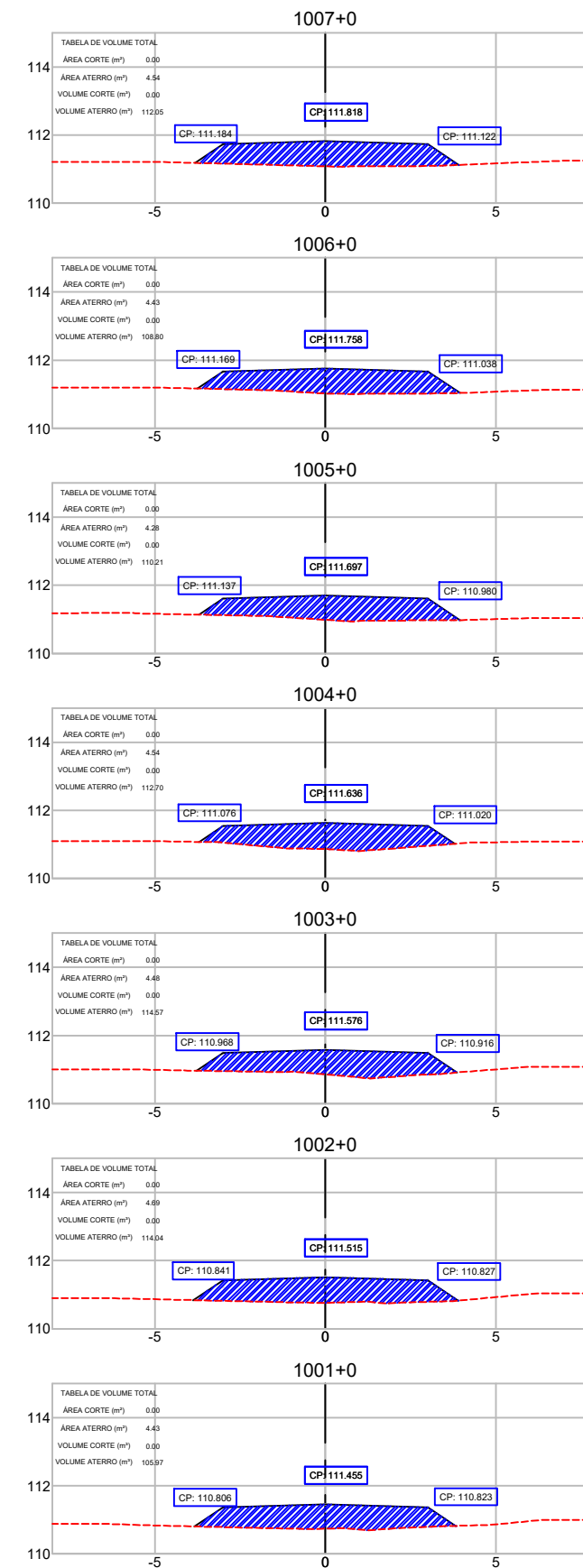
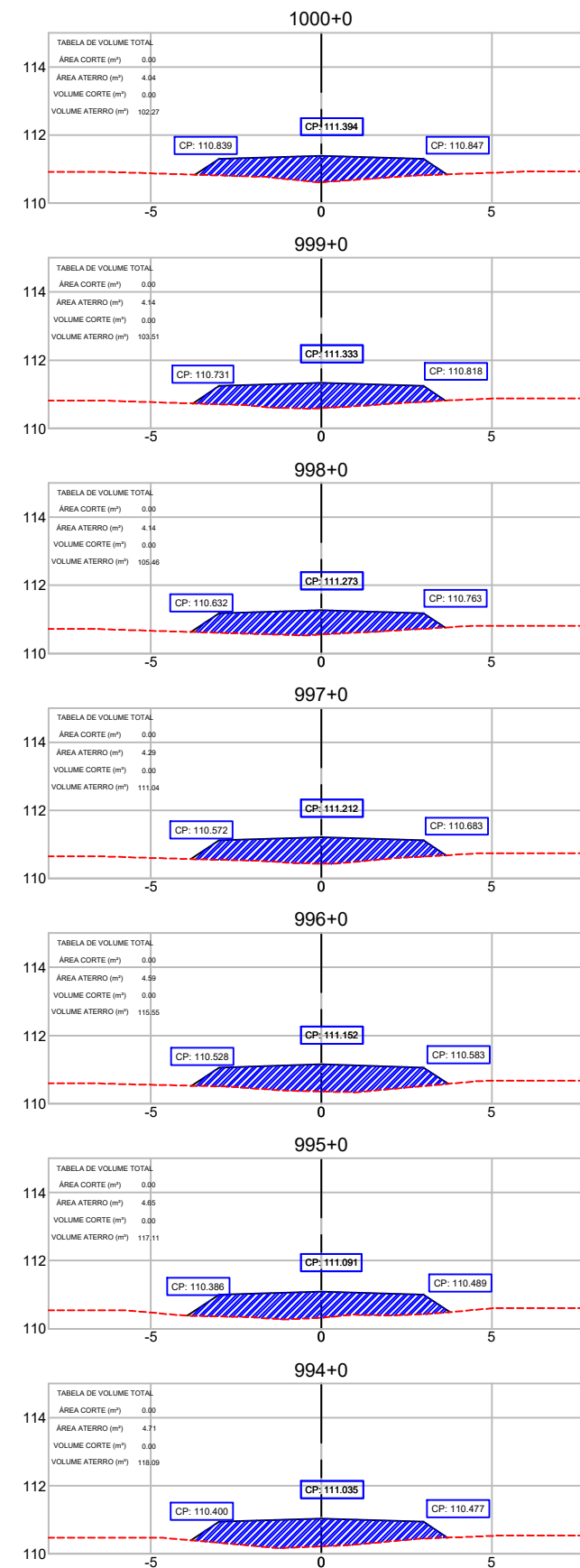
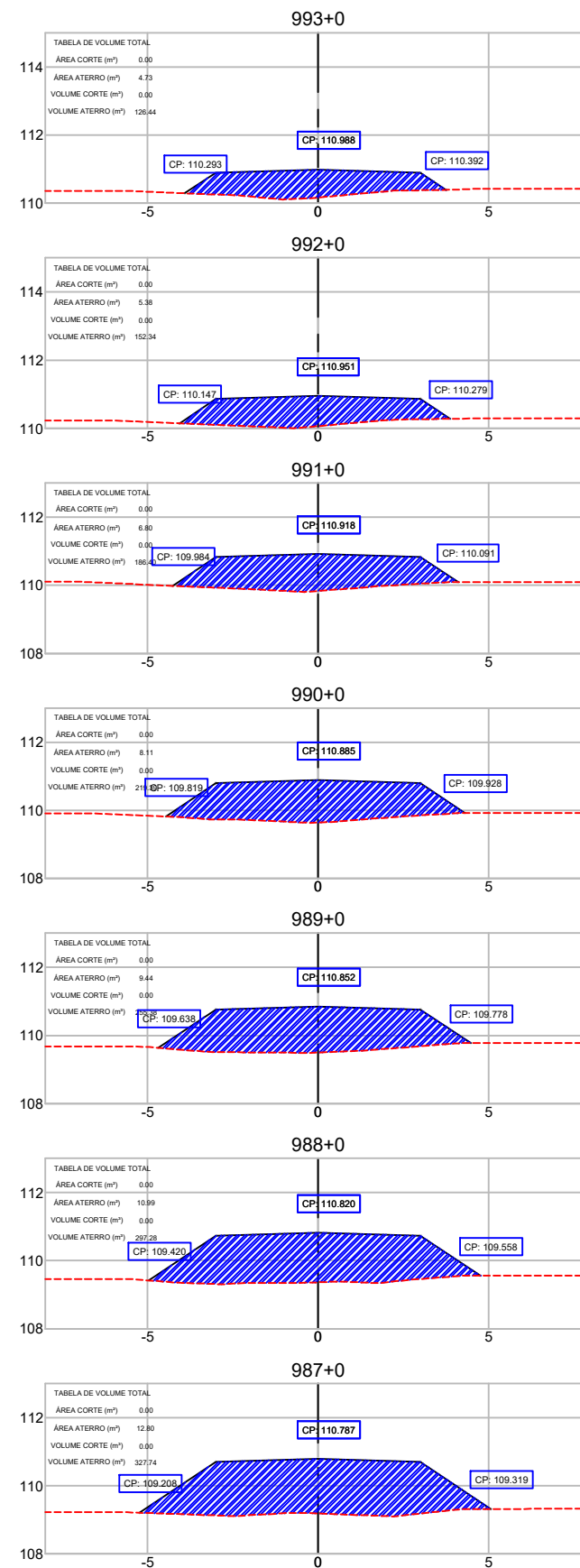
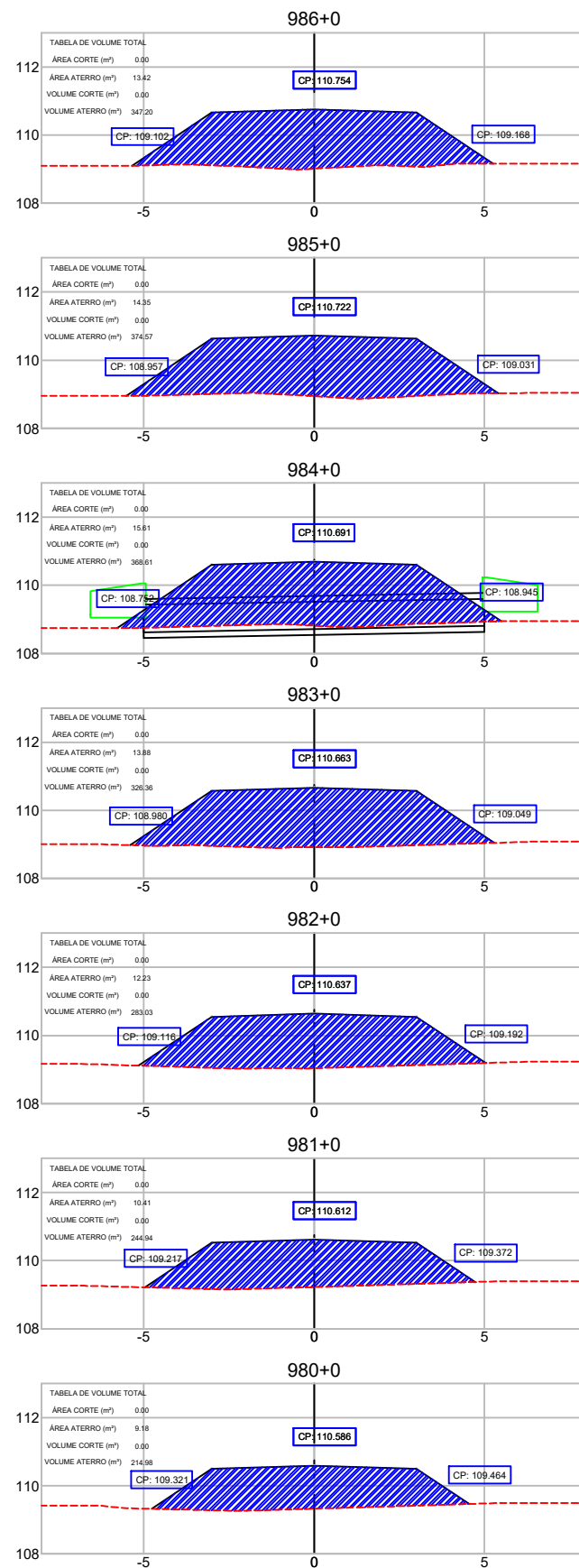
CONVENI:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	34/40	
CONCEDENTE:		LOCAL: VICINAL - RAPOSA - NOD 438		
OBRA:		Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR		
AUTOR:		COORDENADAS: LATITUDE: 3°37'16.43"N LONGITUDE: 59°58'33.96"W		
PREFEITO MUNICIPAL:		DATA: 01/06/2025		
SEMPLE:		DIM: METRO		
		ESC: 1/1000		



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE METÁLICO					
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TUNELAMENTO	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
		PROJETO GEOMÉTRICO	35/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				B:
TRECHO: KM 0,00 - KM 22,376				C:
ESTACA: 0+0,000 ATE 1+18+16				D:
AUTOR: PREFEITO MUNICIPAL				E:
COORDENADAS: LATITUDE: -7°37'16,43"N LONGITUDE: -56°58'53,96"W				F:
DATA: 01/06/2025				G:
DIM: METRO				H:
ESCALA: 1/1000				

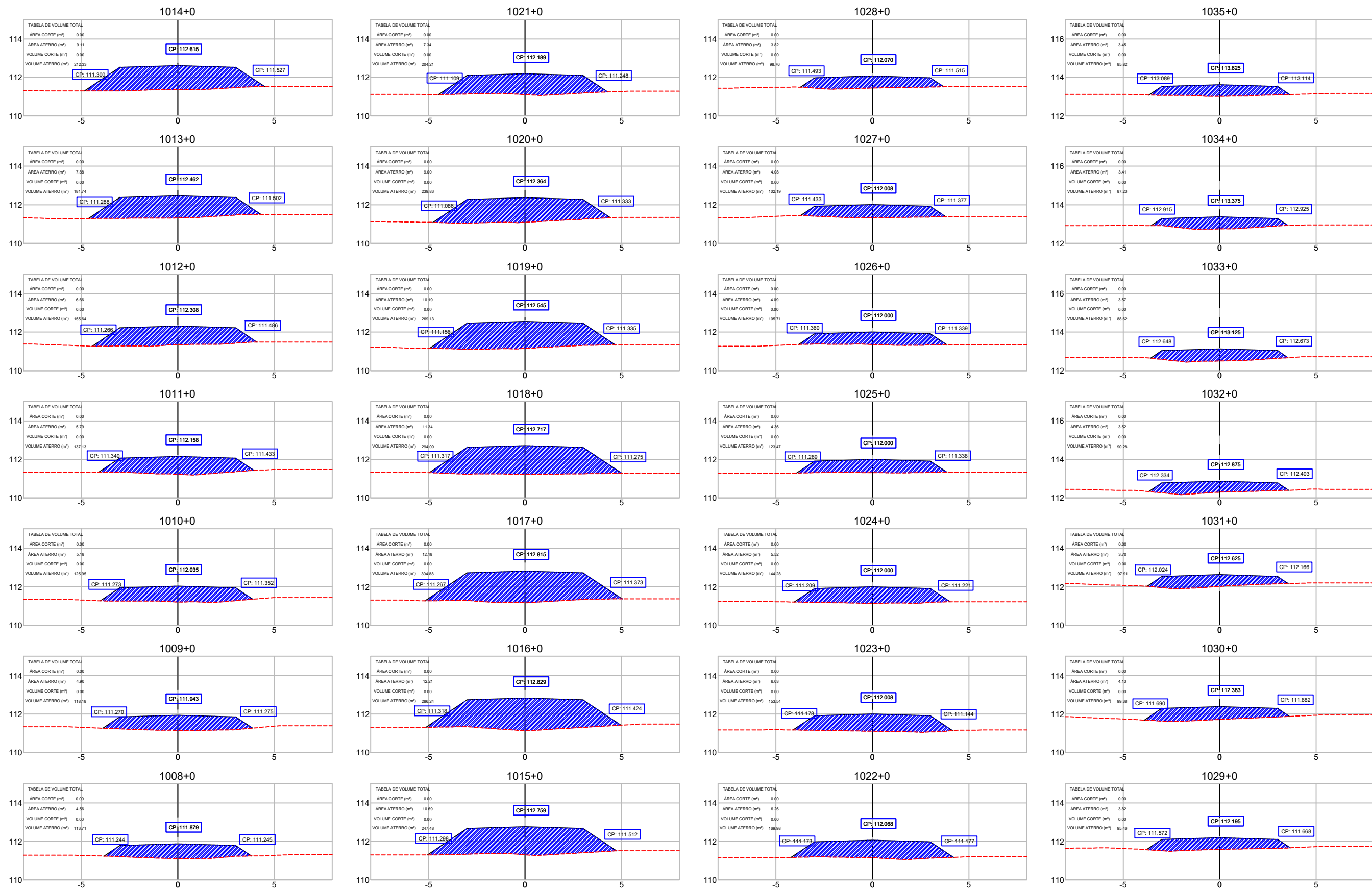


REFERÊNCIA CARTOGRÁFICA

PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM
PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6,63 E 57 WGR
CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE).
ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA
COMPL. DAS CURVAS DE NIVEL, DAS CARTAS CART.DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983

1º	REVISÃO GRAFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

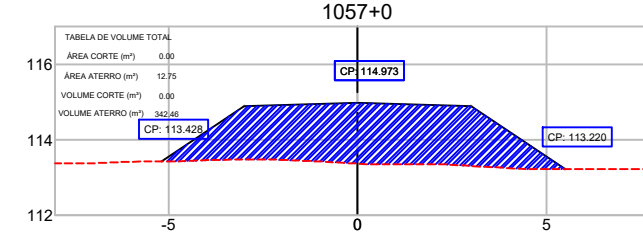
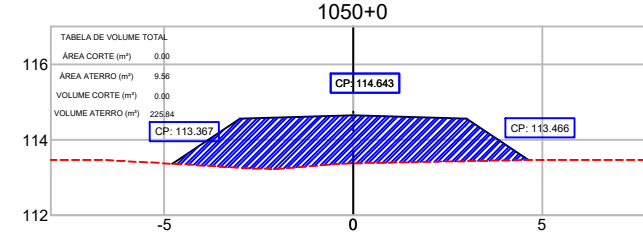
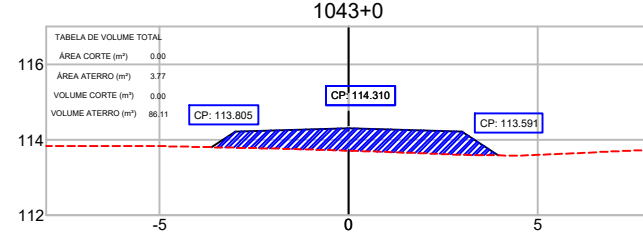
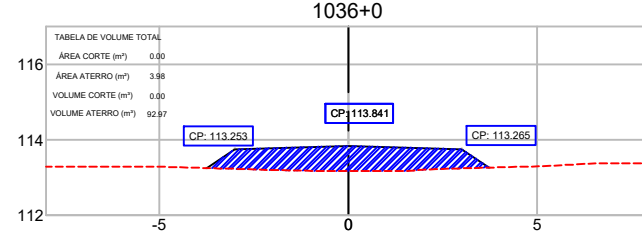
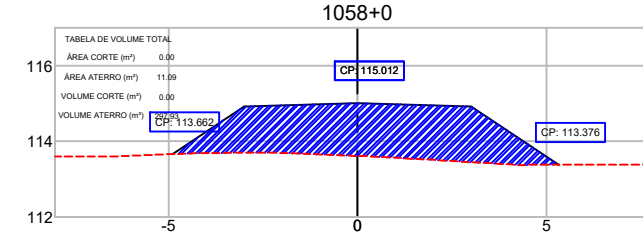
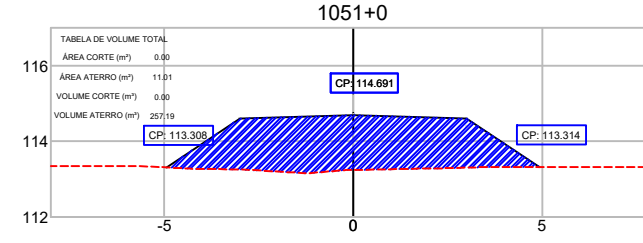
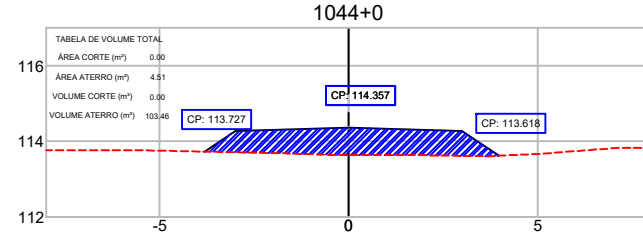
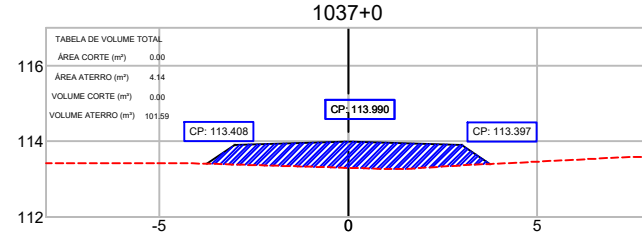
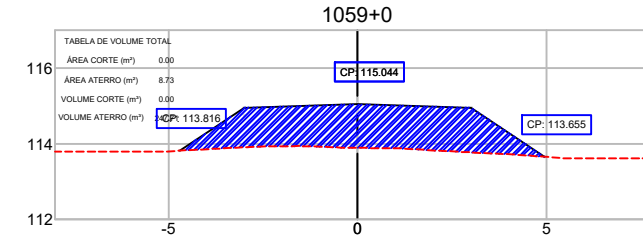
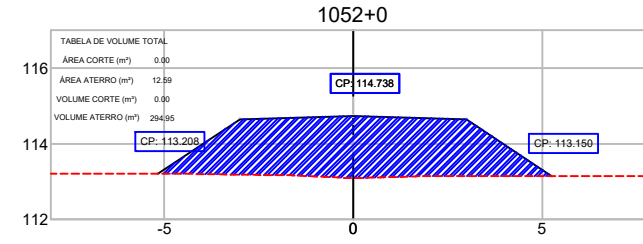
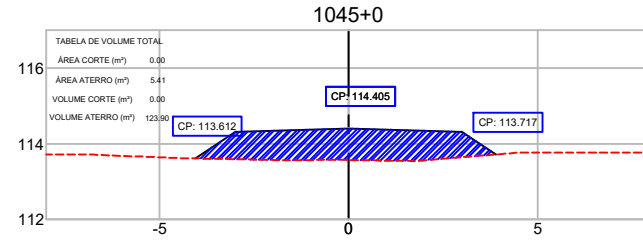
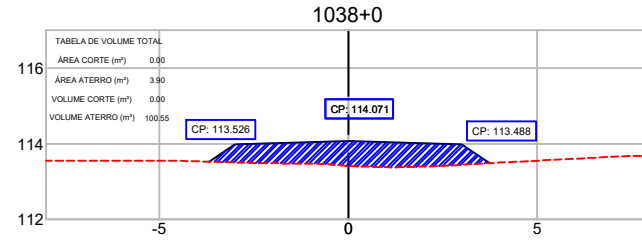
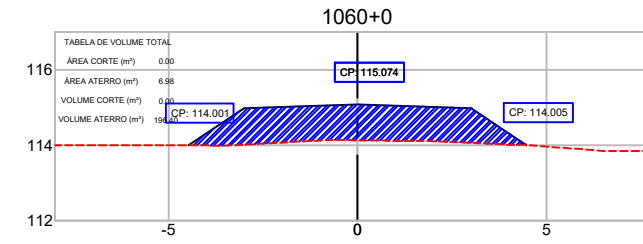
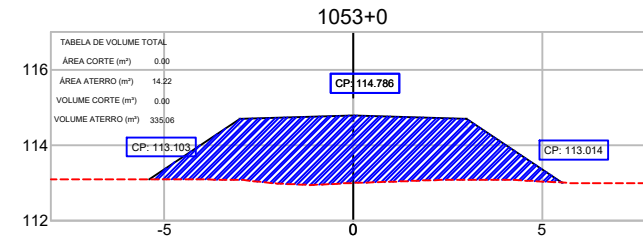
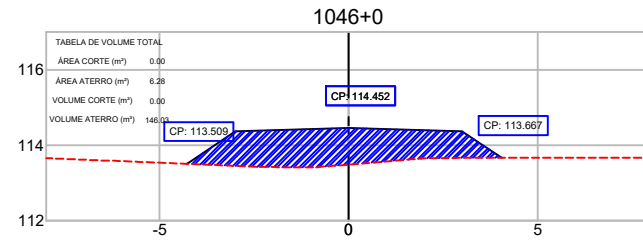
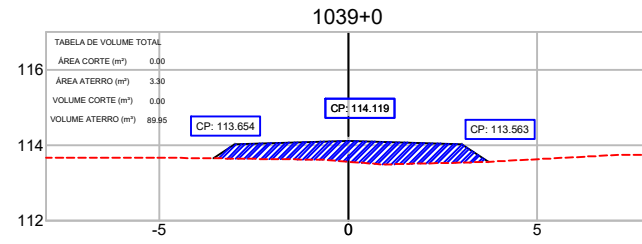
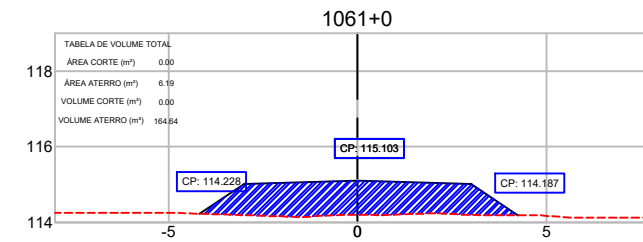
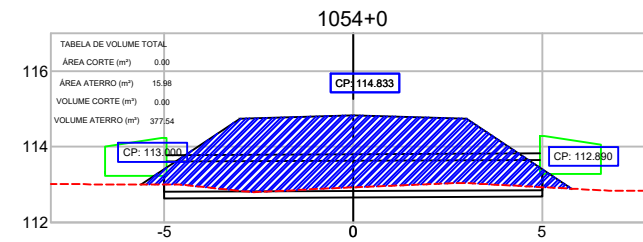
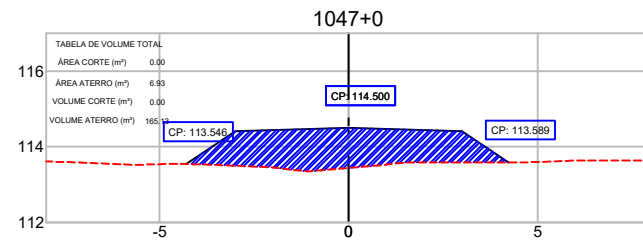
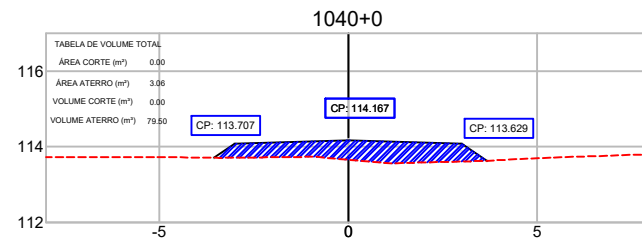
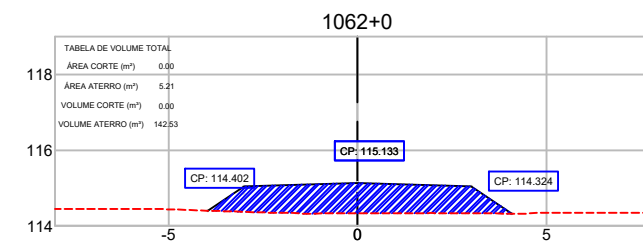
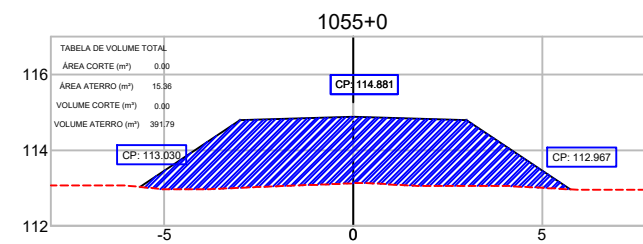
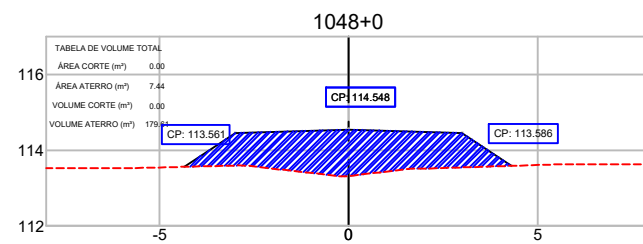
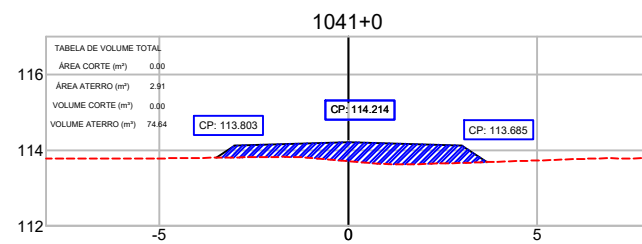
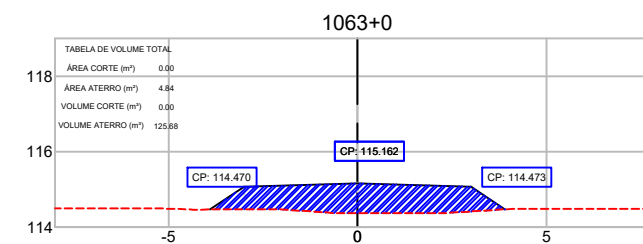
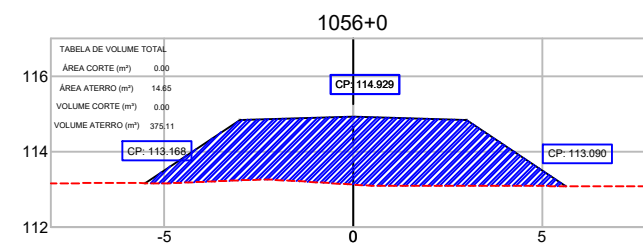
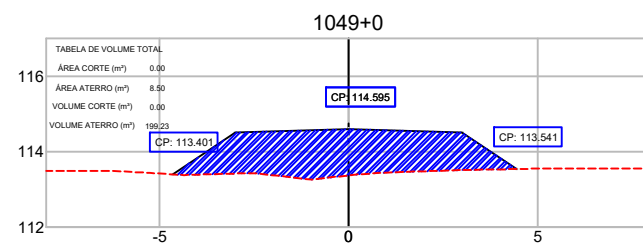
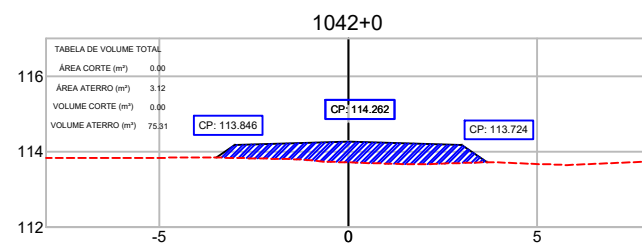
CONVENIO:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMETRICO	36/40	
CONCEDENTE:	LOCAL:	OBRA:	TRECHO:	B:
	VICINAL - RAPOSA - NOD 438	Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR	KM 0,00 - KM 22,376	C:
AUTOR:	COORDENADAS:	DATA:	DIM:	D:
PREFEITO MUNICIPAL	LATITUDE: -7°37'16.43"N LONGITUDE: -59°58'53.96"W	01/06/2025	METRO	E:
SEMPLA:		ESC:	1/1000	G:
				H:



CONVENÇÕES TOPOGRÁFICAS											

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENÇÃO		ANO	TIPO	FOLHA	MODIFICAÇÕES
PROJETO GEOMÉTRICO				37/40	
CONCEDENTE:		LOCAL:		B:	
OBRA:		VICINAL - RAPOSA - NOD 438		C:	
Recuperação de estrada de acesso a Oria da Lagoa Cheirosa no Município Normandia/RR		no Município de Normandia Projeto Geométrico		D:	
AUTOR:		COORDENADAS:		E:	
PREFEITO MUNICIPAL		LATITUDE: 7°37'16.43"N LONGITUDE: 59°58'33.96"W		F:	
SEMPLE:		DATA: 01/06/2025		G:	
		DIM: METRO		H:	
		ESC: 1/1000			



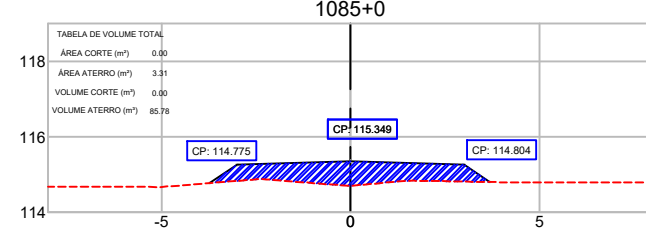
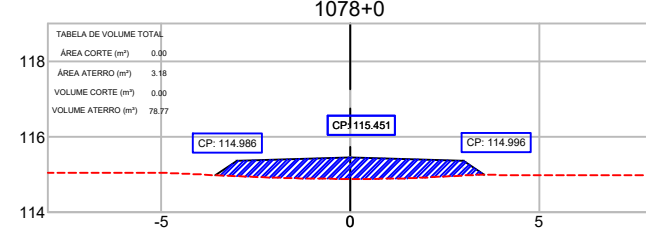
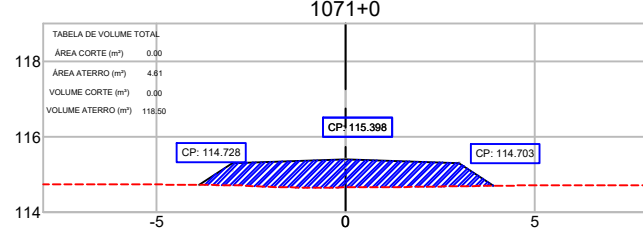
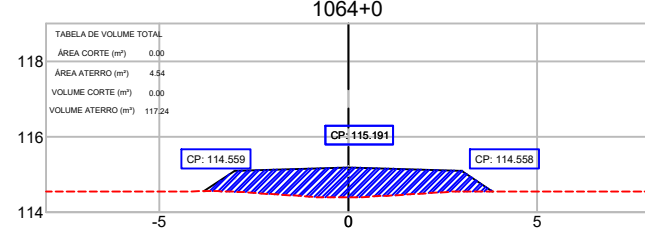
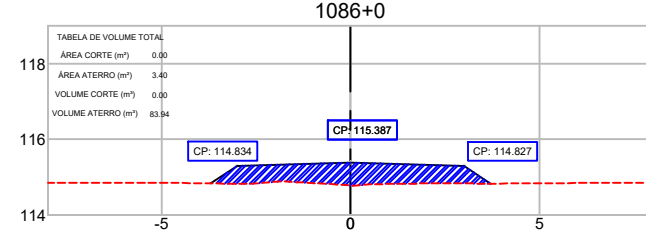
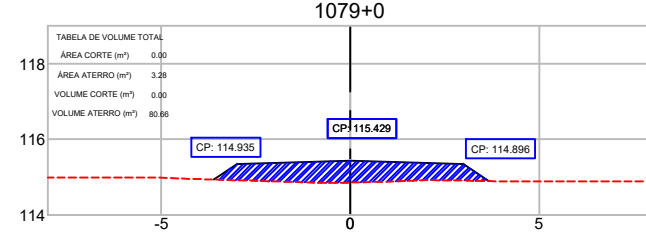
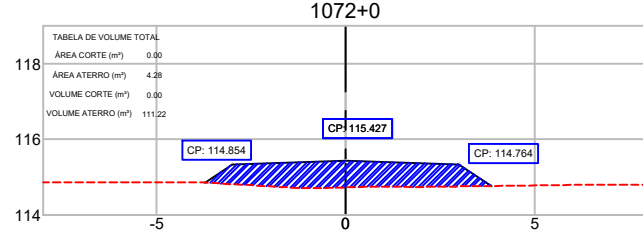
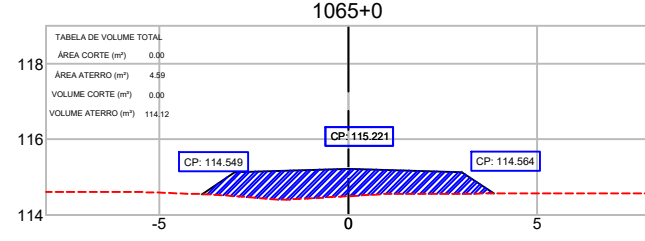
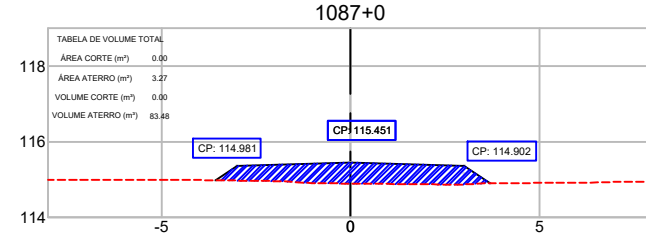
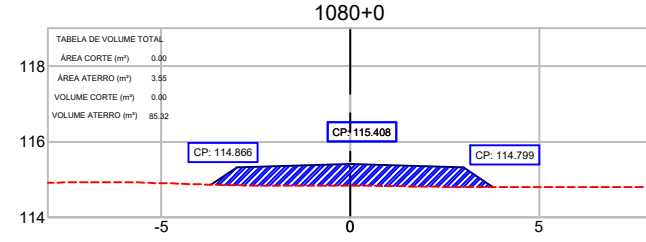
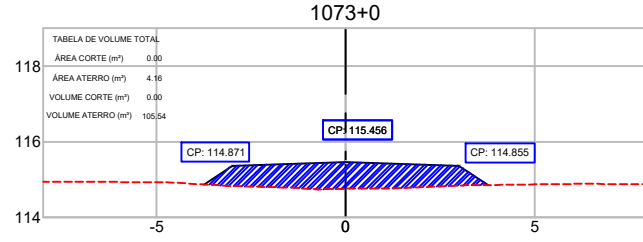
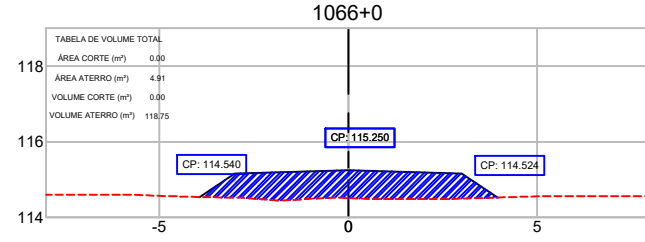
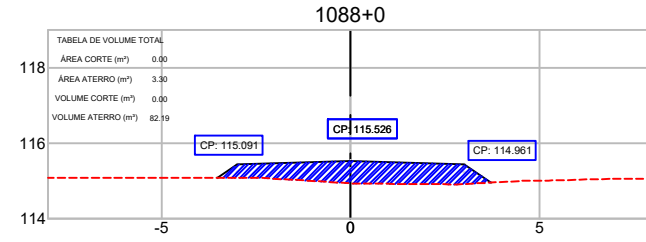
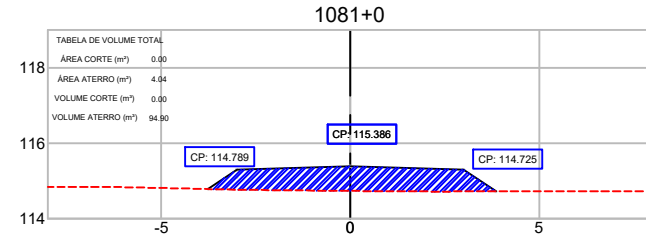
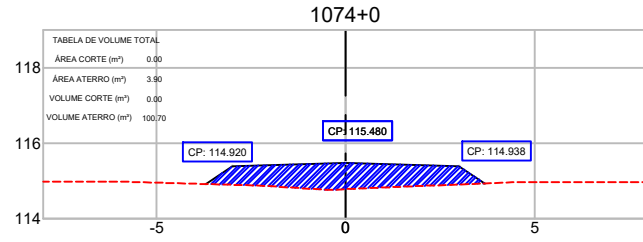
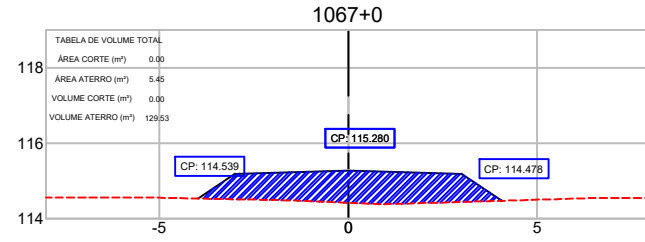
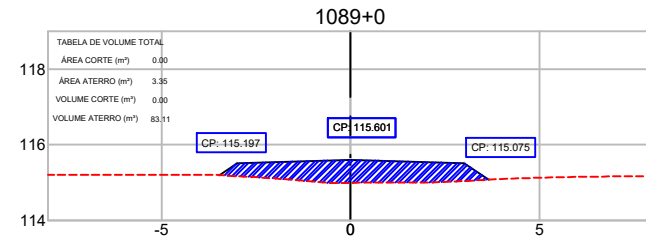
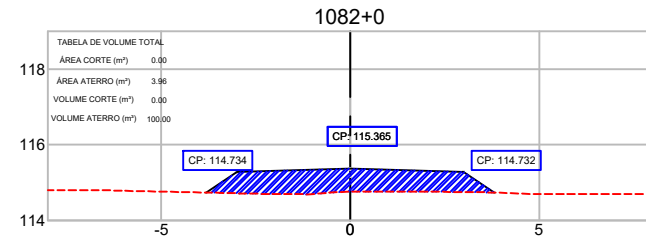
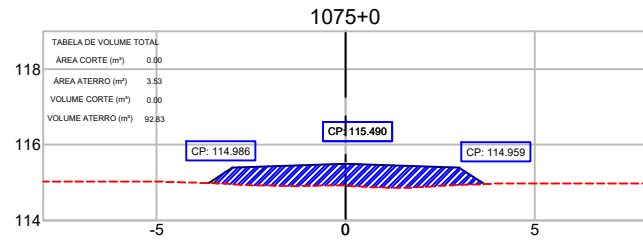
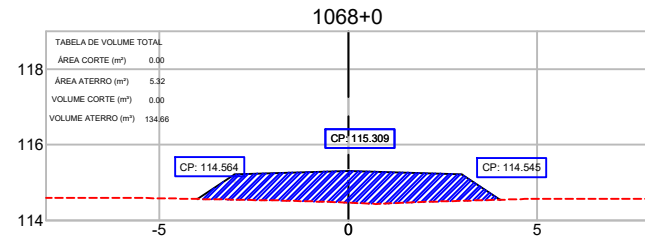
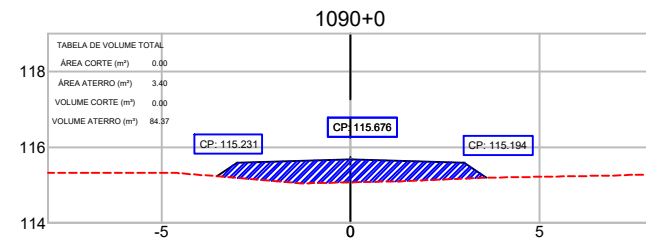
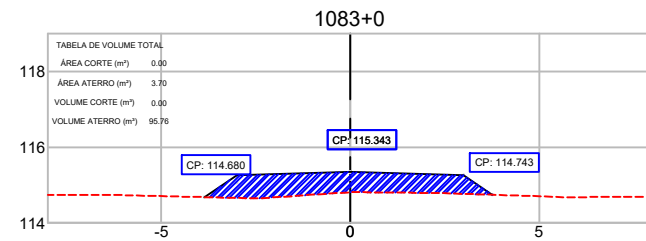
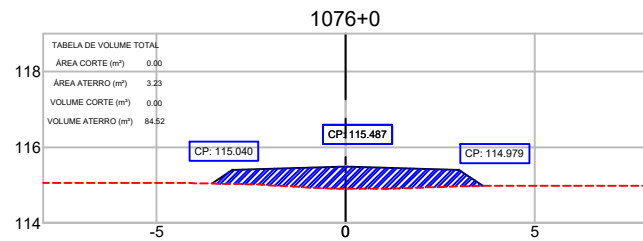
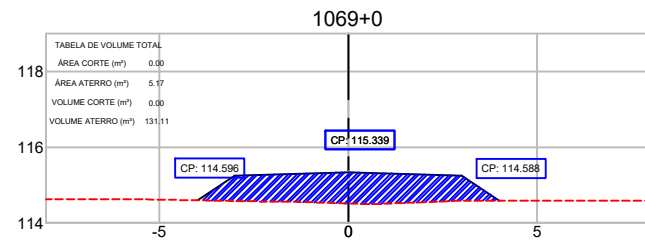
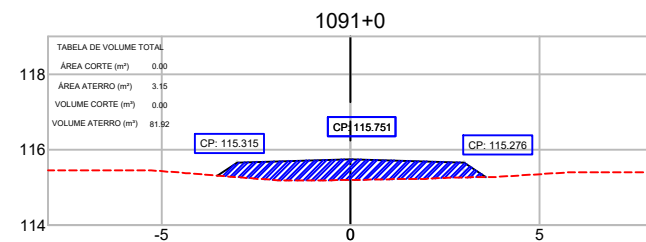
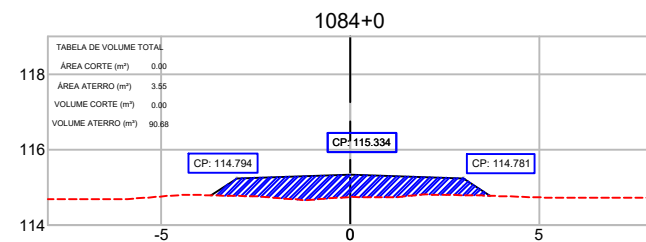
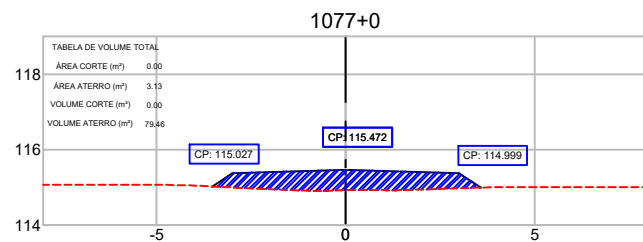
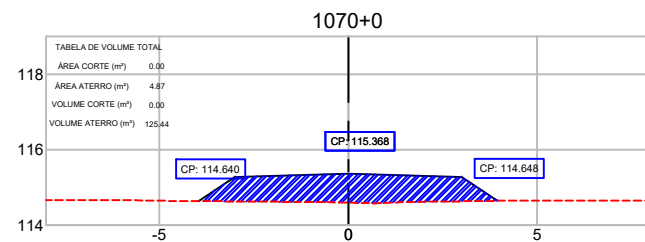
CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE METÁLICO					
MARCO QUILOMÉTRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO DE VISITA	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TIVOLINO	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA

PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM
 PLANIMÉTRICA-DATAMHORIZONTAL-SAD69,MC6.63 E 57 WGR
 CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE).
 ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA
 COMPIL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983

1º	REVISÃO GRAFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

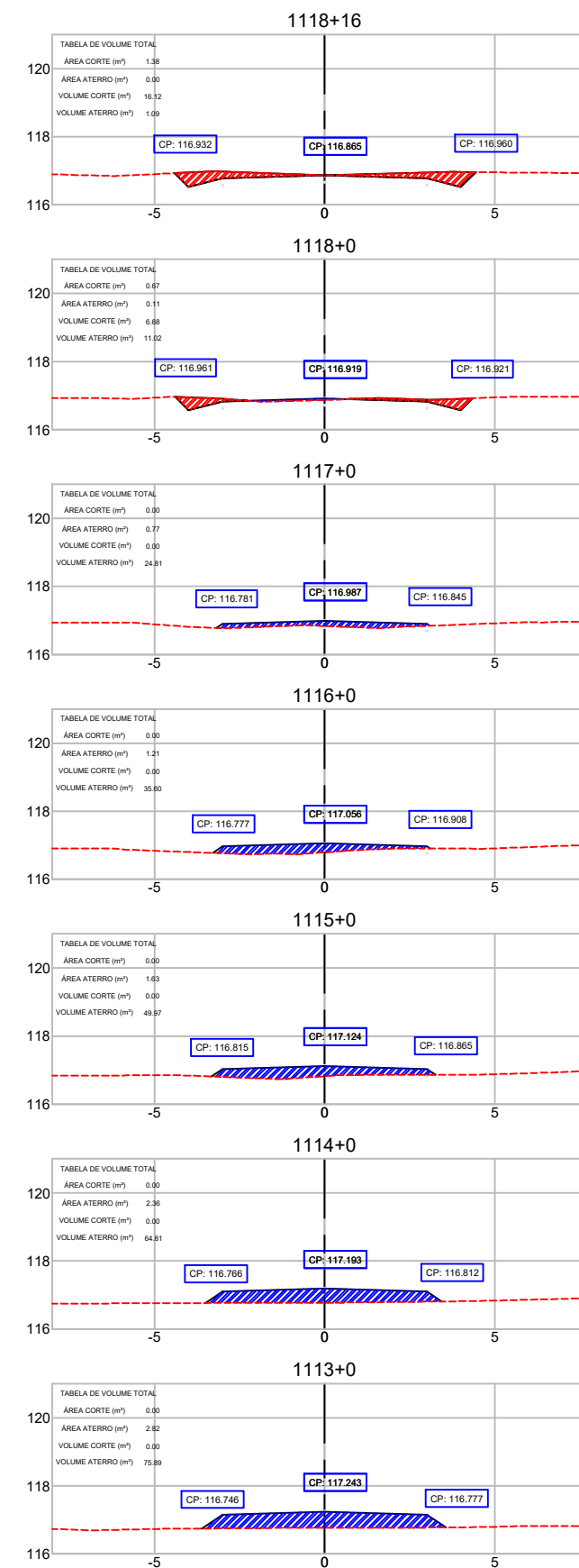
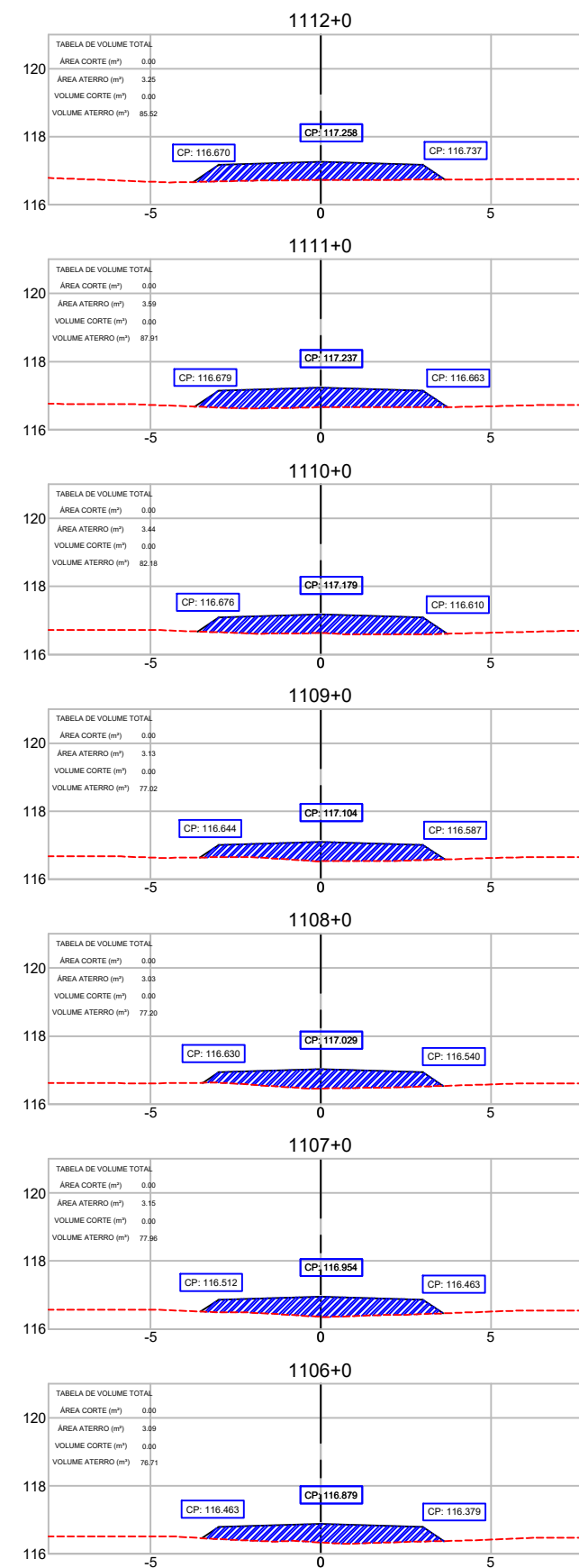
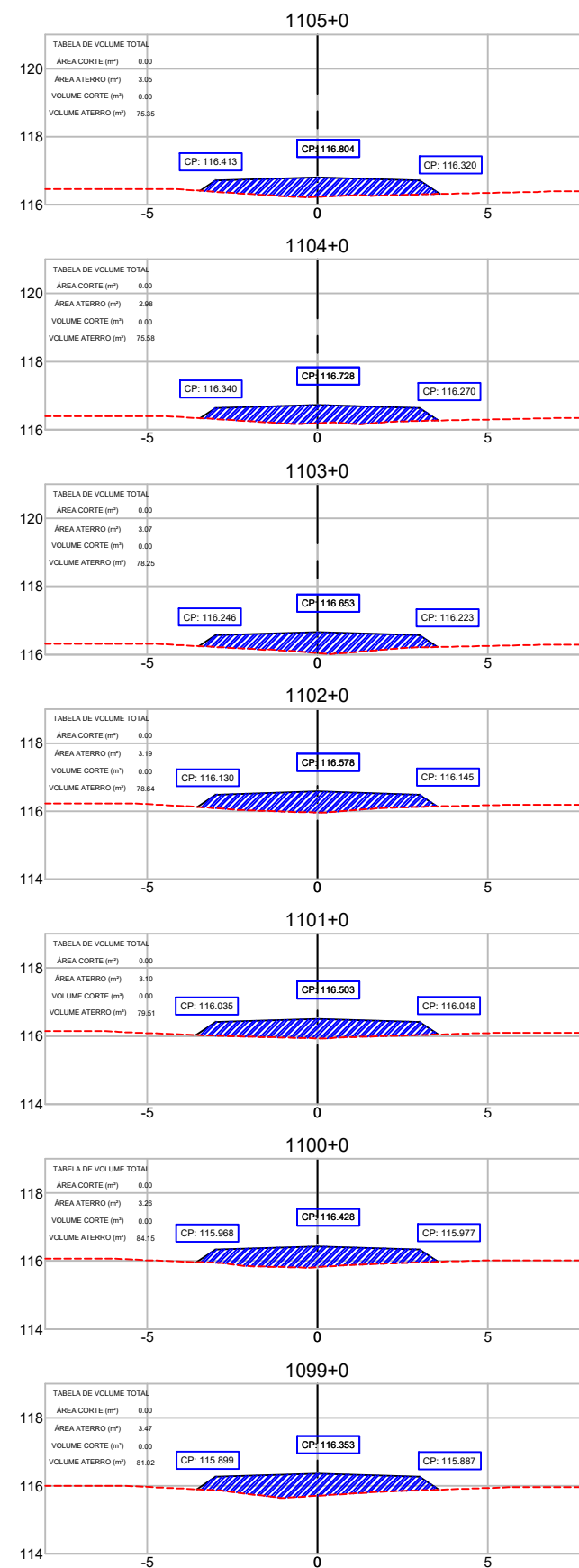
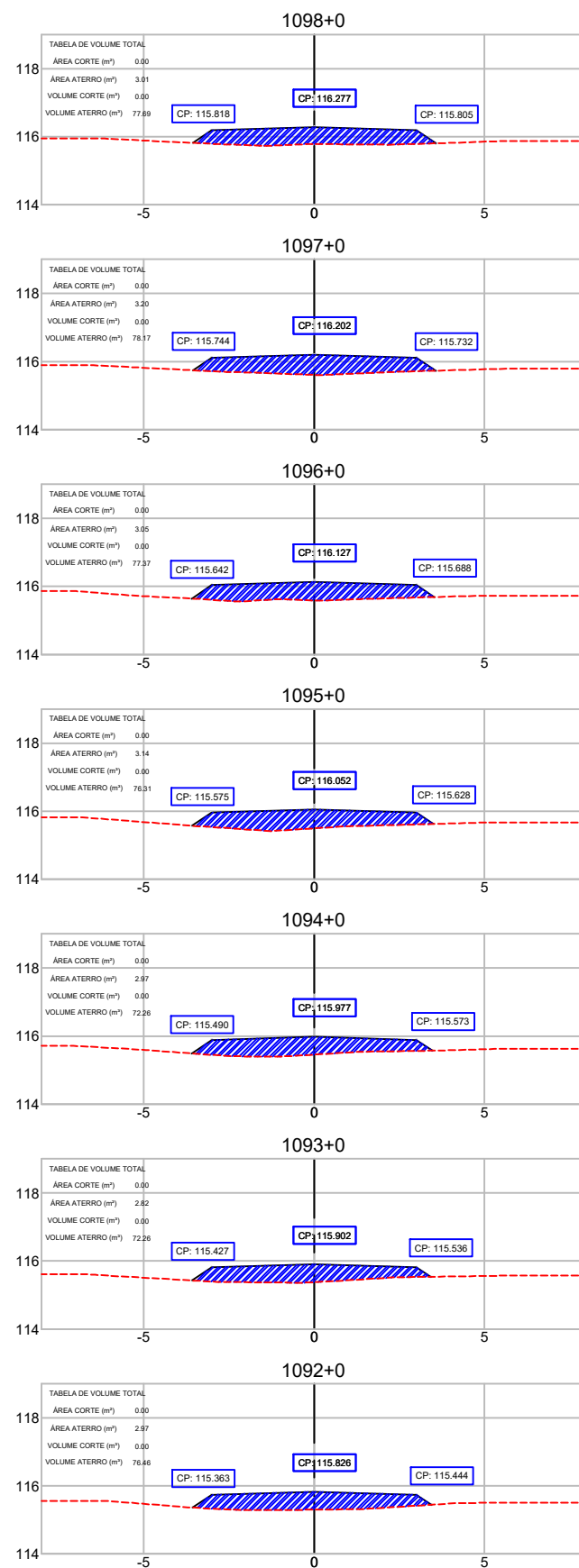
CONVENIÊNCIA	ANO	TIPO	FOLHA	MODIFICAÇÕES
PROJETO GEOMÉTRICO	38/40			
CONCEDENTE:	LOCAL:	OBRA:	TRECHO:	
Recuperação de estrada de acesso a Oria da Lagoa Cheirosa no Município Normandia/RR	VICINAL - RAPOSA - NOD 438	no Município de Normandia Projeto Geométrico	KM 0,00 - KM 22,376	
AUTOR:	COORDENADAS:	DATA:	DIM:	
PREFEITO MUNICIPAL	LATITUDE: 7°37'16.43"N LONGITUDE: 59°58'53.96"W	01/06/2025	METRO	
SEMPLE:		ESC:	1/1000	



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO	ENERGIA ELÉTRICA	ALINHAMENTO	POSTE METÁLICO	ALINHAMENTO	POSTE METÁLICO
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE METÁLICO	ALINHAMENTO	POSTE METÁLICO	ALINHAMENTO	POSTE METÁLICO	ALINHAMENTO
MURO QUILÔMETRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE/COBREIO	FILETE/COBREIO	ALAGADO COM VEGETAÇÃO BREVIO	POSTE COMUM	MURO DE ARRIMO	ALAGADO COM VEGETAÇÃO BREVIO	POSTE COMUM	MURO DE ARRIMO	ALAGADO COM VEGETAÇÃO BREVIO	POSTE COMUM
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAGOA / REPRESA	TORRE DE ALTA TENSÃO	LAGOA / REPRESA	LAGOA / REPRESA	TORRE DE ALTA TENSÃO	LAGOA / REPRESA	TORRE DE ALTA TENSÃO
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL	POSTE COMUM

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL-SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENIÇÃO:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	39/40	
CONCEDENTE: LOCAL: VICINAL - RAPOSA - NOD 438				
OBRA: Recuperação de estrada de acesso a Oria da Lagoa Cheirosa no Município Normandia/RR no Município de Normandia Projeto Geométrico				
AUTOR: PREFEITO MUNICIPAL				
SEMPRA:				
COORDENADAS: LATITUDE: -7°37'16.43"N LONGITUDE: -56°58'33.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESC: 1/1000				



CONVENÇÕES TOPOGRÁFICAS											
CERCA MISTA	CERCA ARAME	ALAMBRADO	CERCA VIVA	CERCA DE MADEIRA	POSTE COMUM	EXCO					
GUIA	ESTRADA DE FERRO	TALUDE	ÁRVORE ISOLADA	MATA / CULTURA	ALINHAMENTO	POSTE METÁLICO					
MURO QUILÔMETRICO	ESTACÃO DE LEVANTAMENTO	TELEFONE / CORREIO	FILETE / CORREIO	ALAGADO COM VEGETAÇÃO	POSTE COMUM	MURO DE ARRIMO					
TUBO	PONTO COTADO	POÇO DE VISITA	LAGOA / REPRESA	ESTRADA PAVIMENTADA	LAJA DE TUNELAMENTO	TORRE DE ALTA TENSÃO					
CAMINHO	CONST. ALVENARIA	CONST. DE LAJE	POSTE COMUM	POSTE COMUM	CAIXA DE INSPEÇÃO	CURVAS DE NÍVEL					

REFERÊNCIA CARTOGRÁFICA					
PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR-UTM PLANIMÉTRICA-DATUM HORIZONTAL: SAD69, MC6.63 E 57 WGR CIBERTURA CART. DA AMAZ. LEGAL, ELAB. EM 04/2003 POR IMAGEM DO SAT. CEBRS (CHINA BRASIL EXPL. DE REC. NATURAIS), SENSOR CCD COM PREC. DE 20m, PASSAGEM EM 03/2005 (FONTE IBGE/INPE). ALTIMÉTRICA-DATUM VERTICAL: IBITUBA-SANTA CATARINA COMPL. DAS CURVAS DE NÍVEL, DAS CARTAS CART. DA SÉRIE MIR NA ESCALA 1:250.000, ELABORADO PELO IBGE IBGE E IMPRESSAS EM A983					
1º	REVISÃO GRÁFICA E TEXTUAL	DATA	EXEC.	VERIF.	APROV.
1º	EDICÃO				
REV.	DESCRIÇÃO				

CONVENIÊN:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
		PROJETO GEOMÉTRICO	40/40	
CONCEDENTE:				B:
LOCAL:				C:
OBRA:				D:
Recuperação de estrada de acesso a Orla da Lagoa Cheirosa no Município Normandia/RR				E:
no Município de Normandia Projeto Geométrico				F:
AUTOR:				G:
PREFEITO MUNICIPAL				H:
SEMPRA:				
COORDENADAS:				
LATITUDE: 3°37'16.43"N				
LONGITUDE: 59°58'33.96"W				
DATA: 01/06/2025				
DIM: METRO				
ESC: 1/1000				