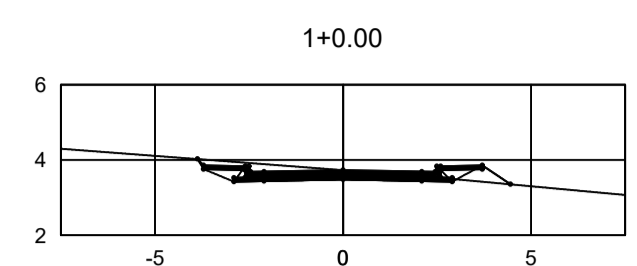
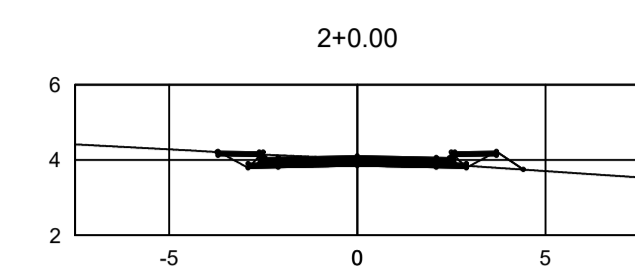


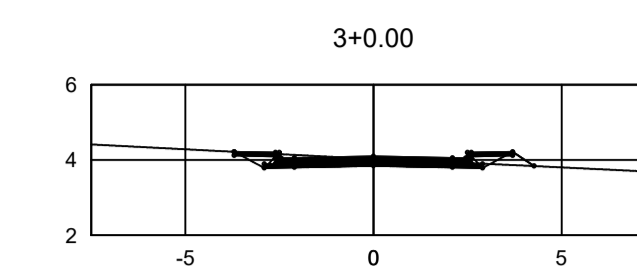
Cota terreno = 4.13
Cota projeto = 3.883



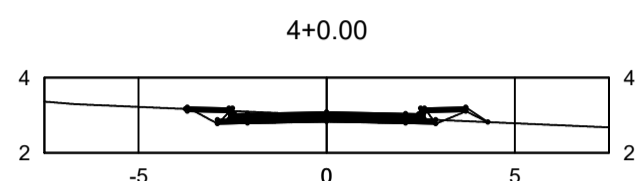
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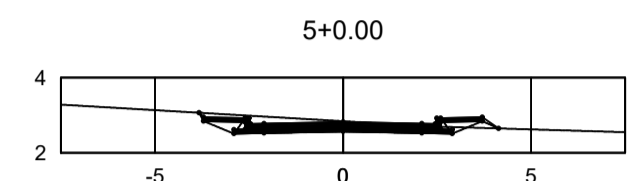
Cota terreno = 4.03
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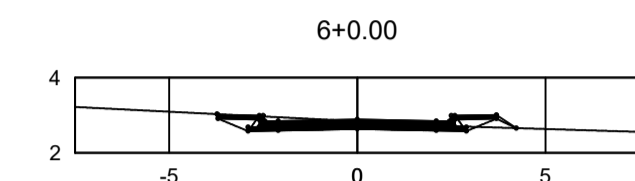
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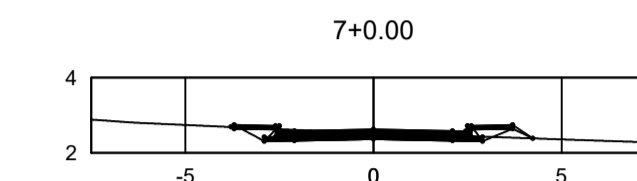
Cota terreno = 3.00
Cota projeto = 2.830



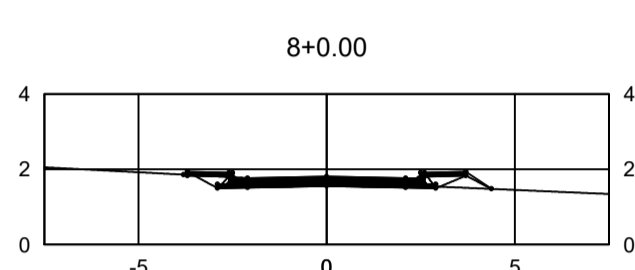
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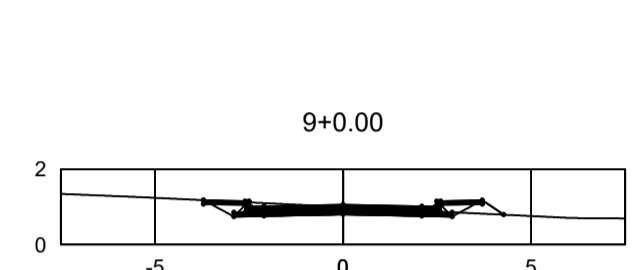
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Cota projeto = 2.634



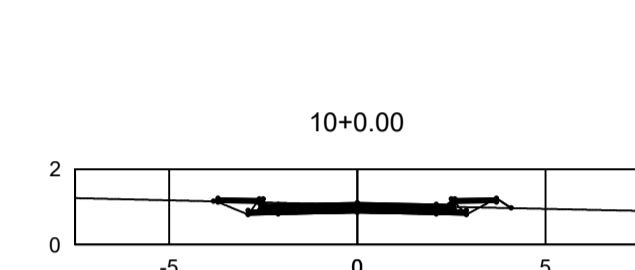
Cota terreno = 2.53
Cota projeto = 2.367



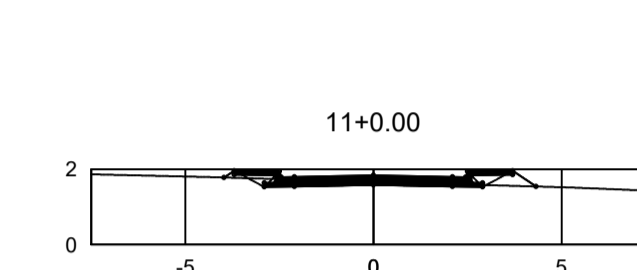
Cota terreno = 1.66
Cota projeto = 1.553



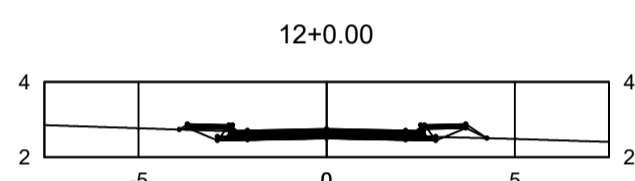
Cota terreno = 1.00
Cota projeto = 0.800



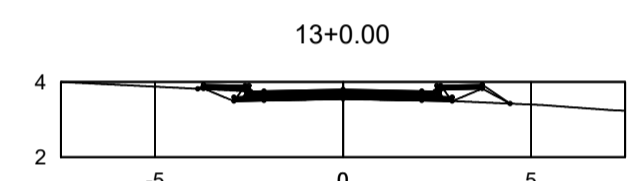
Cota terreno = 1.06
Cota projeto = 0.852



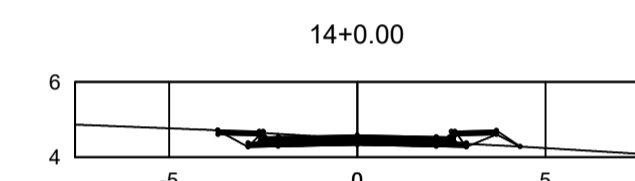
Cota terreno = 1.66
Cota projeto = 1.584



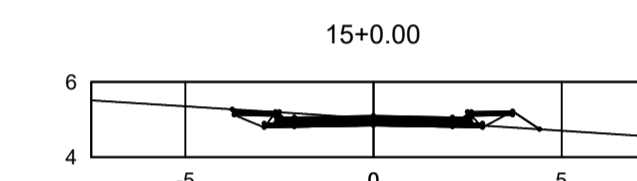
Cota terreno = 2.61
Cota projeto = 2.499



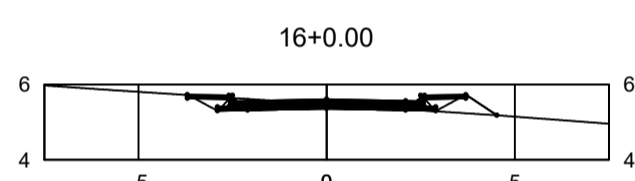
Cota terreno = 3.02
Cota projeto = 3.545



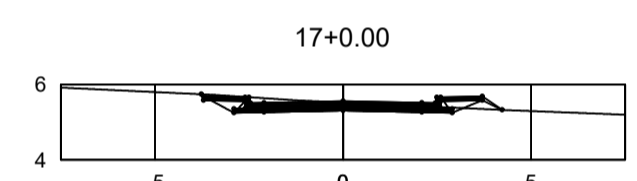
Cota terreno = 4.50
Cota projeto = 4.329



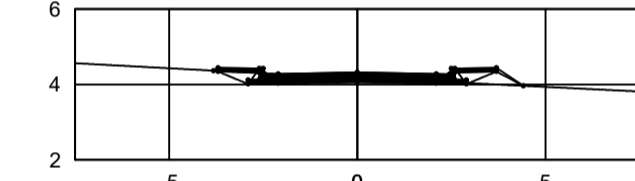
Cota terreno = 5.02
Cota projeto = 4.845



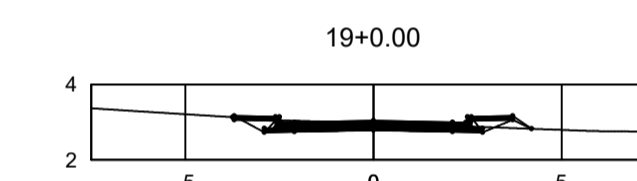
Cota terreno = 5.48
Cota projeto = 5.385



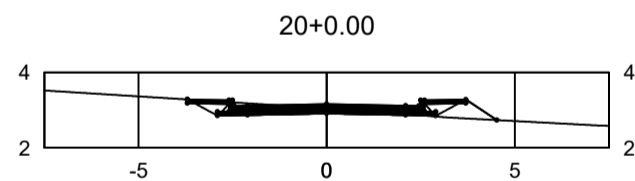
Cota terreno = 5.52
Cota projeto = 5.306



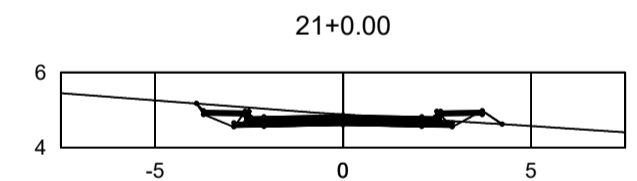
Cota terreno = 4.16
Cota projeto = 4.069



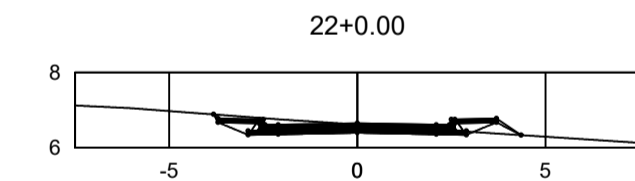
Cota terreno = 2.97
Cota projeto = 2.786



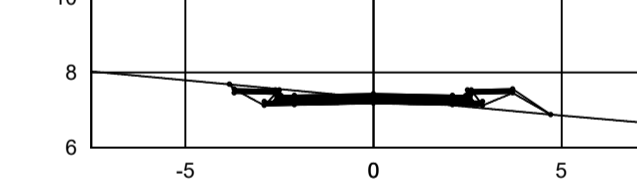
Cota terreno = 3.04
Cota projeto = 2.905



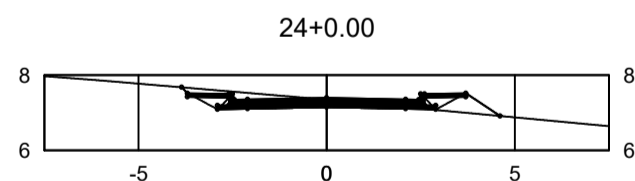
Cota terreno = 4.88
Cota projeto = 4.606



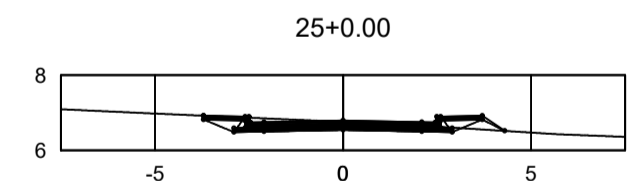
Cota terreno = 6.62
Cota projeto = 6.388



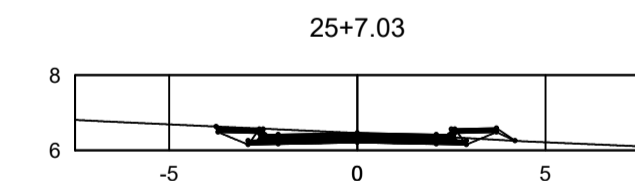
Cota terreno = 7.32
Cota projeto = 7.178



Cota terreno = 7.34
Cota projeto = 7.144



Cota terreno = 6.70
Cota projeto = 6.541

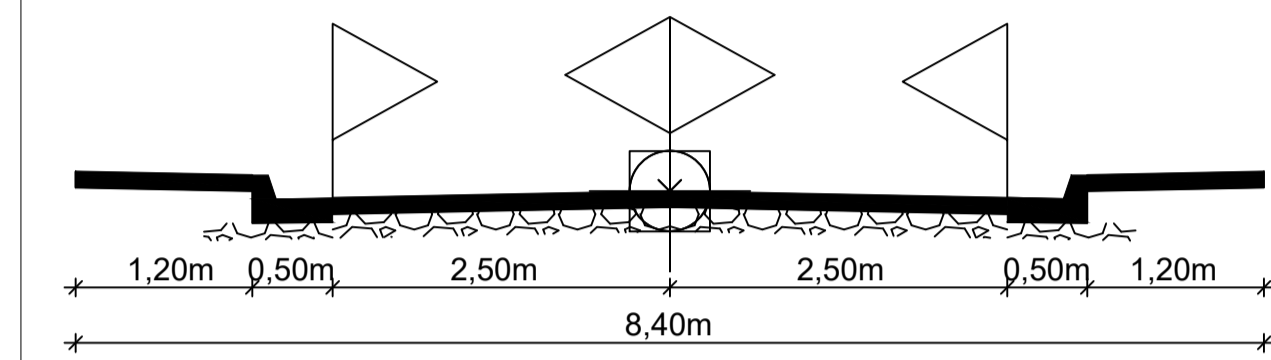
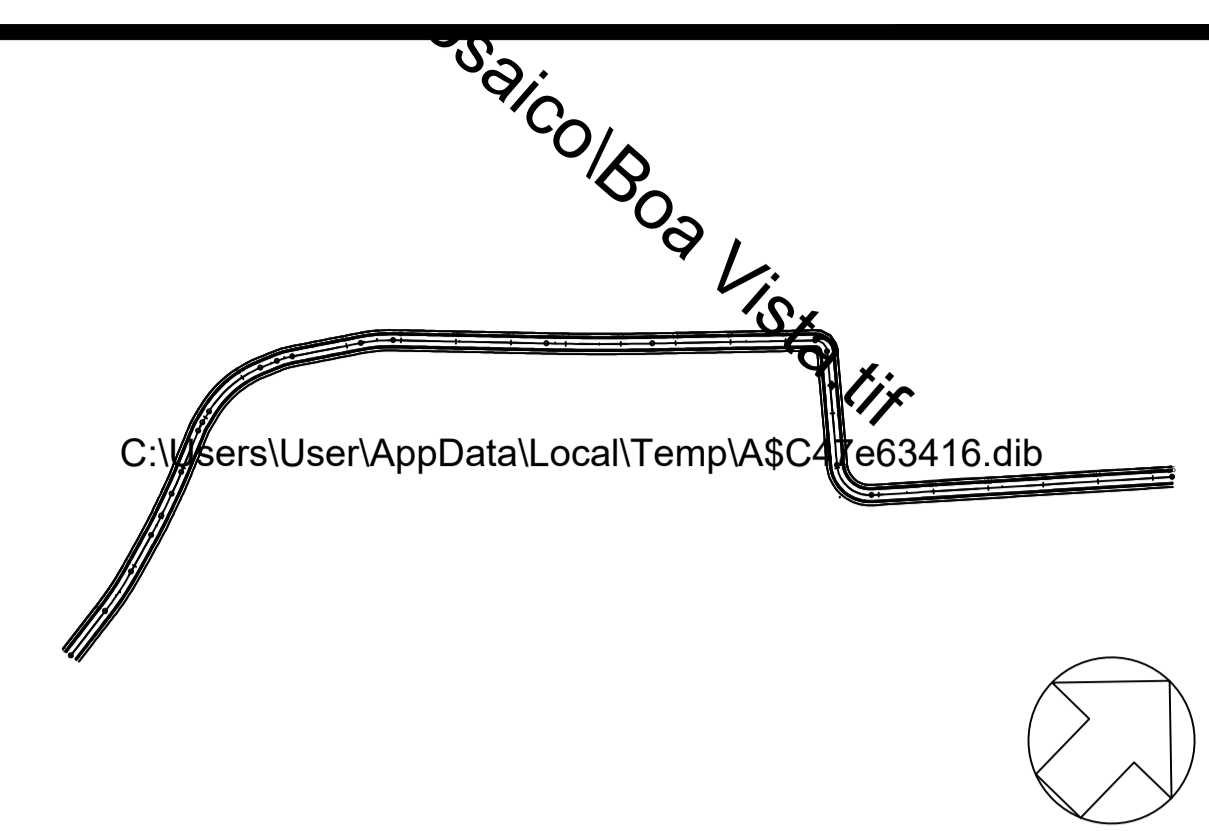


Cota terreno = 6.48
Cota projeto = 6.299

VOLUME DE CORTE DA RUA BOA ESPERANÇA			
ESTACA	ÁREA (m²)	VOLUME (m³)	VOLUME ACUMULADO (m³)
0+0.00	1.71	0.00	0.00
1+0.00	1.71	34.25	34.25
2+0.00	1.13	28.13	62.38
3+0.00	1.24	23.59	85.96
4+0.00	1.11	23.38	109.34
5+0.00	1.82	29.46	138.80
6+0.00	1.35	32.30	171.10
7+0.00	1.06	24.49	195.59
8+0.00	0.77	18.38	213.97
9+0.00	1.28	20.73	234.70
10+0.00	1.27	25.48	260.19
11+0.00	0.52	17.94	278.13
12+0.00	0.73	12.54	290.67
13+0.00	0.57	12.97	303.63
14+0.00	1.14	17.12	320.76
15+0.00	1.25	23.90	344.65
16+0.00	0.89	21.32	365.98
17+0.00	1.45	25.25	391.23
18+0.00	0.70	21.45	412.68
19+0.00	1.16	18.53	431.21
20+0.00	0.96	19.68	450.89
21+0.00	1.93	28.86	479.75
22+0.00	1.49	34.20	513.95
23+0.00	1.15	26.43	540.38
24+0.00	1.43	25.81	566.19
25+0.00	1.36	27.93	594.12
25+7.03	1.61	10.47	604.59

VOLUME DE ATERRO DA RUA BOA ESPERANÇA			
ESTACA	ÁREA (m²)	VOLUME (m³)	VOLUME ACUMULADO (m³)
0+0.00	0.31	0.00	0.00
1+0.00	0.37	6.80	6.80
2+0.00	0.38	7.69	14.49
3+0.00	0.25	6.35	20.84
4+0.00	0.24	4.91	25.75
5+0.00	0.13	3.54	29.29
6+0.00	0.20	3.00	32.29
7+0.00	0.21	3.81	36.10
8+0.00	0.25	5.61	41.71
9+0.00	0.25	5.55	47.26
10+0.00	0.13	3.80	51.07
11+0.00	0.42	5.46	56.53
12+0.00	0.27	6.91	63.44
13+0.00	0.46	7.31	71.06
14+0.00	0.28	7.35	78.41
15+0.00	0.39	6.64	85.05
16+0.00	0.52	9.06	94.11
17+0.00	0.18	5.24	99.35
18+0.00	0.40	5.85	105.20
19+0.00	0.17	5.94	111.04
20+0.00	0.54	8.88	119.92
21+0.00	0.20	7.35	127.27
22+0.00	0.28	4.74	132.01
23+0.00	0.66	9.37	141.39
24+0.00	0.56	12.22	153.61
25+0.00	0.22	7.85	161.46
25+7.03	0.14	1.28	162.74

VOLUME DE SUB-BASE DA RUA BOA ESPERANÇA			
ESTACA	ÁREA (m²)	VOLUME (m³)	VOLUME ACUMULADO (m³)
0+0.00	0.79	0.00	0.00
1+0.00	0.79	15.88	15.88
2+0.00	0.79	15.88	31.75
3+0.00	0.79	15.88	47.63
4+0.00	0.79	15.88	63.51
5+0.00	0.79	15.88	79.38
6+0.00	0.79	15.88	95.26
7+0.00	0.79	15.88	111.14
8+0.00	0.79	15.88	127.01
9+0.00	0.79	15.88	142.89
10+0.00	0.79	15.88	158.77
11+0.00	0.79	15.88	174.64
12+0.00	0.79	15.88	190.52
13+0.00	0.79	15.88	206.40
14+0.00	0.79	15.88	222.28
15+0.00	0.79	15.88	238.15
16+0.00	0.79	15.88	254.03
17+0.00	0.79	15.88	269.91
18+0.00	0.79	15.88	285.78
19+0.00	0.79	15.88	301.66
20+0.00	0.79	15.88	317.54
21+0.00	0.79	15.88	333.41
22+0.00	0.79	15.88	349.29
23+0.00	0.79	15.88	365.17
24+0.00	0.79	15.88	381.04
25+0.00	0.79	15.88	396.92
25+7.03	0.79	5.59	402.50



Pavimento em concreto 20MPa, e=10cm
Sub-base em material laterítico 100%, e= 15cm
Calçada em concreto, e=8cm

Seção transversal 5,00m (Típica)

SI/ ESCALA

Prefeitura Municipal de Quatipuru/PA
Secretaria Municipal de Meio Ambiente
PROJETO APROVADO

TC 986552/2025
Data: 19/12/2025

Silvio Santa Brígida Alves
Secretário Municipal de Meio Ambiente
Dec. nº 014/2025-PMQ/PA

Prefeitura Municipal de Quatipuru/PA
Secretaria Municipal de Obras, Urb, e Terras Patr.
PROJETO APROVADO

TC 986552/2025
Data: 19/12/2025

Joaquim Coelho de Brito Júnior
Secretaria Municipal de Obras, Urb, e Terras Patr.
Dec. nº 012/2021-PMQ/PA

Joaquim C. de Brito Junior
SECRETARIO DE OBRA
DECRETO 012/2021

MALHETE PROJETOS E CONSTRUÇÕES

PREFEITURA MUNICIPAL DE QUATIPURU-PA
GOVERNO PRESENTE. POVO FELIZ
ADM. JOSÉ AUGUSTO DIAS DA SILVA

PROJETO TOPOGRÁFICO

ASSUNTO: PROJETO DE PAVIMENTAÇÃO DE VIAS DO MUNICÍPIO DE QUATIPURU-PA

CONTEÚDO: SEÇÕES TRANSVERSAIS DA RUA BOA ESPERANÇA - BOA VISTA (EST 0+0,00m à EST 25+7,03m)

CLIENTE: PREFEITURA MUNICIPAL DE QUATIPURU - PA

RESP. TÉCNICO: JOSÉ CLÁUDIO MESQUITA PEDROSA
ESCALA HORIZONTAL: INDICADA
ESCALA VERTICAL: INDICADA
DESENHO: INDICADA
DATA: OUTUBRO/25

CREA: 12658D/PA

18/24

RESPONSABILIDADE SOCIAL AO REPRODUZIR ESTE DOCUMENTO
MENOS PAPEL, NO LIXO - MAIS ÁRVORES NA NATUREZA

SEÇÕES TRANSVERSAIS DA RUA BOA ESPERANÇA - BOA VISTA

ESC HOR. 1/200
ESC VERT. 1/20

CONFIG.	PENA	COR
.05	08	
.10	01	
.20	02	
.30	03	
.40	04	
.50	05	
.60	06	

José Claudio Mesquita Pedrosa
Engenheiro Civil
CREA 12658 D/PA