

LEGENDA

RUAS

EDIFICAÇÃO

PERFIS TRANSVERSAIS

CRISTA DE TALUDE

ÁREA ASSOAREADA

ÁRVORE

CURVA DE NÍVEL MESTRA

CURVA DE NÍVEL

PERFIS LONGITUDINAIS

PÉ DE TALUDE

POSTE

EIXO DO RIO

NOTAS

1- DIMENSÕES EM METRO, EXCETO ONDE INDICADO
2- DATUM HORIZONTAL : SIRGAS
3- DATUM VERTICAL : MARÉGRAFO DE IMBITUBA - S.C.
4- PROJEÇÃO UTM MERIDIANO CENTRAL 45°W.Gr.
5- LEVANTAMENTO TOPOGRÁFICO REALIZADO EM FEVEREIRO 2023.

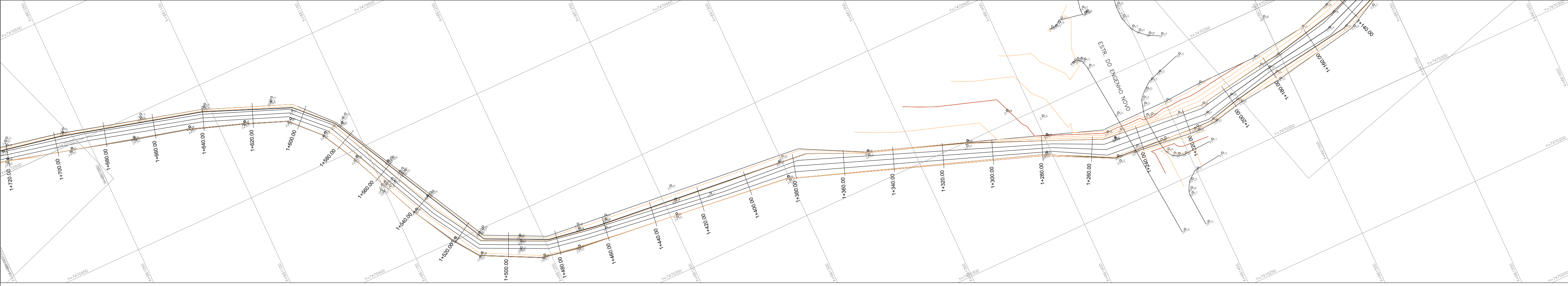
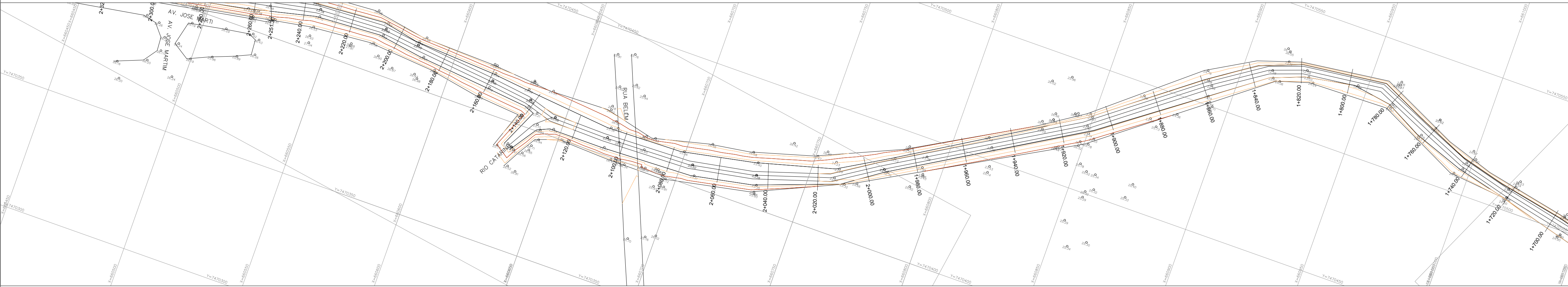
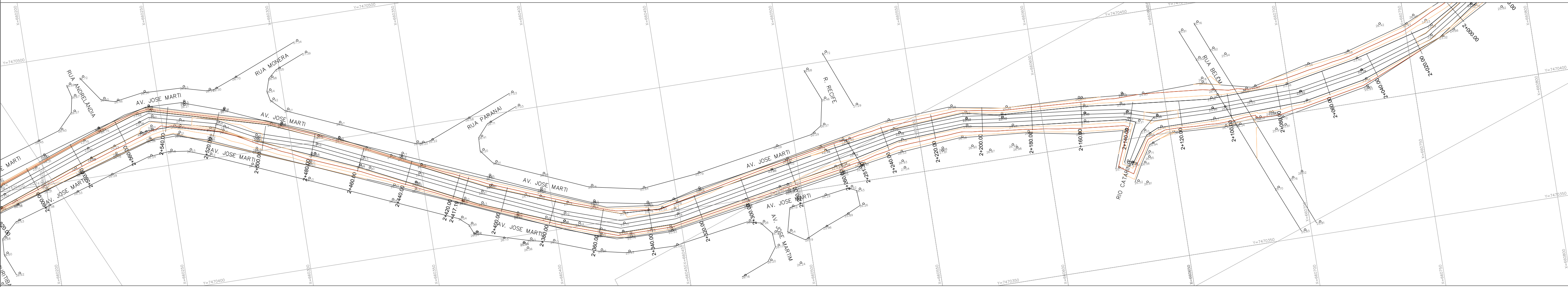
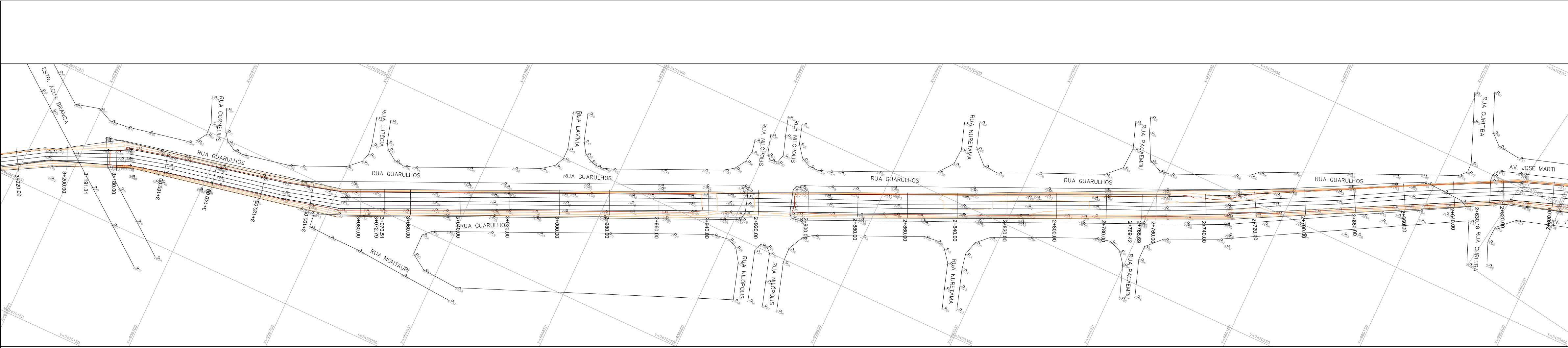
R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição

instituto estadual do ambiente

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

LEVANTAMENTO TOPOGRÁFICO PLANIALTIMÉTRICO

CONSORCIO APOIO TÉCNICO DRRAM	RESP. TÉCNICO : CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBROSEIA-RJ 202570601	FOLHA
cobrape	PROJETISTA : CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBROSEIA-RJ 202570601	01/25
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B001-DE-R0
		ESCALA 1/1000

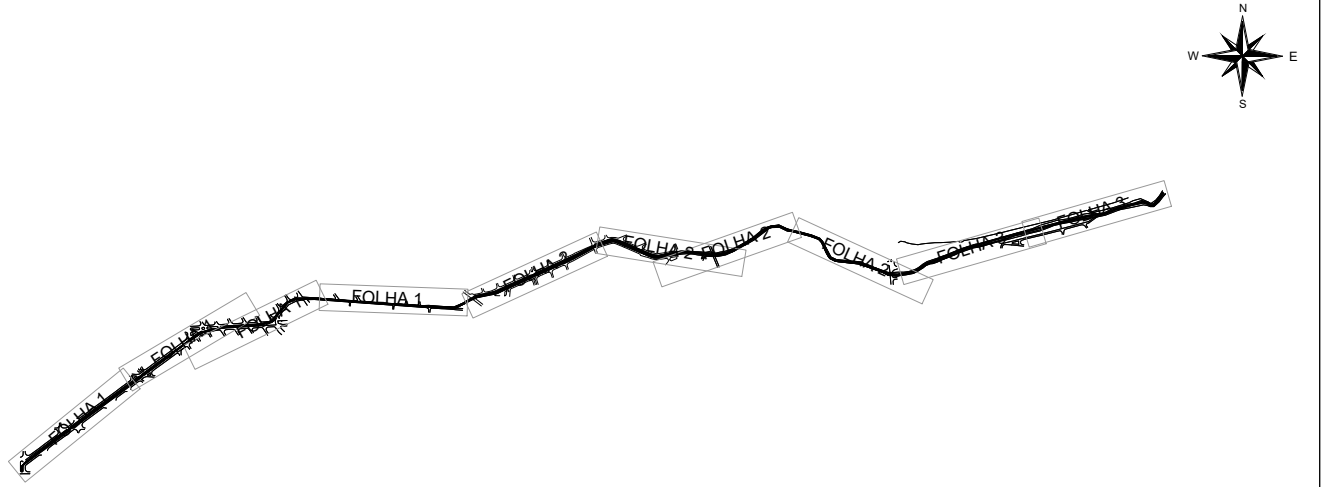


MAPA DE LOCALIZAÇÃO



— RIO MARINHO

ARTICULAÇÃO DAS FOLHAS



LEGENDA

-
-

NOTAS

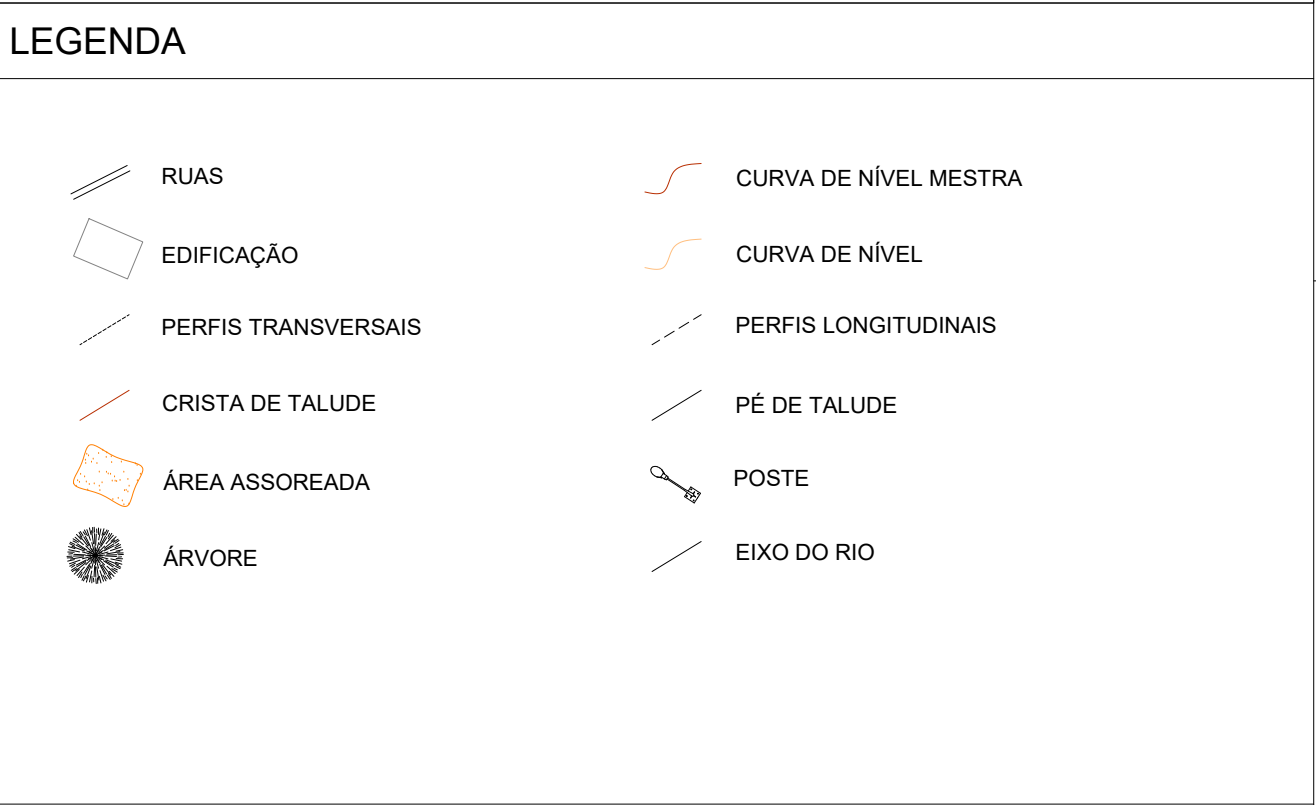
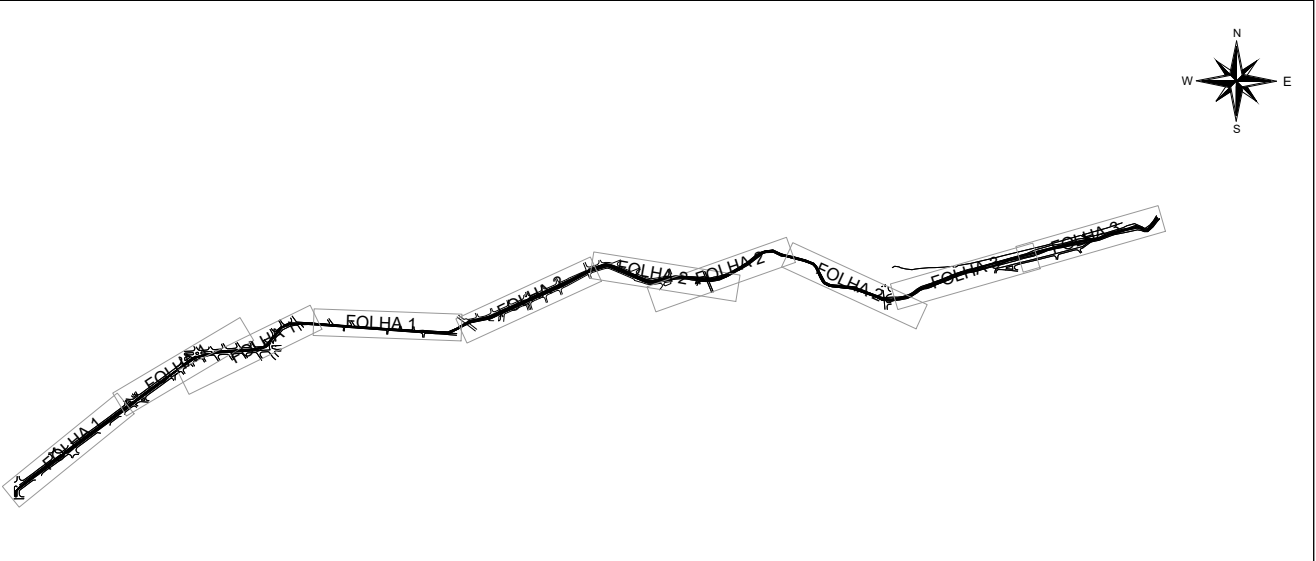
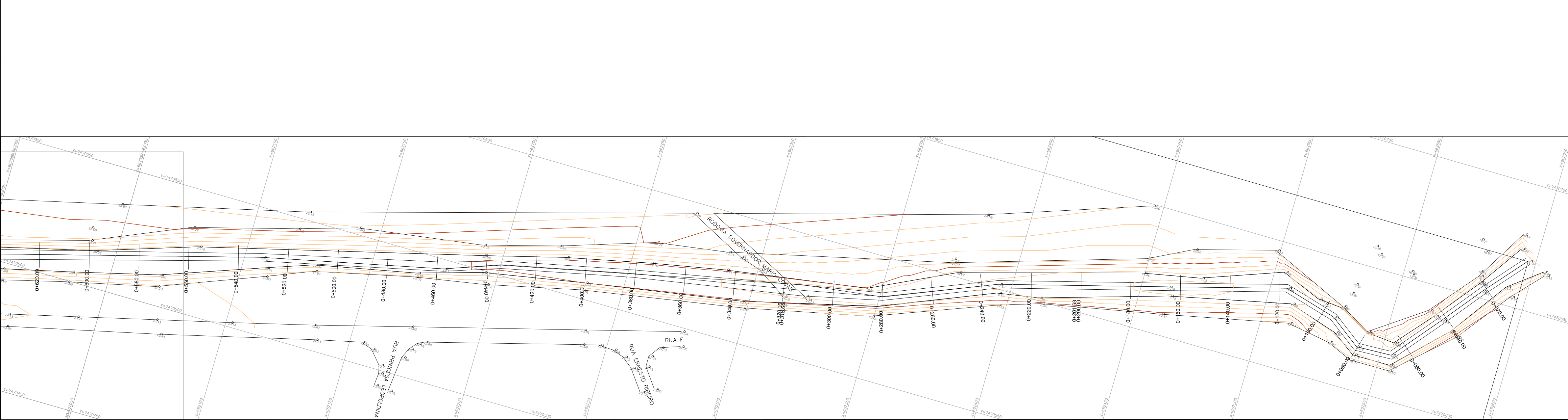
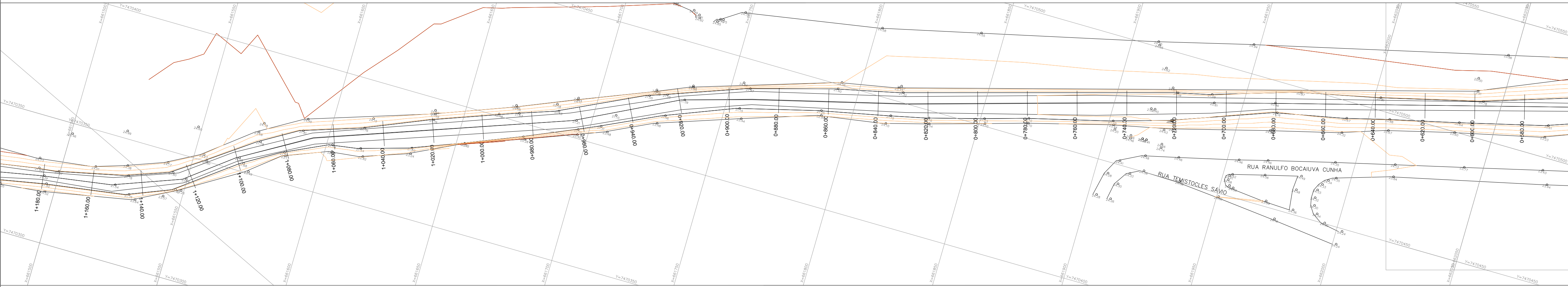
- 1- DIMENSÕES EM METRO, EXCETO ONDE INDICADO
- 2- DATUM HORIZONTAL : SIRGAS
- 3- DATUM VERTICAL : MARÉGRAFO DE IMBITUBA - S.C.
- 4- PROJEÇÃO UTM MERIDIANO CENTRAL 45°W.Gr.
- 5- LEVANTAMENTO TOPOGRÁFICO REALIZADO EM FEVEREIRO 2023.

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

LEVANTAMENTO TOPOGRÁFICO
PLANIALTIMÉTRICO

CONSORCIO APOIO TÉCNICO DBRAM	RESP. TÉCNICO : CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBROSEIRA RJ 202070601	FOLHA
cobrape	PROJETISTA : CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBROSEIRA RJ 202070601	02/25
Aquila	APROVADOR : CREA-RJ CAU JOSE AUGUSTO CASTROPIREIRA RJ 3631810	
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B002-DE-R0
		ESCALA 1/1000



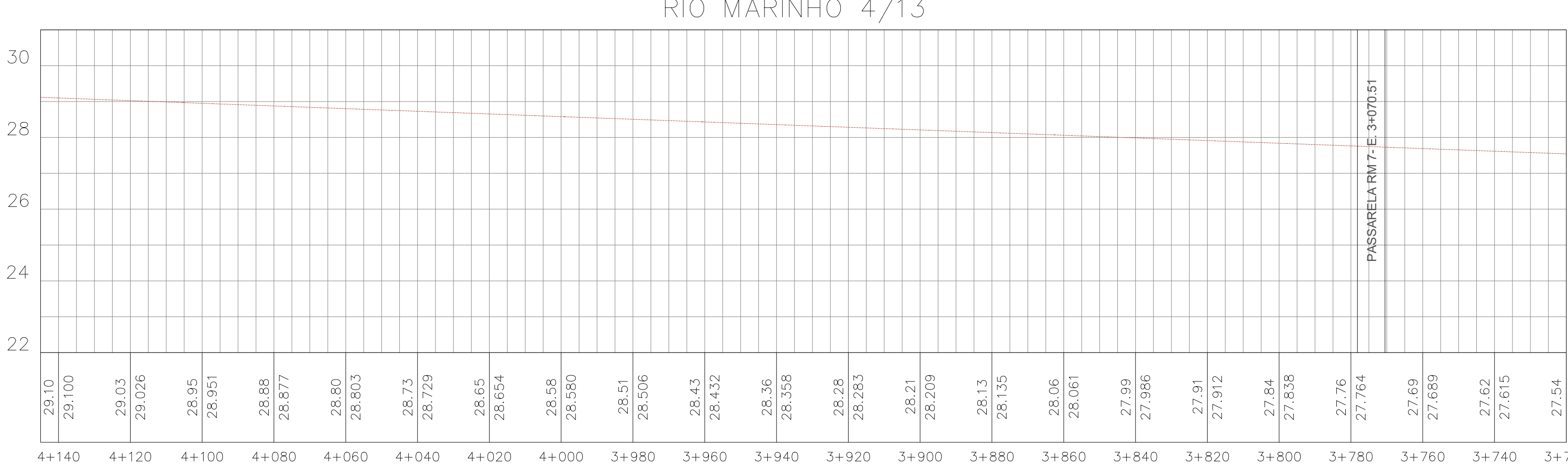
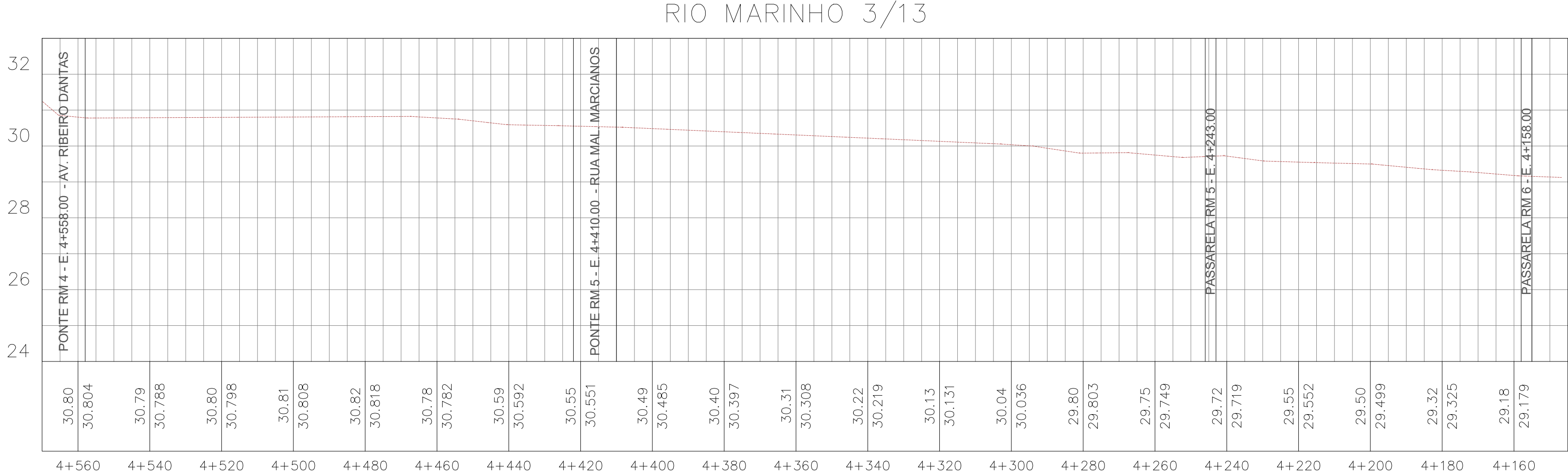
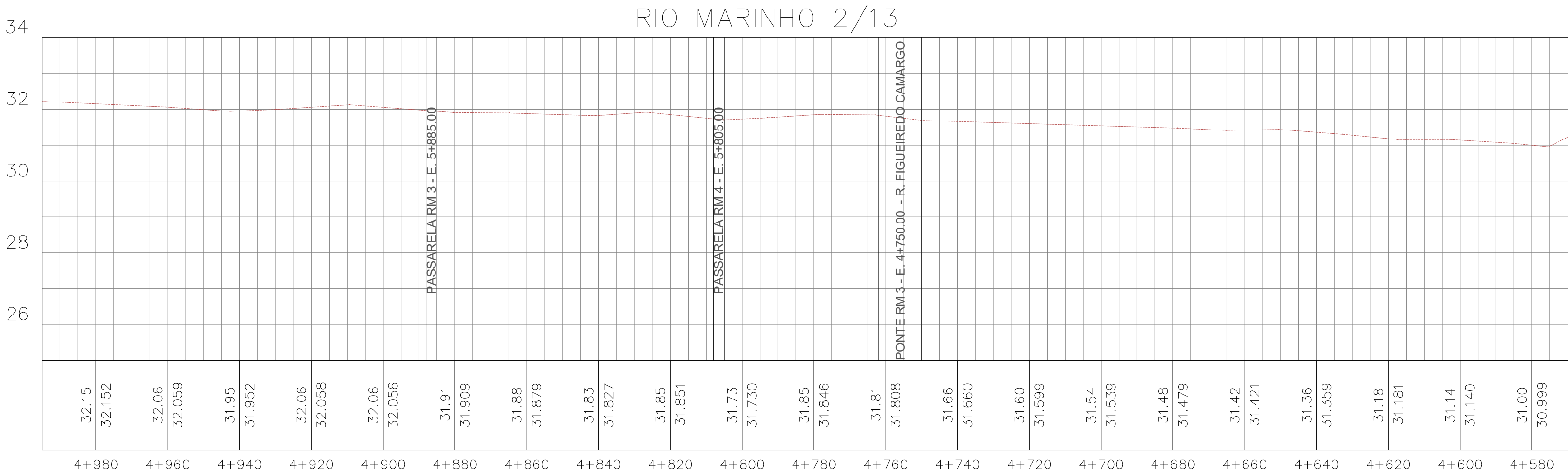
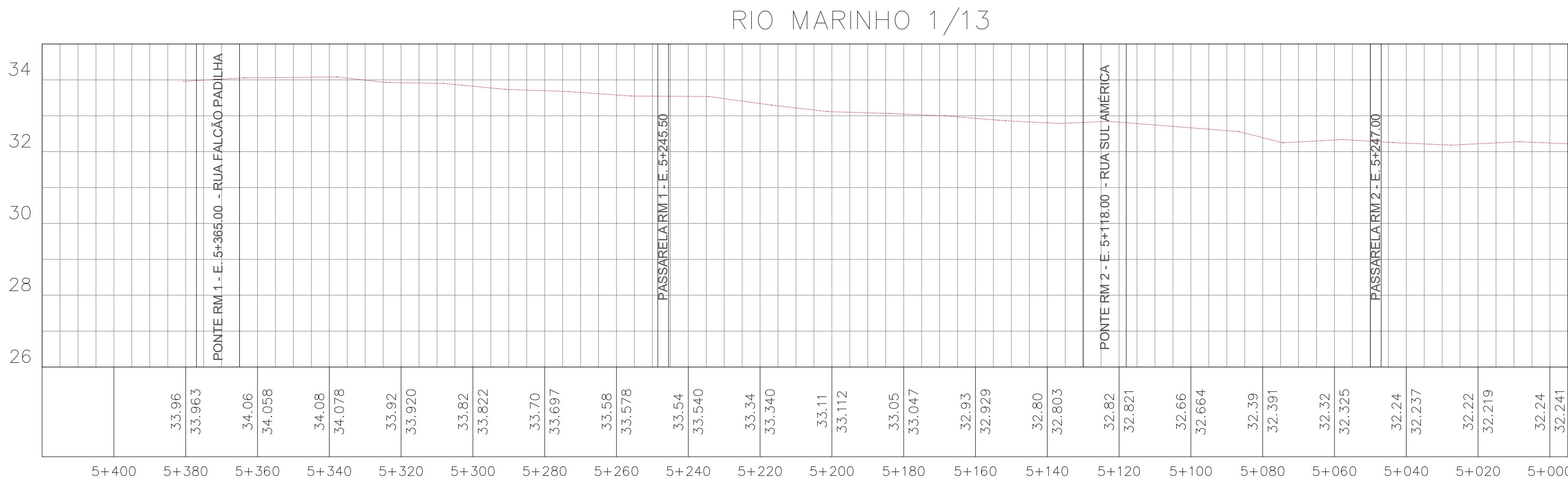
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- DIMENSÕES EM METRO, EXCETO ONDE INDICADO
- DATUM HORIZONTAL : SIRGAS
- DATUM VERTICAL : MARÉGRAFO DE IMBITUBA - S.C.
- PROJEÇÃO UTM MERIDIANO CENTRAL 45°W.Gr.
- LEVANTAMENTO TOPOGRÁFICO REALIZADO EM FEVEREIRO 2023.

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição



ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO			
LEVANTAMENTO TOPOGRÁFICO PLANIALTIMÉTRICO			
CONSÓRCIO APOIO TÉCNICO DBRAM			FOLHA
cobrape			03/25
Aquila			
RESP. TÉCNICO : CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBROSEIRA RJ 200790001			
PROJETISTA : CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBROSEIRA RJ 200790001			
APROVADOR : CREA-RJ CAU JOSE AUGUSTO CASTRO ROSA RJ 3631610			
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B003-DE-R0	ESCALA 1/1000



LEGENDA

TERRENO NATURAL

NOTAS

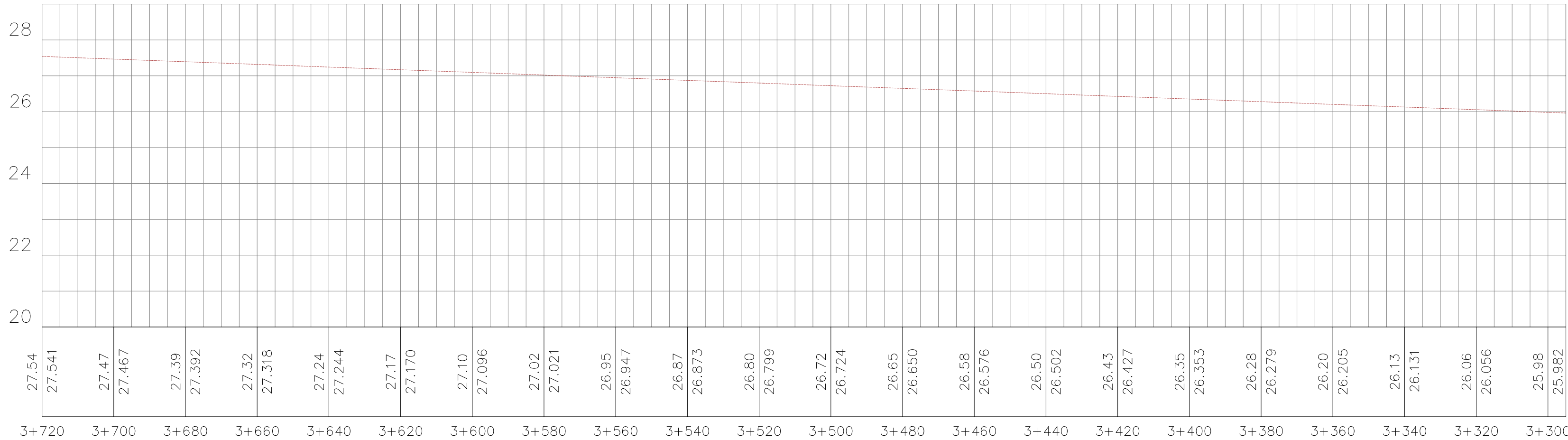
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DOCUMENTOS DE REFERÊNCIA

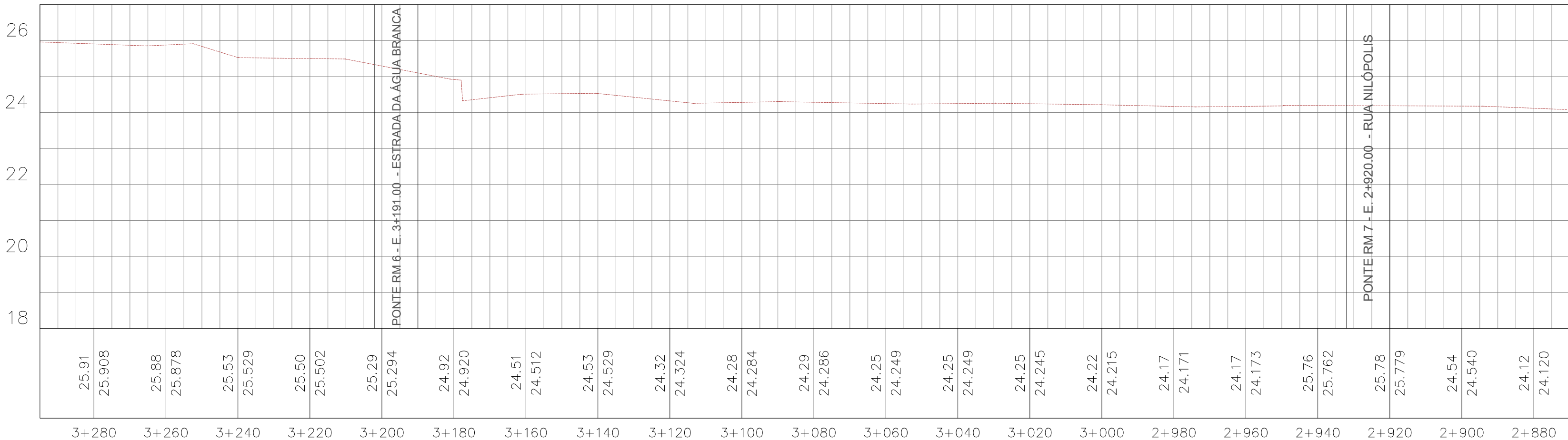
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R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição
<div><div><div>inea</div><div>Instituto estadual do ambiente</div></div><div><div>Secretaria de Ambiente e Sustentabilidade</div></div><div><div></div><div>GOVERNO DO ESTADO RIO DE JANEIRO</div></div><div><div></div></div></div>		
ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO		
LEVANTAMENTO TOPOGRÁFICO PERFIL LONGITUDINAL - RIO MARINHO		
<div><div><div>CONSORCIO APOIO TECNICO DIBRAM</div><div><div></div><div><div>Aquila</div><div>Engenharia</div></div></div><div><div>RESP. TECNICO: CREA OU CAU</div><div>ALBERTO JOSÉ MARINHO AMBICREIA/RJ 203106201</div></div><div><div>PROJETISTA: CREA OU CAU</div><div>ALBERTO JOSÉ MARINHO AMBICREIA/RJ 203106201</div></div><div><div>APROFUNDADOR: CREA OU CAU</div><div>JOSÉ AUGUSTO CASTRODOREIA/RJ 36319-D</div></div></div></div>		<div>FOLHA</div> <div>04/25</div>
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	<div>NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B004-DE-R0</div> <div>ESCALA H=1:1000 V=1:100</div>

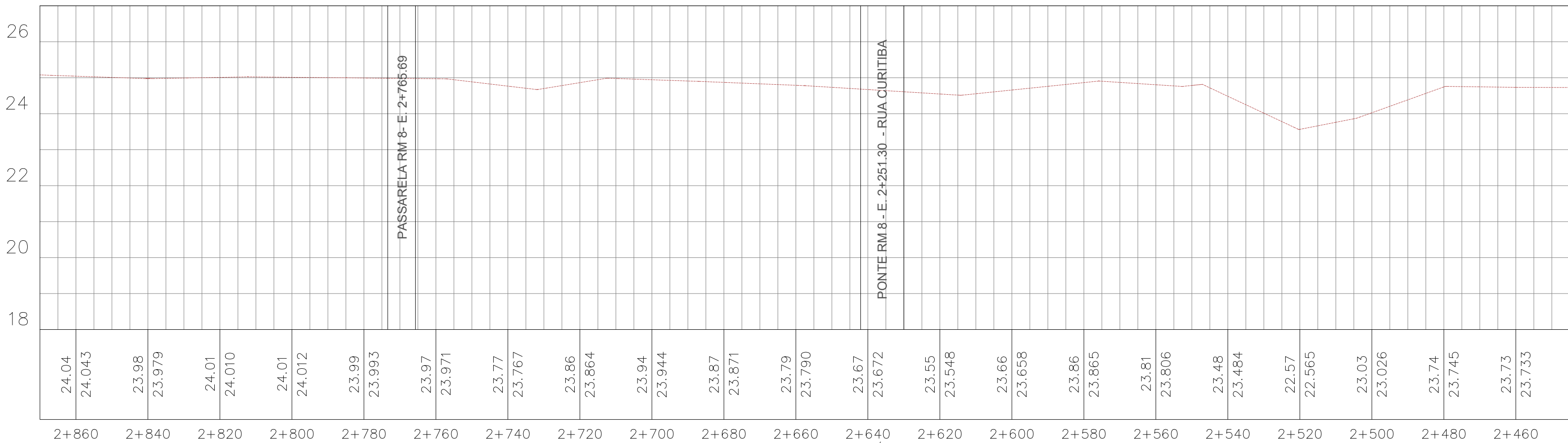
RIO MARINHO 5/13



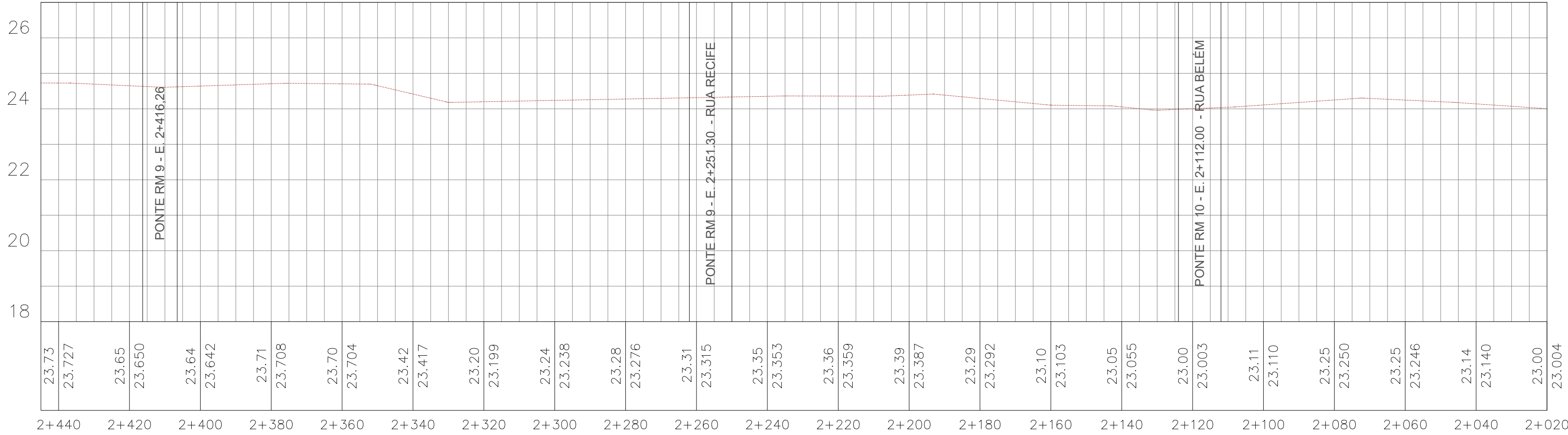
RIO MARINHO 6/13



RIO MARINHO 7/13



RIO MARINHO 8/13



LEGENDA

TERRENO NATURAL

NOTAS

1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.

DOCUMENTOS DE REFERÊNCIA

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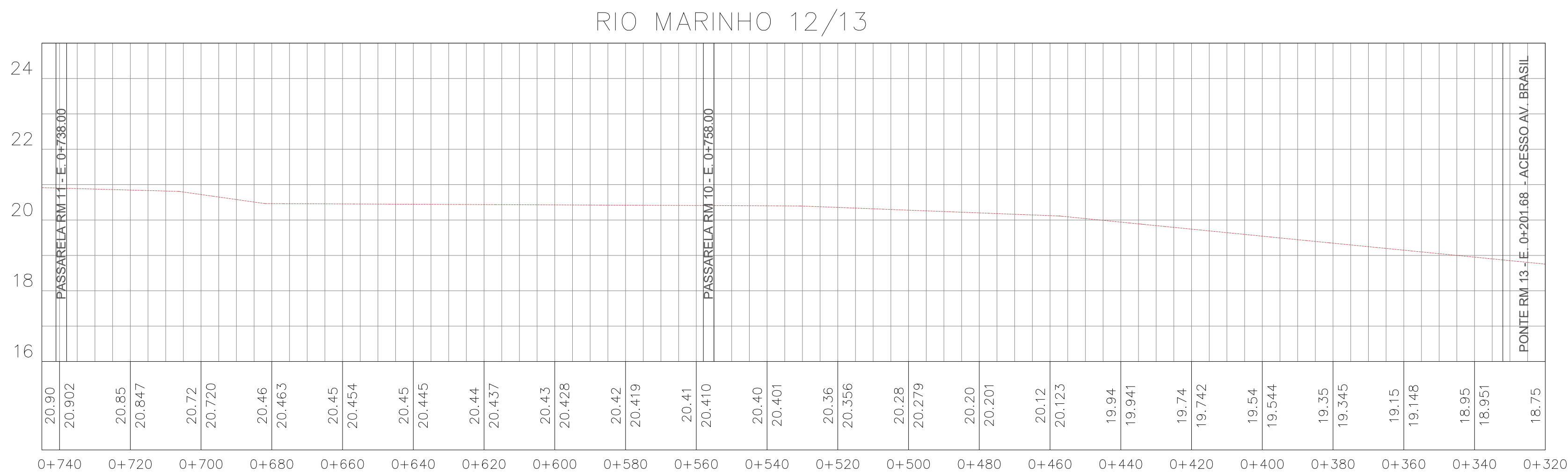
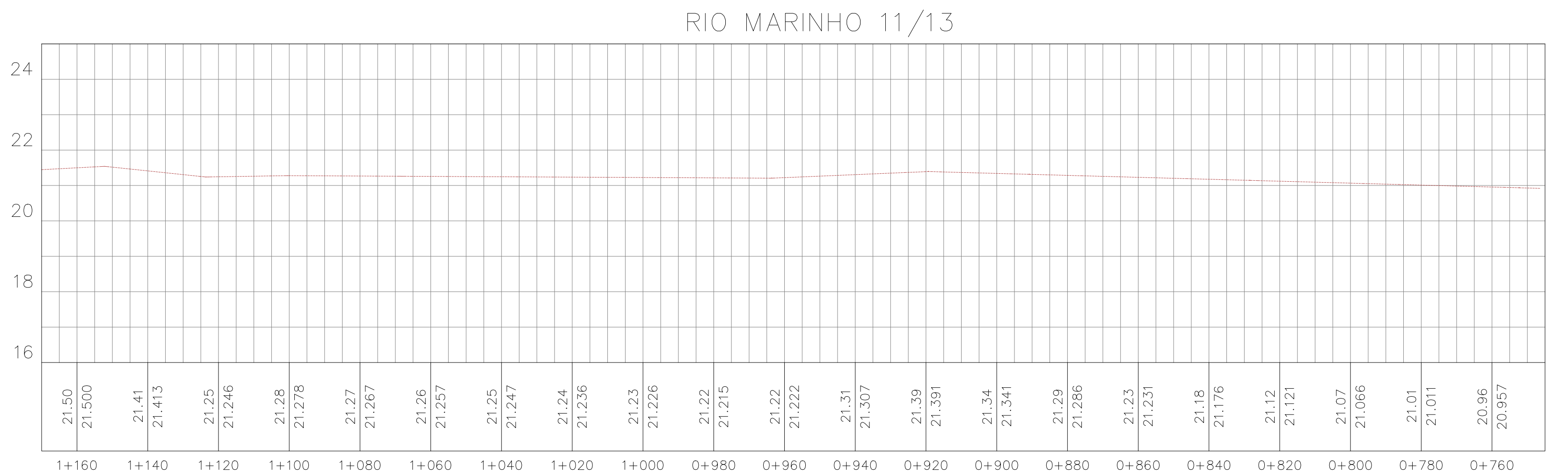
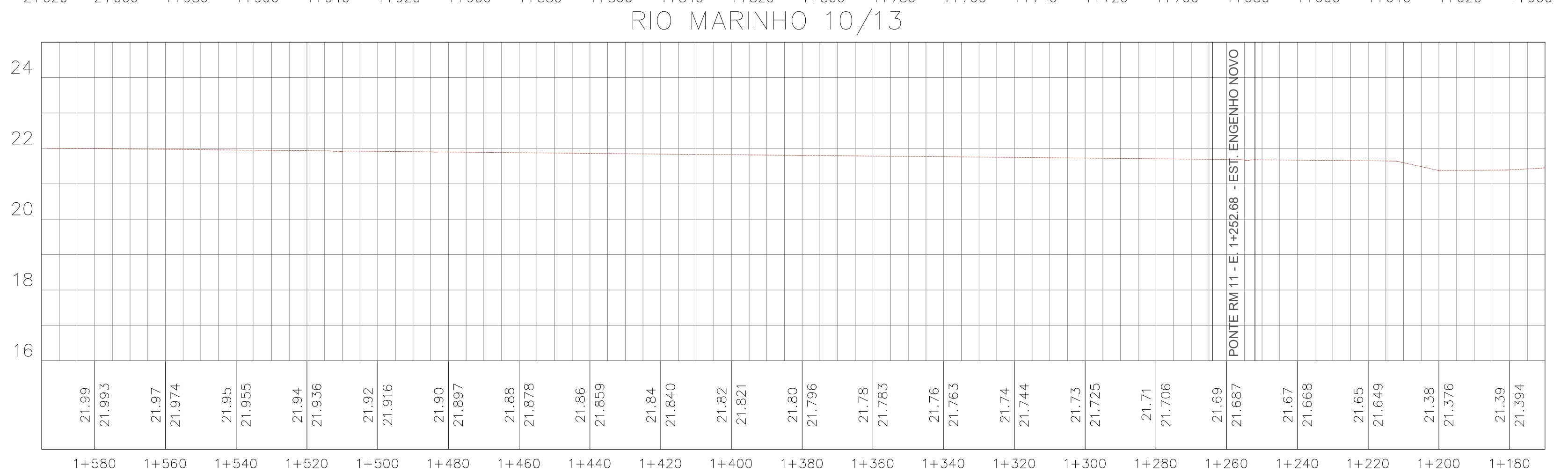
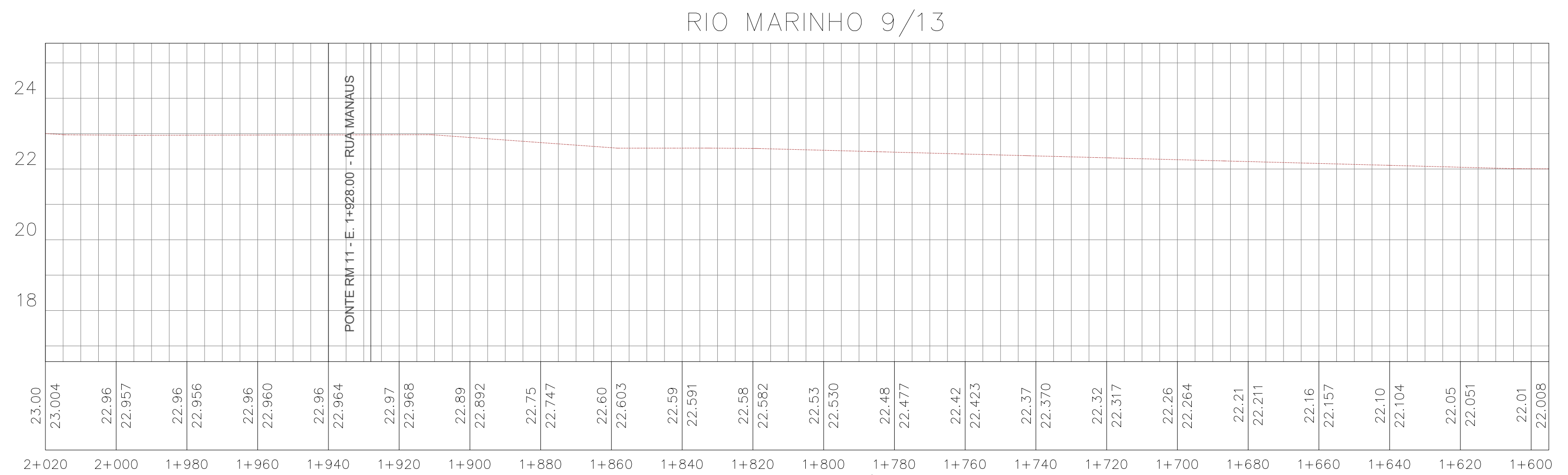
R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição



ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

LEVANTAMENTO TOPOGRÁFICO
PERFIL LONGITUDINAL - RIO MARINHO

CONSÓRCIO APOIO TÉCNICO DBRAM	RESP. TÉCNICO / CREA OU CAU ALBERTO JOSÉ MARINHO ABBECREA-RJ 202010201	FOLHA
cobrape	PROJETISTA / CREA OU CAU RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	05/25
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B005-DE-R0
		ESCALA H=1:1000 V=1:100



LEGENDA

— TERRENO NATURAL

NOTAS

1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.

DOCUMENTOS DE REFERÊNCIA


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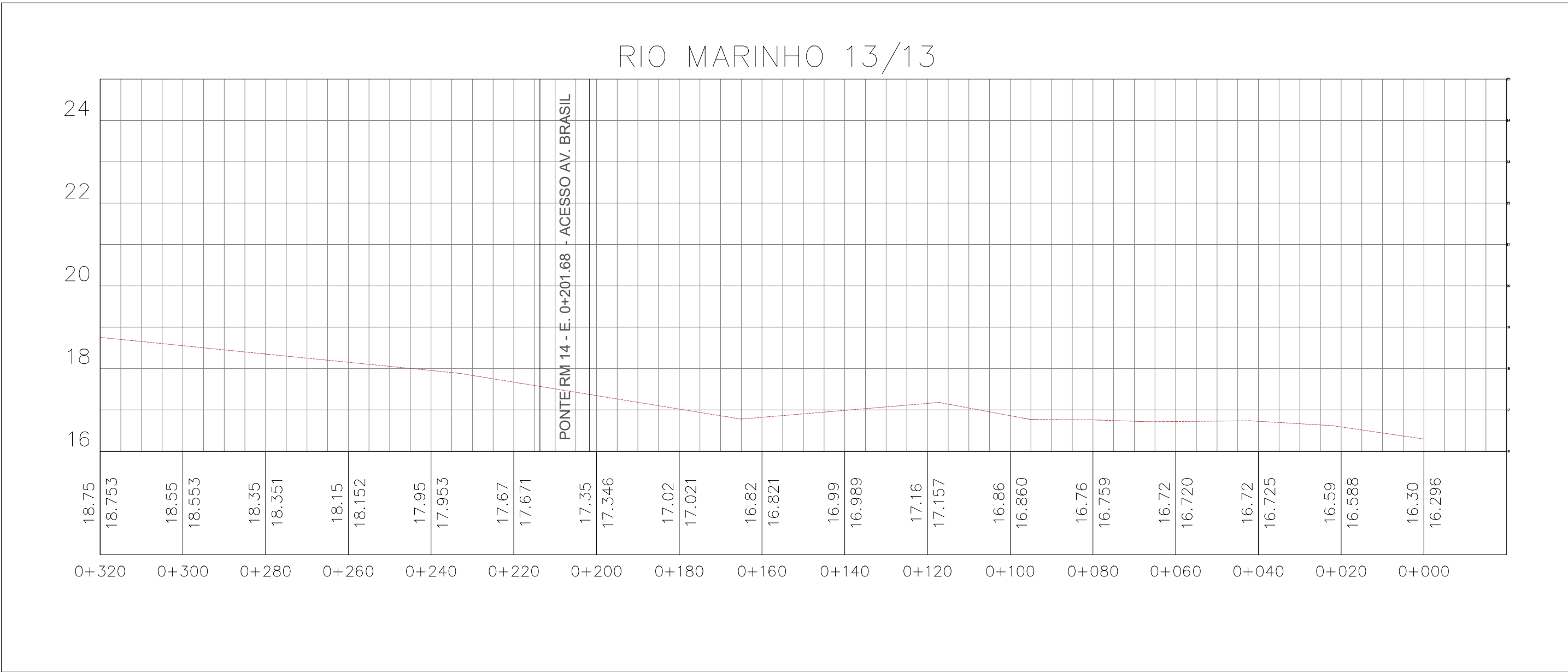
R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição



ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

LEVANTAMENTO TOPOGRÁFICO
PERFIL LONGITUDINAL - RIO MARINHO

CONSELHO APOIO TÉCNICO DIBRAM		RESP. TÉCNICO - CREA DO CADU ALBERTO JOSE MARINO AMORIM-ARAUJO 120119801		FOLHA
<div><div><div>Aquila engenharia</div></div></div>		PROF. TESTA - CREA DO CADU ALBERTO JOSE MARINO AMORIM-ARAUJO 120119801		06/25
		PROFUNDISTA - CREA DO CADU JOSE AUGUSTO CARVALHO-ARAUJO 16.1510		
DATA	AUTORIZADOR	NÚMERO DO DESENHO		ESCALA
14/06/2023	RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	DRM-BGBB-PRJ-MRM-1-CCA-B006-DE-R0		H=1:1000 V=1:100



LEGENDA

TERRENO NATURAL

NOTAS

1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.

DOCUMENTOS DE REFERÊNCIA

1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição

 **inec** Instituto estadual do ambiente



 **Secretaria de Ambiente e Sustentabilidade**



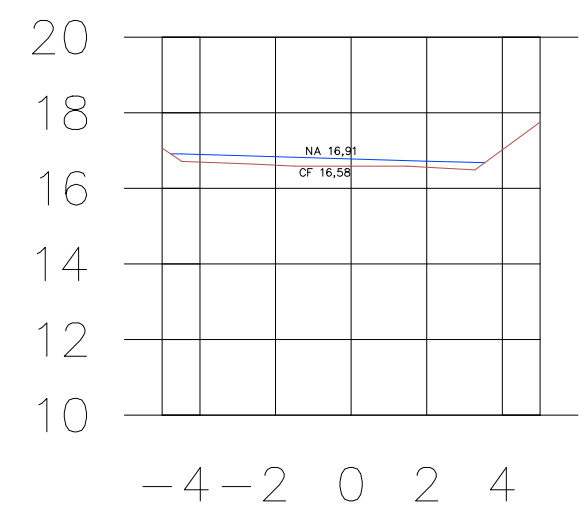


ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

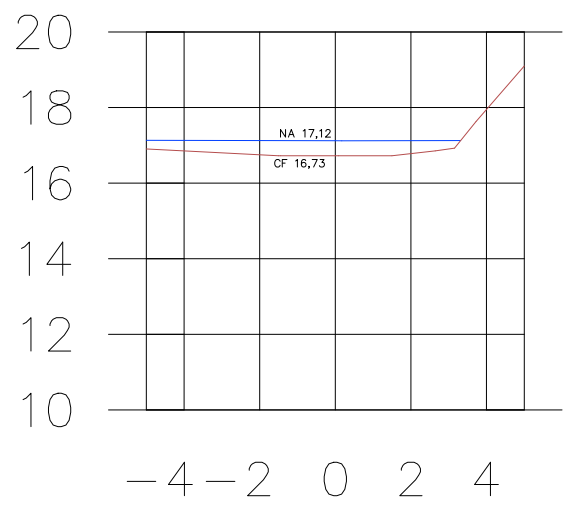
LEVANTAMENTO TOPOGRÁFICO
PERFIL LONGITUDINAL - RIO MARINHO

CONSÓRCIO APOIO TÉCNICO DBRAM		RESP. TÉCNICO CREA OU CAU ALBERTO JOSÉ MARINHO AMB/CREA/RJ 20310601	FOLHA 07/25
 cobrope	 Aquila Engenharia	PROJETISTA CREA OU CAU ALBERTO JOSÉ MARINHO AMB/CREA/RJ 20310601	
		APROVADOR CREA OU CAU JOSÉ AUGUSTO GENTIL/CREA/RJ 36318-D	
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B007-DE-R0	ESCALA H=1:1000 V=1:100

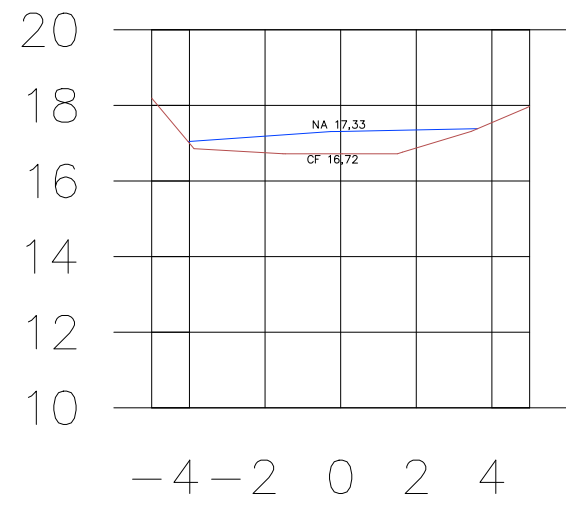
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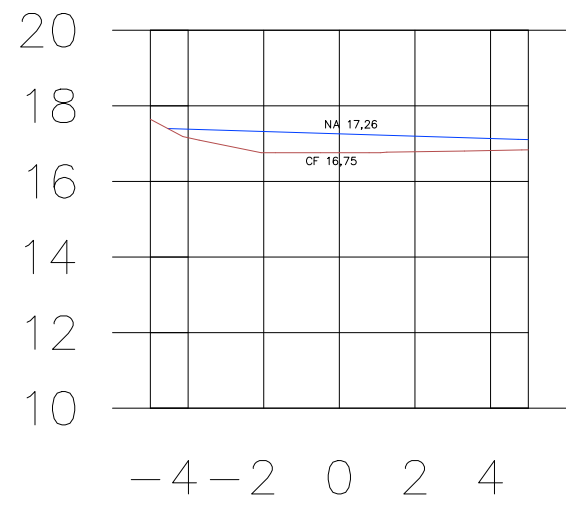
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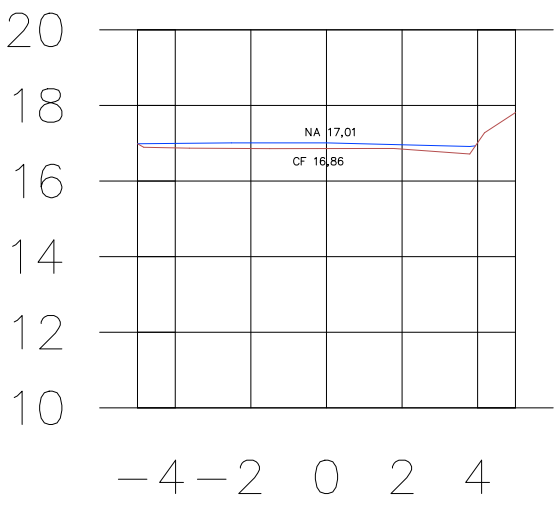
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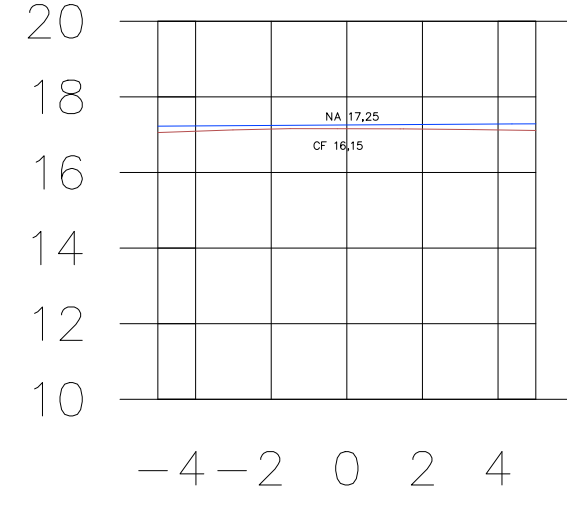
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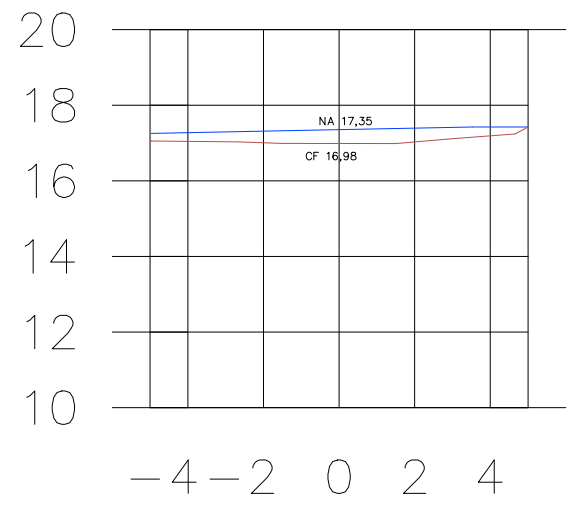
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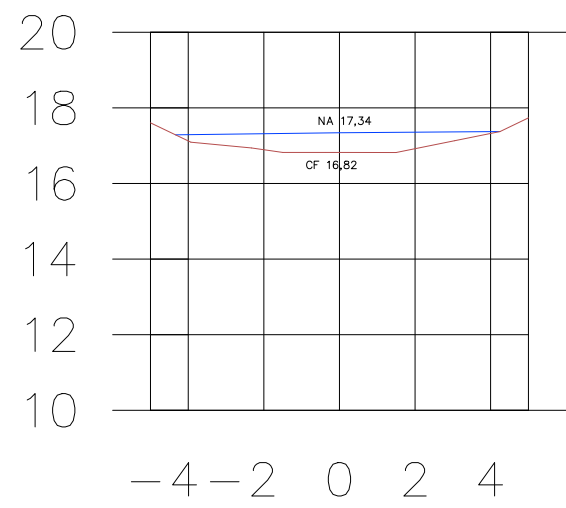
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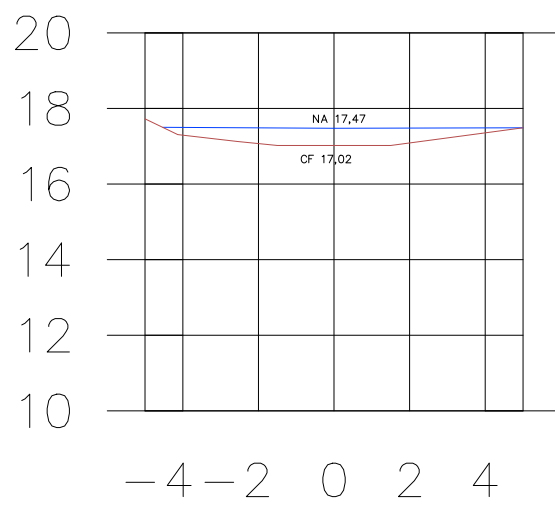
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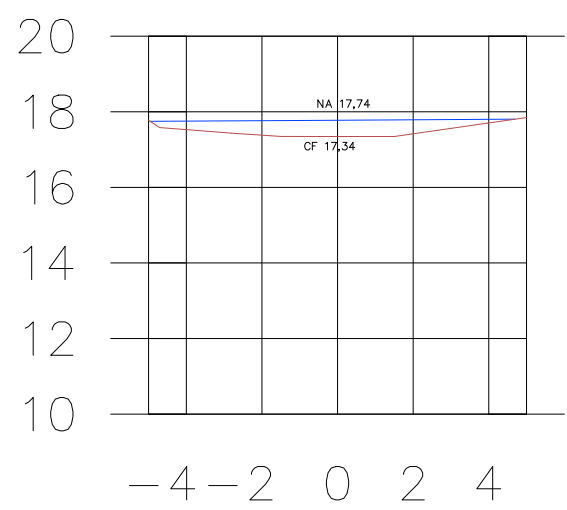
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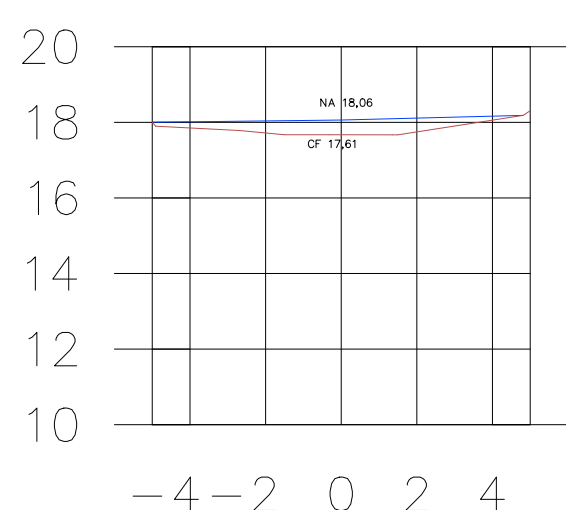
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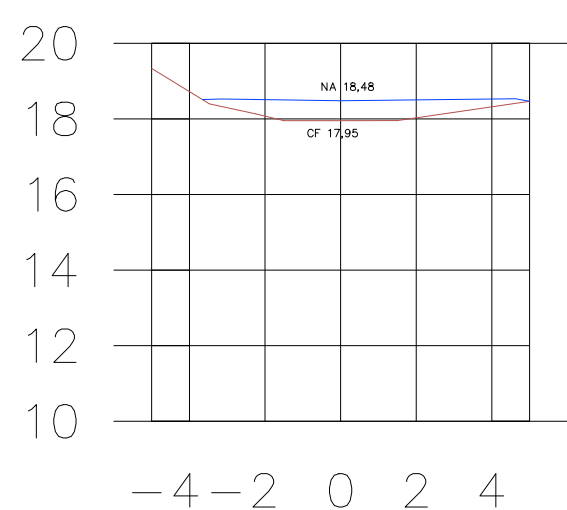
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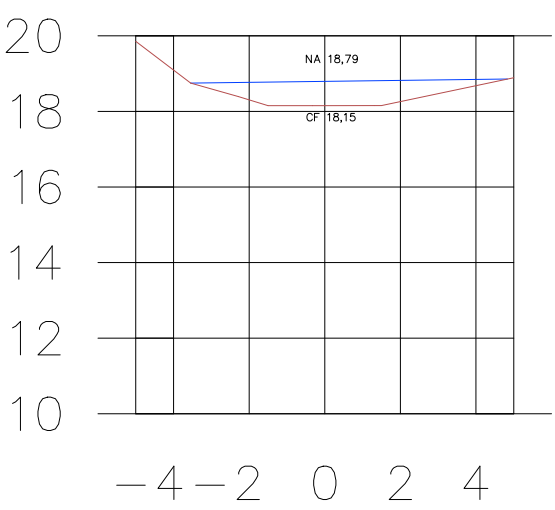
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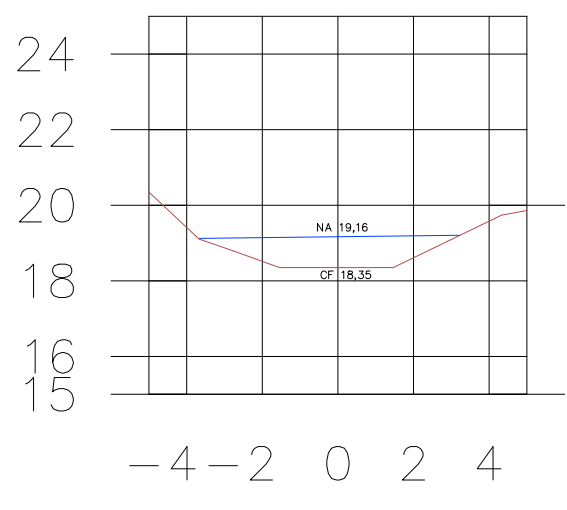
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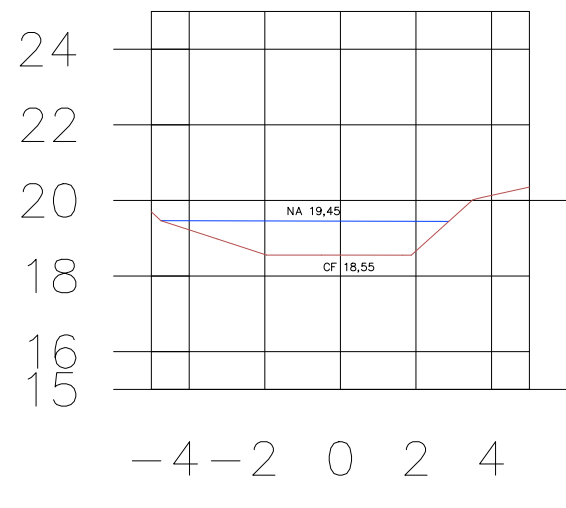
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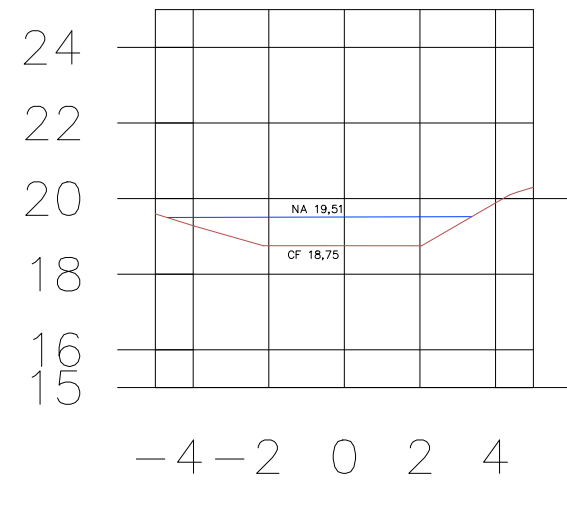
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LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

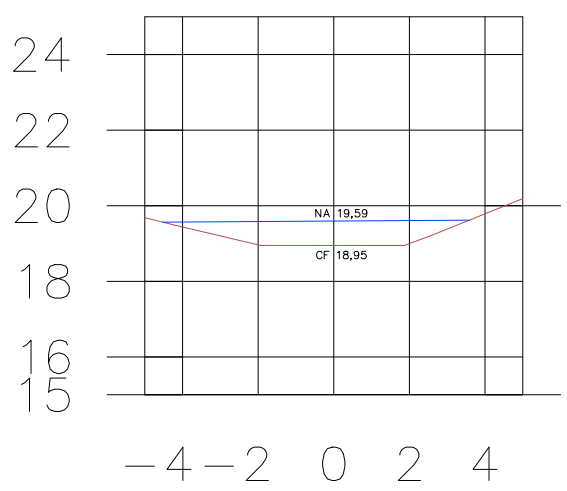
- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
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DOCUMENTOS DE REFERÊNCIA

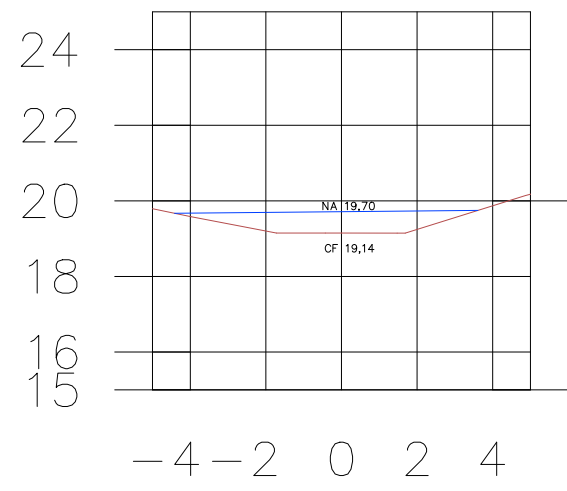
1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição
<div><div><div>inea</div><div>instituto estadual do ambiente</div></div><div><div>Secretaria de Ambiente e Sustentabilidade</div></div><div></div><div><div>GOVERNO DO ESTADO</div><div>RIO DE JANEIRO</div></div><div></div></div>		
ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO		
LEVANTAMENTO TOPOGRÁFICO SEÇÕES TRANSVERSAIS - E 0+0,00 A E 0+320,00		
<div><div>CONSÓRCIO APOIO TÉCNICO DIBRAM</div><div><div>cobrope</div><div>Aquila Engenharia</div></div></div> <div><div>RESP. TÉCNICO: CREA-RJ CAU ALBERTO JOSÉ MARINHO AMBICREIA-RJ 202510621</div><div>PROJETISTA: CREA-RJ CAU ALBERTO JOSÉ MARINHO AMBICREIA-RJ 202510621</div><div>APROVADOR: CREA-RJ CAU JOSÉ AUGUSTO GENTILDO CREIA-RJ 363181-0</div></div>		FOLHA 08/25
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B008-DE-R0 ESCALA 1/300

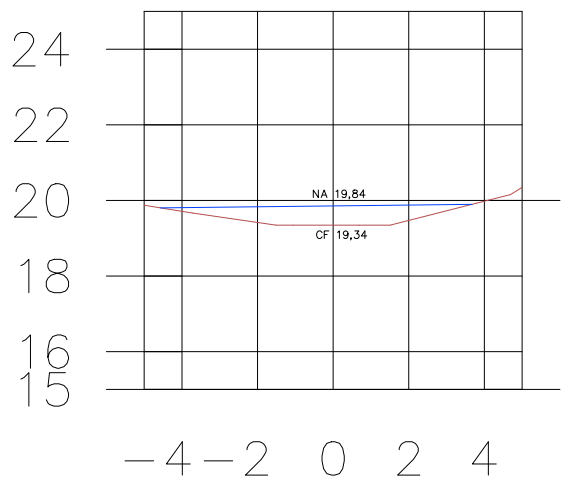
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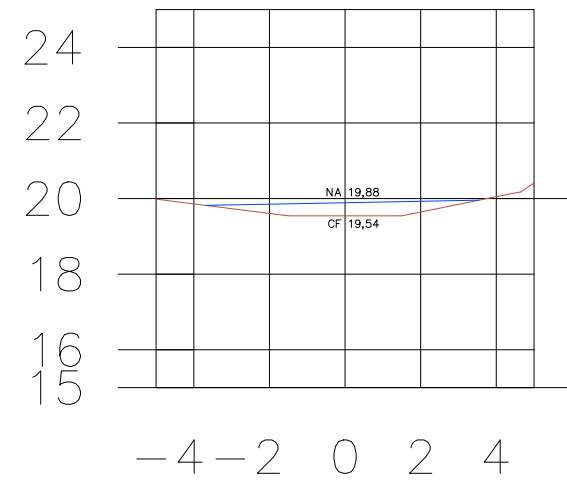
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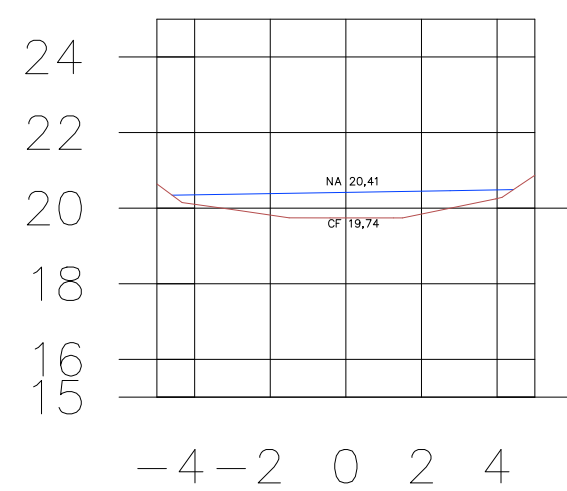
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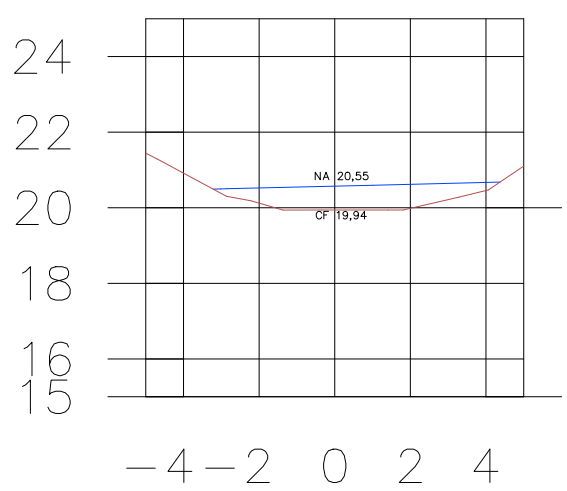
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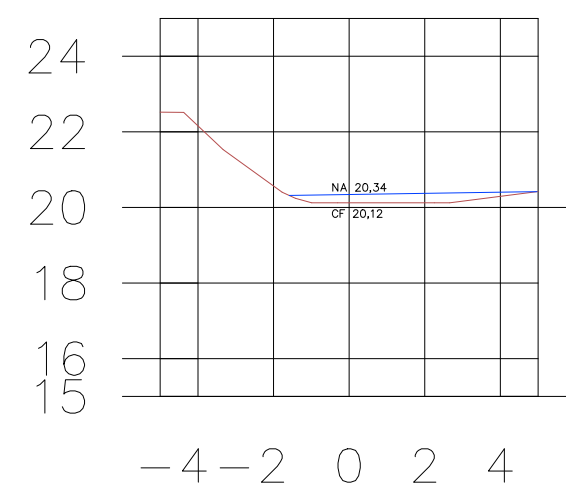
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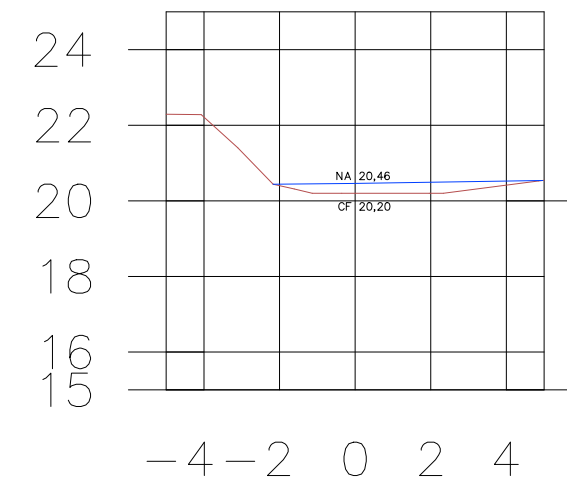
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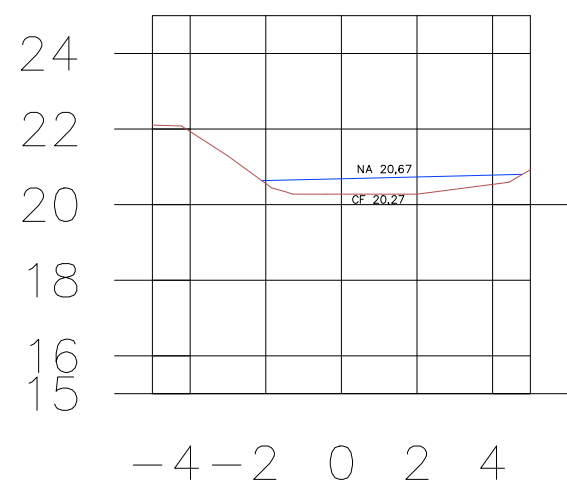
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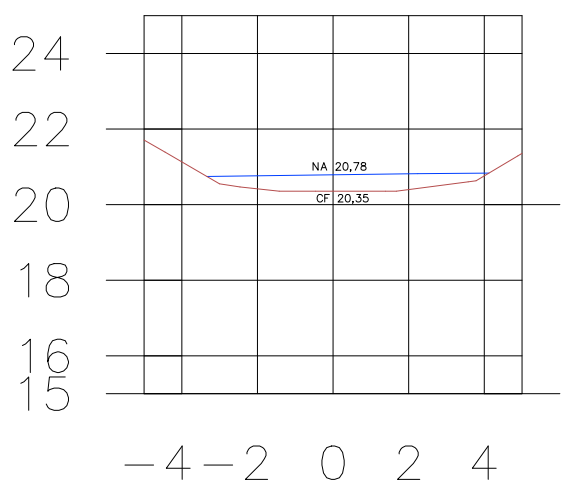
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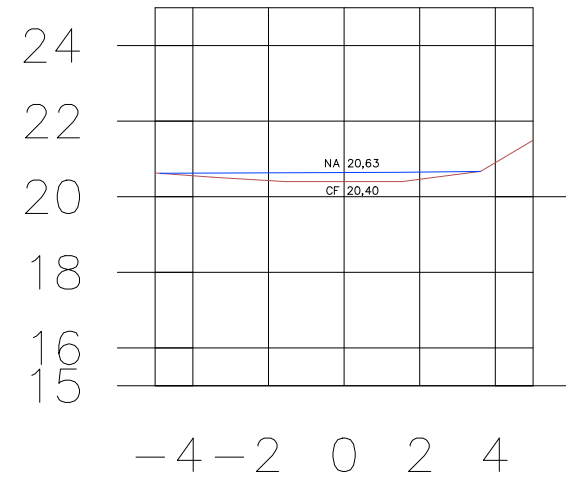
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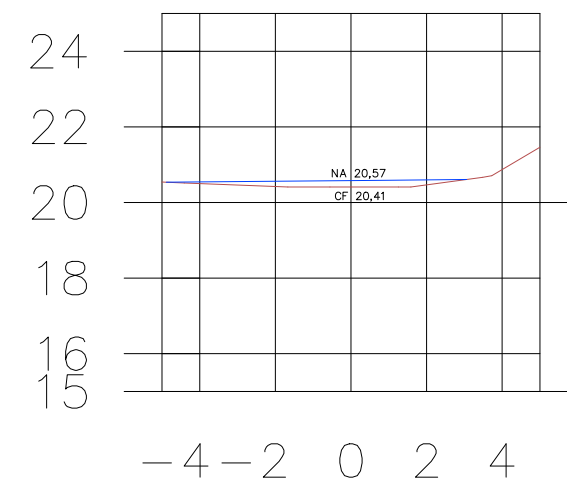
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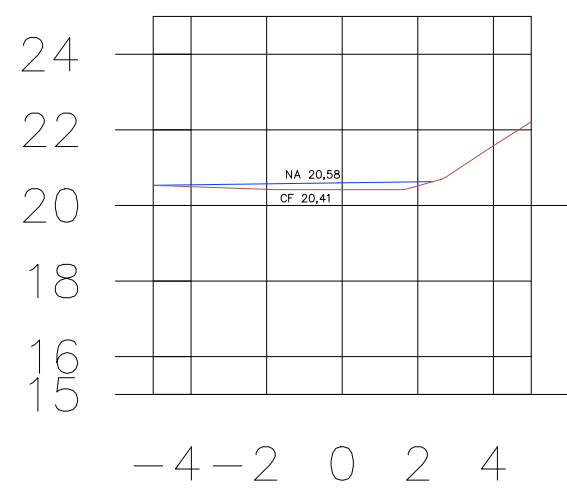
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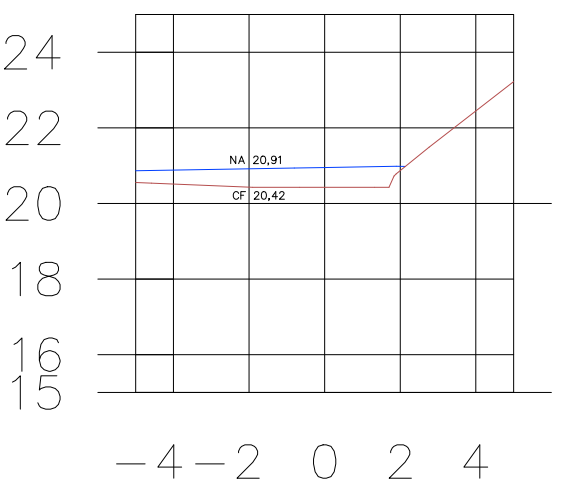
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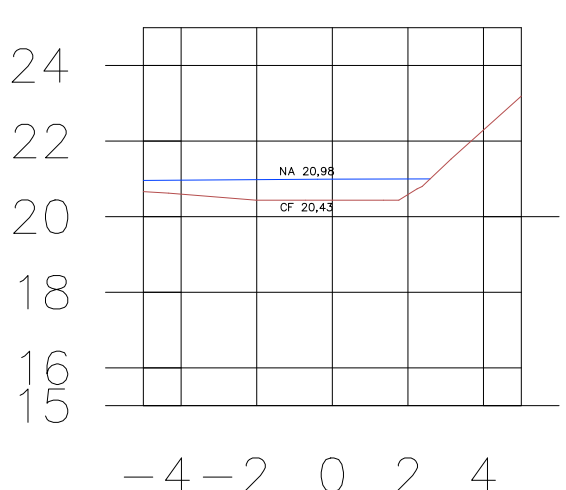
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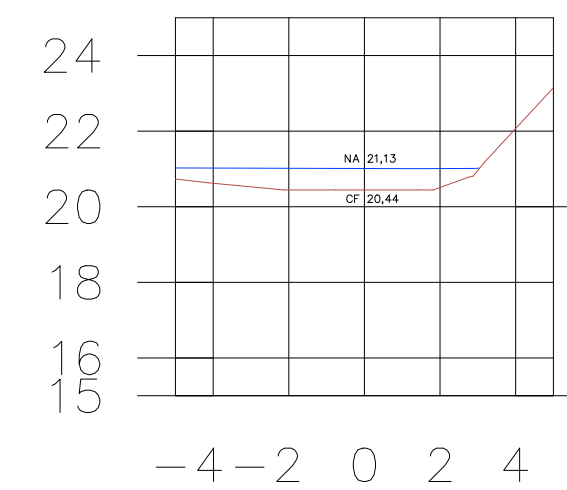
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0+620.00



0+640.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

- DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição



instituto estadual
do ambiente



Secretaria de
Ambiente e
Sustentabilidade



GOVERNO DO ESTADO
RIO DE JANEIRO



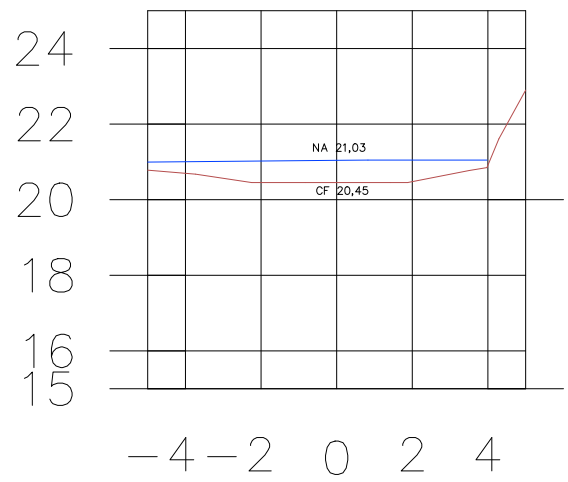
Rio20
a cidade e o mundo

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

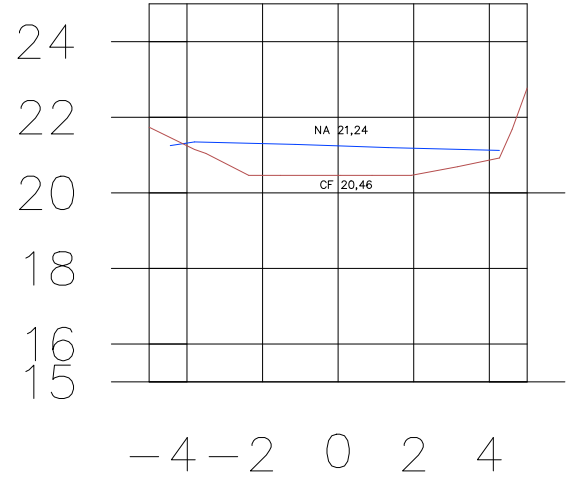
LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 0+340,00 A E 0+640,00

CONSÓRCIO APOIO TÉCNICO DIBRAM	RESP. TÉCNICO: CREA/RJ CAU ALBERTO JOSÉ MARINHO AMBICREIA/RJ 203108201	FOLHA 09/25
 	PROJETISTA: CREA/RJ CAU ALBERTO JOSÉ MARINHO AMBICREIA/RJ 203108201	
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B009-DE-R0
		ESCALA 1/200

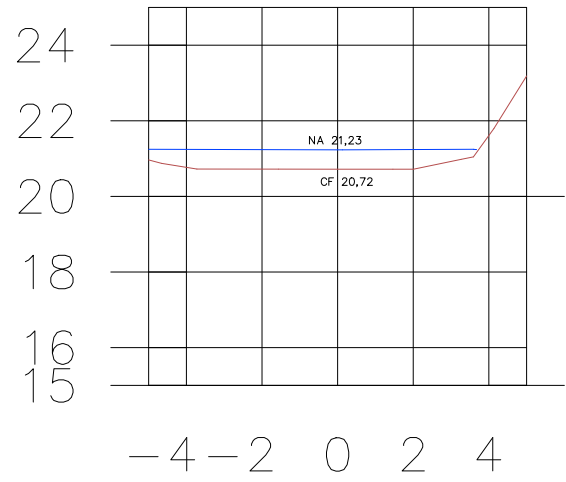
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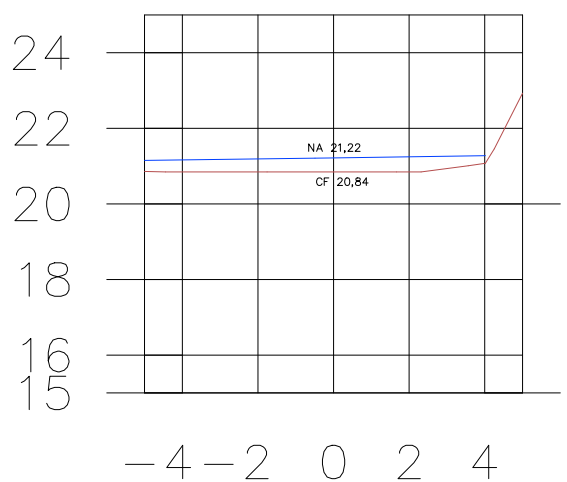
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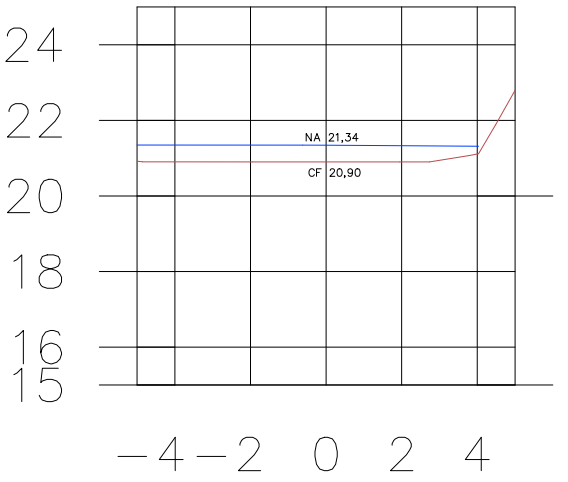
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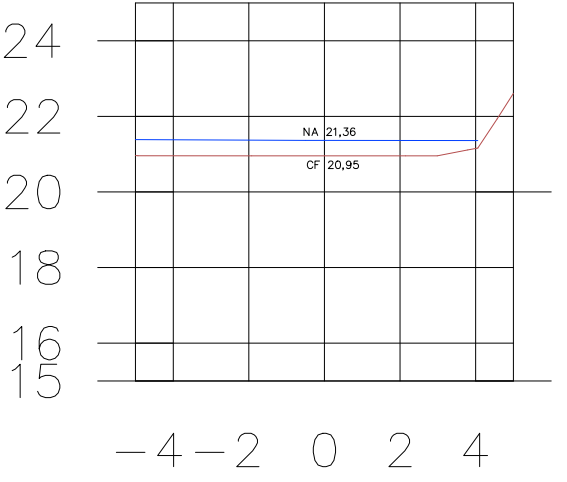
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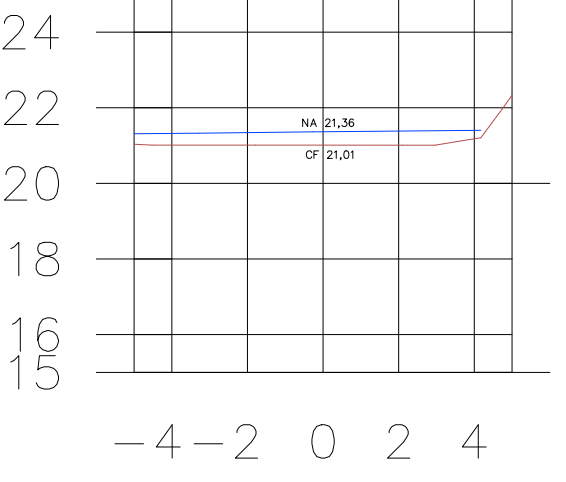
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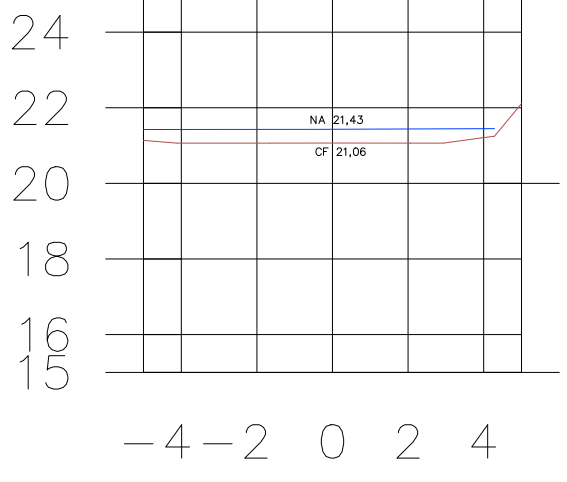
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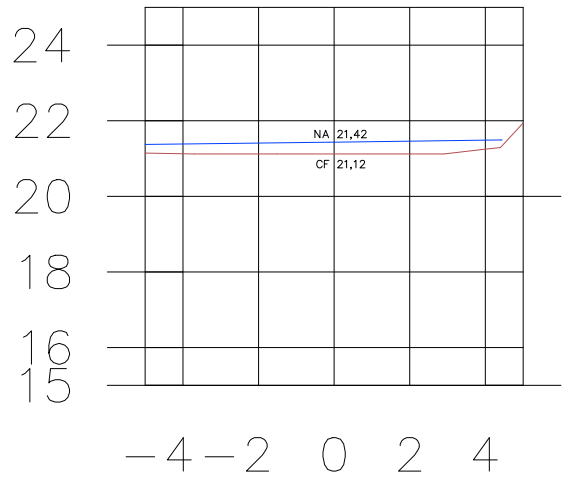
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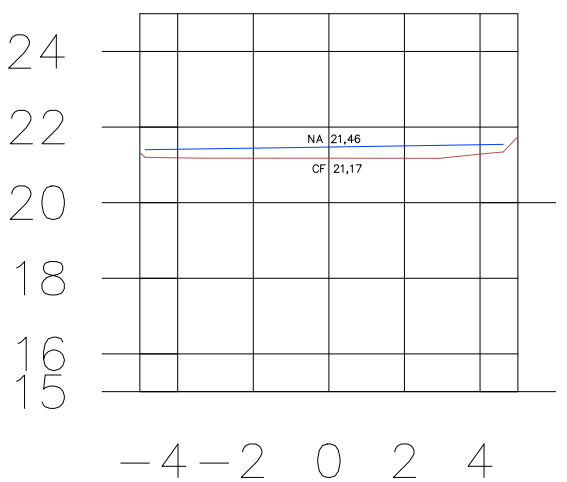
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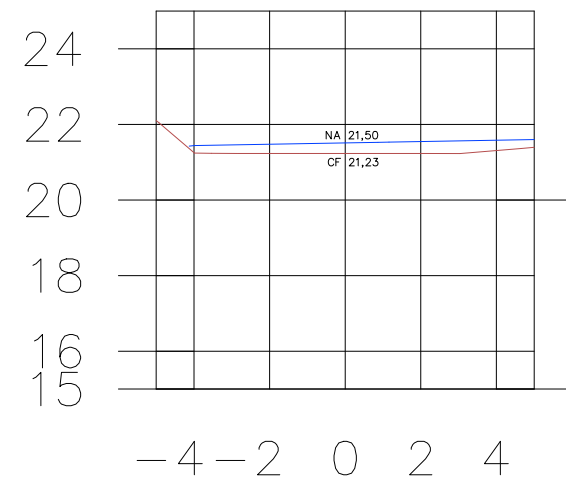
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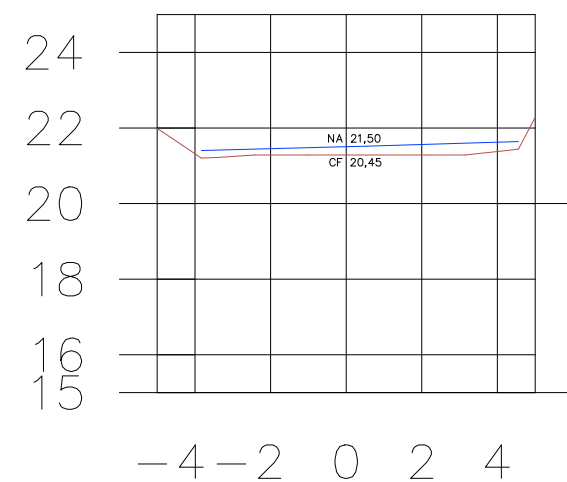
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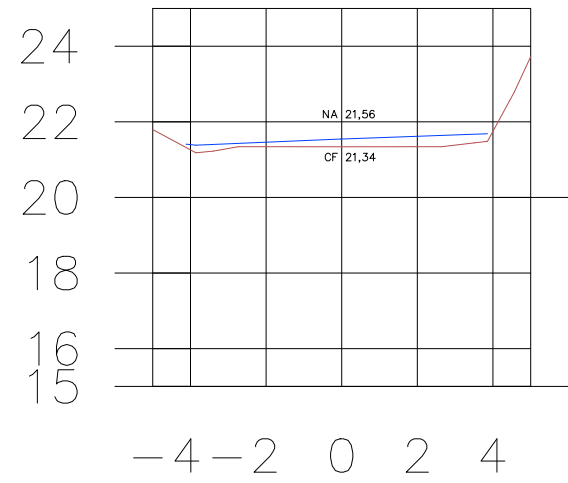
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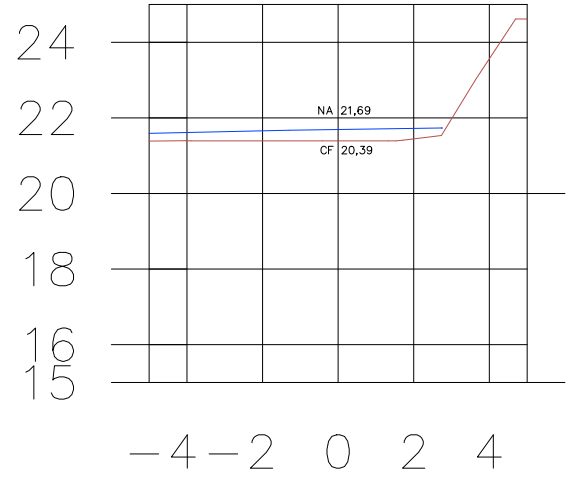
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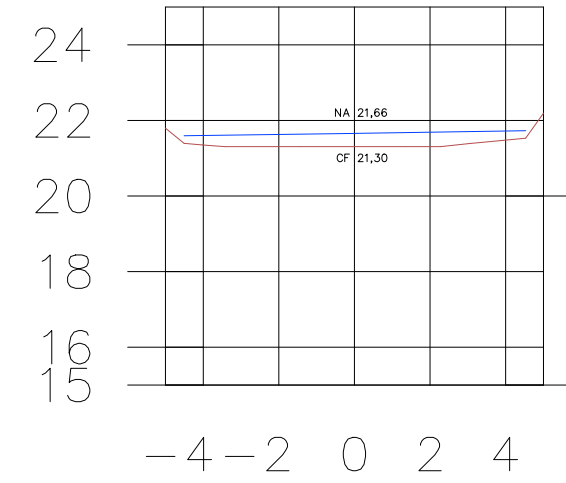
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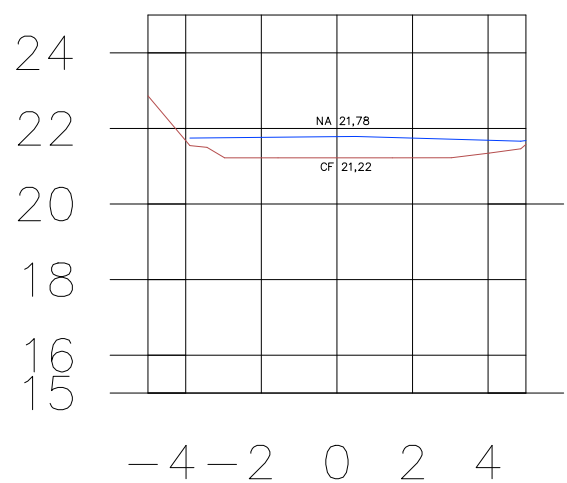
0+920.00



0+940.00



0+960.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

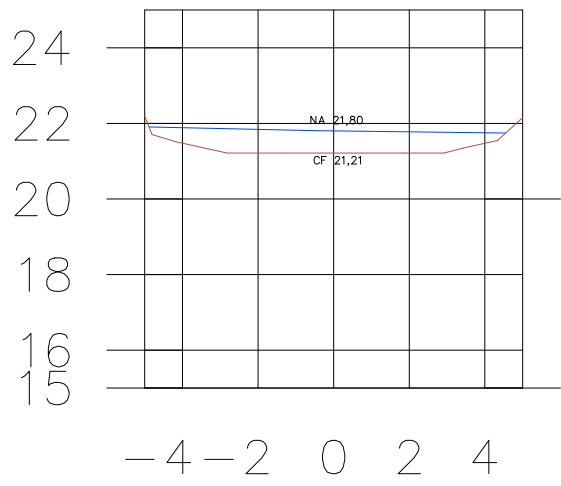
- 1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição

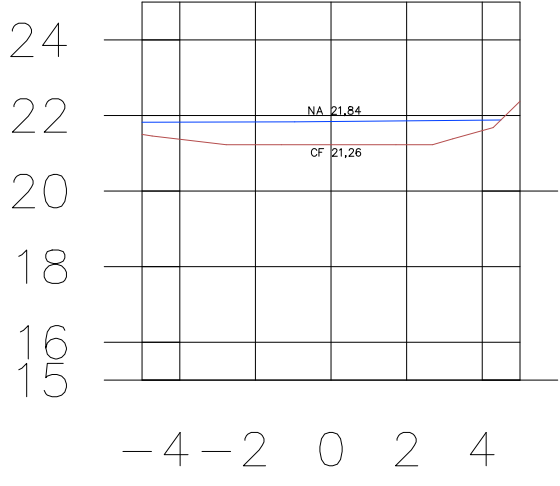


ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO			
LEVANTAMENTO TOPOGRÁFICO SEÇÕES TRANSVERSAIS - E 0+660,00 A E 0+960,00			
CONSÓRCIO APOIO TÉCNICO DIBRAM cobrope Aquila Engenharia	RESP. TÉCNICO: CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBICREIA-RJ 202510621 PROJETISTA: CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBICREIA-RJ 202510621 APROVADOR: CREA-RJ CAU JOSÉ AUGUSTO GENTRODREIA-RJ 3631810	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B010-DE-R0	FOLHA 10/25
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	ESCALA 1/200	

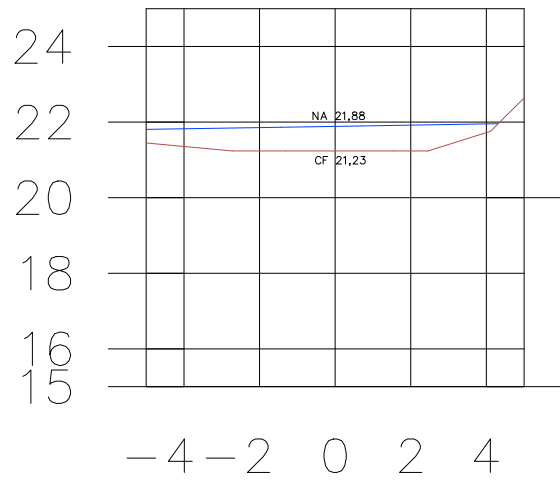
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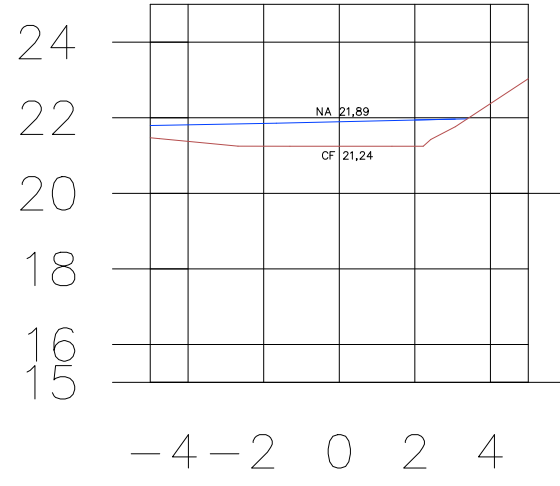
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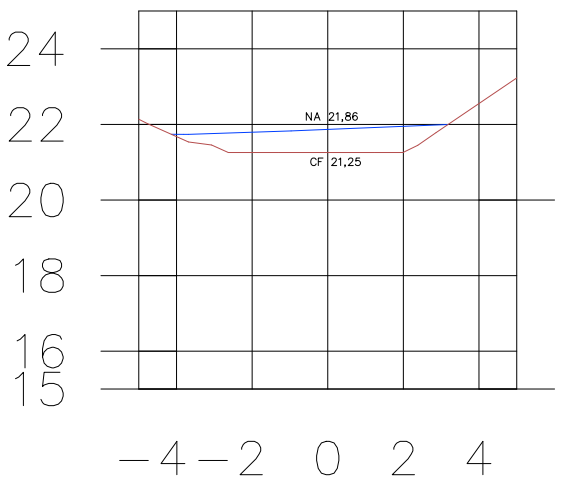
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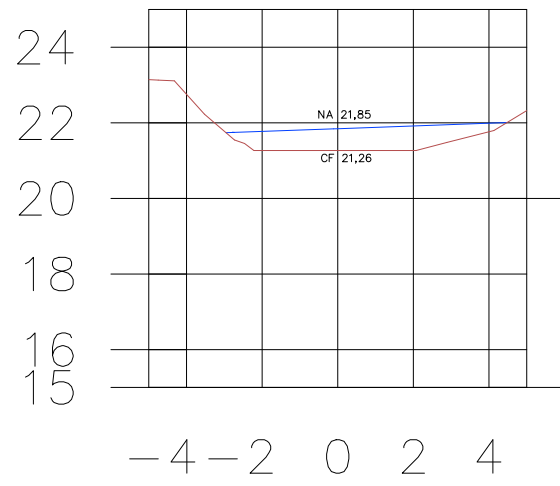
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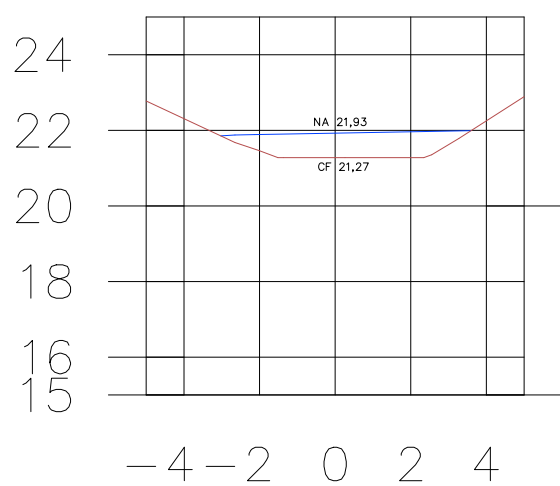
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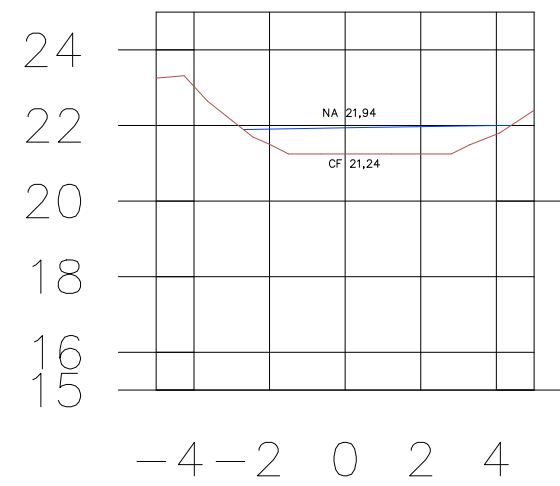
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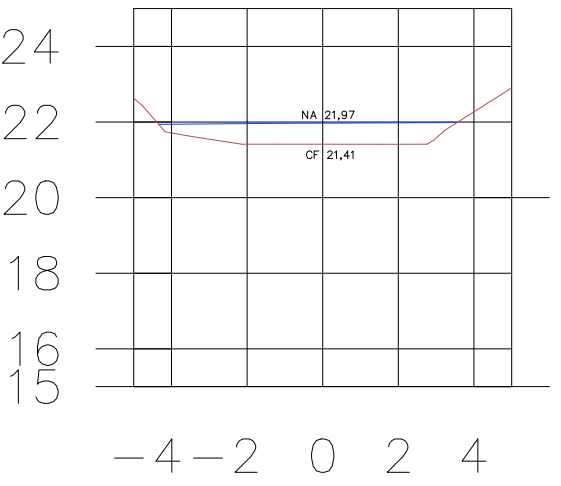
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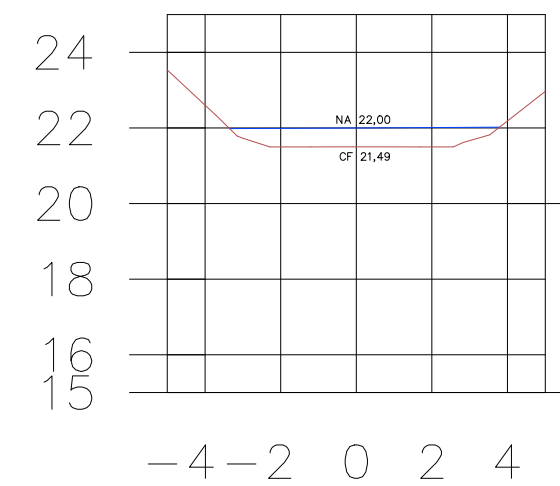
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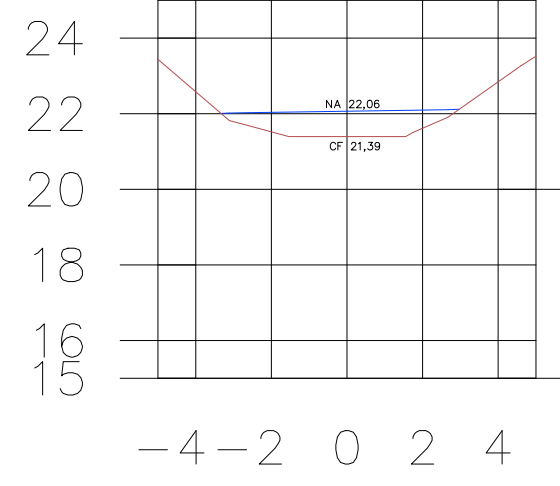
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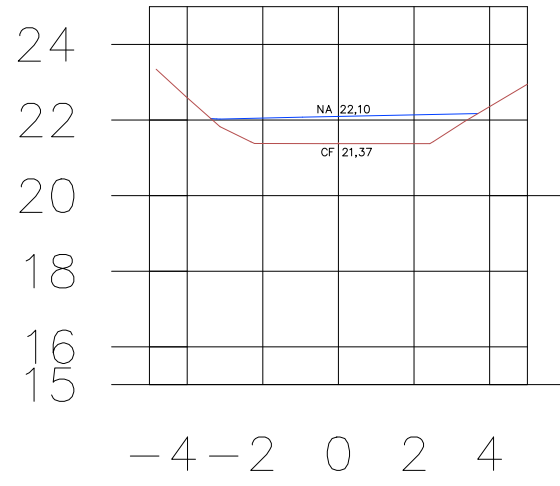
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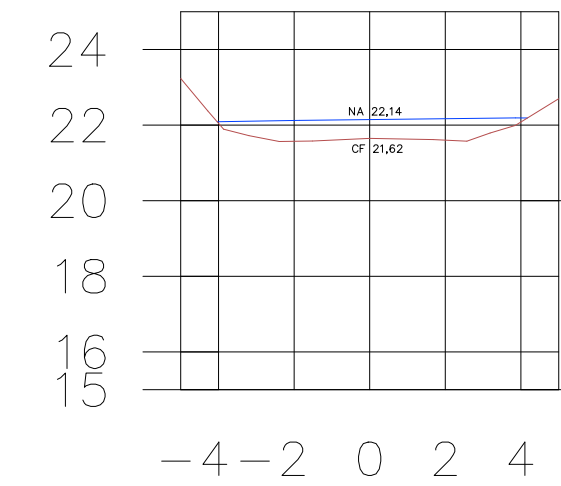
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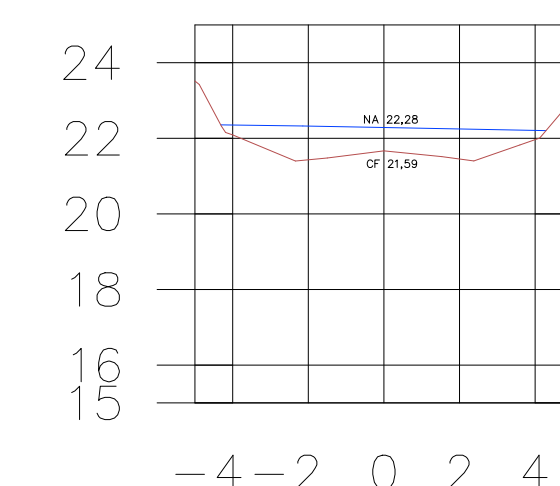
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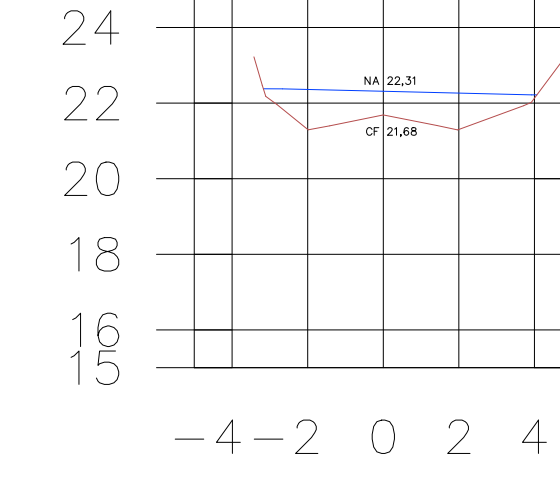
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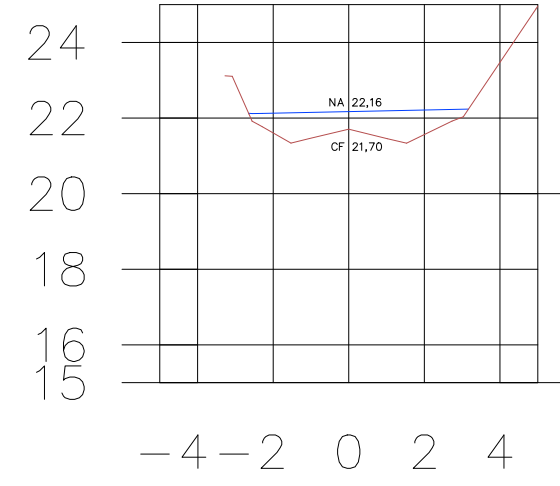
1+240.00



1+260.00



1+280.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição



ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 0+980,00 A E 1+280,00

CONSÓRCIO APOIO TÉCNICO DIBRAM



RESP. TÉCNICO: CREA-RJ CAU
ALBERTO JOSÉ MARINHO AMBICREARJ 20310801

PROJETISTA: CREA-RJ CAU
ALBERTO JOSÉ MARINHO AMBICREARJ 20310801

APROFUNDADOR: CREA-RJ CAU
JOSÉ AUGUSTO GASTRODREARJ 3631840

FOLHA
11/25

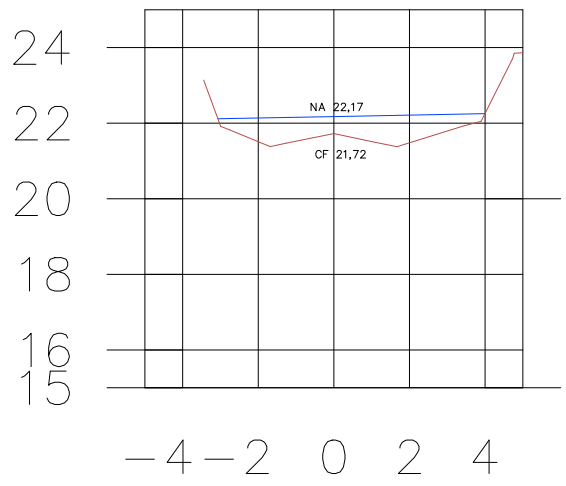
DATA
14/06/2023

AUTOR/IDENT.
RICARDO ROSADO DE OLIVEIRA
CREA RJ 2013135374

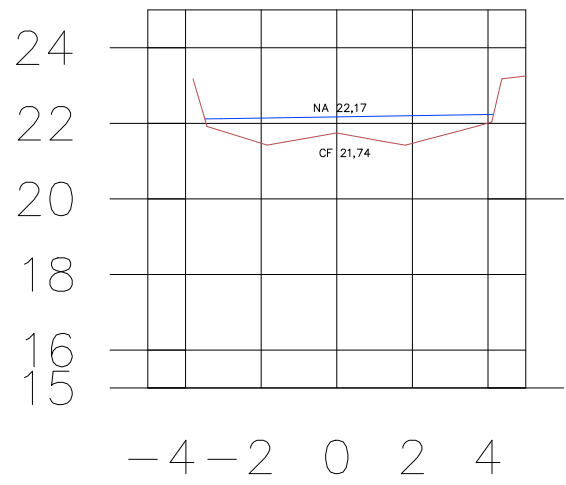
NÚMERO DO DESENHO
DRM-BBGB-PRJ-MRN-1-CCA-B011-DE-R0

ESCALA
1/200

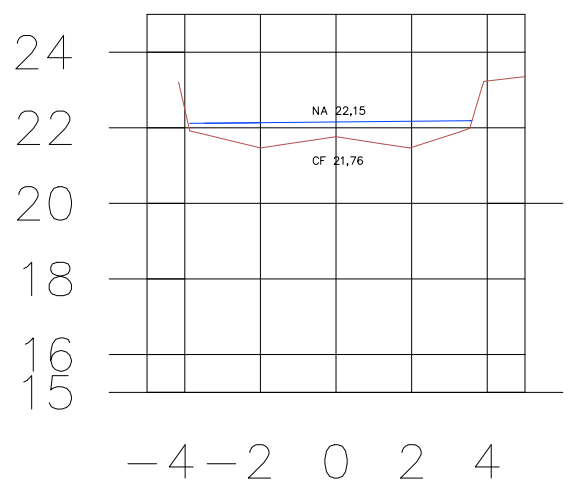
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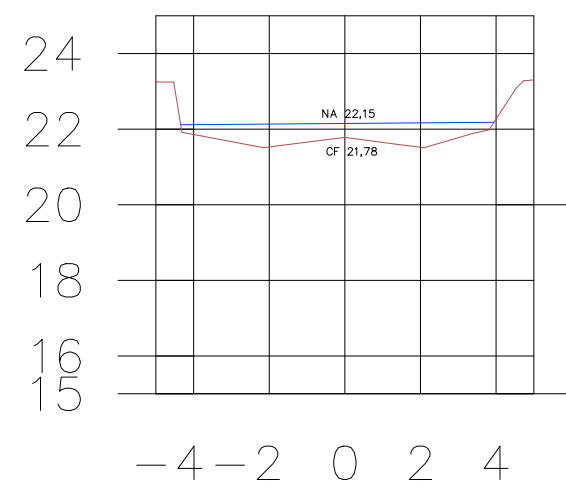
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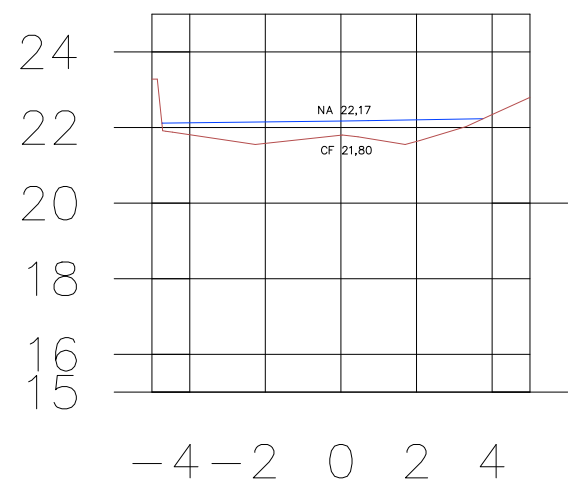
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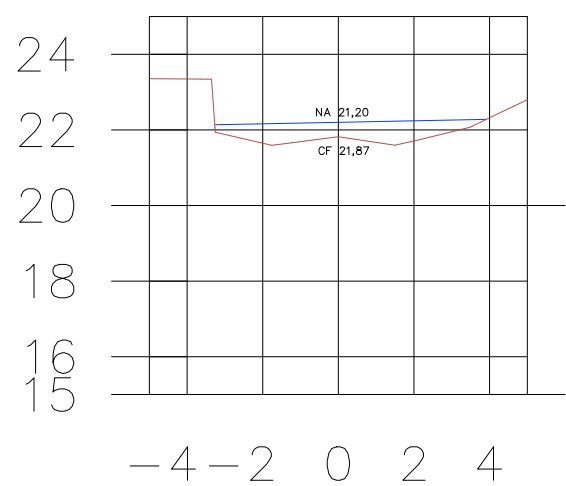
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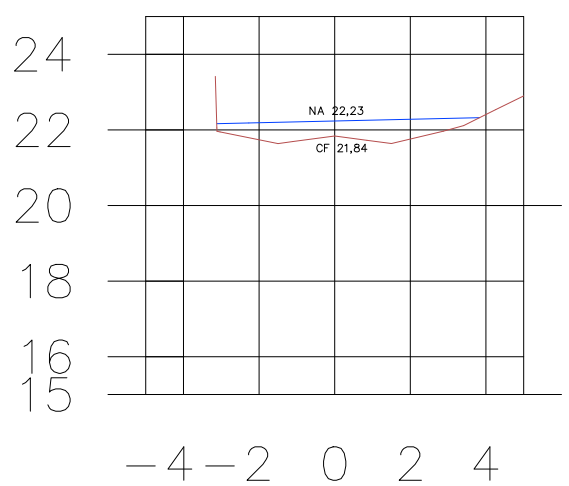
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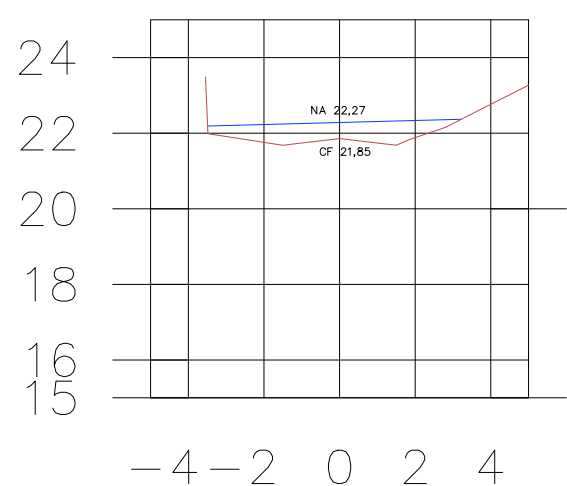
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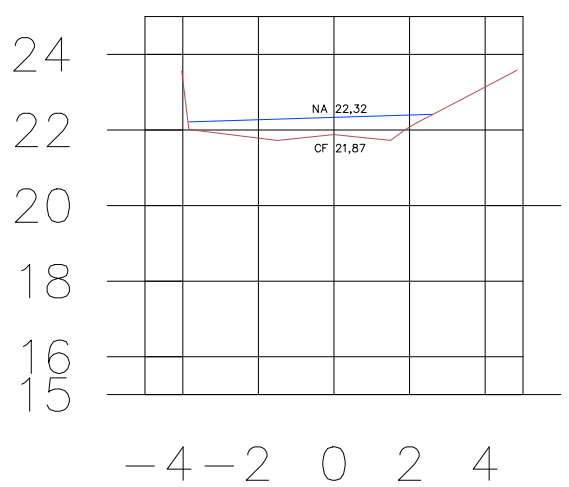
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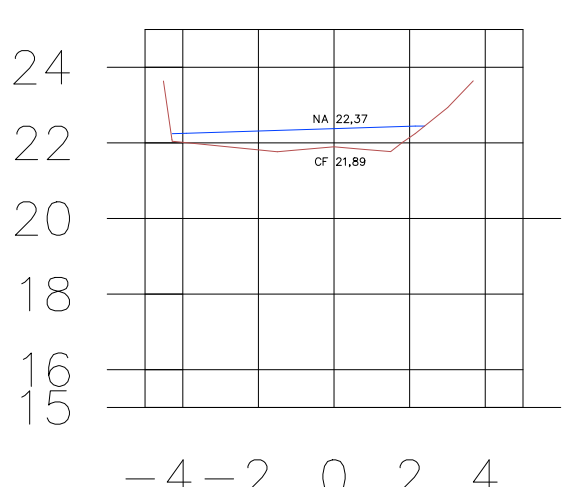
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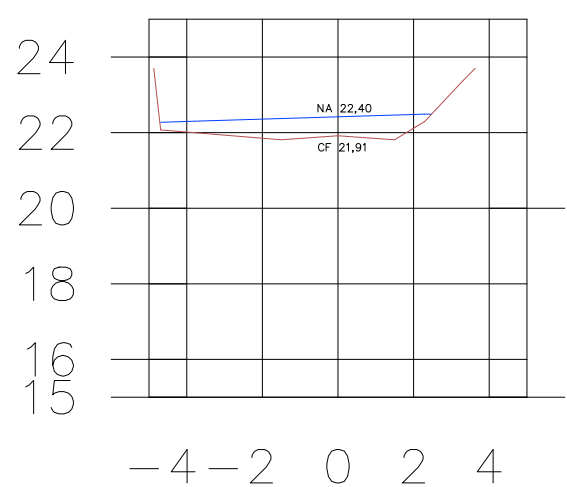
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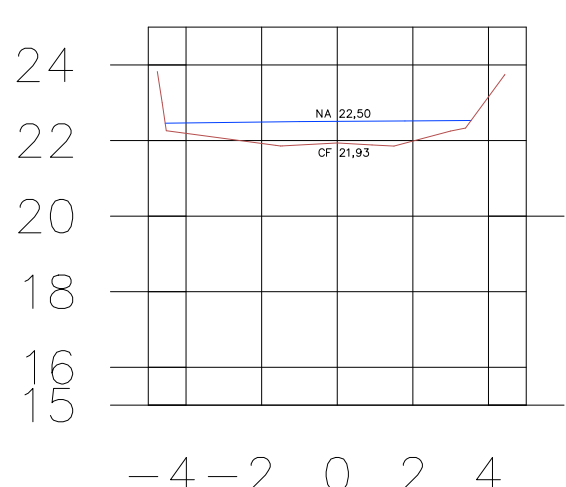
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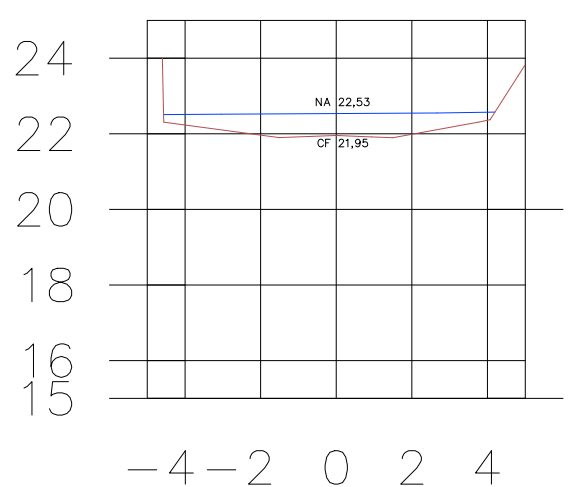
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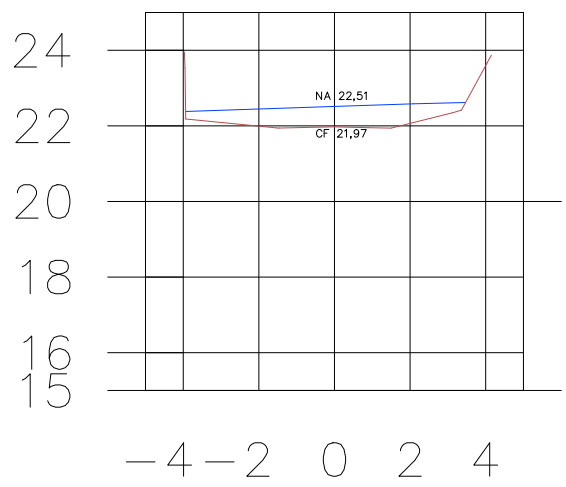
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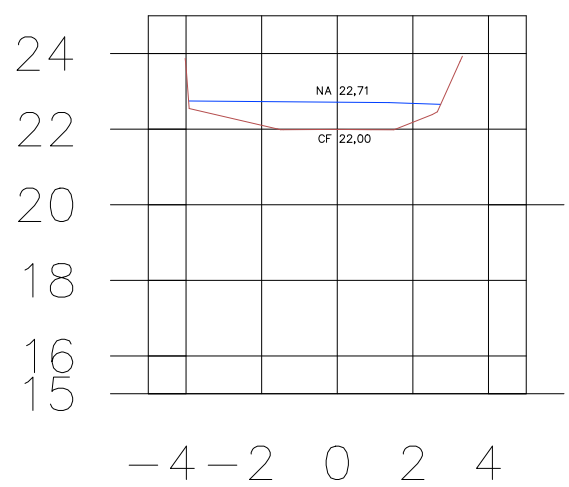
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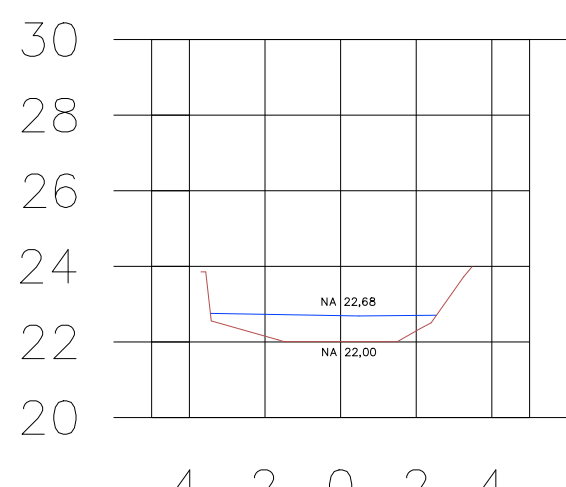
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1+580.00



1+600.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

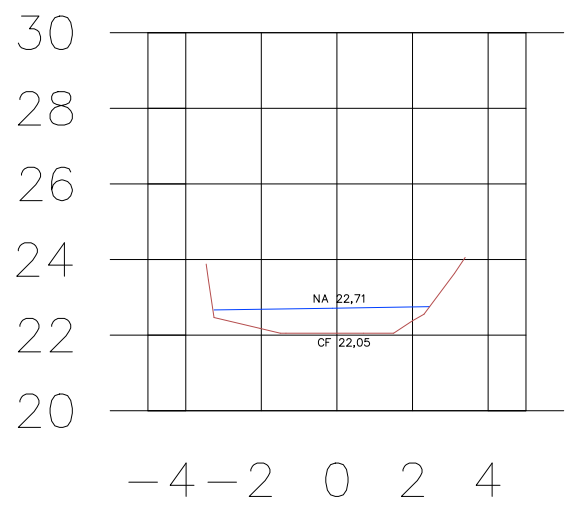
- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAQUEAMENTO.

DOCUMENTOS DE REFERÊNCIA

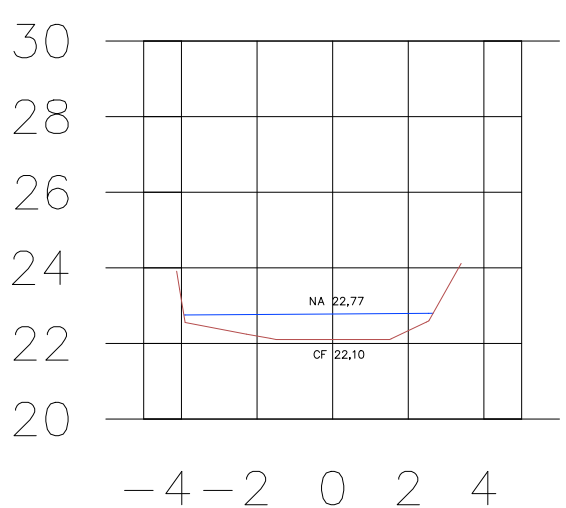
1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição

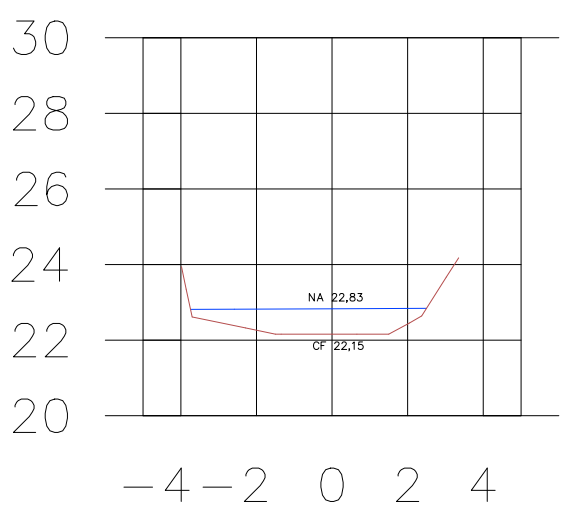
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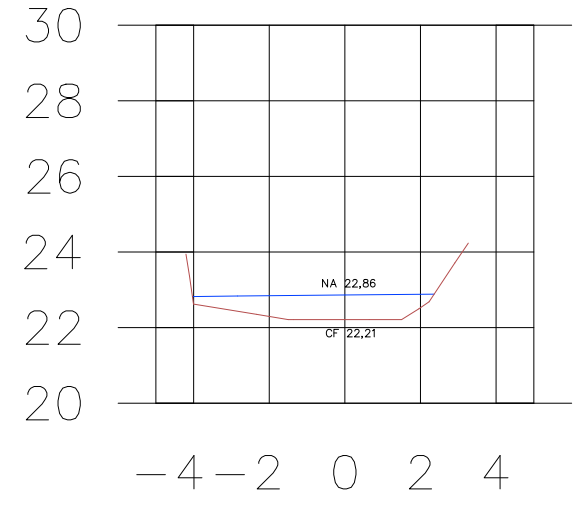
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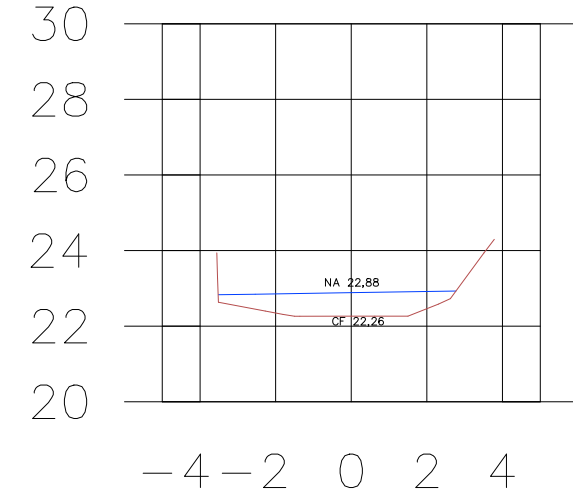
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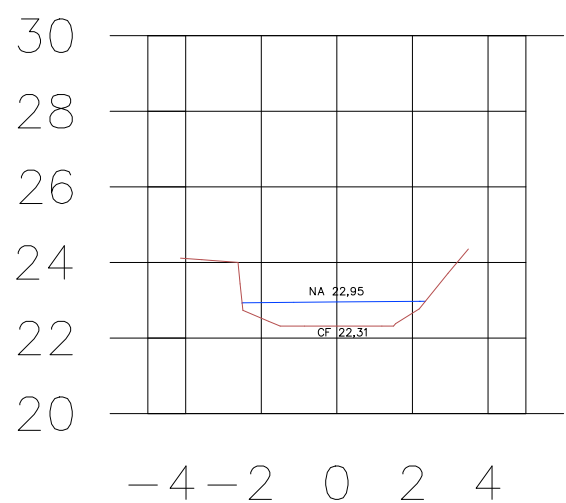
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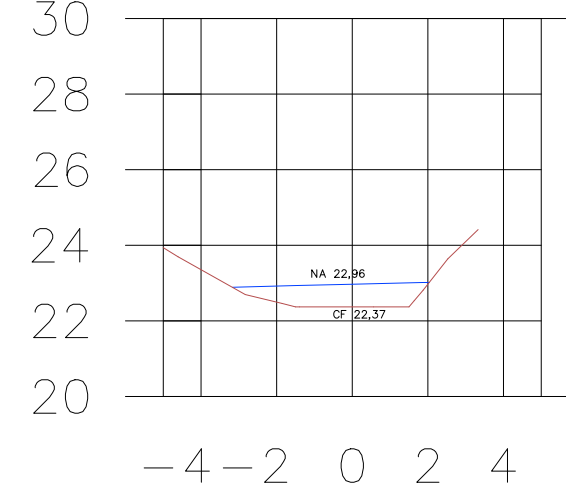
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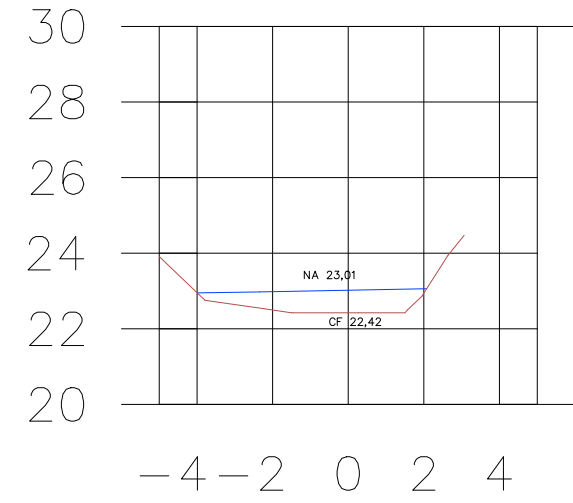
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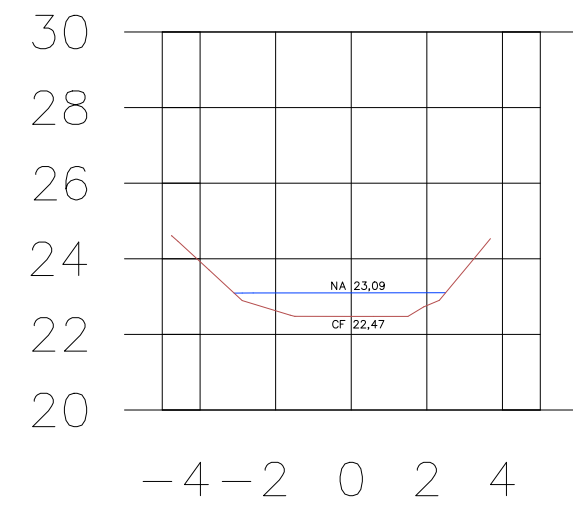
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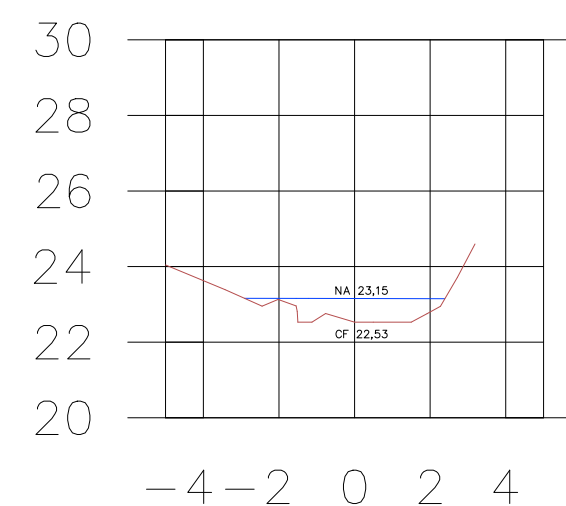
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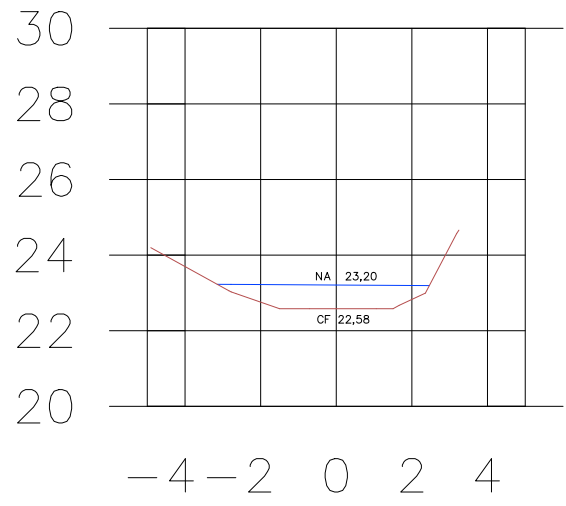
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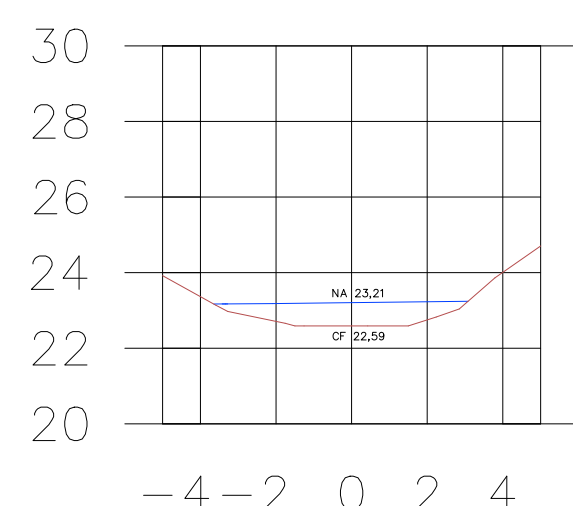
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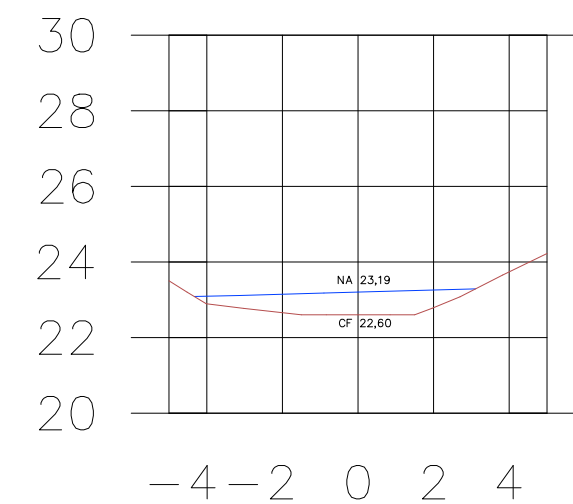
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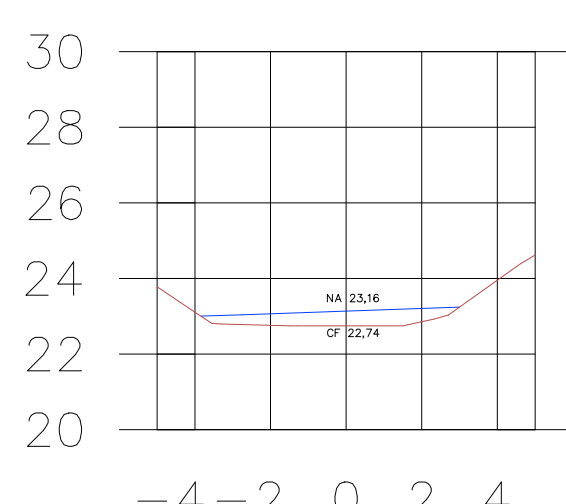
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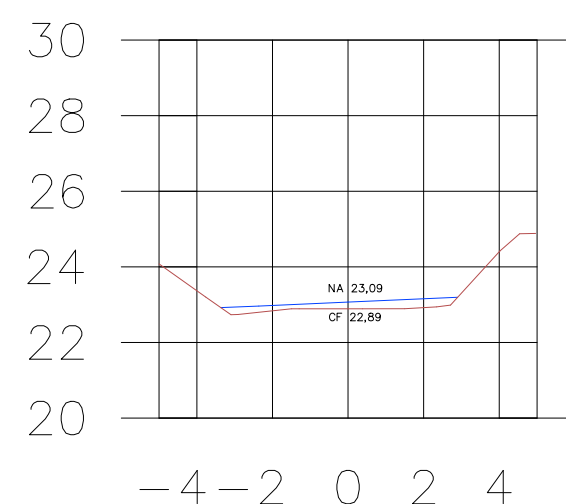
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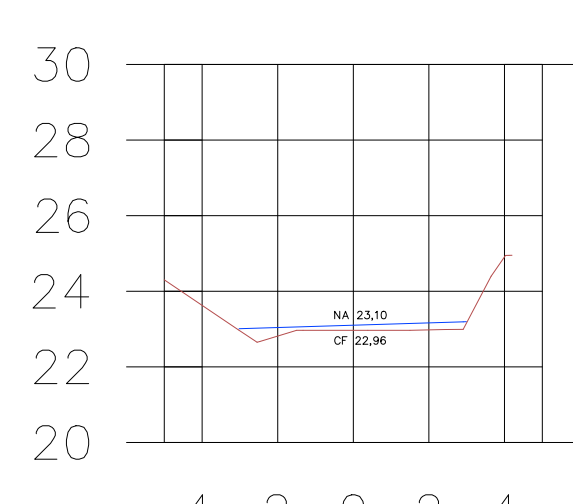
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1+900.00



1+920.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

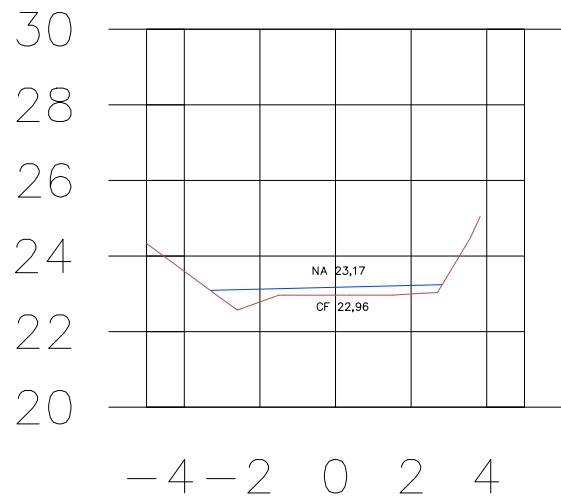
- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

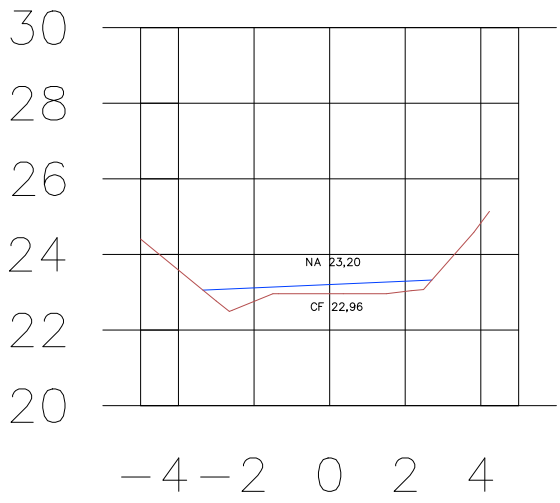
1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição
<div><div><div>inea</div><div>instituto estadual do ambiente</div></div><div><div>Secretaria de Ambiente e Sustentabilidade</div></div><div></div><div><div>GOVERNO DO ESTADO</div><div>RIO DE JANEIRO</div></div><div></div></div>		
ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO		
LEVANTAMENTO TOPOGRÁFICO SEÇÕES TRANSVERSAIS - E 1+620,00 A E 1+920,00		
<div><div>CONSÓRCIO APOIO TÉCNICO DIBRAM</div><div><div>cobrape</div><div>Aquila</div><div>Engenharia</div></div></div> <div><div>RESP. TÉCNICO: CREA OU CAU</div><div>ALBERTO JOSÉ MARINHO ABBACREIA-RJ 2020118021</div><div>PROJETISTA: CREA OU CAU</div><div>ALBERTO JOSÉ MARINHO ABBACREIA-RJ 2020118021</div><div>APROVADOR: CREA OU CAU</div><div>JOSÉ AUGUSTO CASTROBORGES-RJ 36.519-0</div></div>		FOLHA 13/25
DATA 14/06/2023	AUTOR/IDENT RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B013-DE-R0 ESCALA 1/200

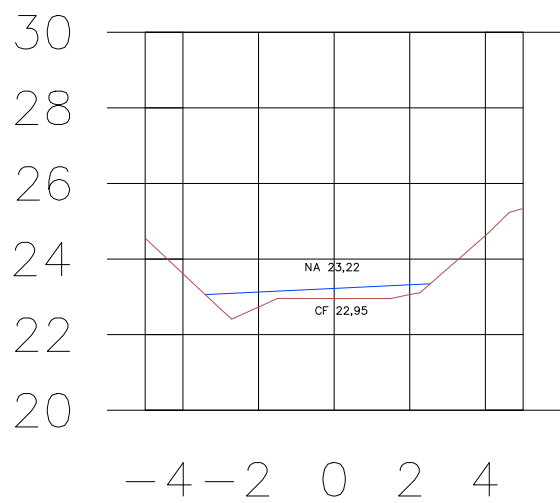
1+940.00



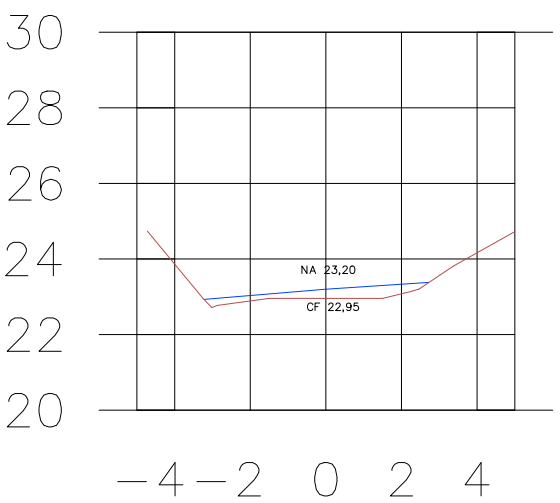
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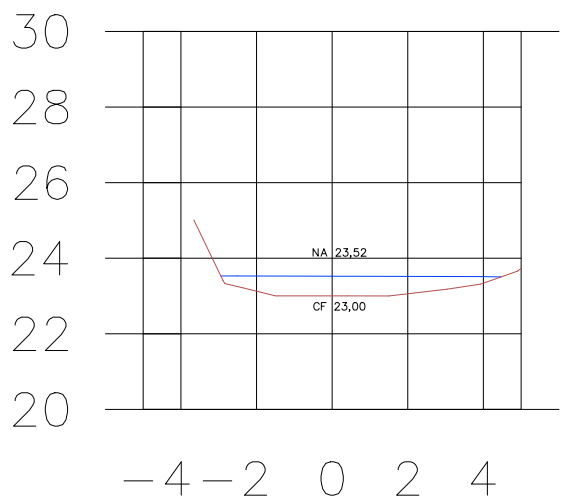
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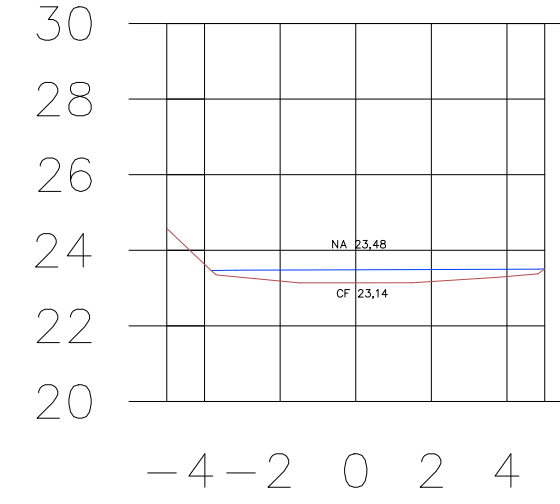
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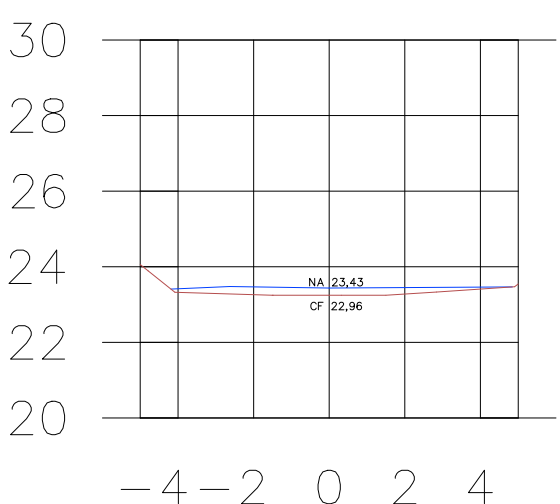
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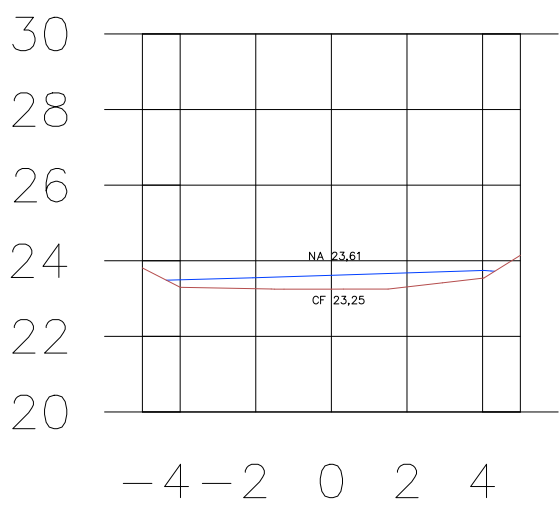
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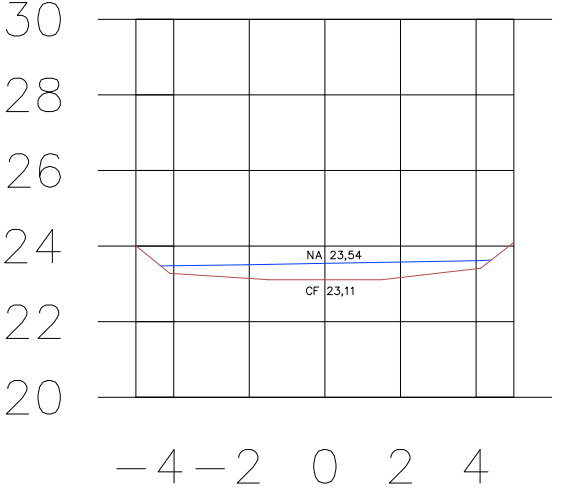
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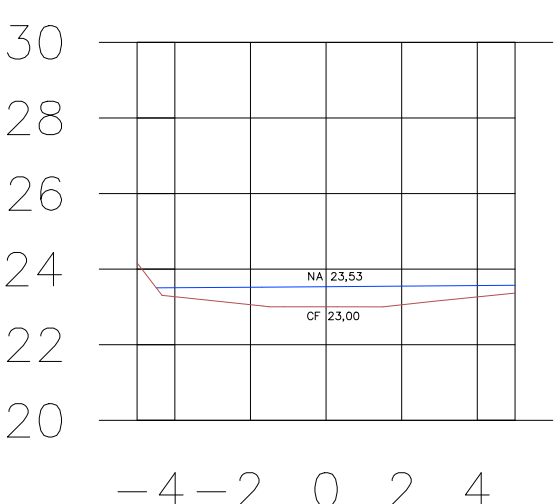
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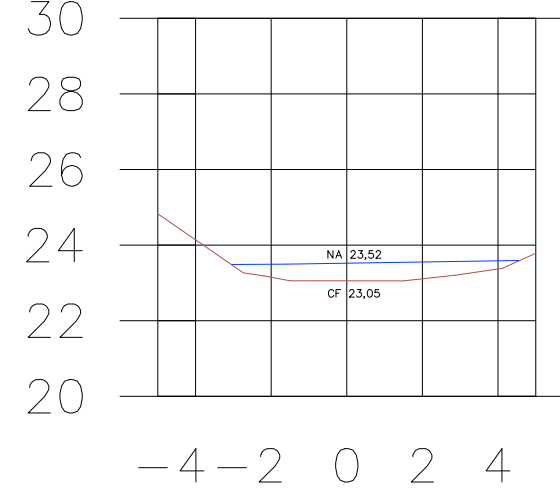
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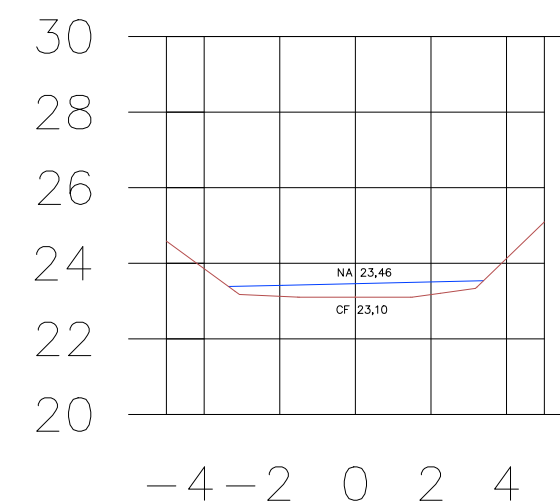
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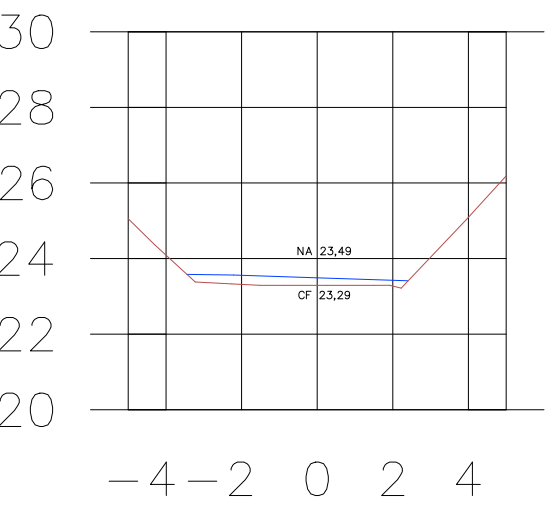
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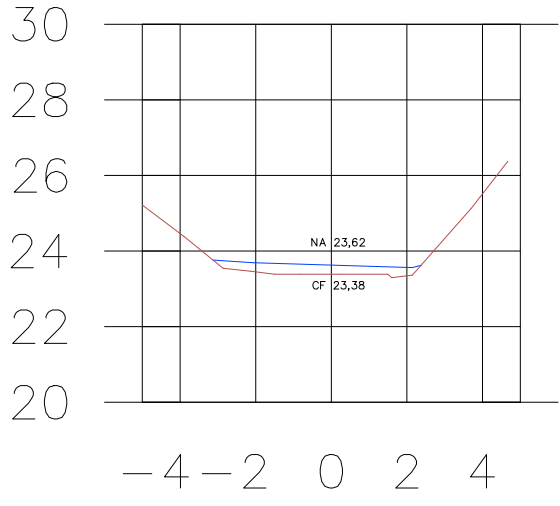
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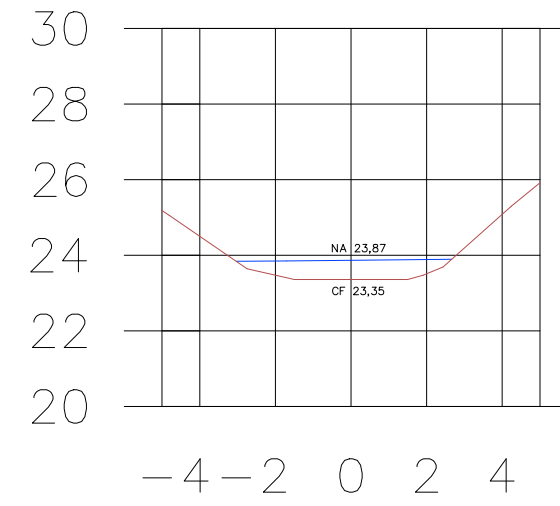
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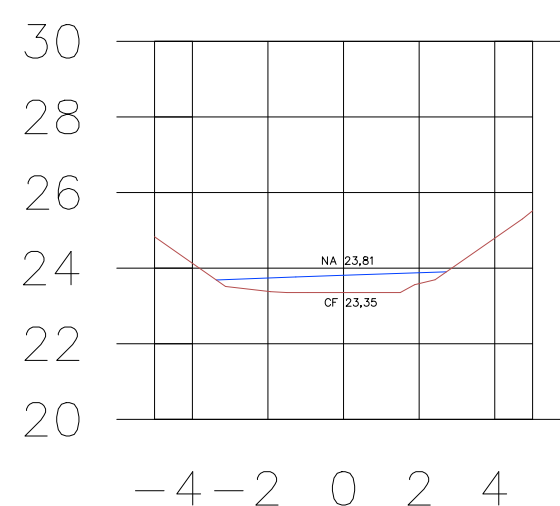
2+200.00



2+220.00



2+240.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- 1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- 2 - AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição



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do ambiente



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Ambiente e
Sustentabilidade





GOVERNO DO ESTADO
RIO DE JANEIRO



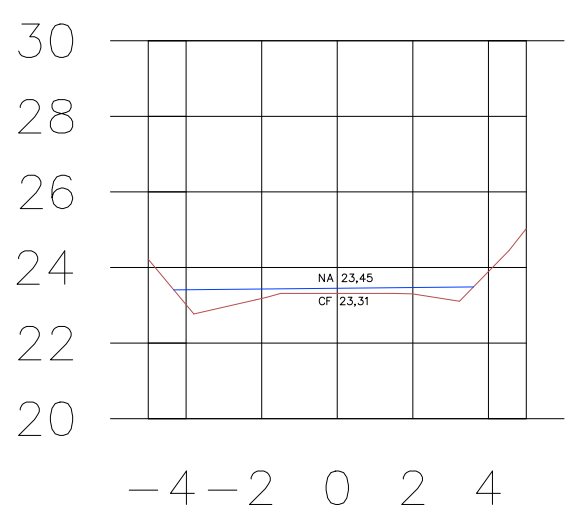
Rio2030
a cidade sustentável

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

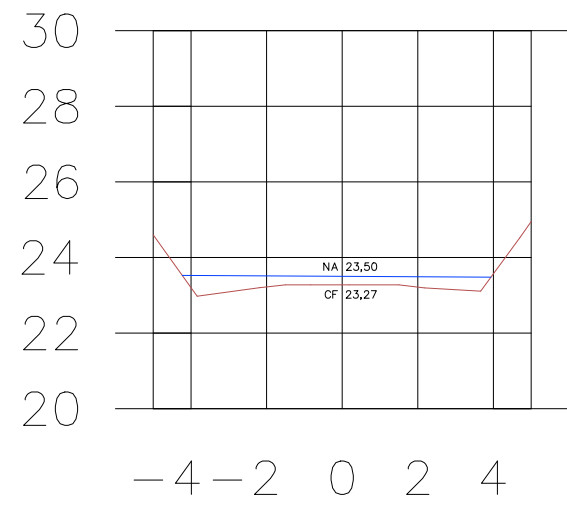
LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 1+940,00 A E 2+240,00

CONSÓRCIO APOIO TÉCNICO DEBIRAM	RESP. TÉCNICO / CREA-RJ CAU ALBERTO JOSÉ MARINHO AMBICREARJ 203108201	FOLHA 14/25
 	PROJETISTA / CREA-RJ CAU ALBERTO JOSÉ MARINHO AMBICREARJ 203108201	
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B014-DE-R0
		ESCALA 1/200

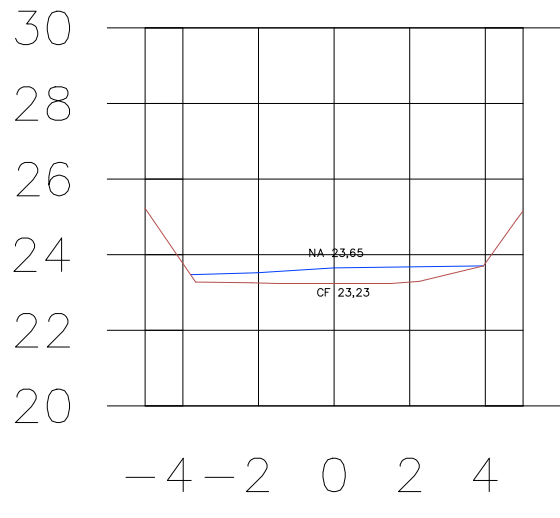
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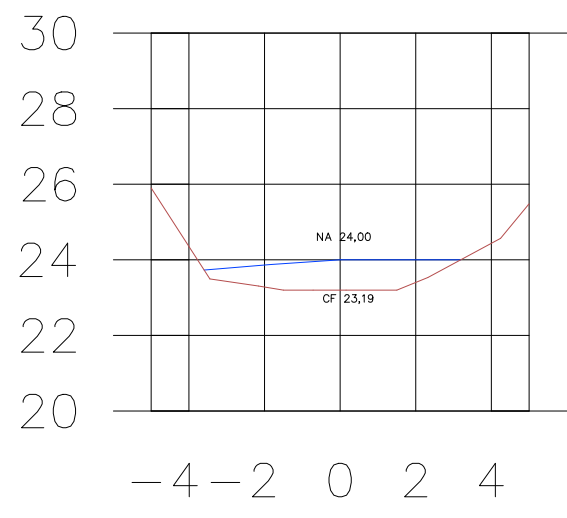
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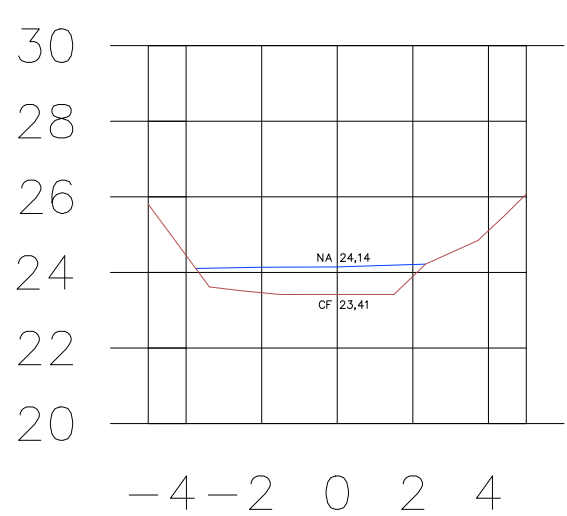
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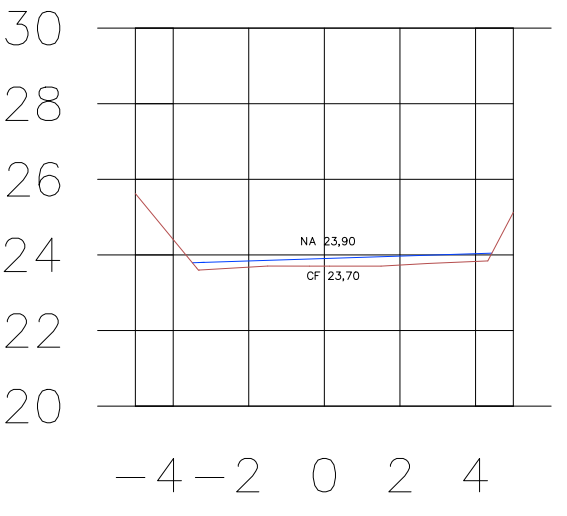
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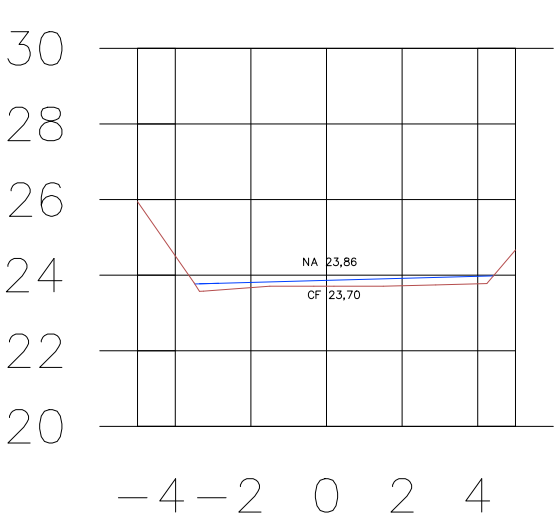
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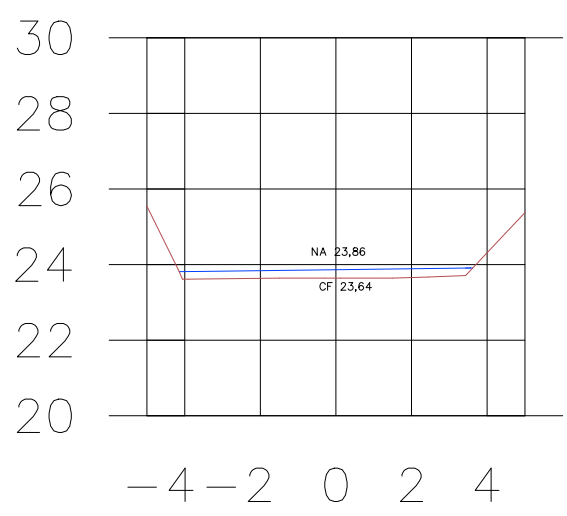
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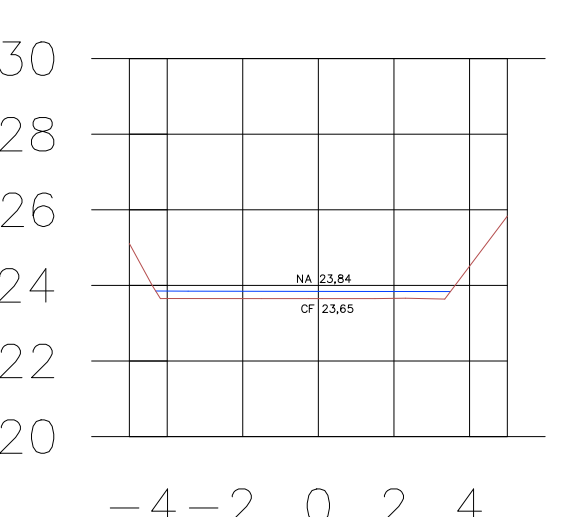
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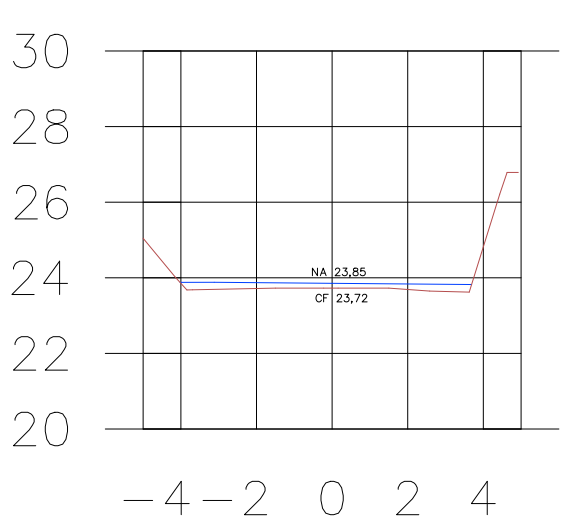
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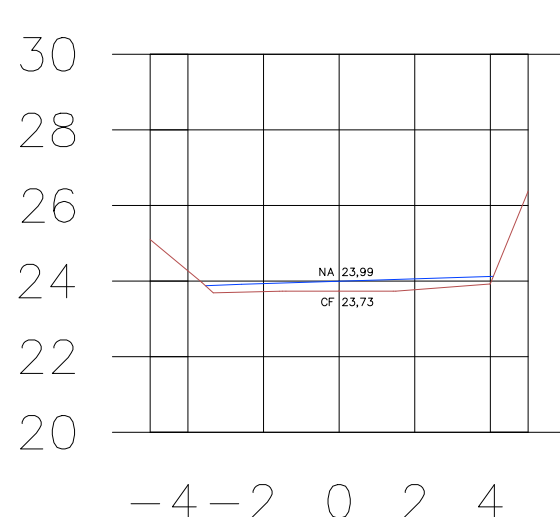
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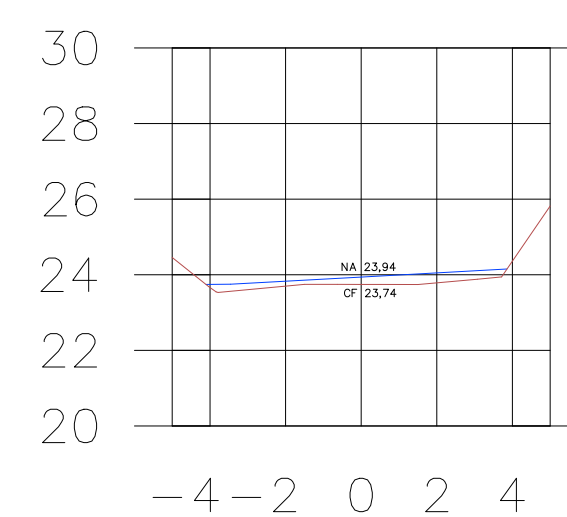
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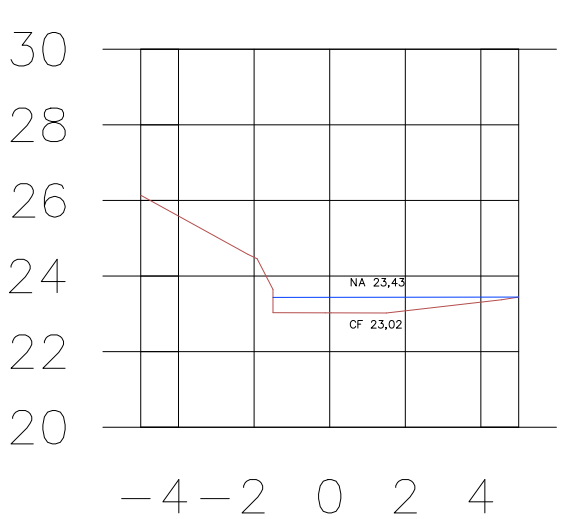
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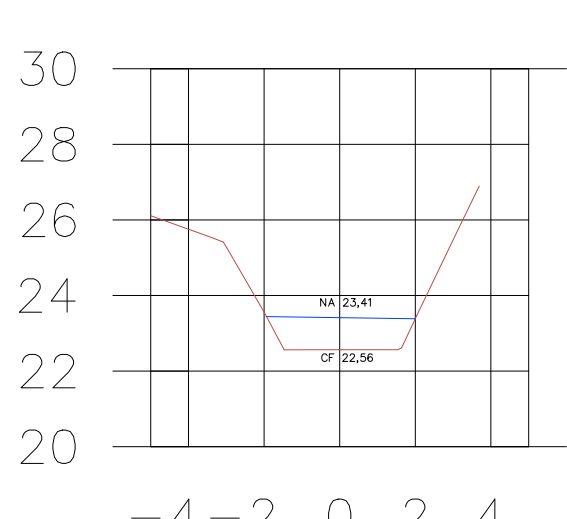
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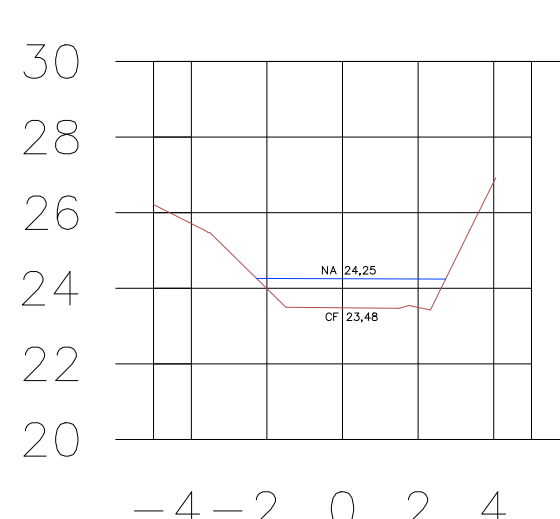
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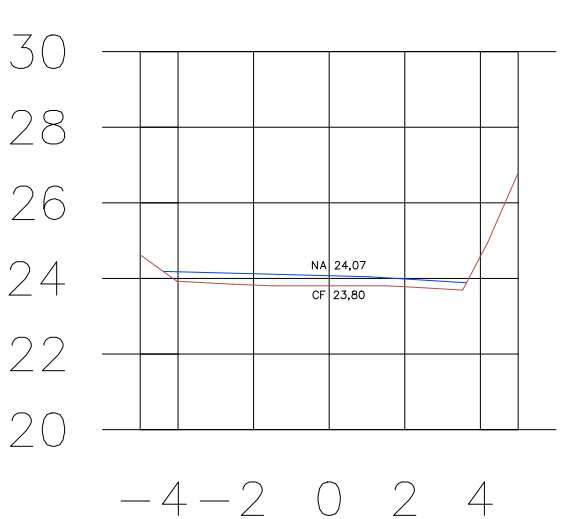
2+520.00



2+540.00



2+560.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- 1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- 2 - AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAQUEAMENTO.

DOCUMENTOS DE REFERÊNCIA

- 1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição



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do ambiente



Secretaria de
Ambiente e
Sustentabilidade





GOVERNO DO ESTADO
RIO DE JANEIRO



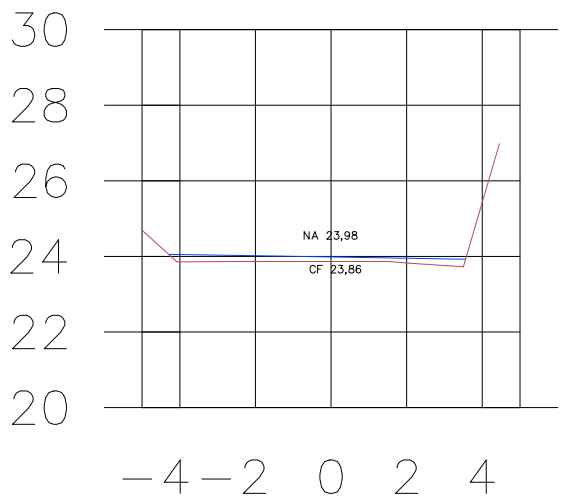
Rio20
a nova agenda

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

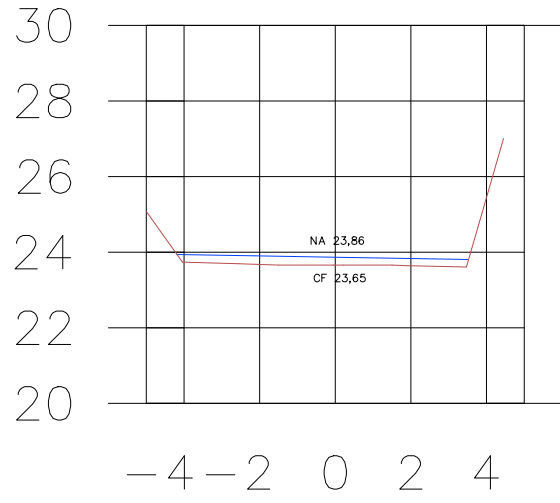
LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 2+260,00 A E 2+560,00

CONSÓRCIO APOIO TÉCNICO DIBRAM	RESP. TÉCNICO: CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBICREARJ. 203106201	FOLHA 15/25
 	PROJETISTA: CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBICREARJ. 203106201	
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B015-DE-R0
		ESCALA 1/200

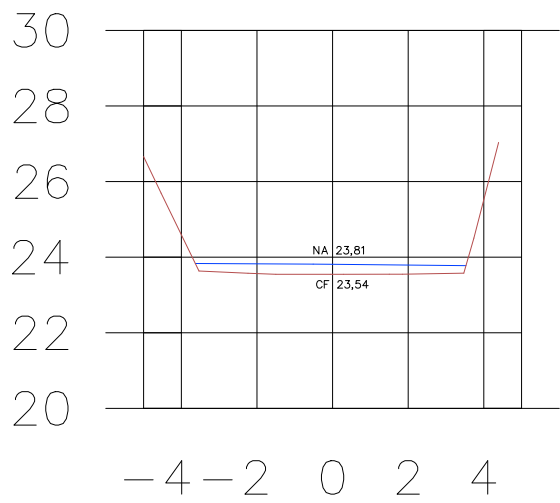
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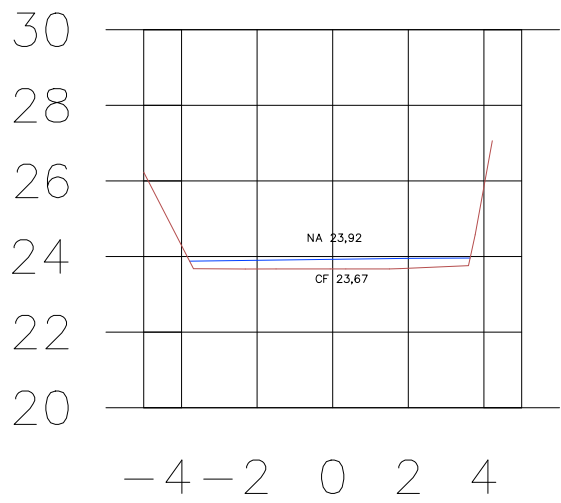
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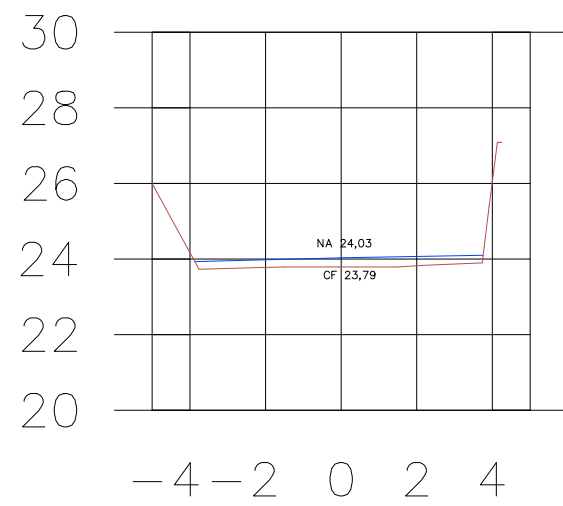
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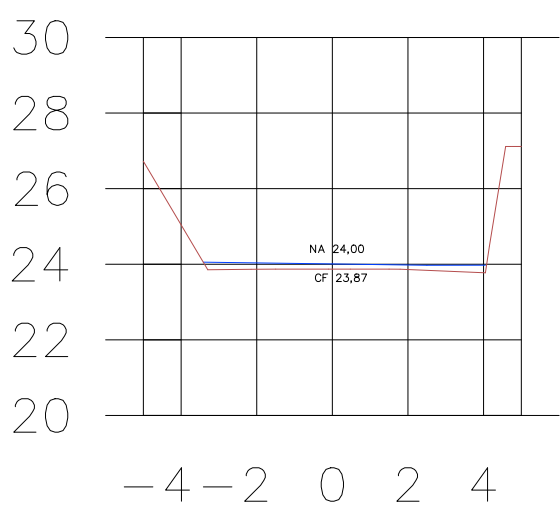
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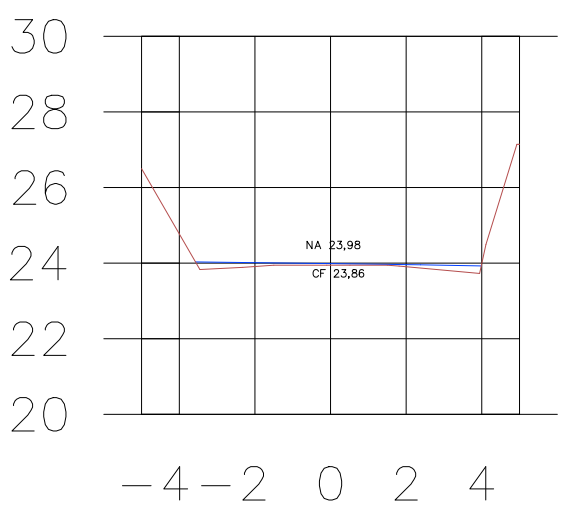
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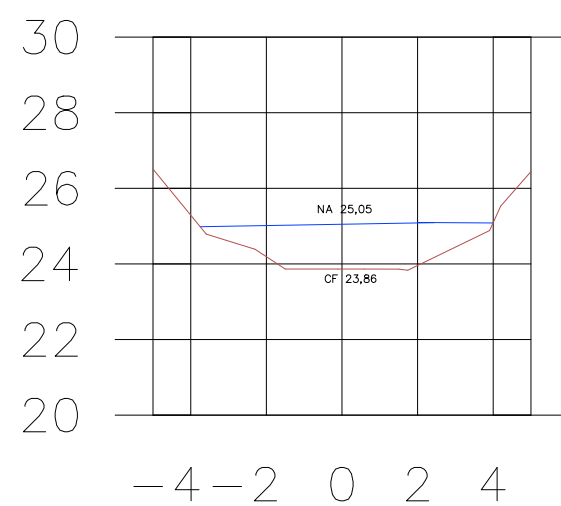
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2+700.00



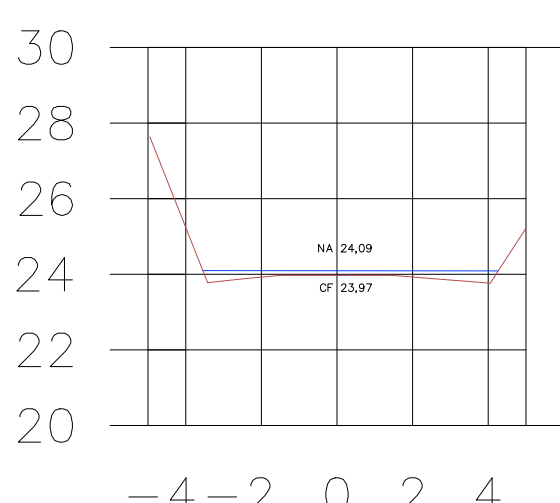
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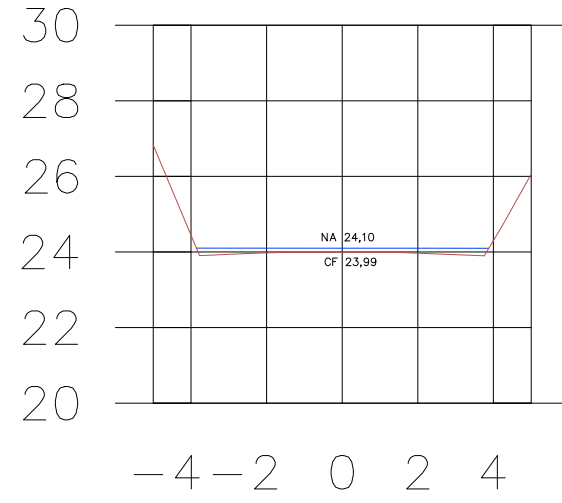
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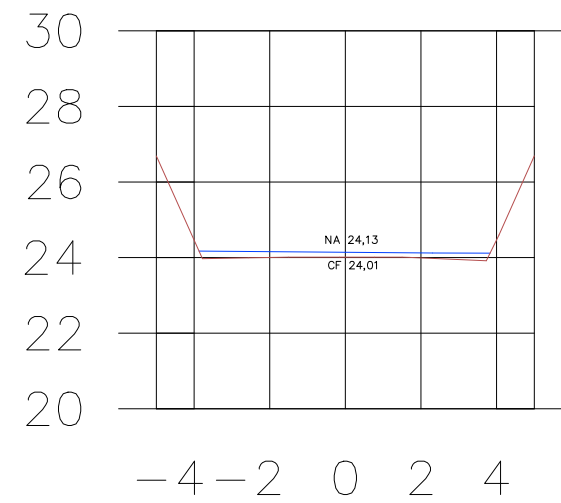
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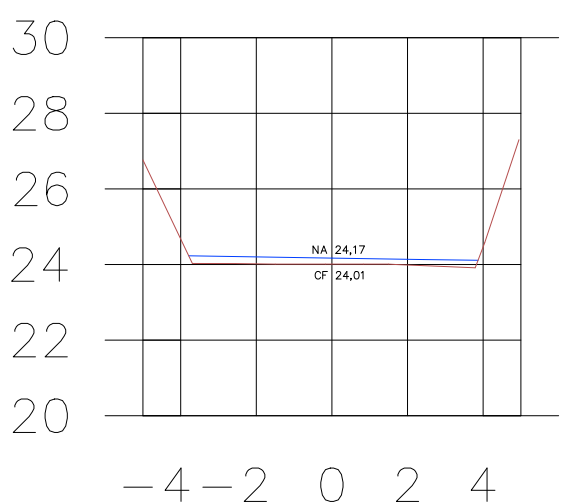
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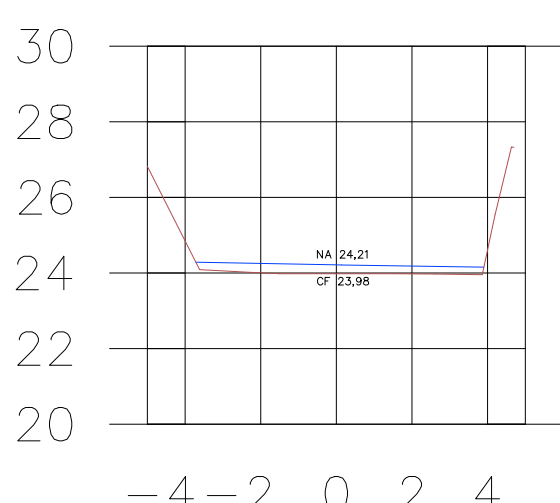
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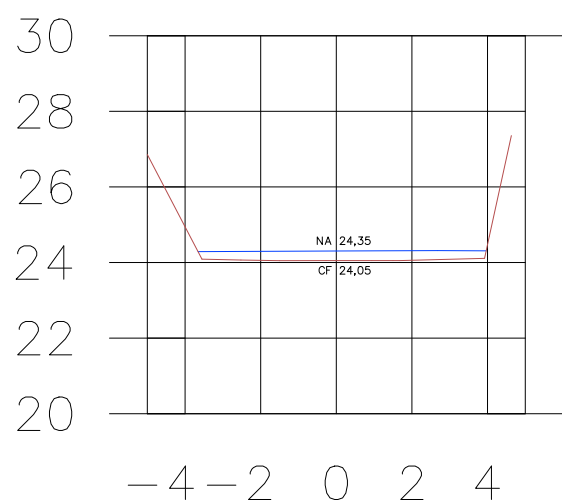
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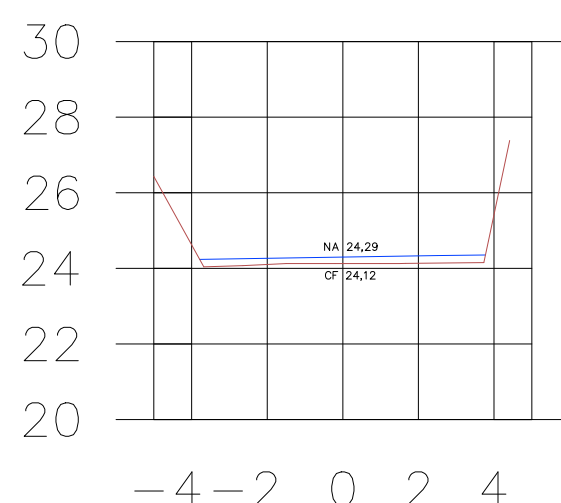
2+840.00



2+860.00



2+880.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

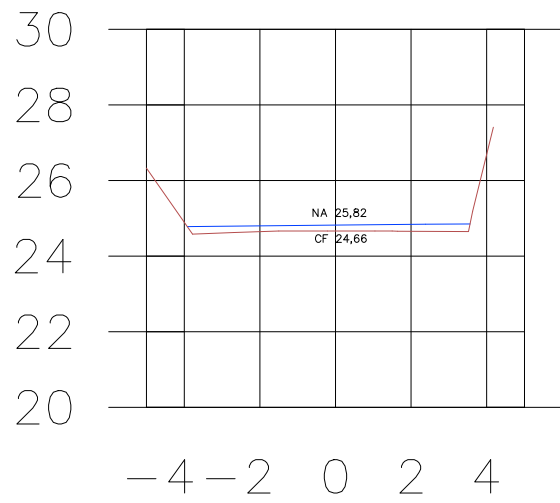
- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

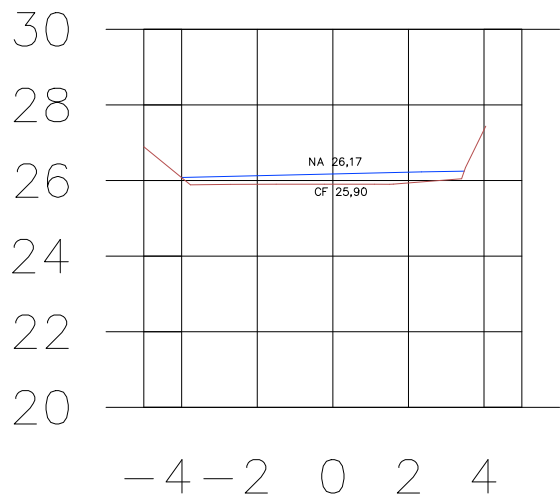
- DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição
<div><div><div>inea</div><div>Instituto estadual do ambiente</div></div><div><div>Secretaria de Ambiente e Sustentabilidade</div></div><div><div></div><div>GOVERNO DO ESTADO RIO DE JANEIRO</div></div><div><div></div><div>Rio2030</div></div></div>		
ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO		
LEVANTAMENTO TOPOGRÁFICO SEÇÕES TRANSVERSAIS - E 2+580,00 A E 2+880,00		
<div><div>CONSÓRCIO APOIO TÉCNICO DIBRAM</div><div><div></div><div></div></div></div>		FOLHA
<div><div>RESP. TÉCNICO: CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBICREIA-RJ 202510621</div><div>PROJETISTA: CREA-RJ CAU ALBERTO JOSÉ MARRAS AMBICREIA-RJ 202510621</div><div>APROVADOR: CREA-RJ CAU JOSÉ AUGUSTO GENTRODREIA-RJ 3631810</div></div>		16/25
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B016-DE-R0
		ESCALA 1/200

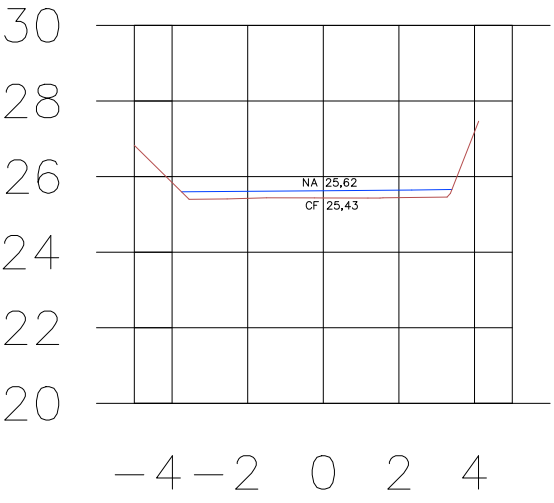
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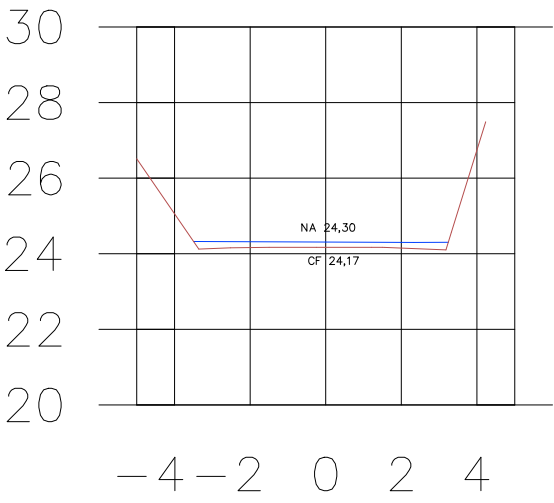
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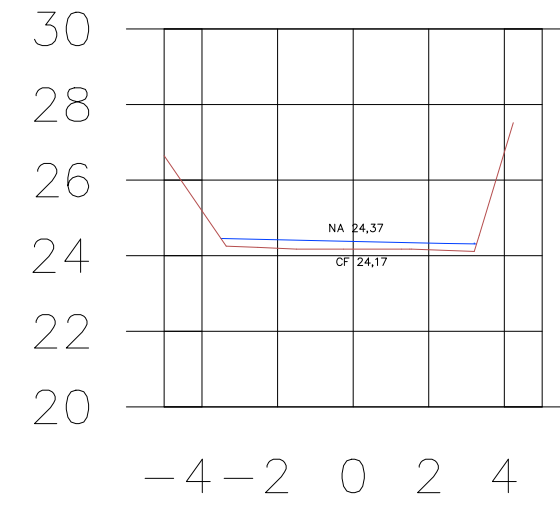
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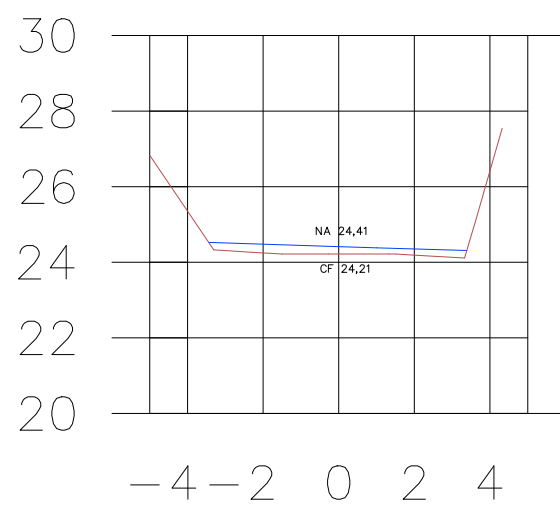
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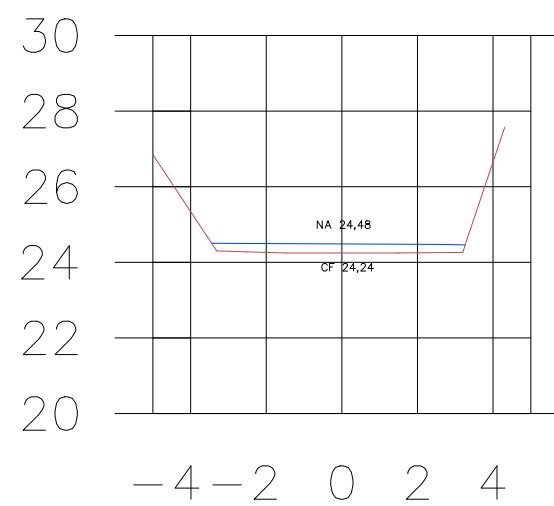
2+980.00



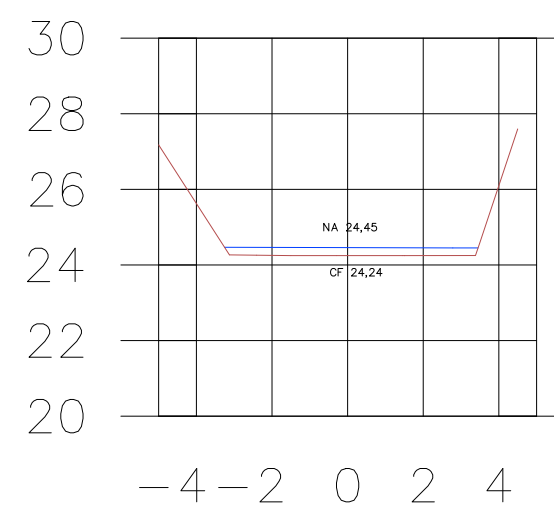
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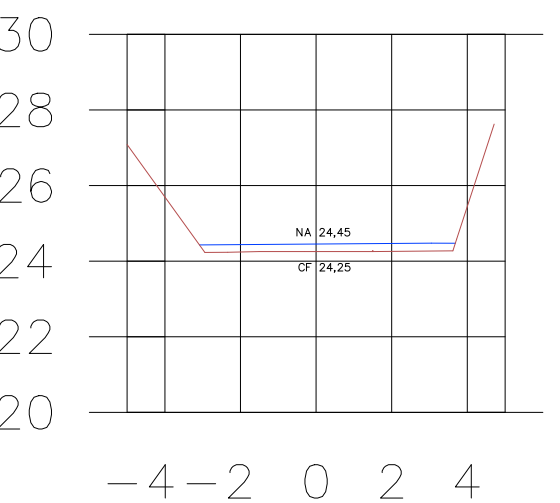
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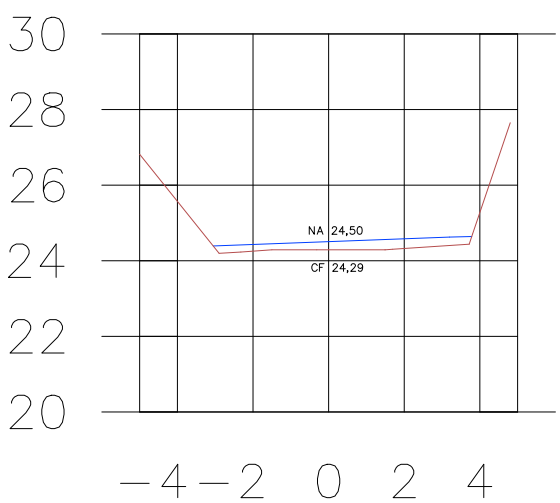
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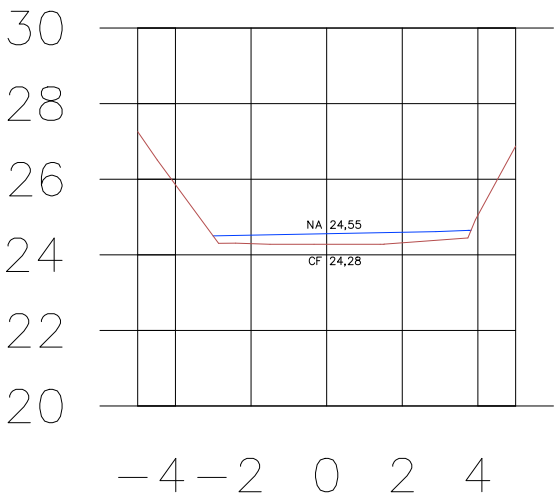
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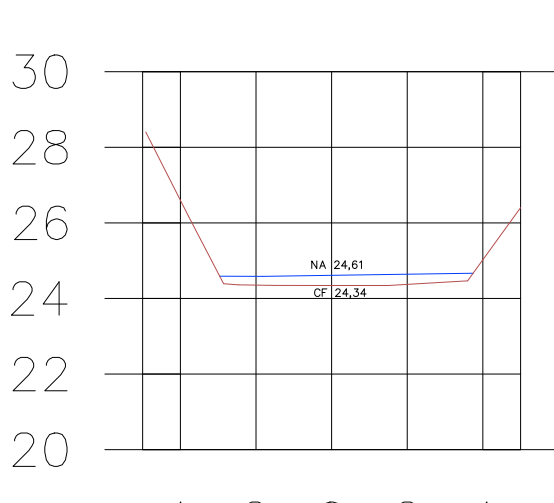
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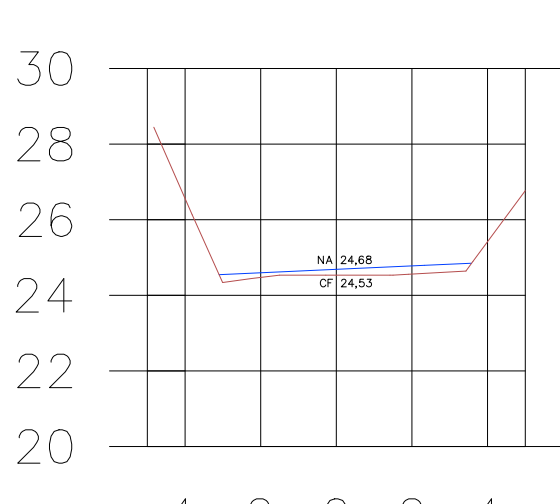
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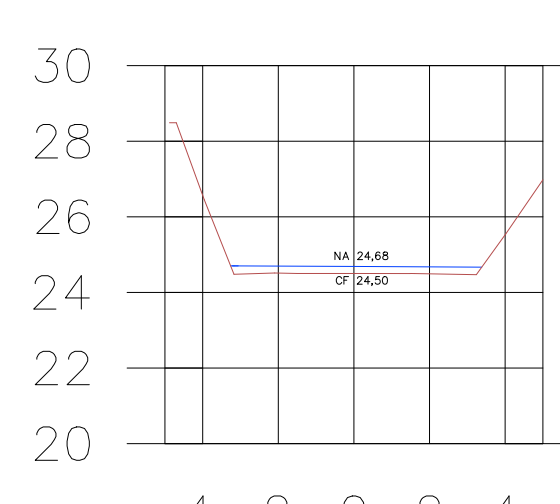
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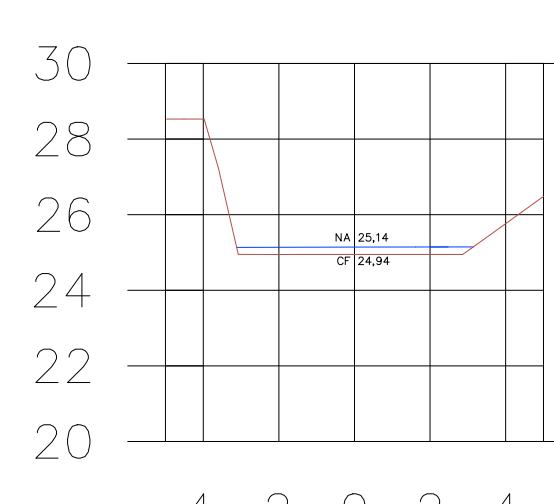
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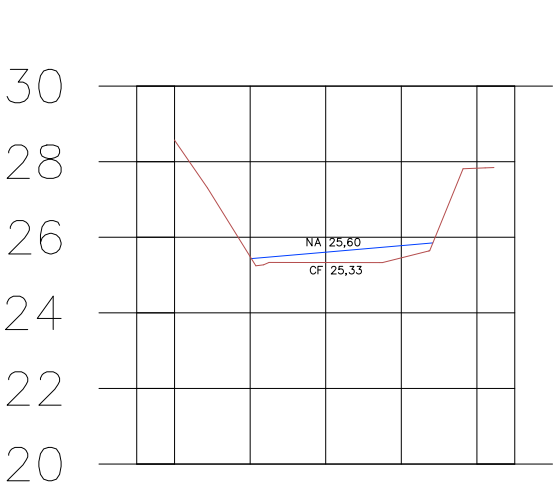
3+160.00



3+180.00



3+200.00



LEGENDA

- TERRENO NATURAL
- NIVEL D'ÁGUA

NOTAS

- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NIVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO



R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição



ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 2+900,00 A E 3+200,00

CONSÓRCIO APOIO TÉCNICO DEBIRAM



RESP. TÉCNICO: CREA-RJ CAU
ALBERTO JOSÉ MARRAS AMBICREARJ 202510621

PROJETISTA: CREA-RJ CAU
ALBERTO JOSÉ MARRAS AMBICREARJ 202510621

APROVADOR: CREA-RJ CAU
JOSÉ AUGUSTO GOMES DOS SANTOS RJ 363184-0

FOLHA
17/25

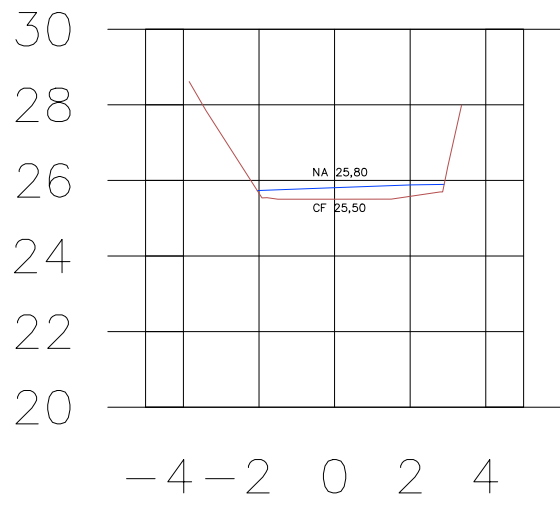
DATA
14/06/2023

AUTOR/IDENT.
RICARDO ROSADO DE OLIVEIRA
CREA RJ 2013135374

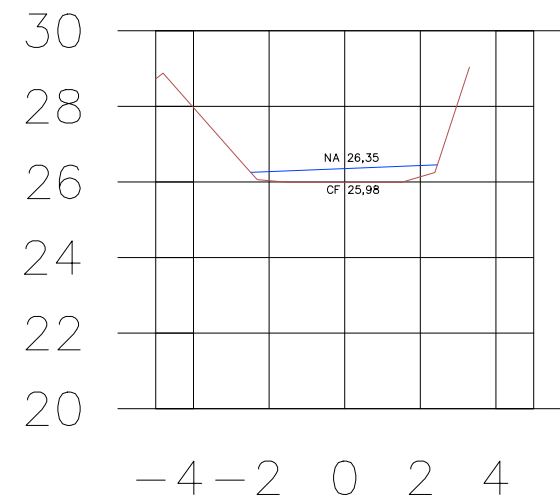
NÚMERO DO DESENHO
DRM-BBGB-PRJ-MRN-1-CCA-B017-DE-R0

ESCALA
1/200

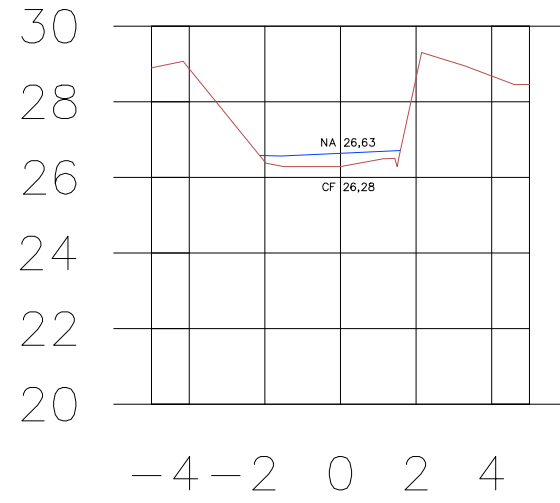
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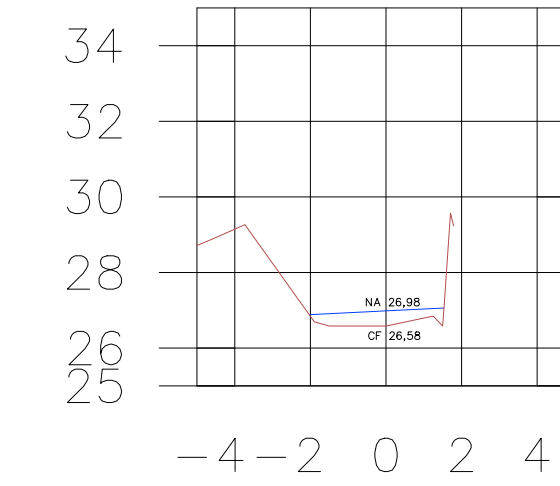
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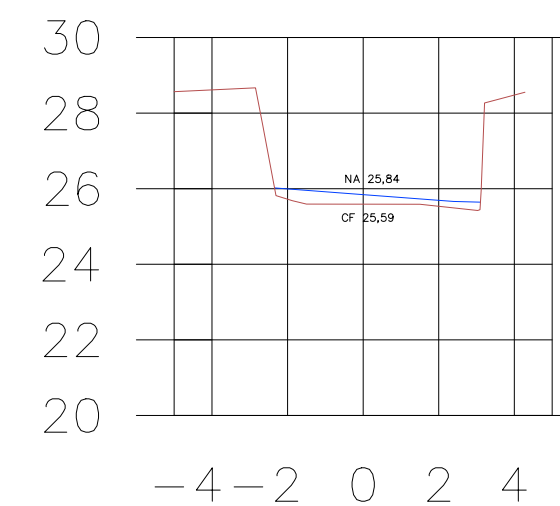
3+380.00



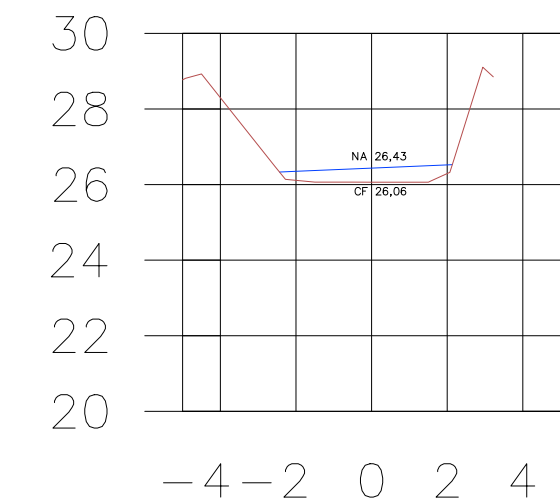
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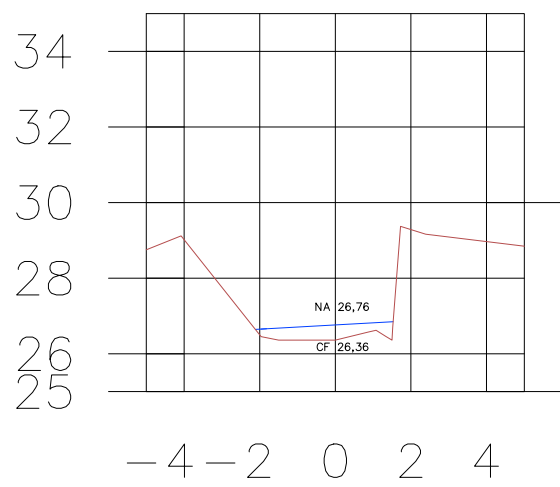
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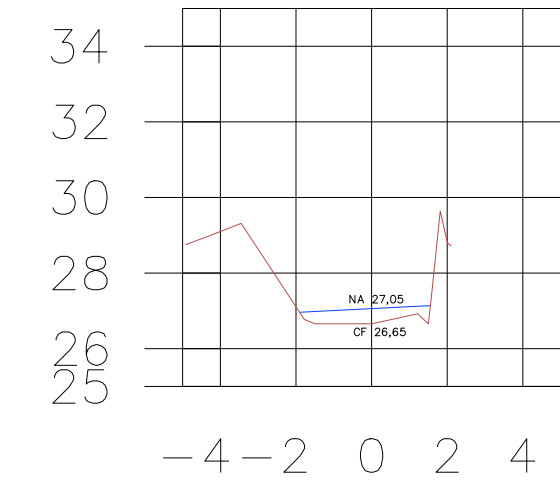
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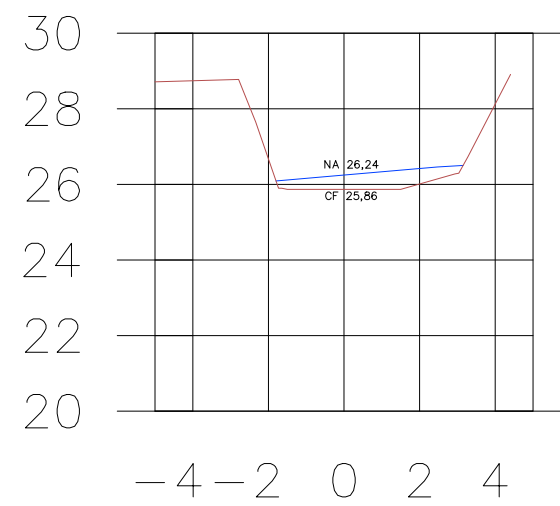
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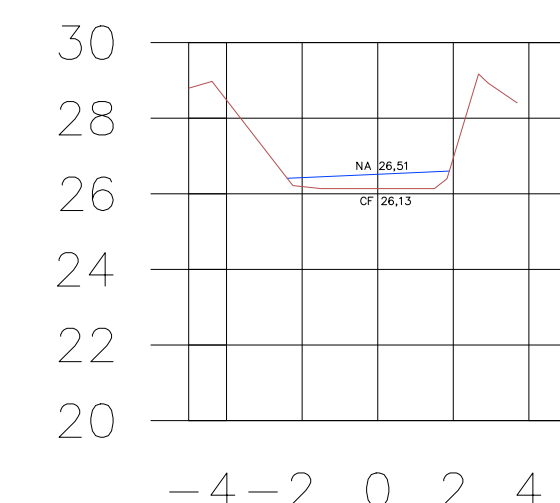
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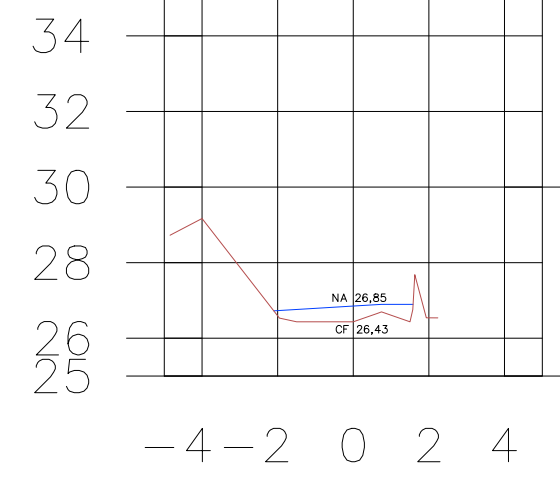
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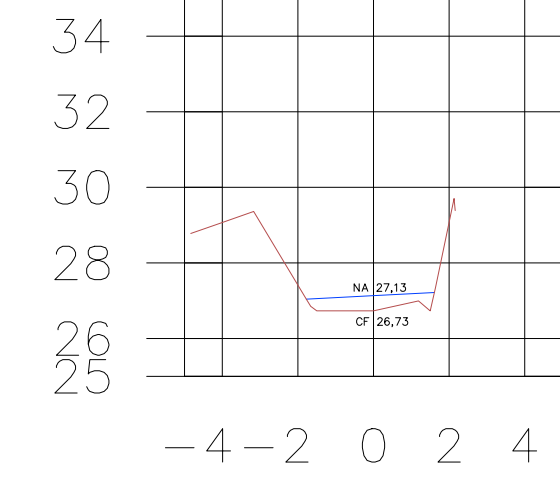
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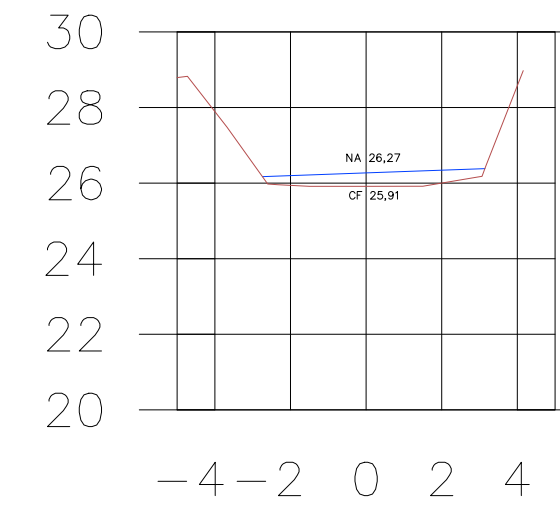
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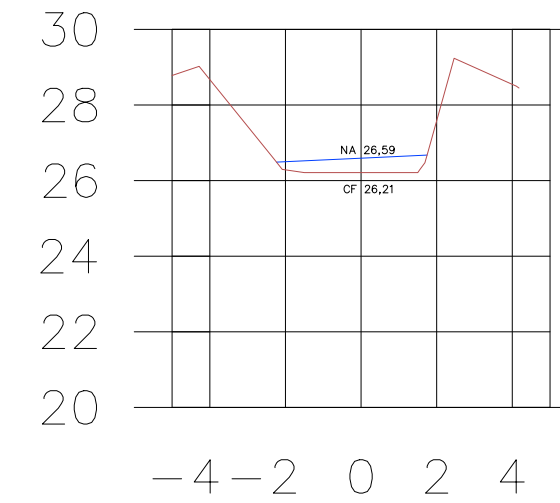
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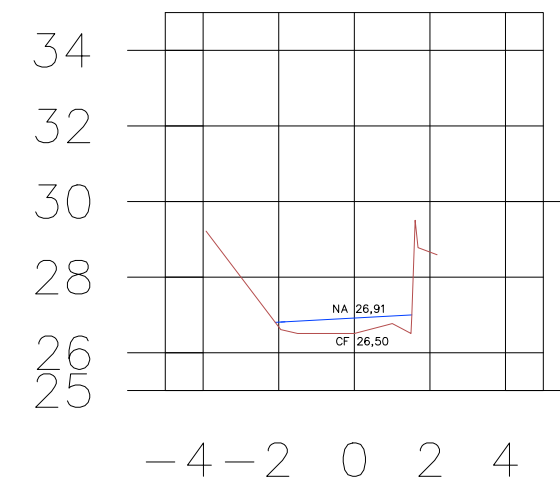
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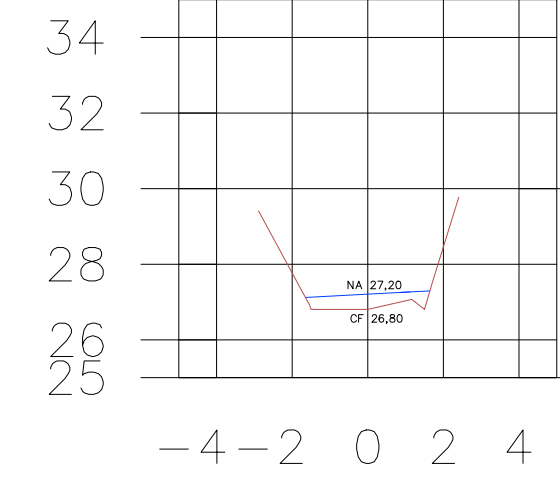
3+360.00



3+440.00



3+520.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição



instituto estadual
do ambiente



Secretaria de
Ambiente e
Sustentabilidade





GOVERNO DO ESTADO
RIO DE JANEIRO



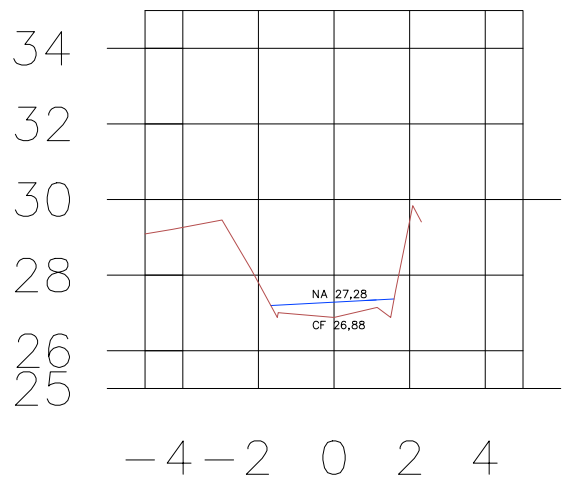
Rio2030
cidade sustentável

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

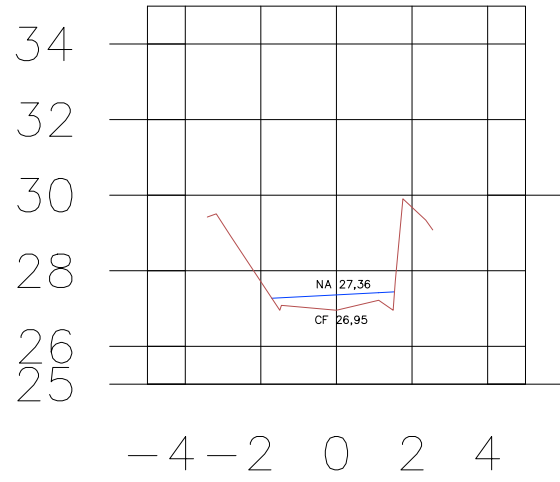
LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 3+220,00 A E 3+520,00

CONSÓRCIO APOIO TÉCNICO DEBIRAM	RESP. TÉCNICO CREA RJ CAU ALBERTO JOSÉ MARINHO AMBICREA RJ 202510001	FOLHA 18/25
 	PROJETISTA CREA RJ CAU ALBERTO JOSÉ MARINHO AMBICREA RJ 202510001	
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B018-DE-R0
		ESCALA 1/200

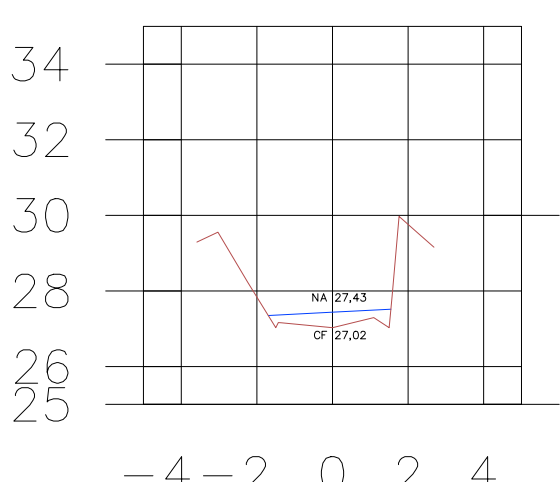
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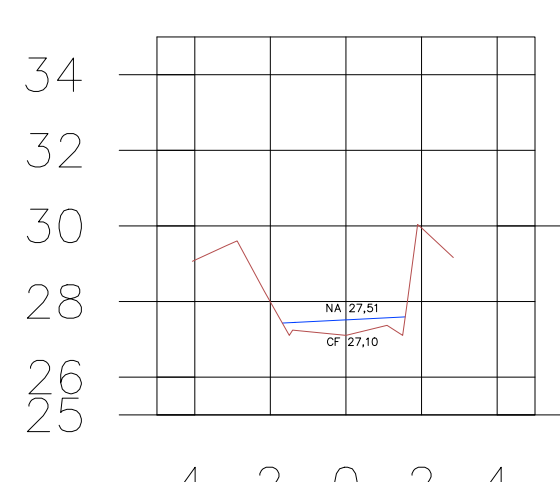
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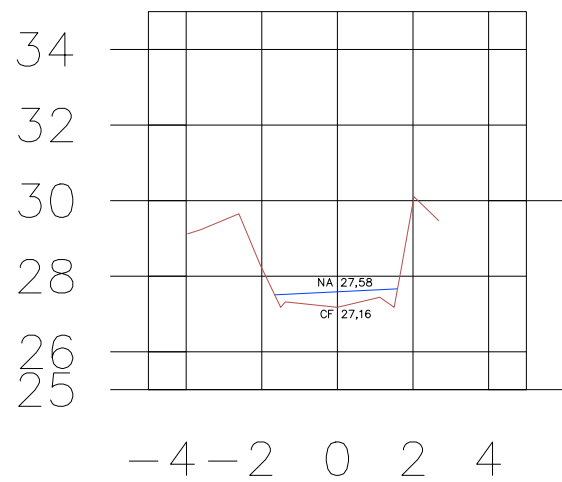
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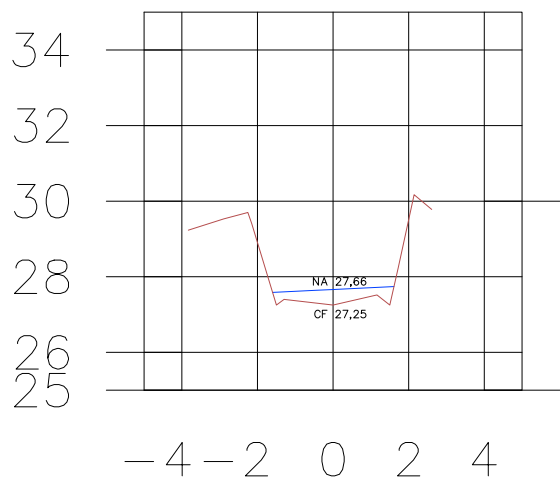
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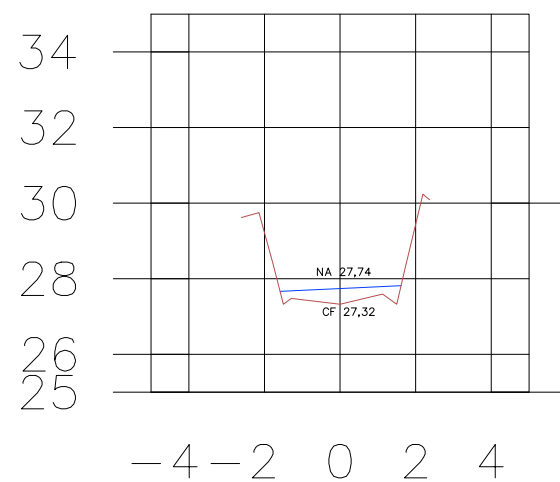
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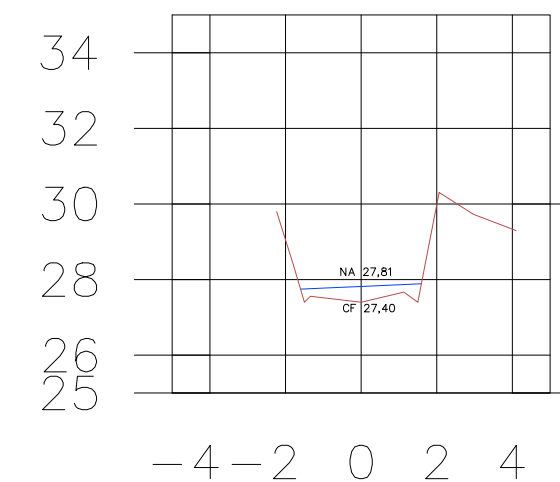
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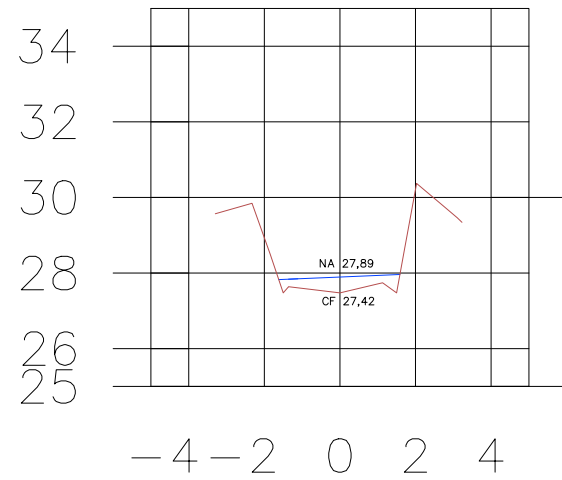
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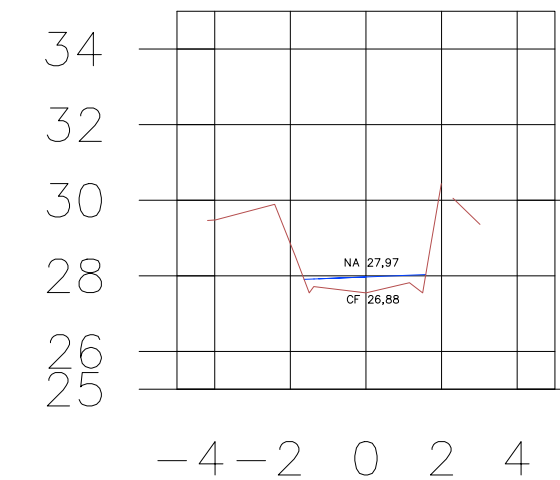
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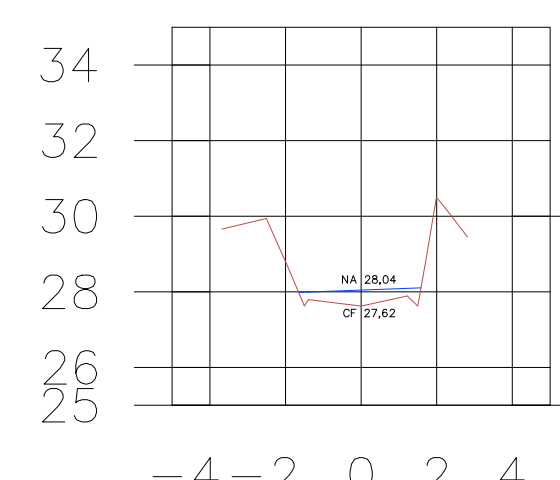
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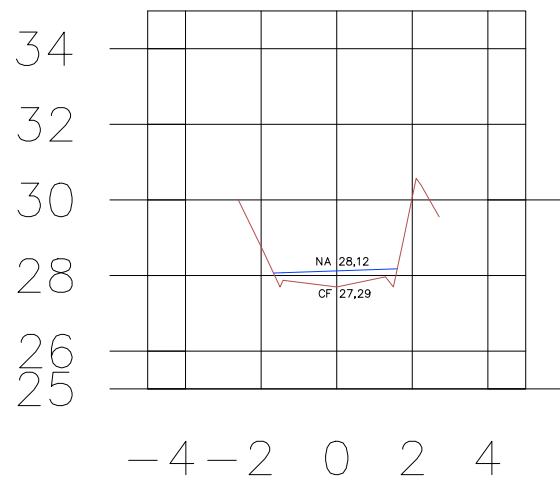
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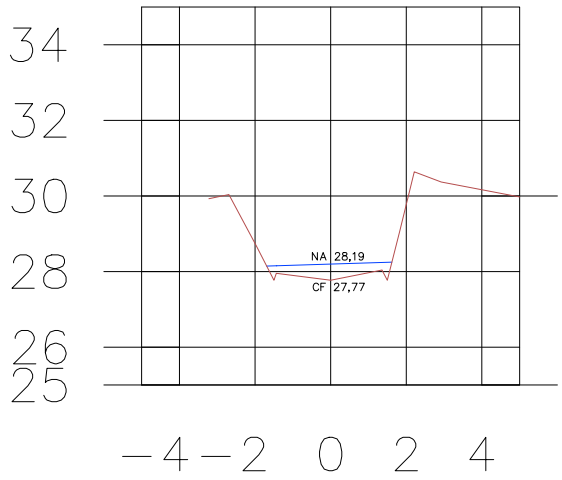
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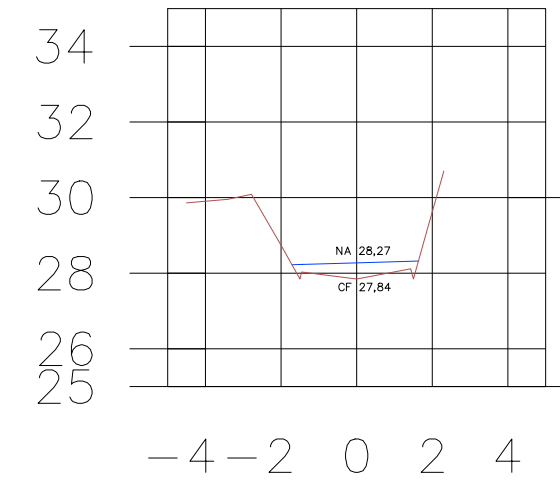
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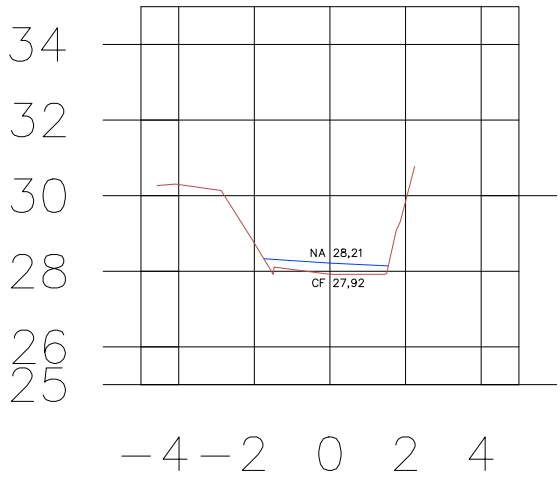
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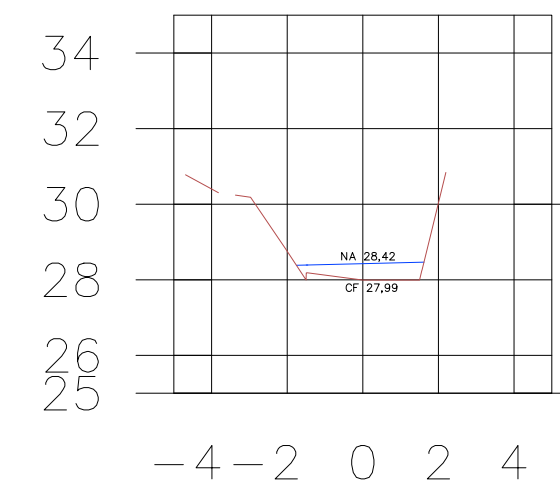
3+800.00



3+820.00



3+840.00



LEGENDA

TERRENO NATURAL

NÍVEL D'ÁGUA

NOTAS

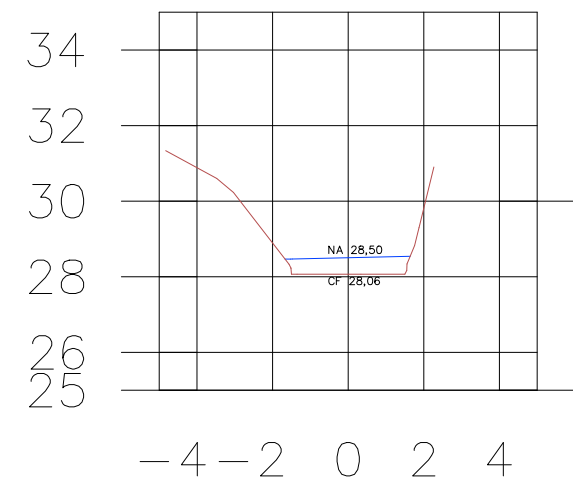
1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
2 - AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

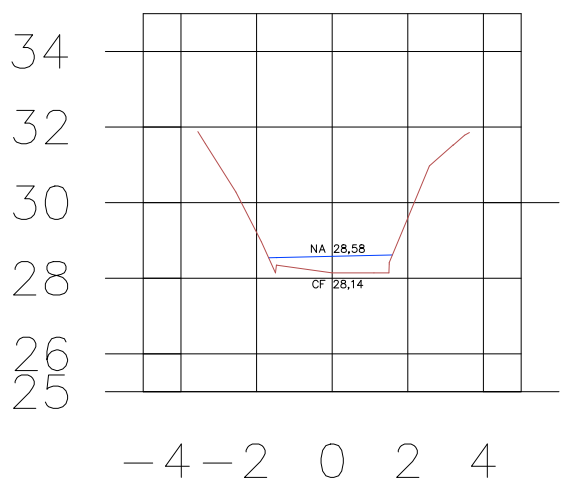
1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição
<div><div><div>inea</div><div>Instituto estadual do ambiente</div></div><div><div>Secretaria de Ambiente e Sustentabilidade</div></div><div><div></div><div>GOVERNO DO ESTADO RIO DE JANEIRO</div></div><div><div></div><div>Rio2030 a cidade sustentável</div></div></div>		
ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO		
LEVANTAMENTO TOPOGRÁFICO SEÇÕES TRANSVERSAIS - E 3+540,00 A E 3+840,00		
<div><div><div>CONSÓRCIO APOIO TÉCNICO DEBIRAM</div><div><div></div><div></div></div><div><div>RESP. TÉCNICO: CREA-RJ CAU ALBERTO JOSÉ MARINHO AMBICREIA-RJ, 202510621</div><div>PROJETISTA: CREA-RJ CAU ALBERTO JOSÉ MARINHO AMBICREIA-RJ, 202510621</div><div>APROFUNDADOR: CREA-RJ CAU JOSÉ AUGUSTO GOMES DOS REIS-RJ, 363191-0</div></div></div></div>		<div>FOLHA</div> <div>19/25</div>
<div>DATA</div> <div>14/06/2023</div>	<div>AUTOR/IDENT.</div> <div>RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374</div>	<div>NÚMERO DO DESENHO</div> <div>DRM-BBGB-PRJ-MRN-1-CCA-B019-DE-R0</div> <div>ESCALA</div> <div>1/200</div>

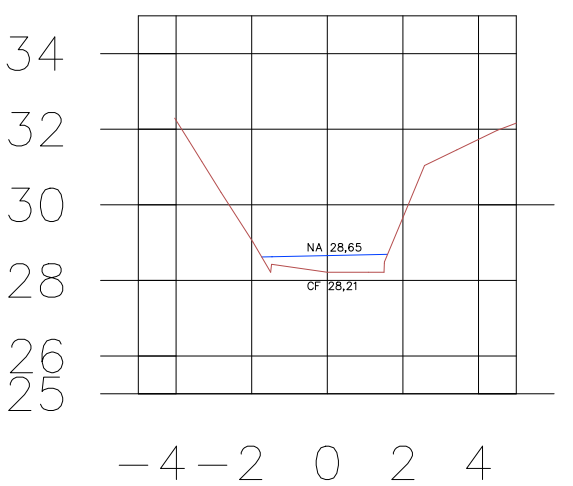
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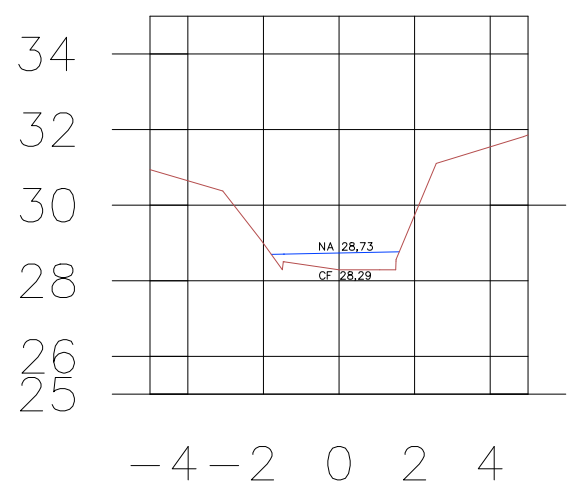
3+880.00



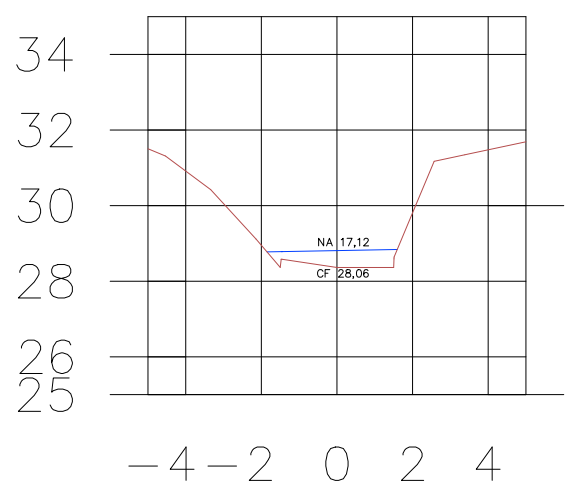
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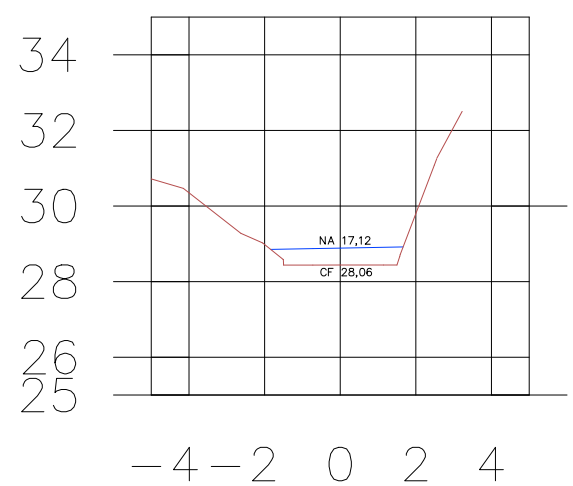
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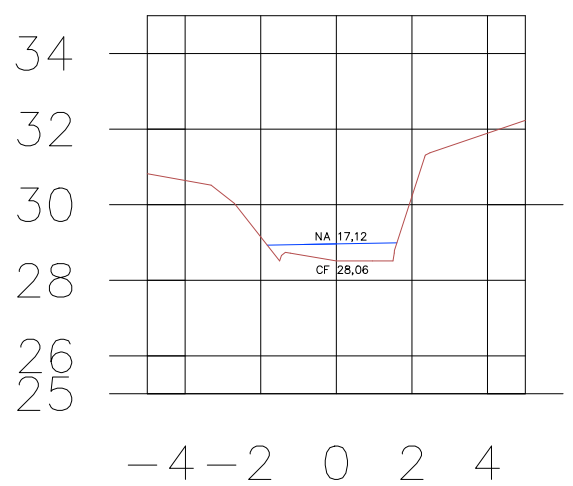
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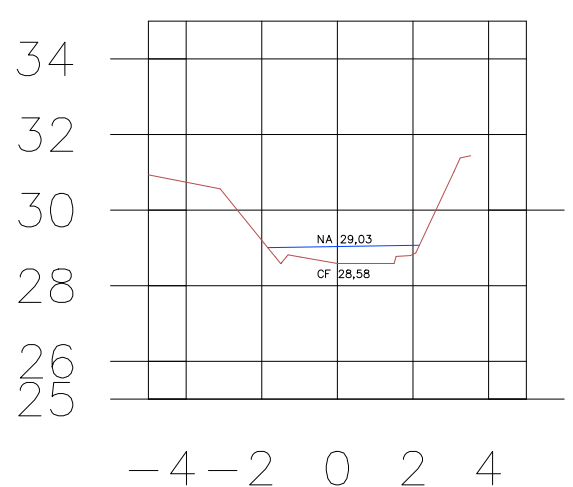
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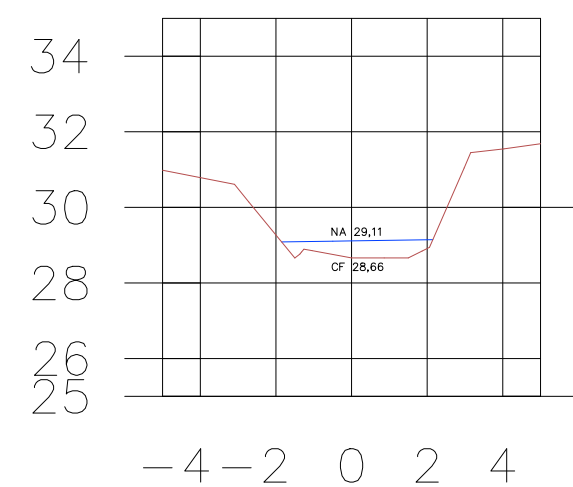
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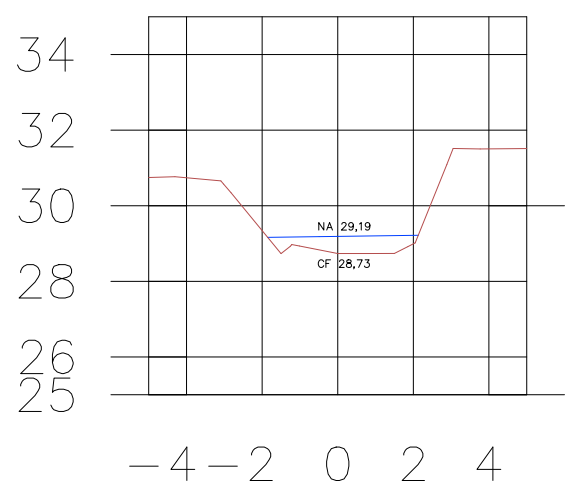
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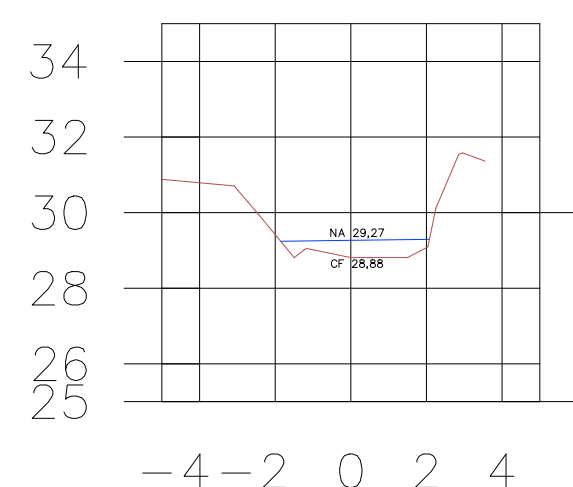
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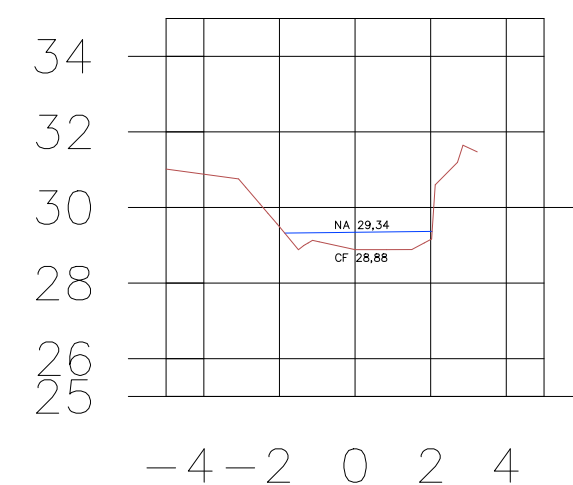
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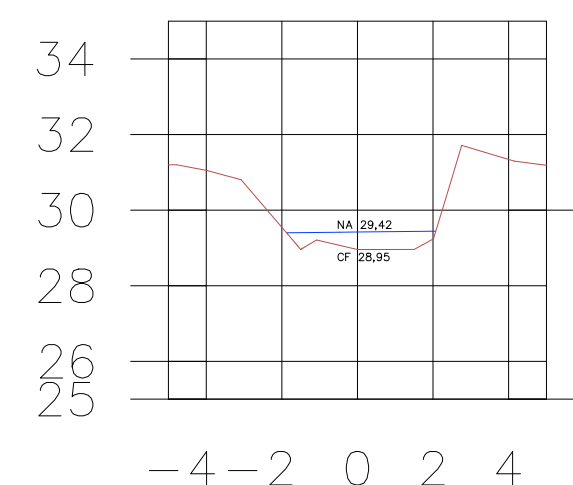
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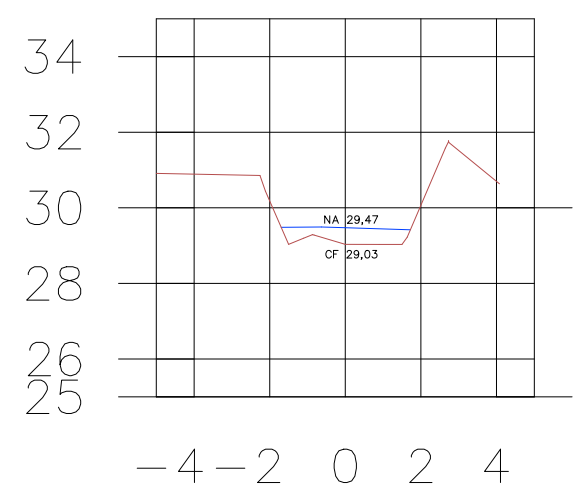
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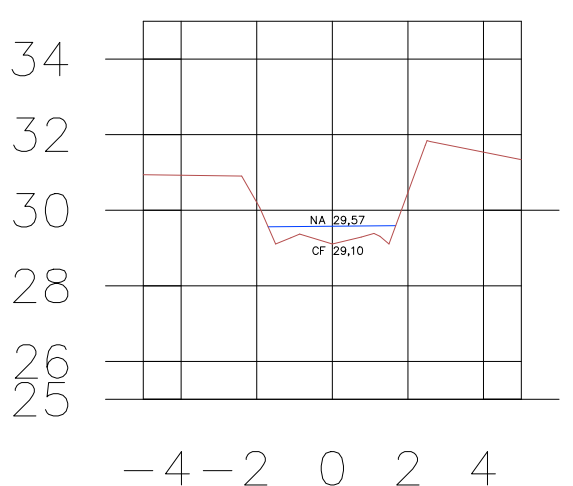
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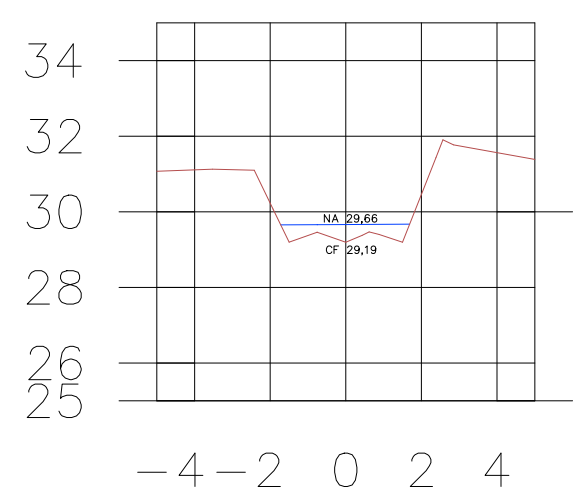
4+120.00



4+140.00



4+160.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

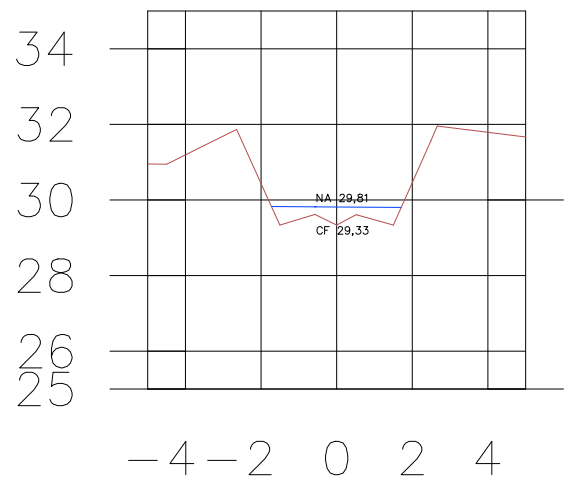
- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

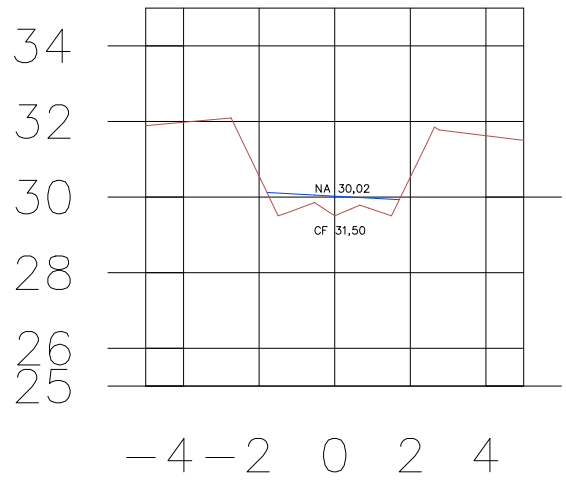
- DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição
<div><div><div>inea</div><div>instituto estadual do ambiente</div></div><div><div>Secretaria de Ambiente e Sustentabilidade</div></div><div><div>GOVERNO DO ESTADO</div><div>RIO DE JANEIRO</div></div><div><div>Rio20</div><div>ANOS DE CIDADANIA</div></div></div>		
ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO		
LEVANTAMENTO TOPOGRÁFICO SEÇÕES TRANSVERSAIS - E 3+860,00 A E 4+160,00		
<div><div>CONSORCIO APOIO TÉCNICO DIRRAM</div><div><div>cobrape</div><div>Aquila</div><div>Projetos e Engenharia</div></div></div> <div><div>RESP. TÉCNICO / CREA-RJ CAU</div><div>ALBERTO JOSÉ MARINHO AMBICREARJ 20010801</div><div>PROJETISTA / CREA-RJ CAU</div><div>ALBERTO JOSÉ MARINHO AMBICREARJ 20010801</div><div>APROVADOR / CREA-RJ CAU</div><div>JOSÉ AUGUSTO CASTRO CREARJ 36.519.0</div></div>		FOLHA 20/25
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B020-DE-R0 ESCALA 1/200

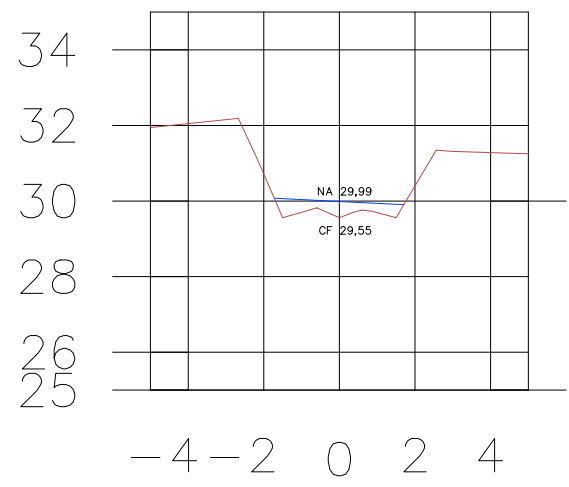
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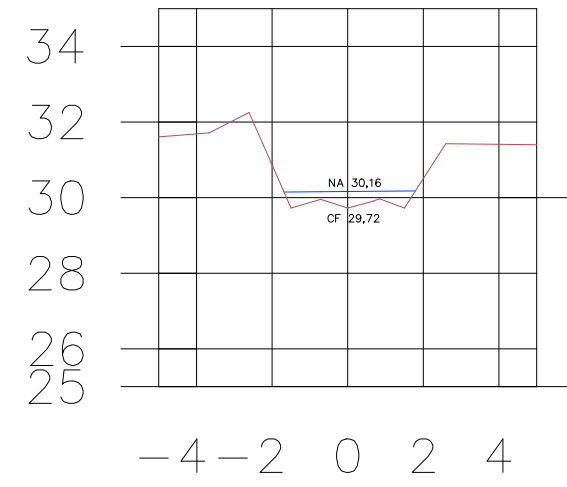
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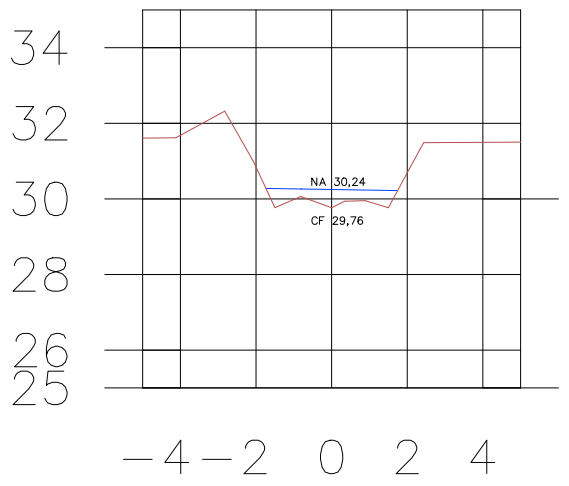
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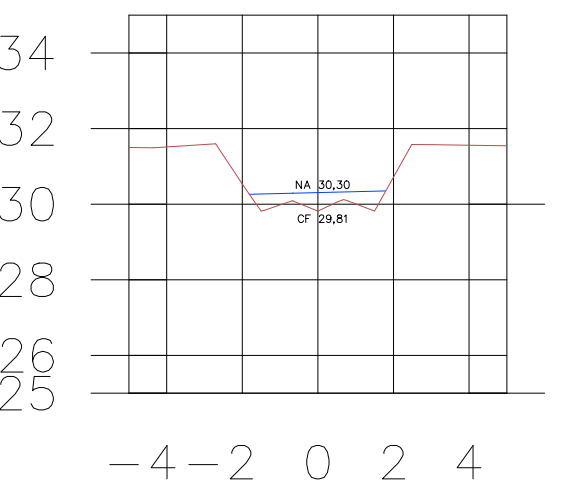
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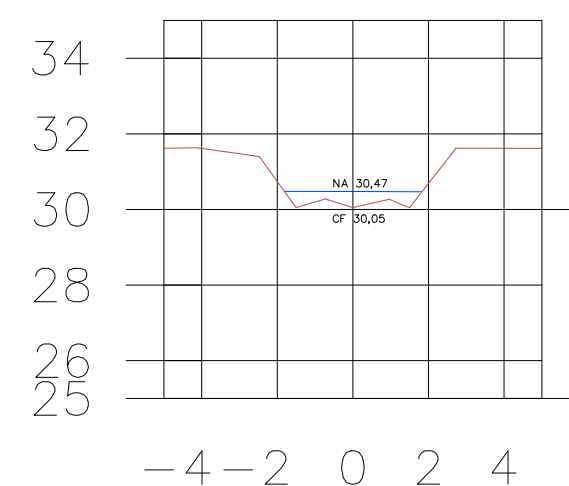
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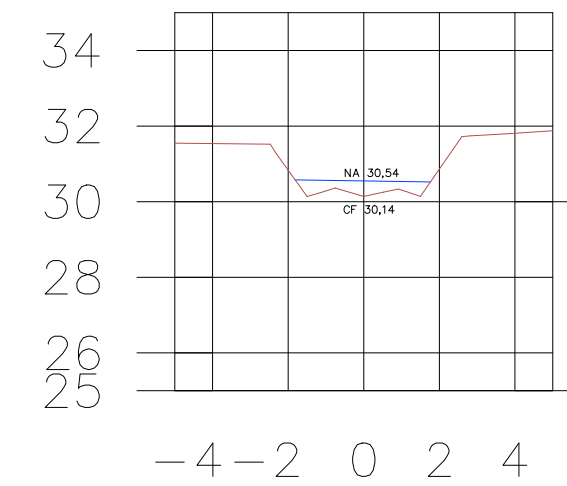
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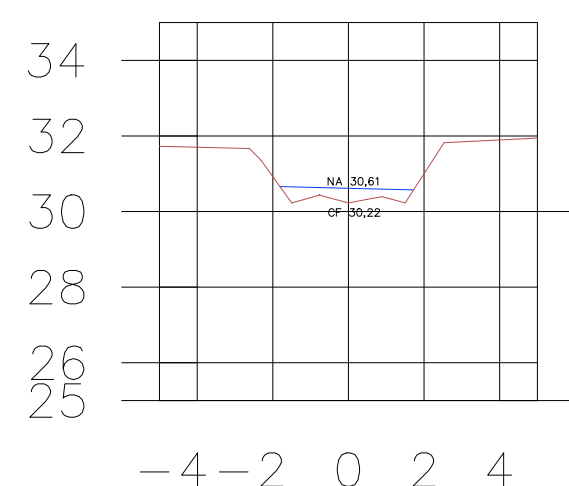
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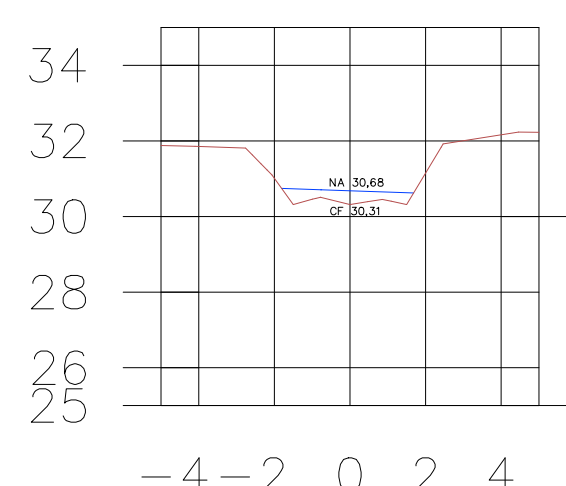
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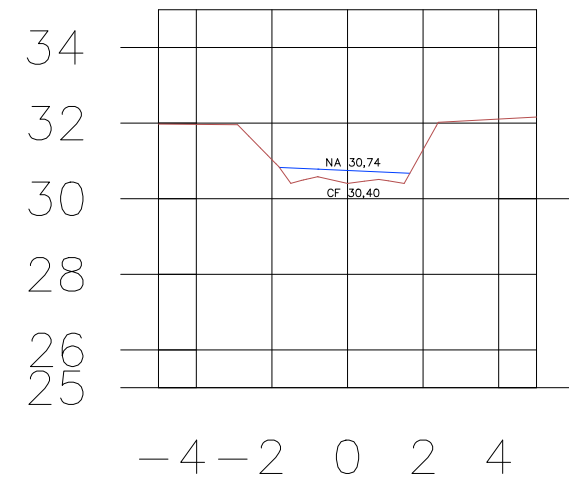
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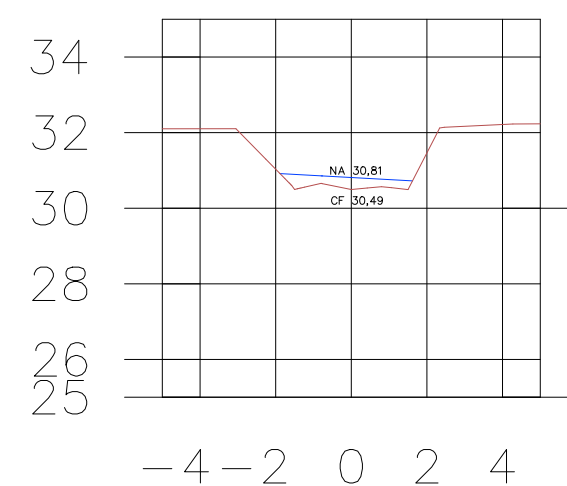
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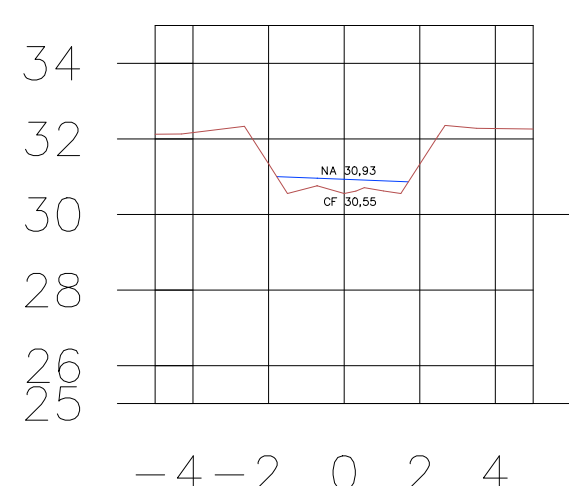
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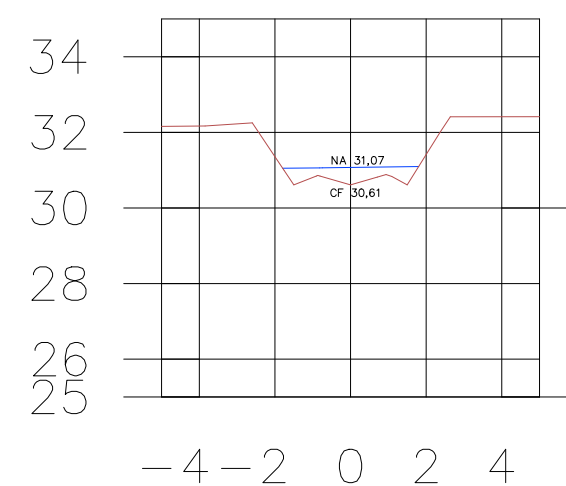
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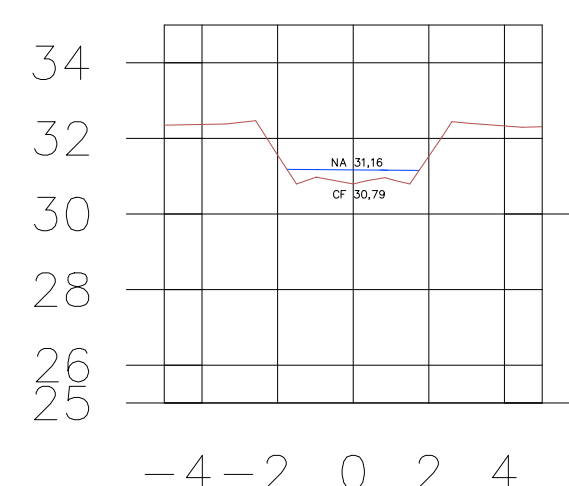
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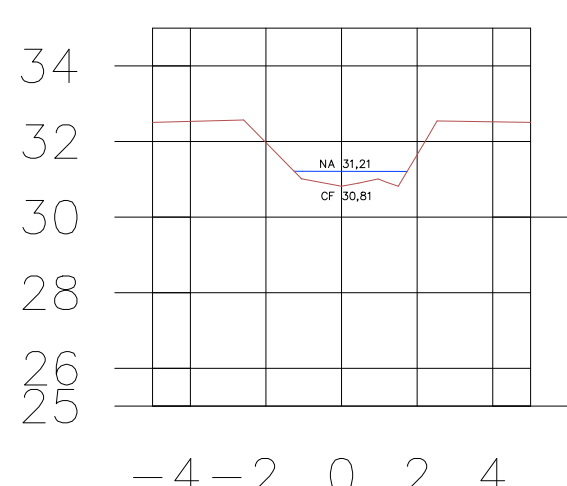
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4+460.00



4+480.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

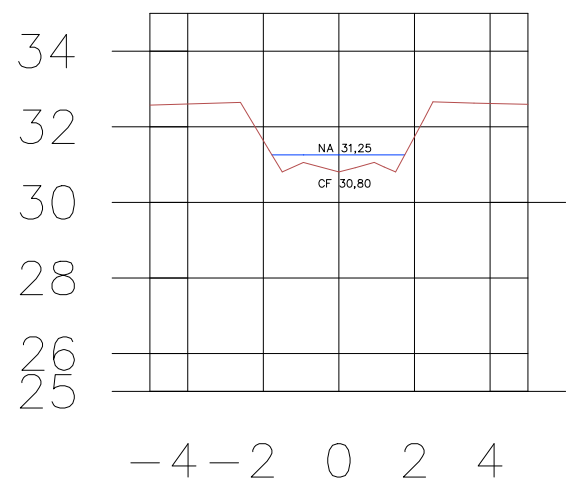
- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAQUEAMENTO.

DOCUMENTOS DE REFERÊNCIA

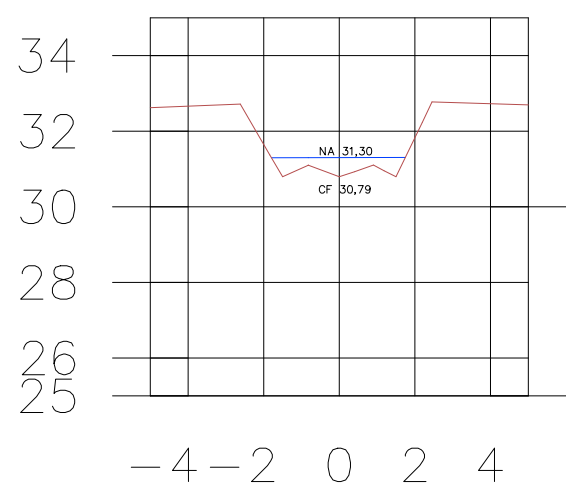
- DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição

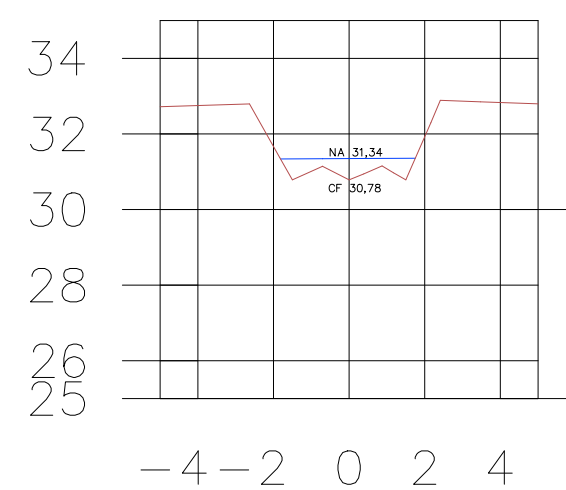
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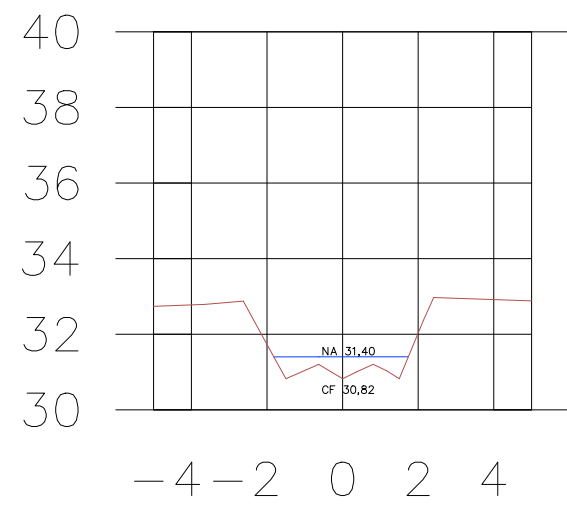
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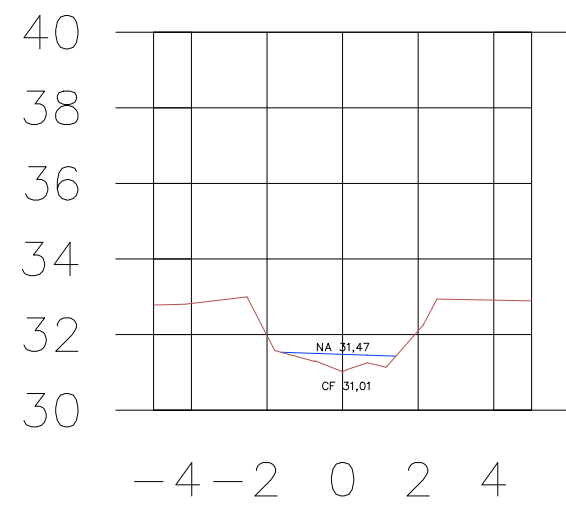
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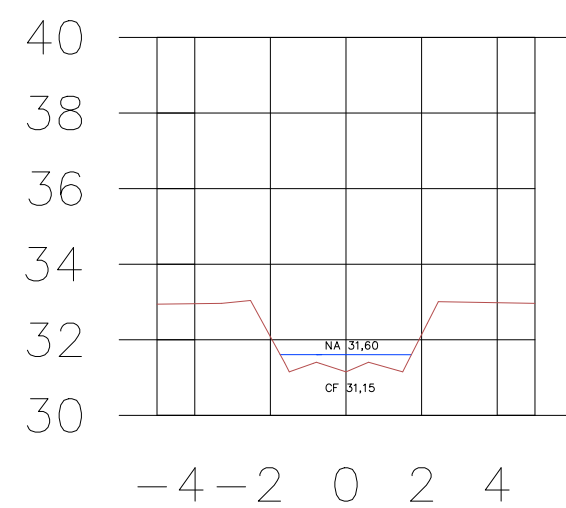
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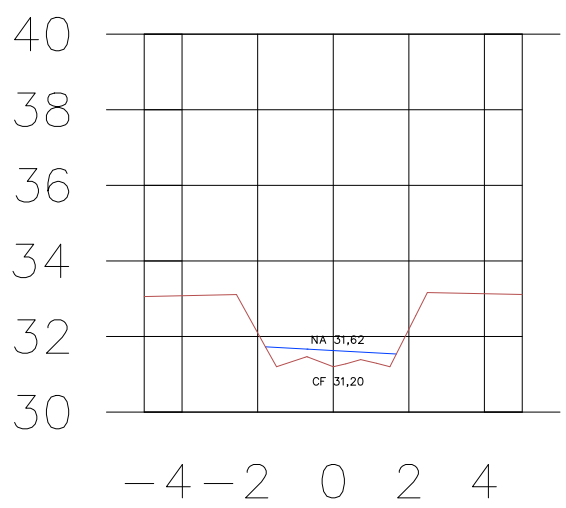
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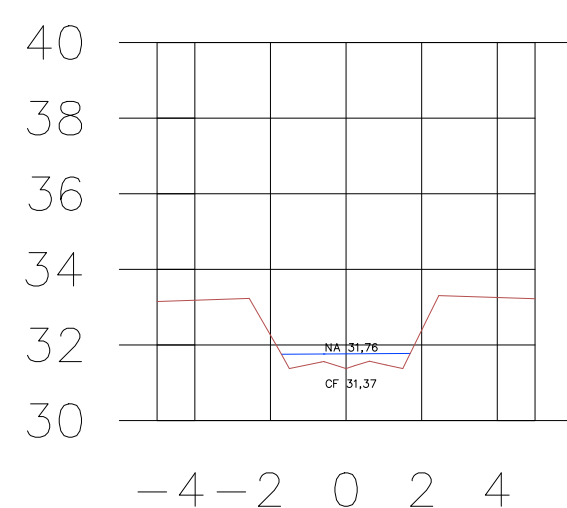
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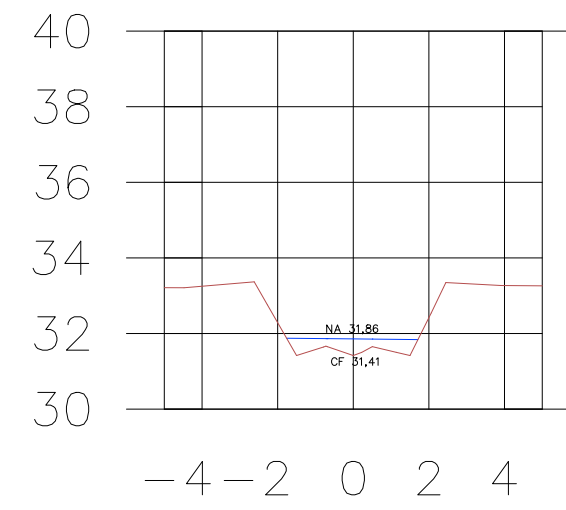
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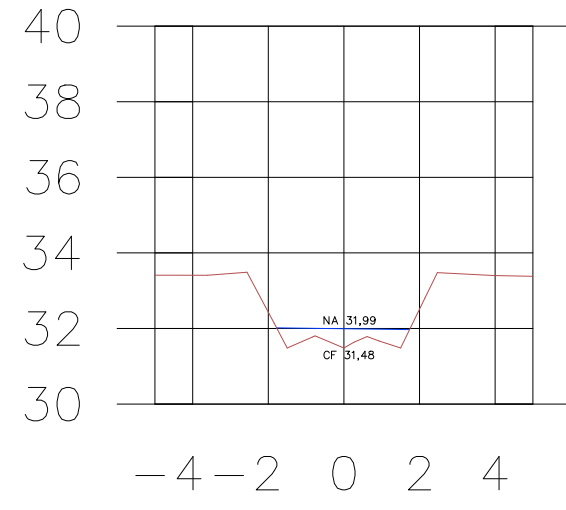
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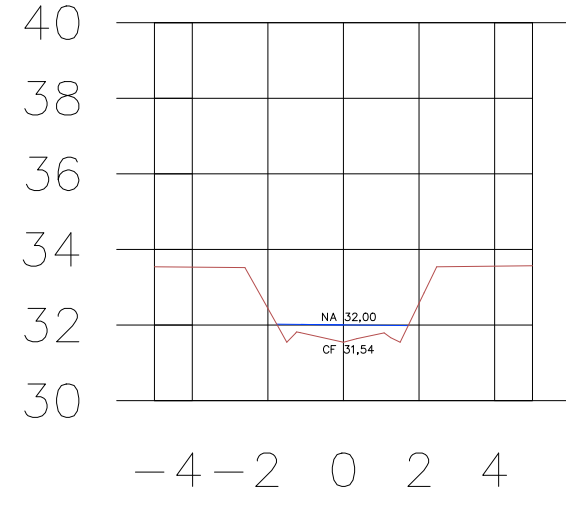
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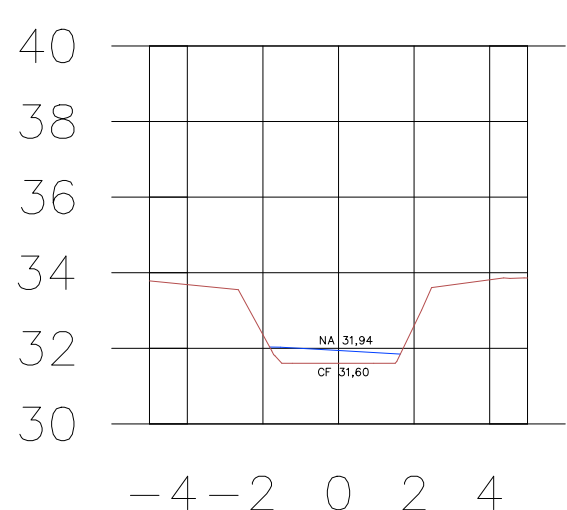
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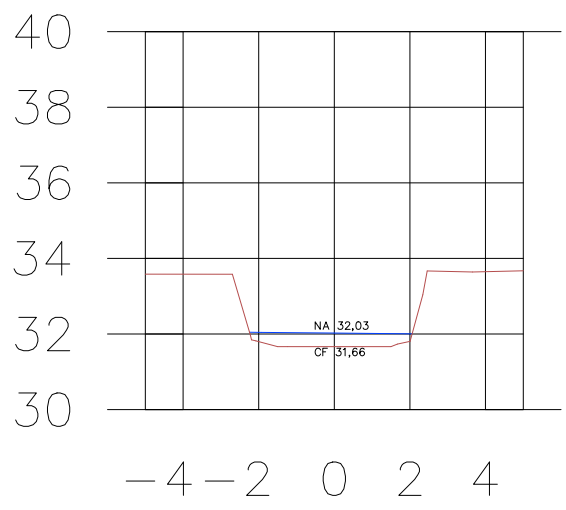
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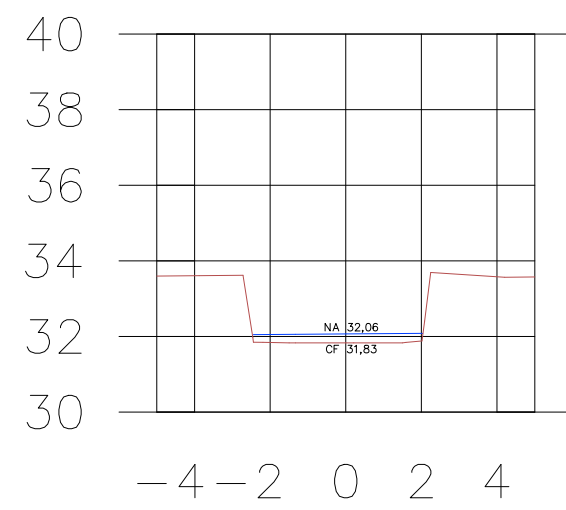
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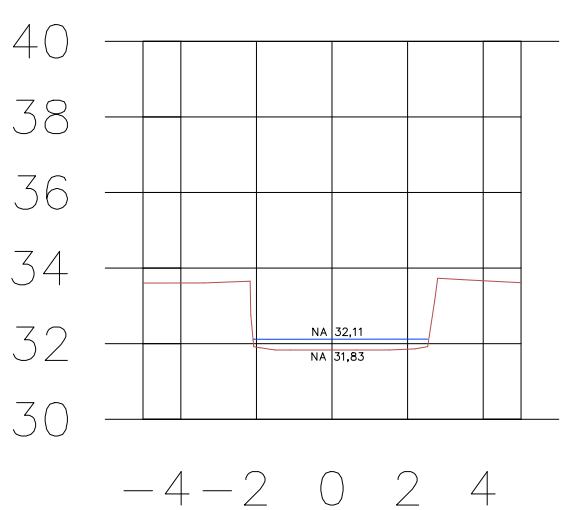
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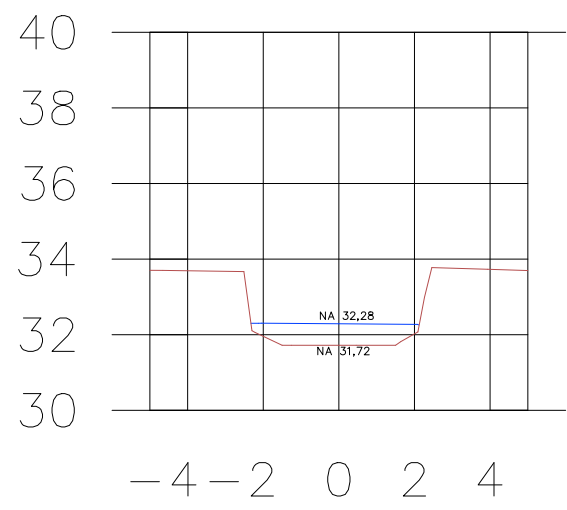
4+760.00



4+780.00



4+800.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição



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GOVERNO DO ESTADO
RIO DE JANEIRO



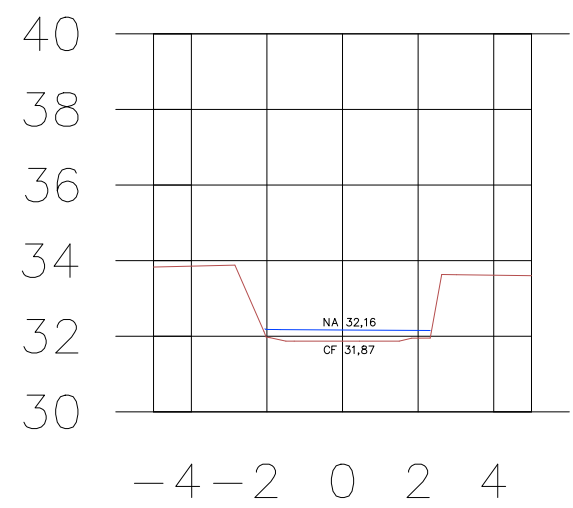
Rio2030
cidade sustentável

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

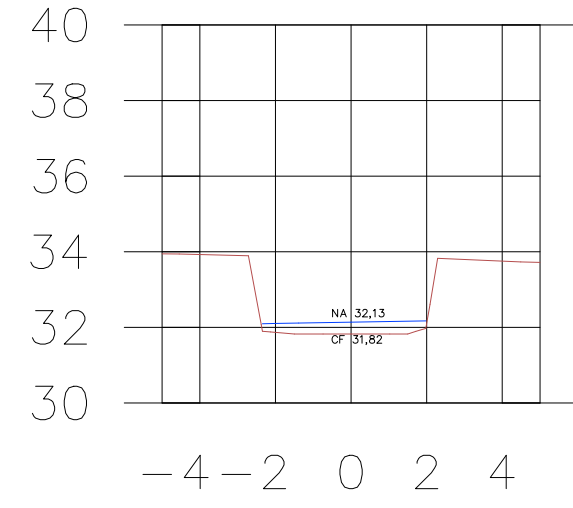
LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 4+500,00 A E 4+800,00

CONSÓRCIO APOIO TÉCNICO DEBIRAM	RESP. TÉCNICO / CREA OU CAU ALBERTO JOSÉ MARRAS AMBICREARJ. 20310601	FOLHA
 	PROJETISTA / CREA OU CAU ALBERTO JOSÉ MARRAS AMBICREARJ. 20310601	22/25
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B022-DE-R0
		ESCALA 1/200

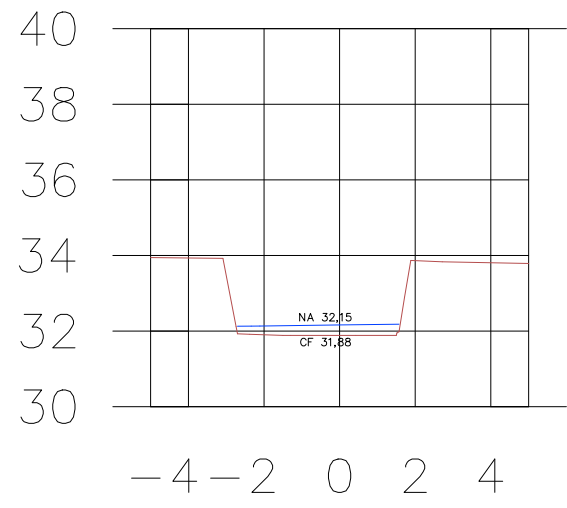
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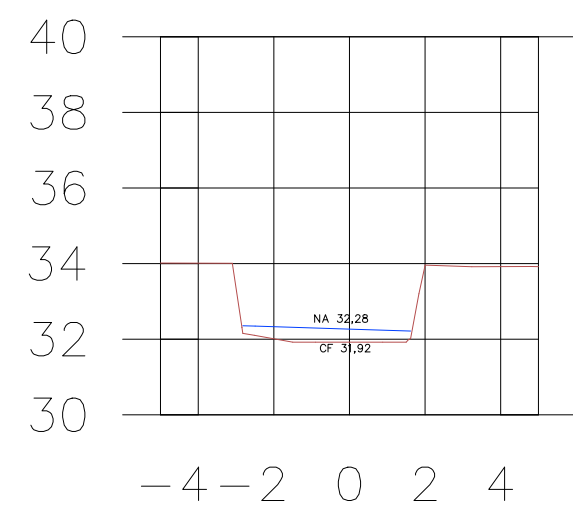
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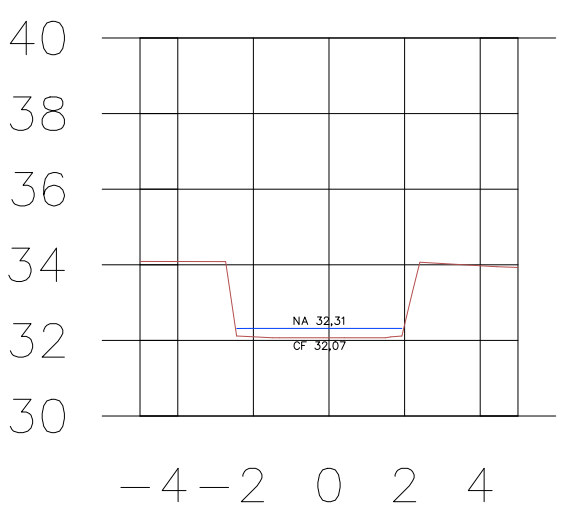
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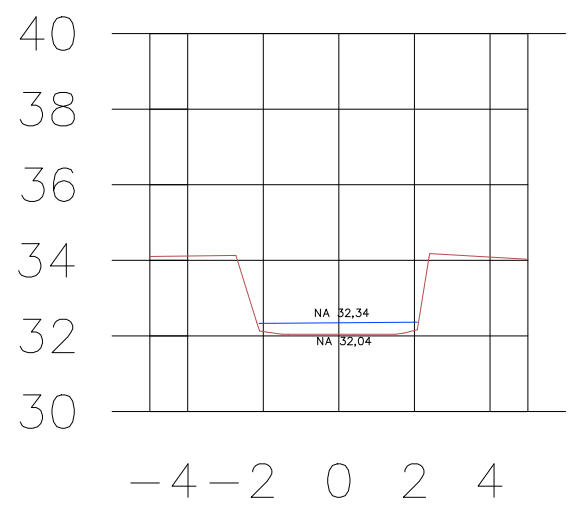
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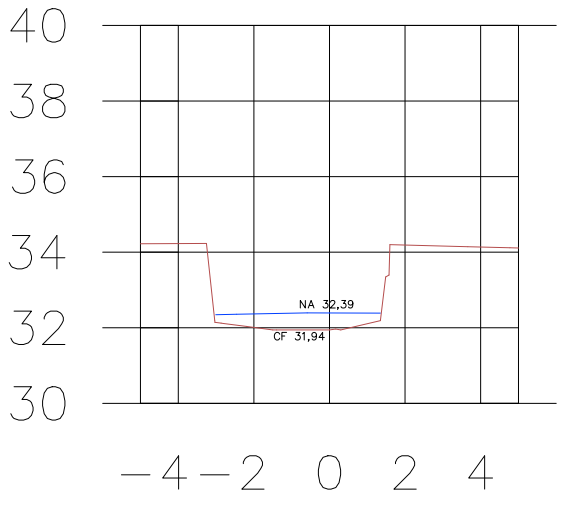
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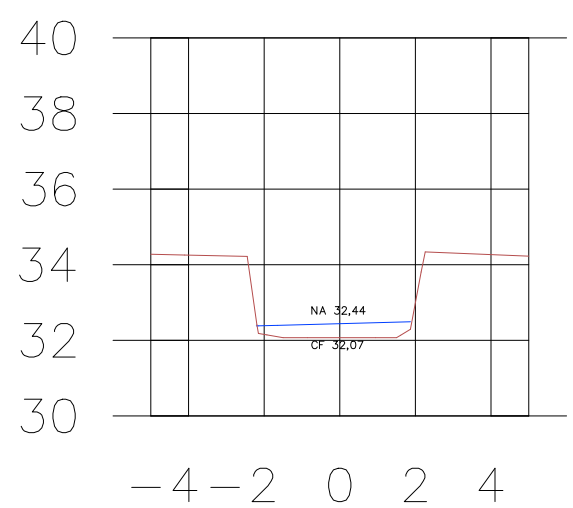
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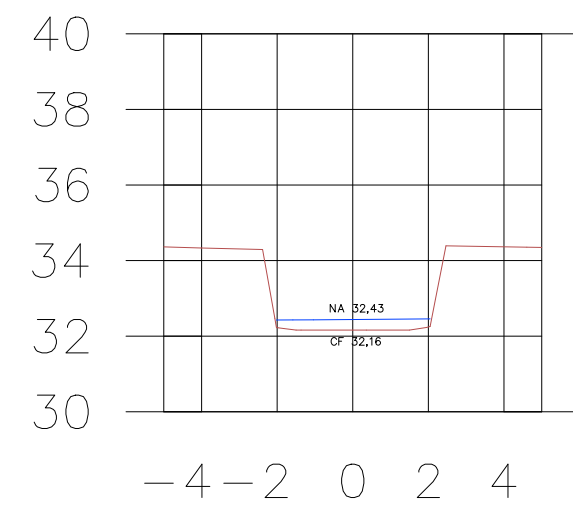
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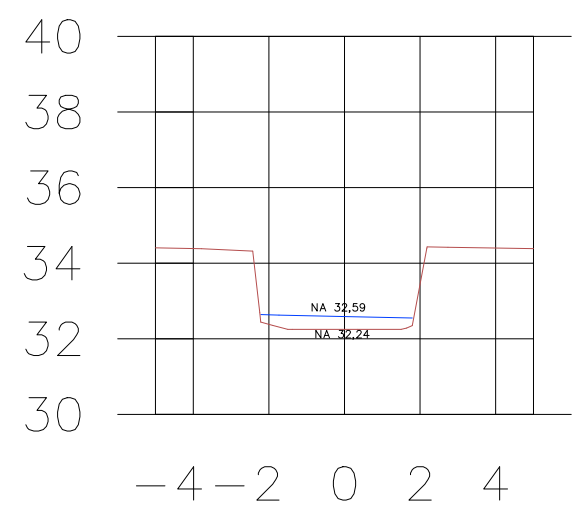
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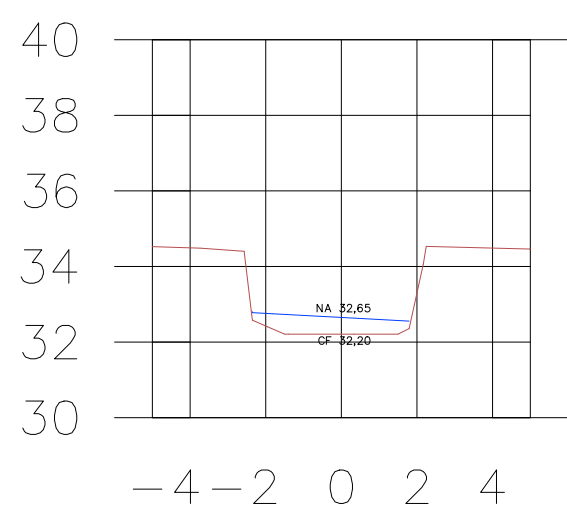
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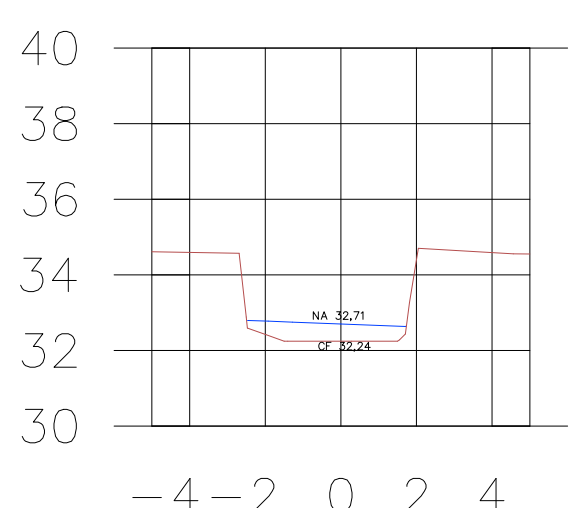
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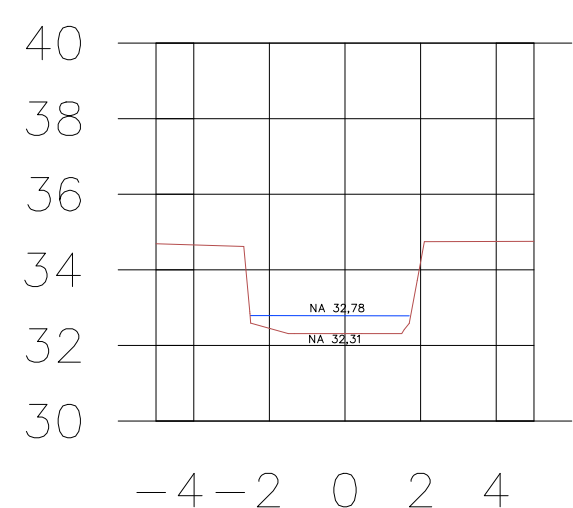
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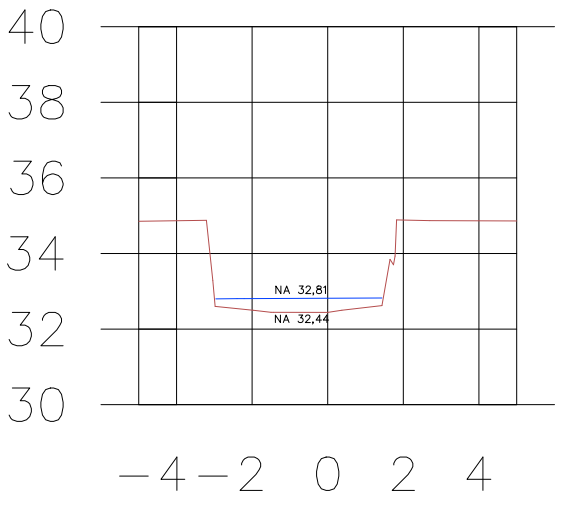
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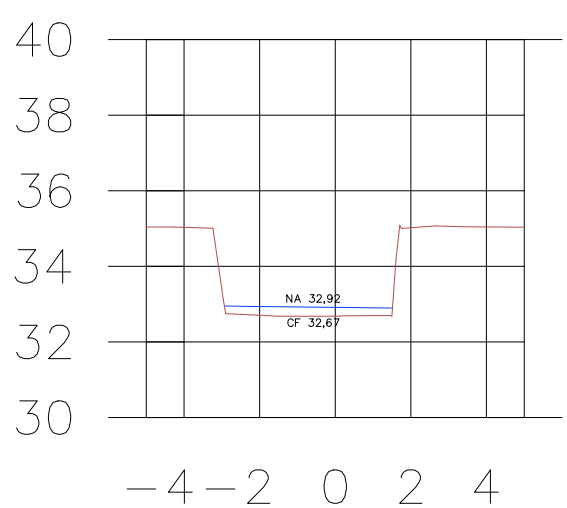
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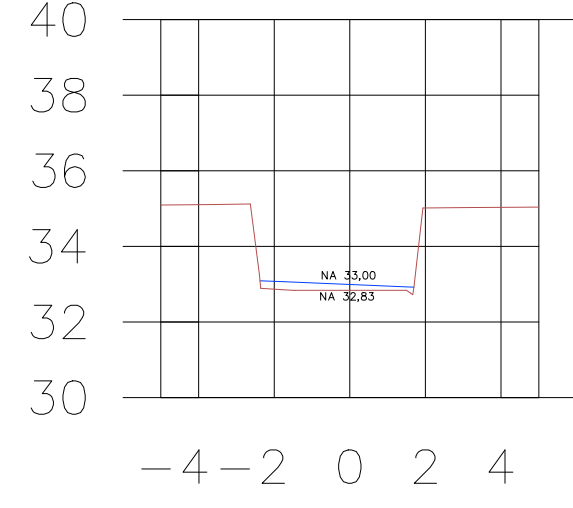
5+080.00



5+100.00



5+120.00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- 1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- 2 - AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

- 1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição



instituto estadual
do ambiente



Secretaria de
Ambiente e
Sustentabilidade



GOVERNO DO ESTADO
RIO DE JANEIRO



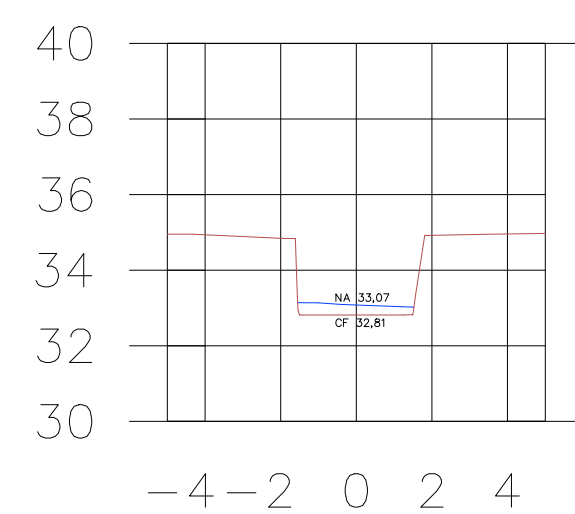
Rio2030
a nova agenda

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

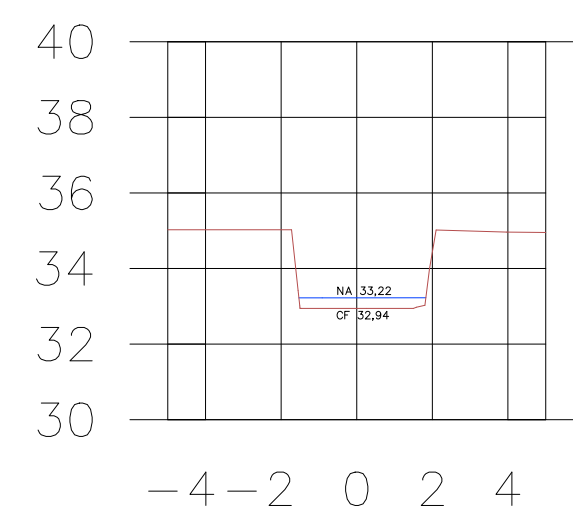
LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 4+820,00 A E 5+120,00

CONSÓRCIO APOIO TÉCNICO DEBIRAM	RESP. TÉCNICO CREA RJ CAU ALBERTO JOSÉ MARINHO AMBICREARJ 203106201	FOLHA 23/25
cobrope	PROJETISTA CREA RJ CAU ALBERTO JOSÉ MARINHO AMBICREARJ 203106201	
Aquila Engenharia	APROFUNDADOR CREA RJ CAU JOSÉ AUGUSTO GASTRODREARJ 3631910	
DATA 14/06/2023	AUTOR/IDENT. RICARDO ROSADO DE OLIVEIRA CREA RJ 2013135374	NÚMERO DO DESENHO DRM-BBGB-PRJ-MRN-1-CCA-B023-DE-R0
		ESCALA 1/200

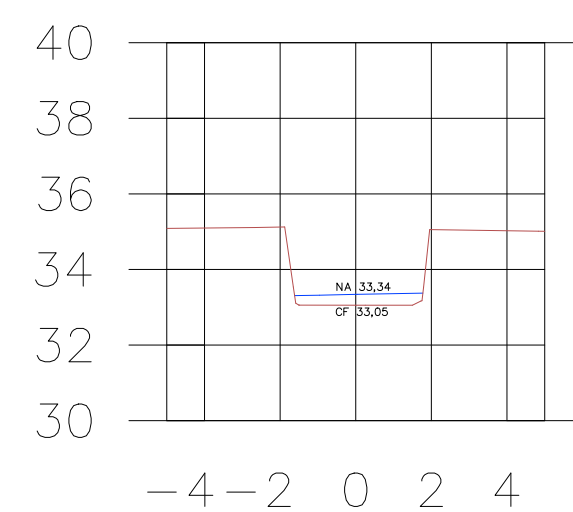
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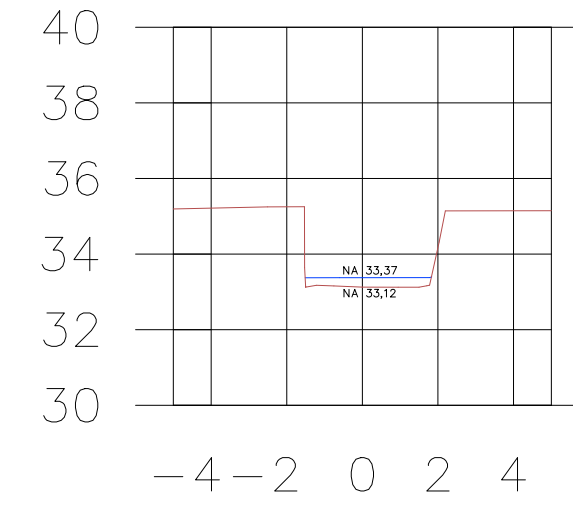
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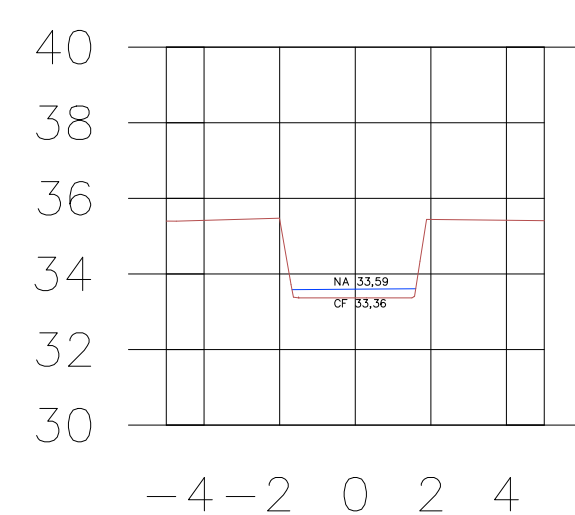
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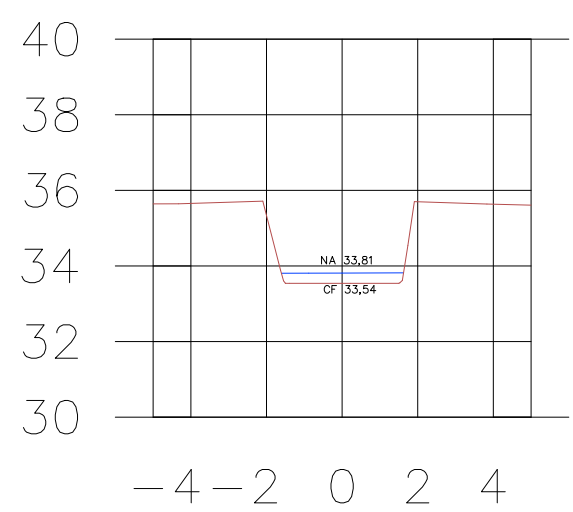
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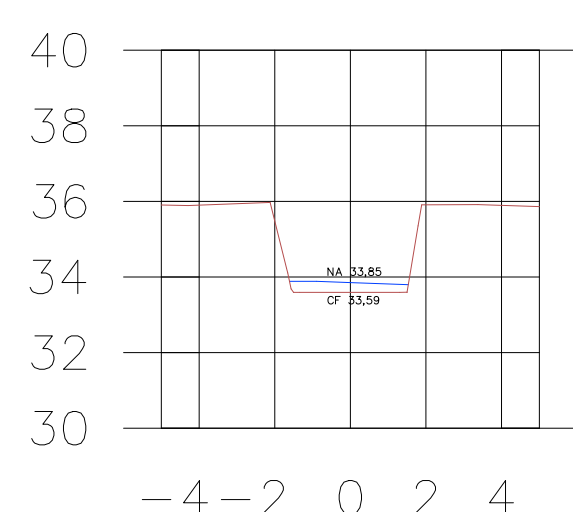
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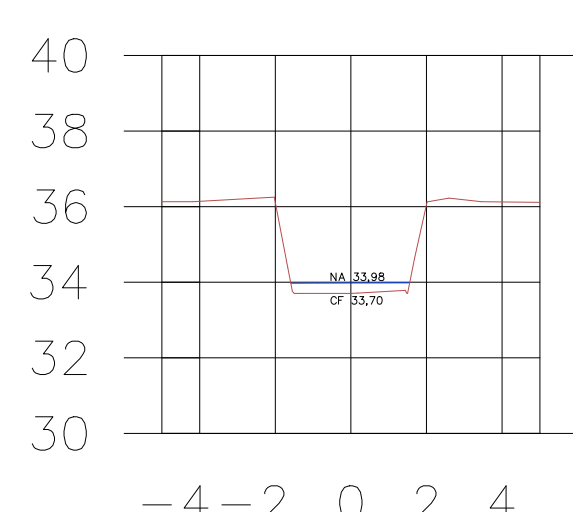
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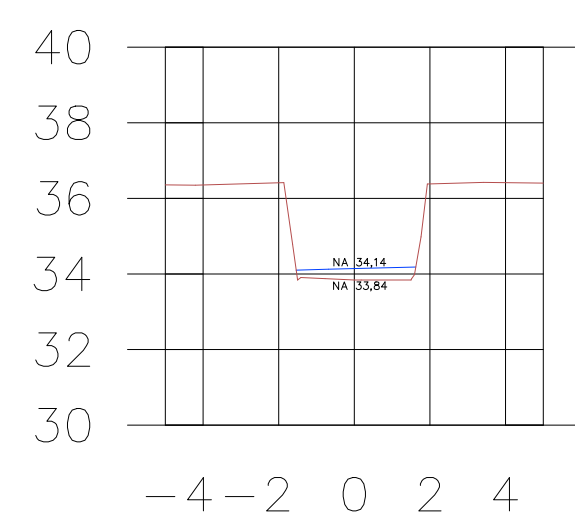
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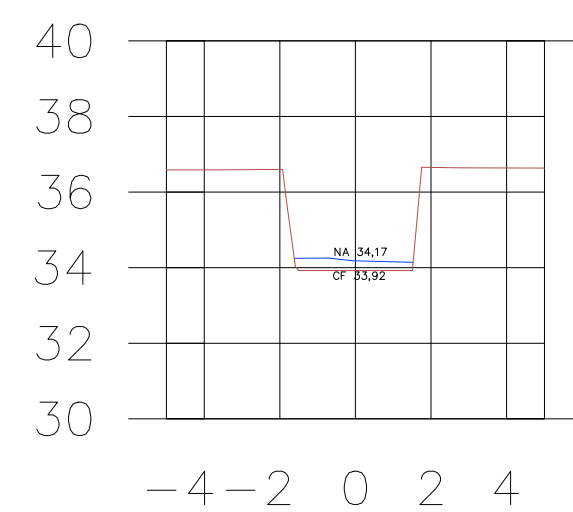
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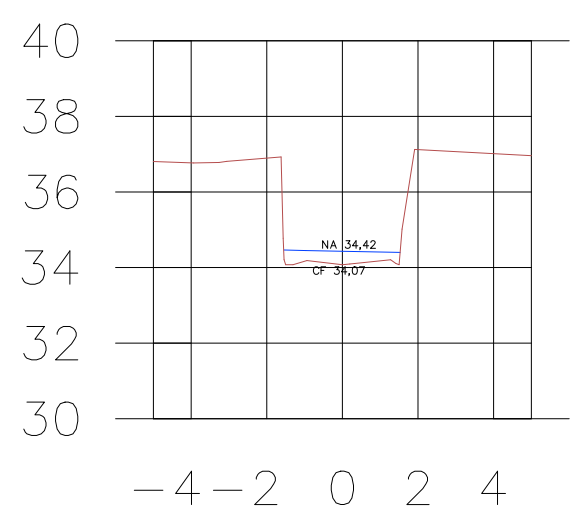
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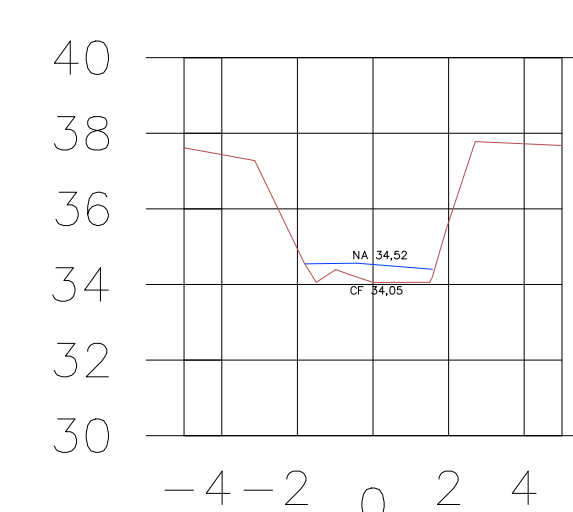
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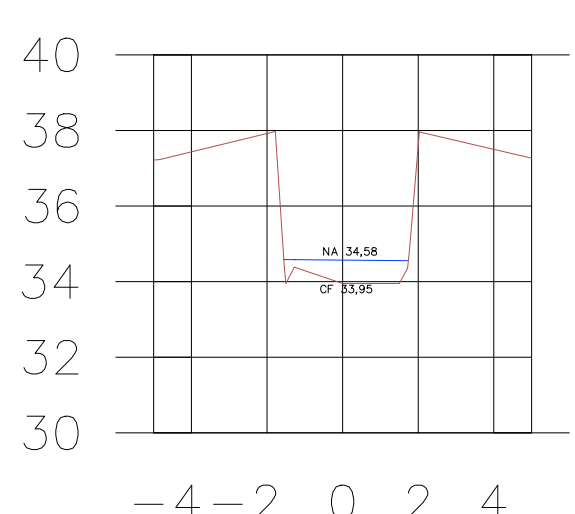
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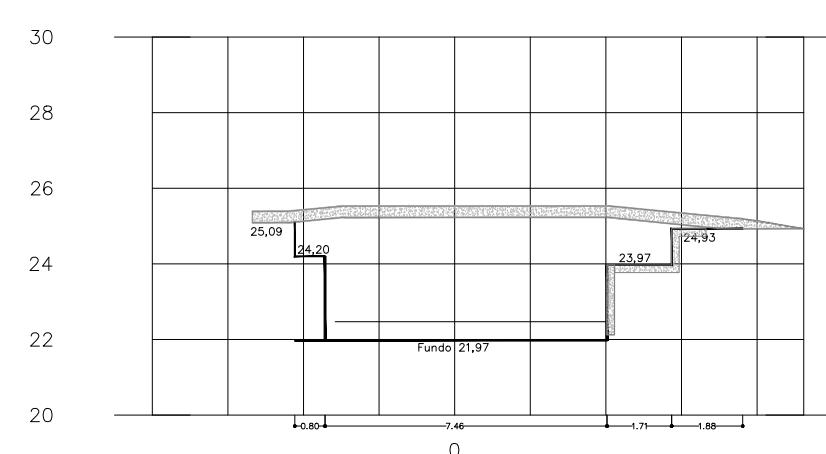
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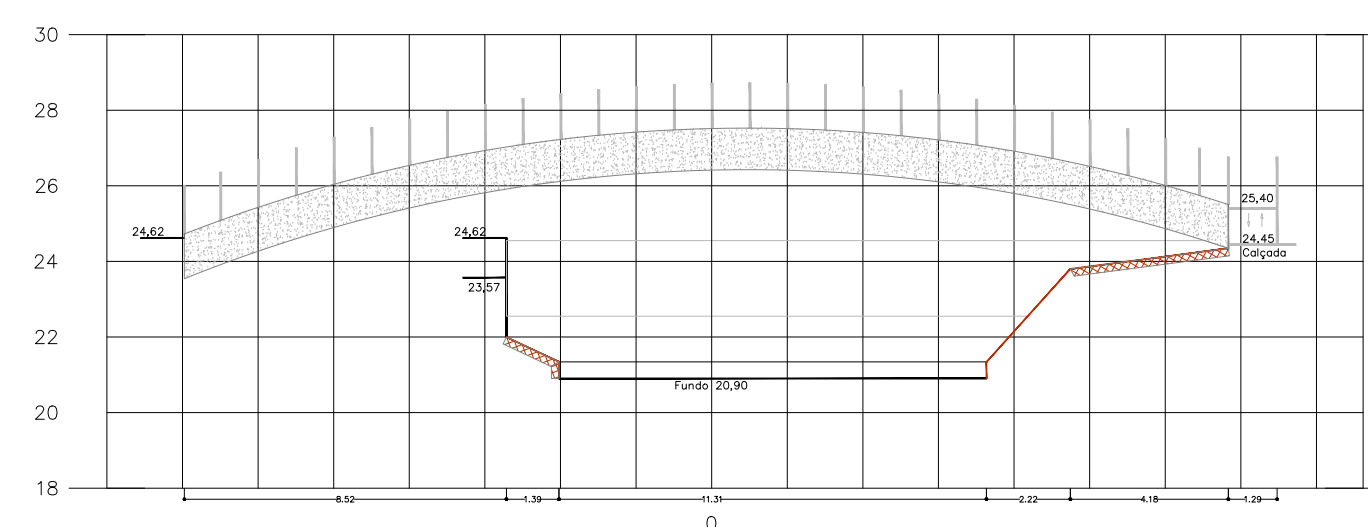
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Passarela RM-10 - 0+558.00



Passarela RM-11 - 0+738.00



LEGENDA

— TERRENO NATURAL
— NÍVEL D'ÁGUA

NOTAS

1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
2 - AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

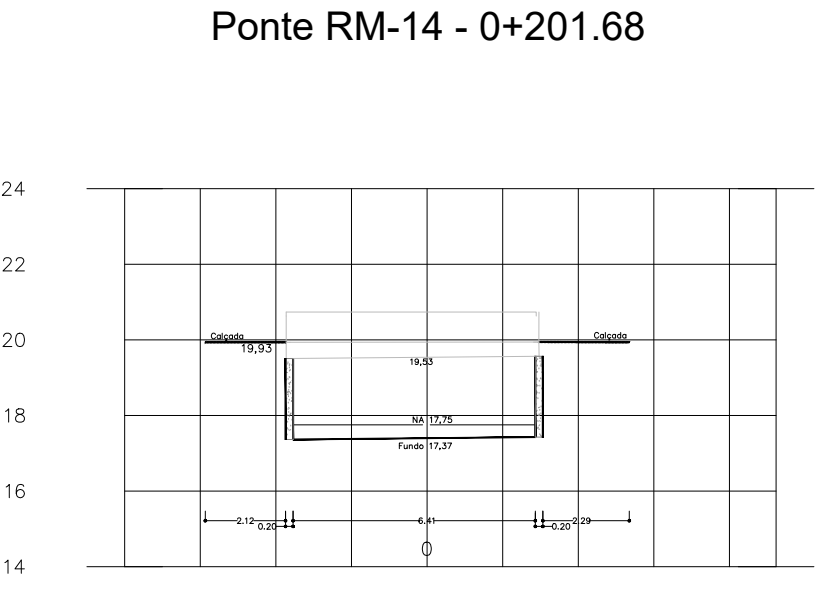
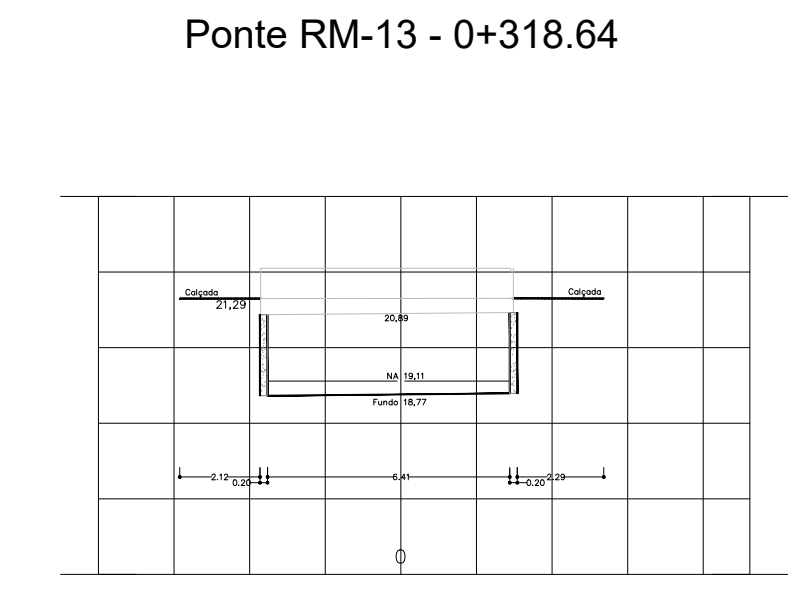
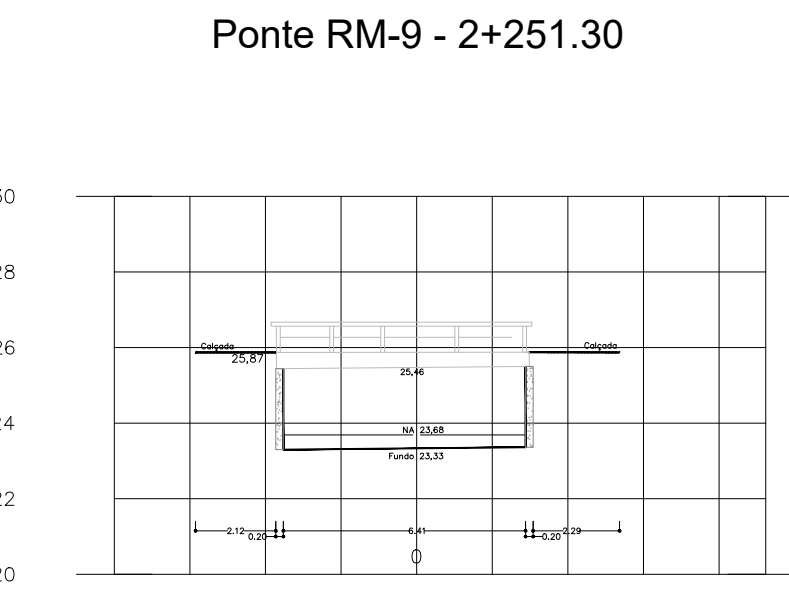
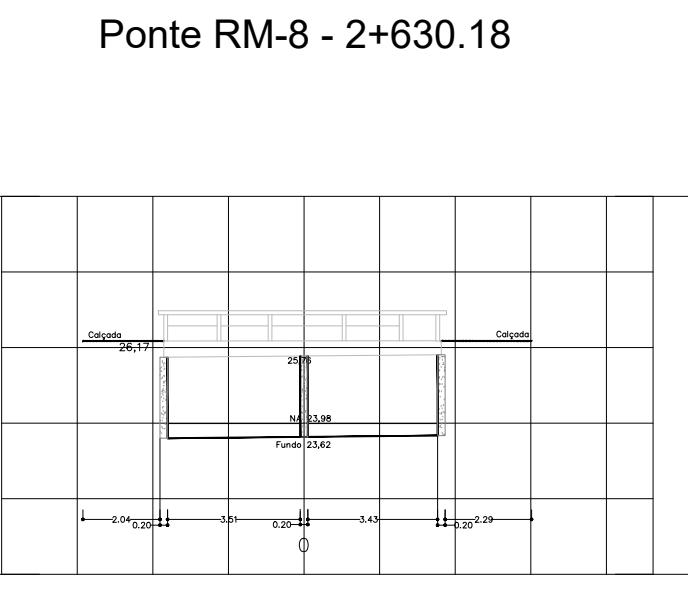
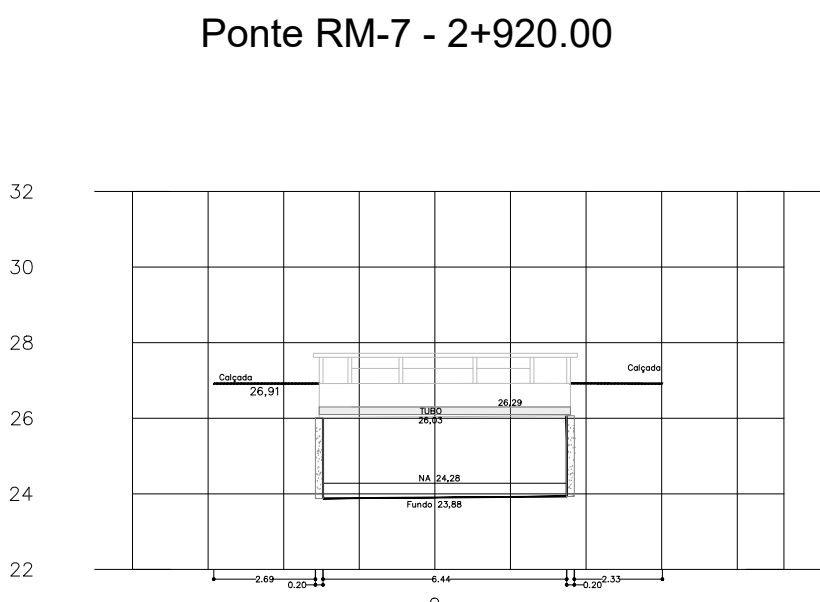
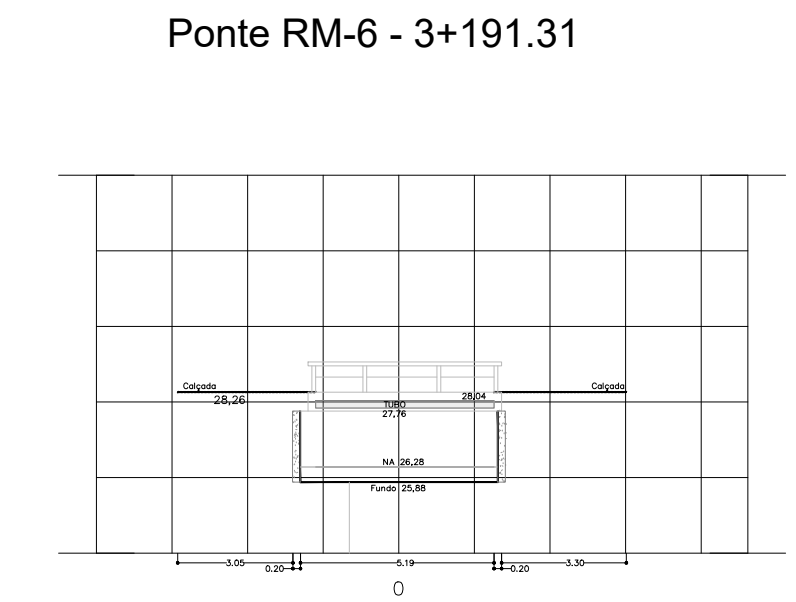
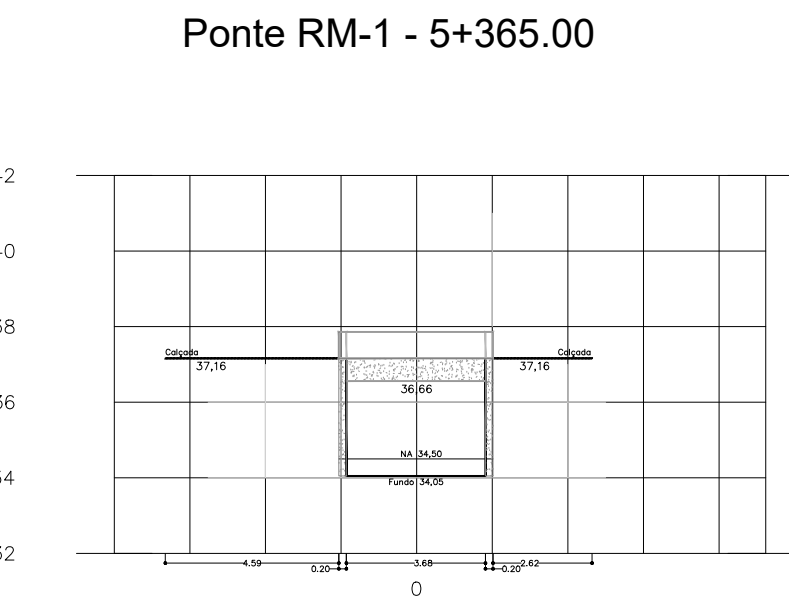
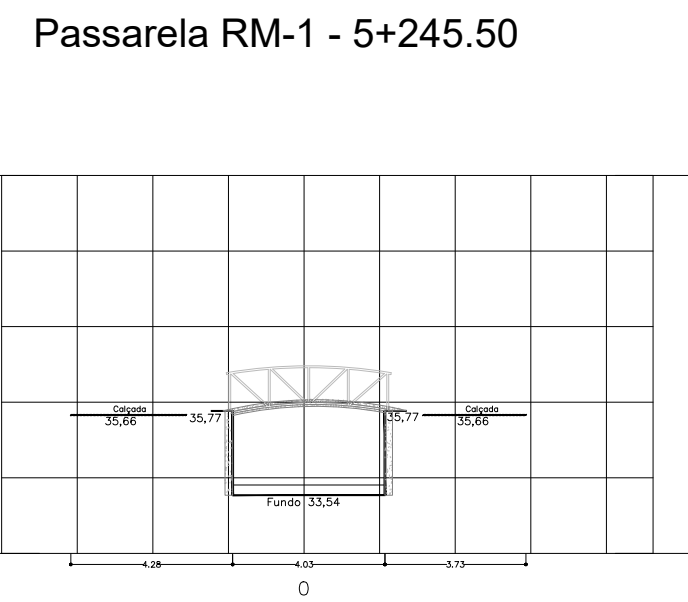
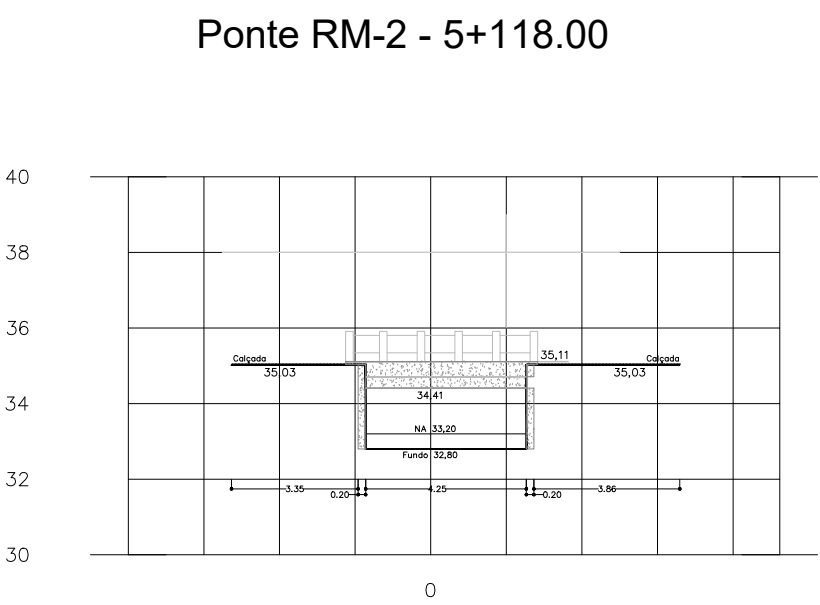
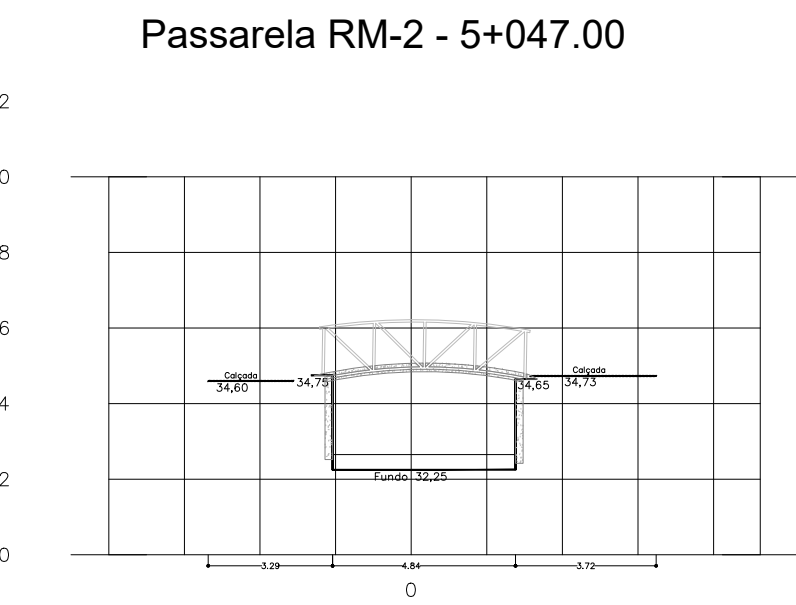
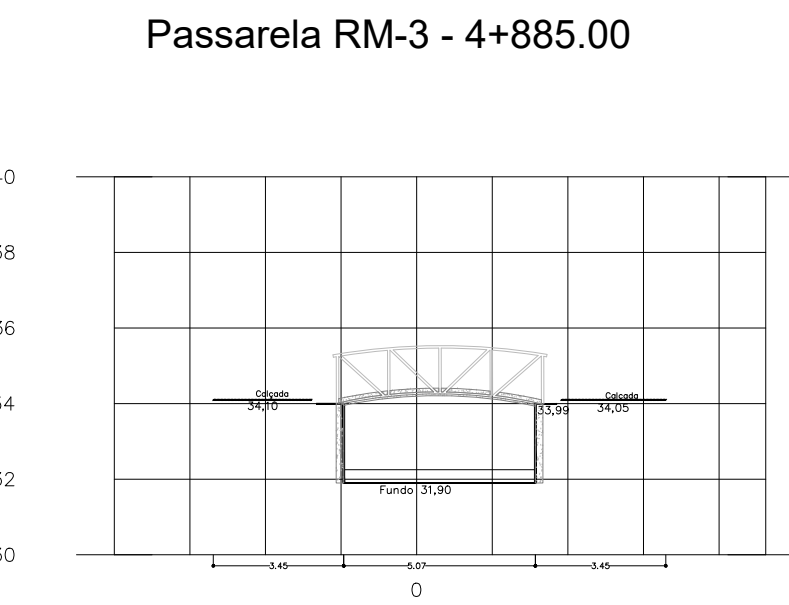
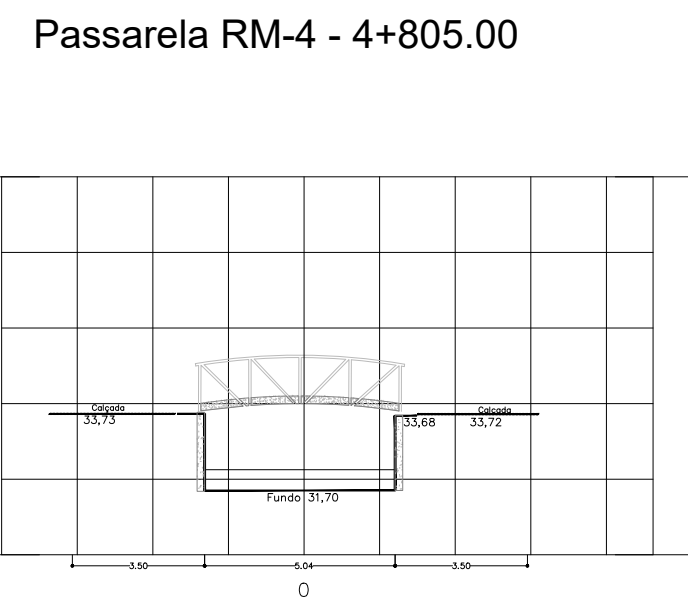
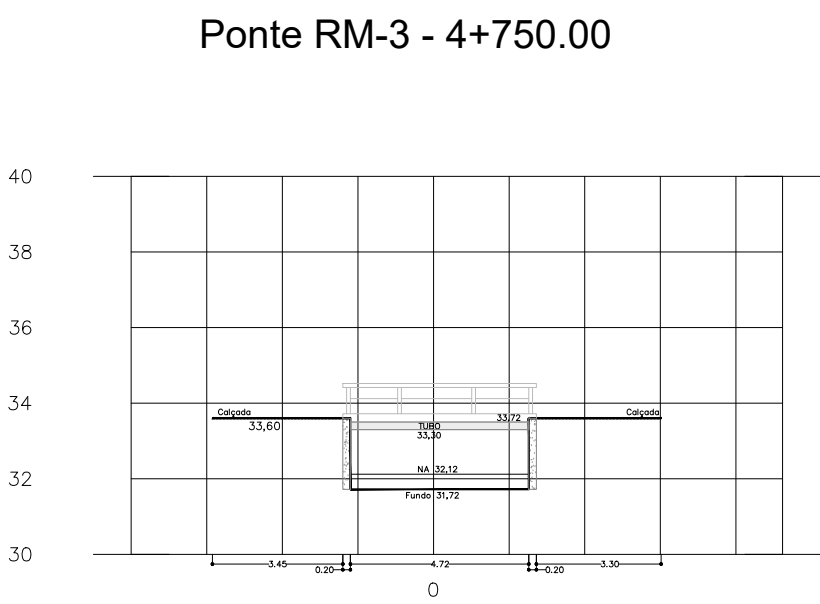
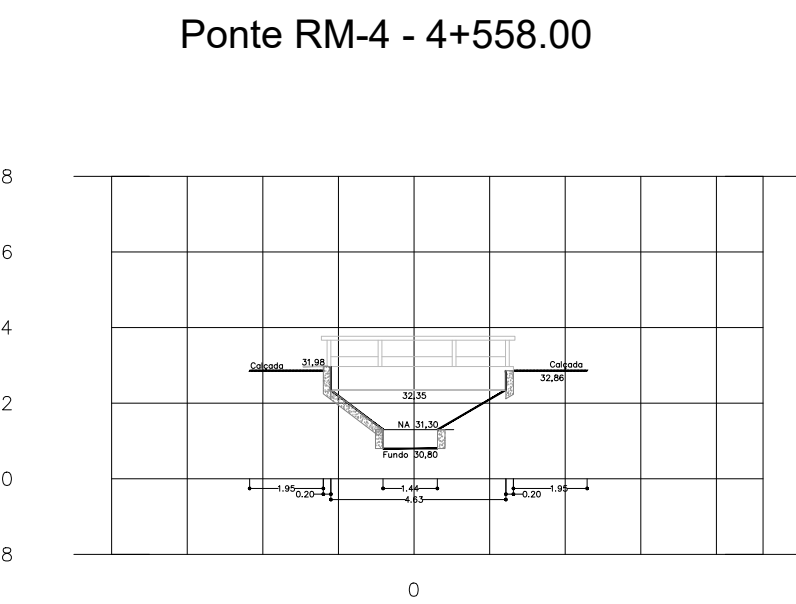
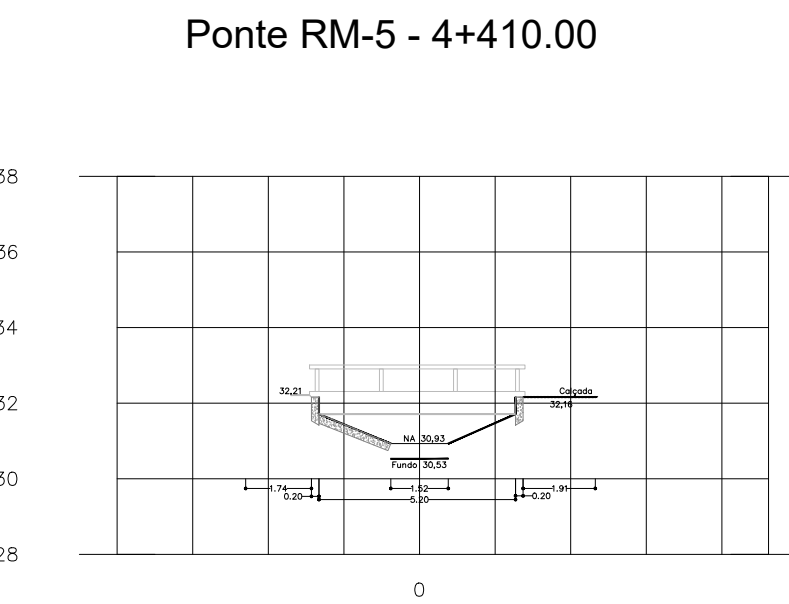
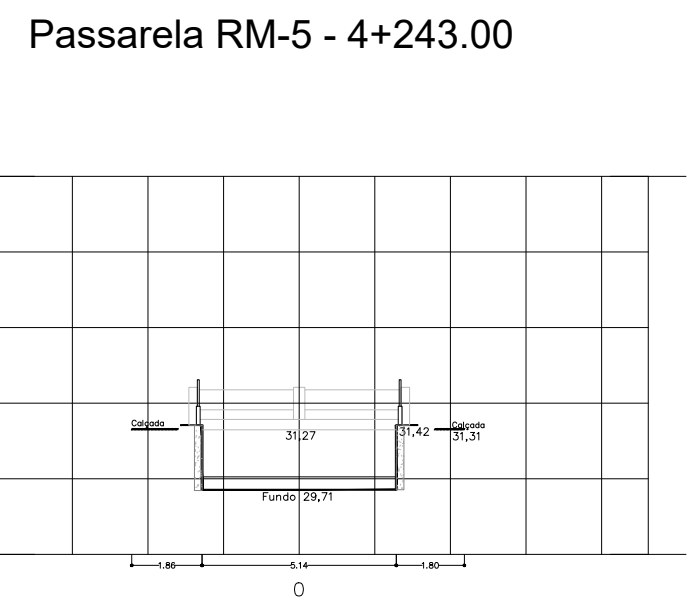
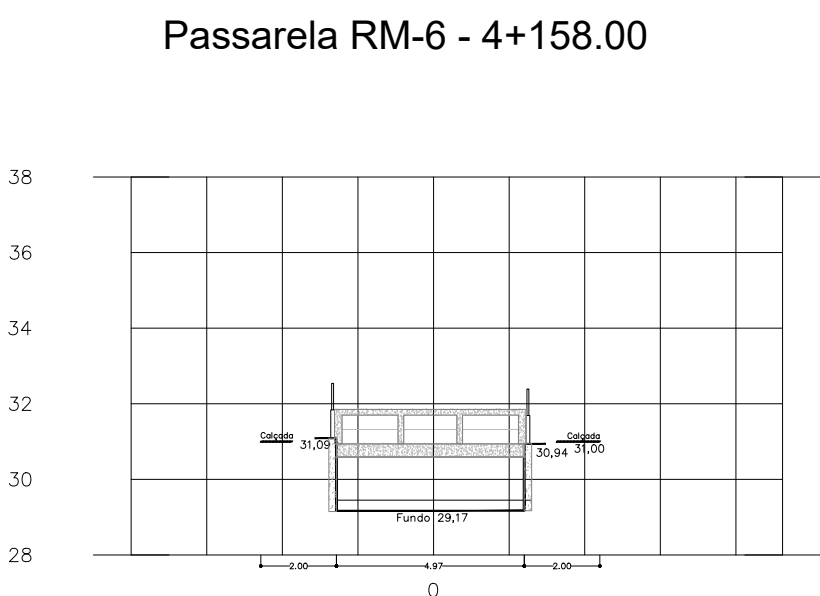
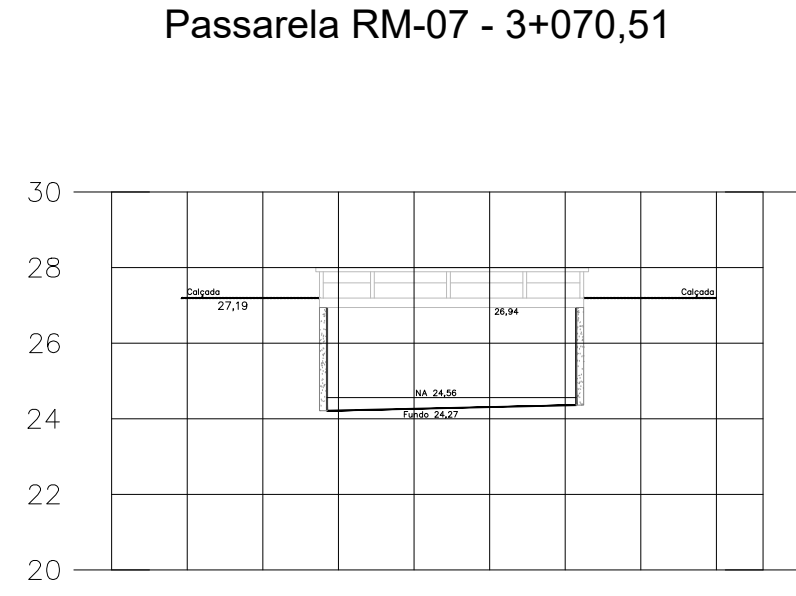
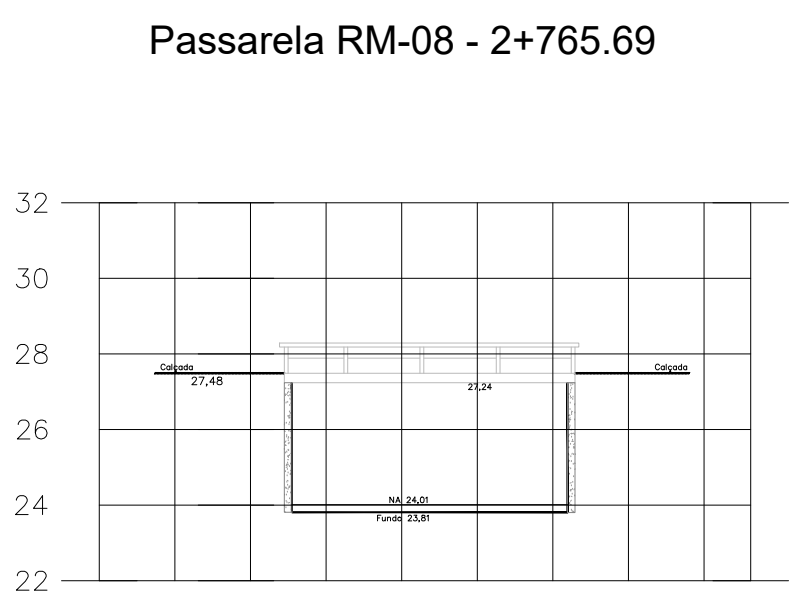
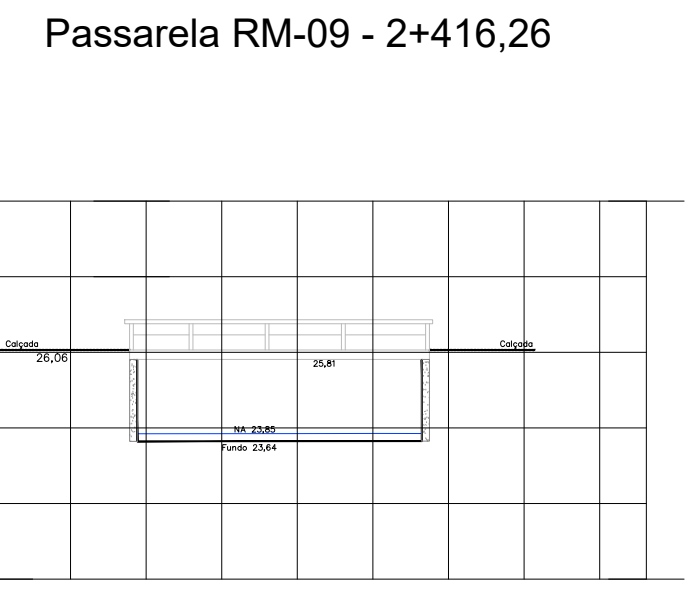
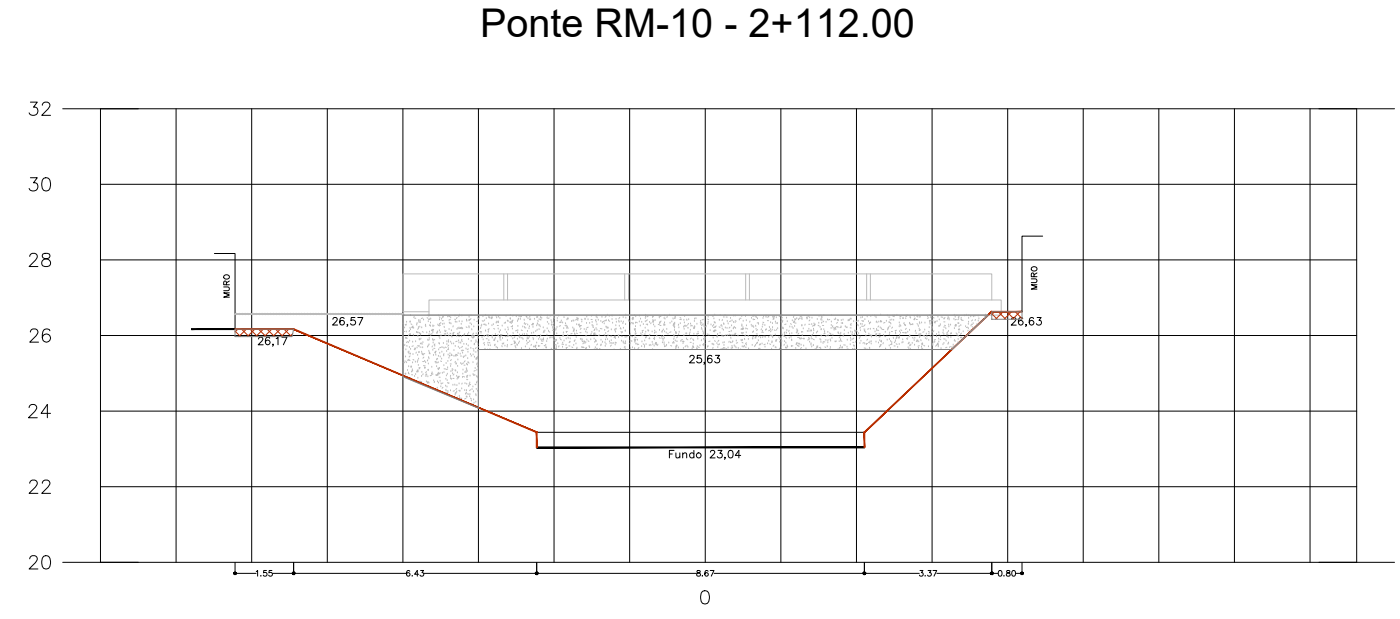
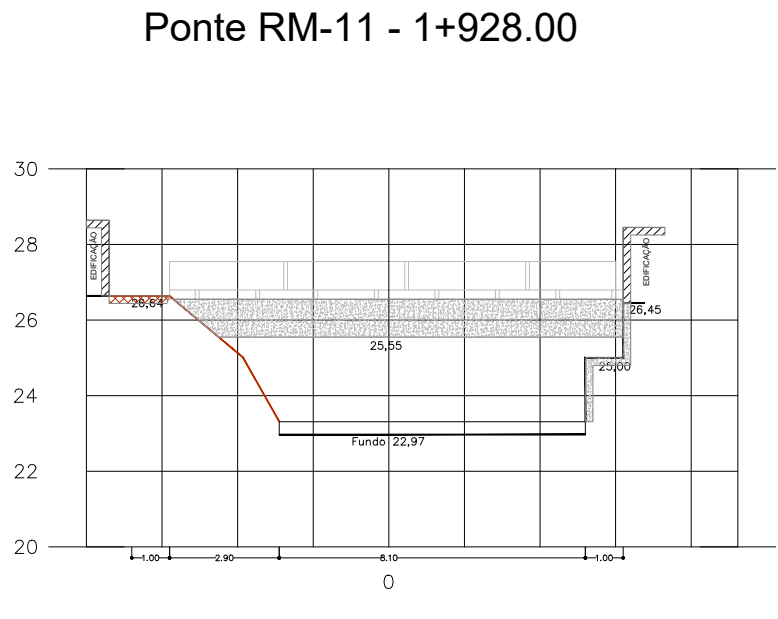
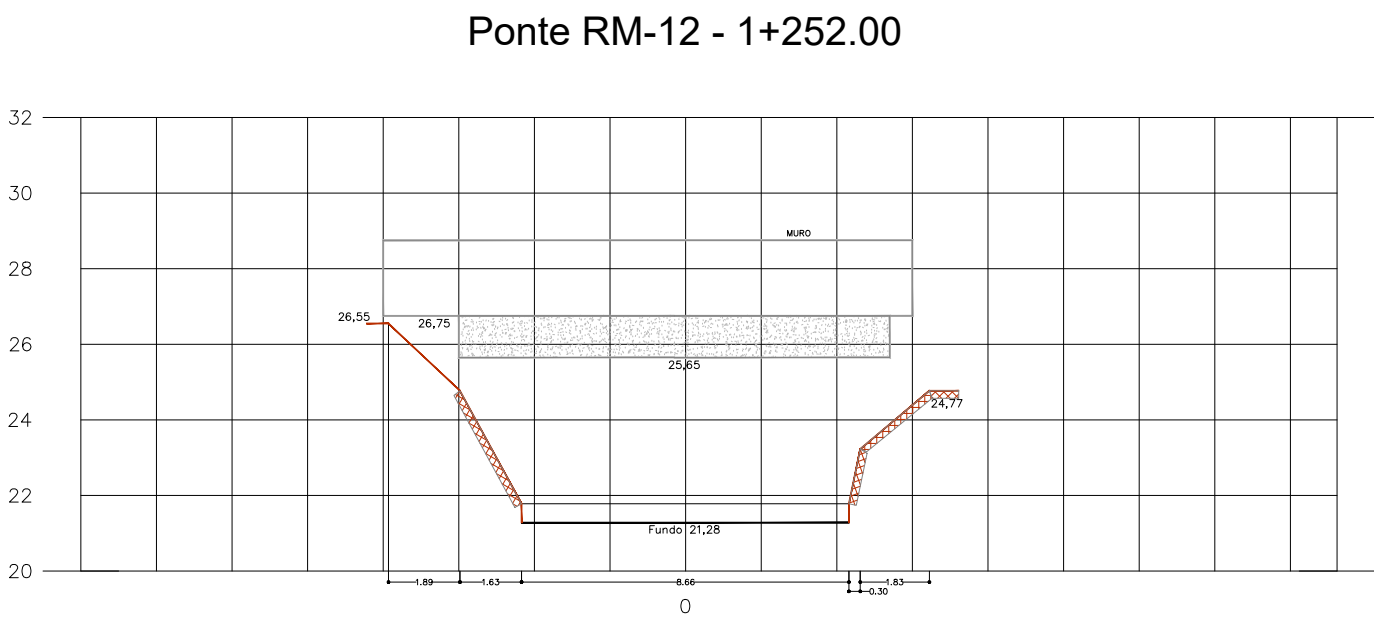
DOCUMENTOS DE REFERÊNCIA

1 - DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMISSÃO INICIAL
Emissão	Data	Descrição

ESTUDOS DE MACRODRENAGEM DO RIO MARINHO - REALENGO

LEVANTAMENTO TOPOGRÁFICO
SEÇÕES TRANSVERSAIS - E 5+140,00 A E 5+380,00



LEGENDA

- TERRENO NATURAL
- NÍVEL D'ÁGUA

NOTAS

- MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO.
- AS COTAS DE FUNDO E DO NÍVEL D'ÁGUA SÃO REFERENTES AO EIXO DO ESTAKEAMENTO.

DOCUMENTOS DE REFERÊNCIA

- DRM-BBGB-PRJ-MRN-1-CCA-B001 a B003-DE-R0 - LEVANTAMENTO TOPOGRÁFICO - RIO MARINHO

R-0	14/06/2023	EMIÇÃO INICIAL
Emissão	Data	Descrição