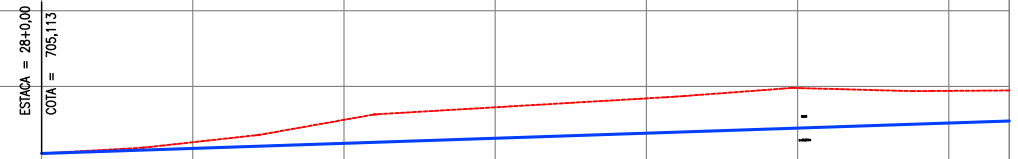
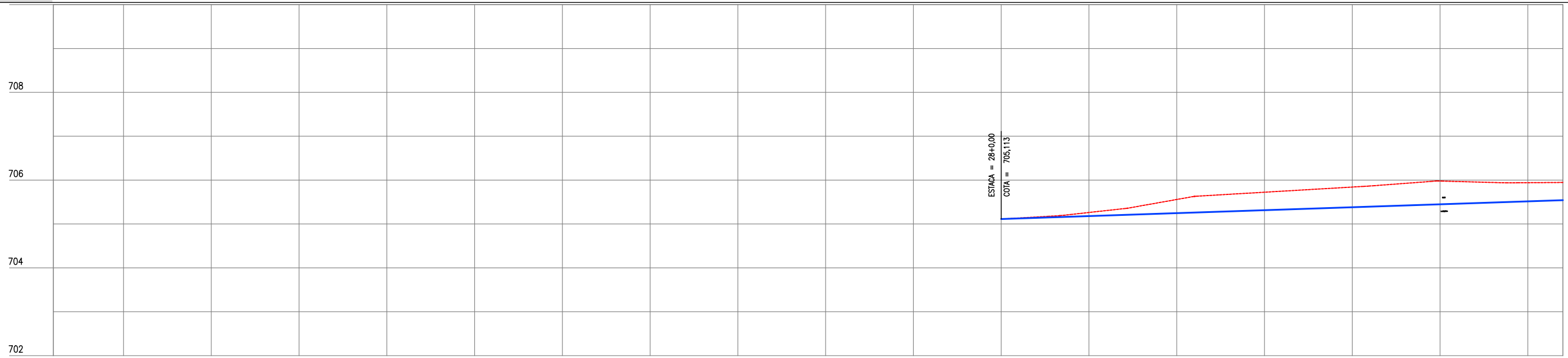
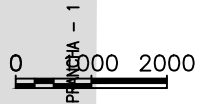


E: 296241.315  
N: 9523858.741



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
28	705,113	705,113	0,000
29	705,282	705,180	-0,082
30	705,558	705,247	-0,311
31	705,724	705,314	-0,410
32	705,842	705,381	-0,461
33	5,978		
34	5,941		
34	5,946		

*Arthur Moreira Torquato*  
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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

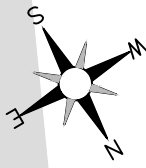


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

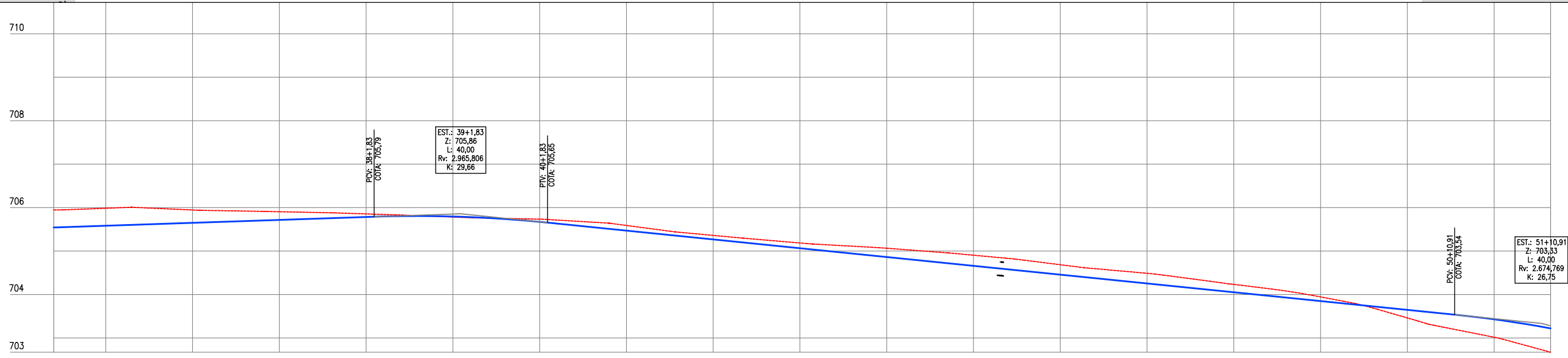
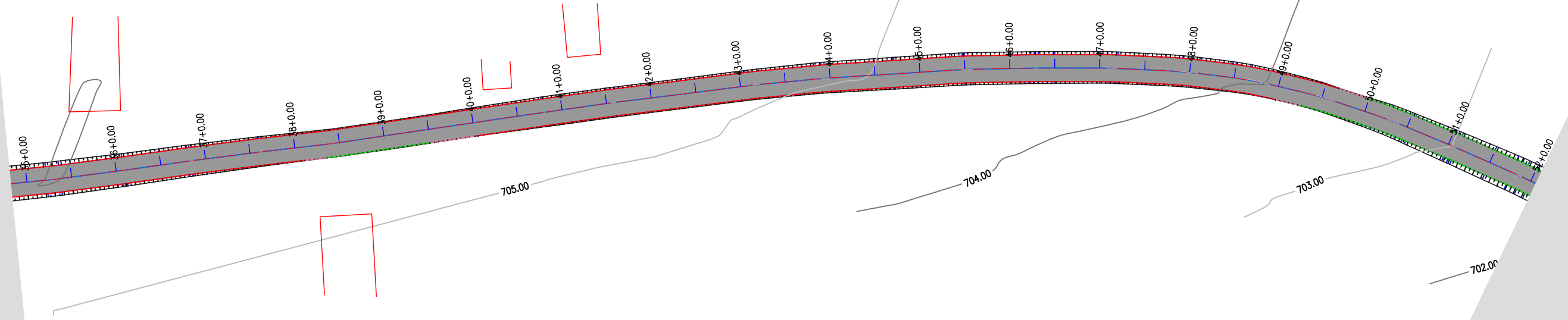
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - GEO_R2.DWG

PRANCHA:  
**1 / 08**


ESCALA:  
 H 1/1000  
 V 1/100

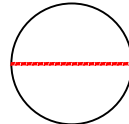
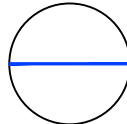
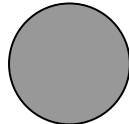
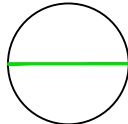
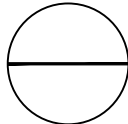
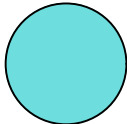

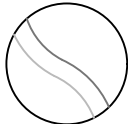


0 1000 2000



Estaca	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51
Cota do terreno	705,946	705,985	705,945	705,905	705,855	705,783	705,734	705,589	705,360	705,186	705,065	704,904	704,686	704,488	704,233	703,944	3,461	3,017	2,673
Cota da terraplenagem	705,542	705,582	705,650	705,717	705,784	705,795	705,672	705,470	705,268	705,065	704,862	704,680	704,457	704,255	704,052	703,849			
Cota vermelha	-0,404	-0,403	-0,296	-0,189	-0,071	0,013	-0,082	-0,119	-0,092	-0,121	-0,202	-0,244	-0,228	-0,233	-0,181	-0,095			

  
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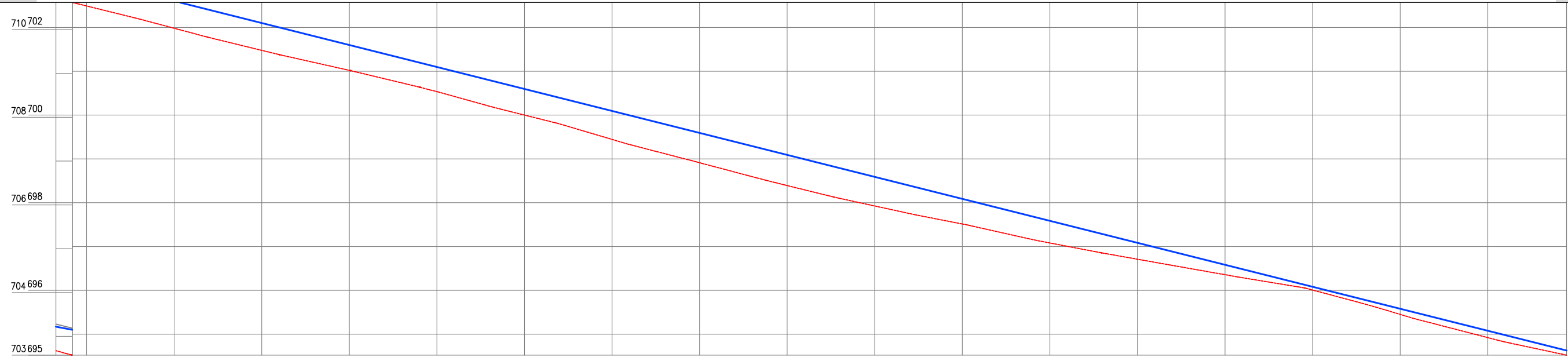
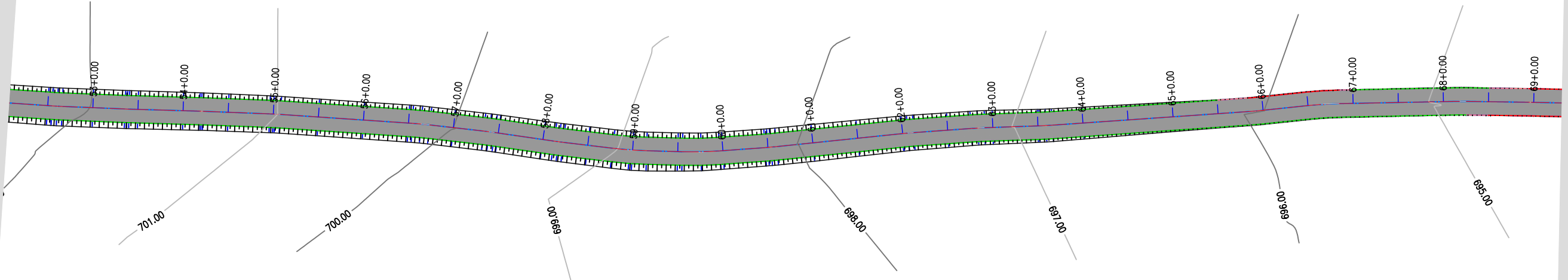
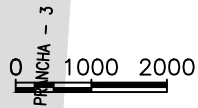
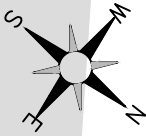
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**  
**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

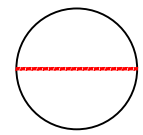
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - GEO_R2.DWG

PRANCHA:  
**2 / 08**  
 ESCALA:  
 H 1/1000  
 V 1/100

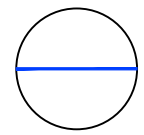


Cota da vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0.548	703,221	702,673	51
0.592	703,083	702,491	52
0.622	702,604	701,962	53
0.624	702,102	701,478	54
0.579	701,600	701,021	55
0.562	701,098	700,536	56
0.596	700,597	700,001	57
0.650	700,095	699,445	58
0.660	699,593	698,913	59
0.700	699,092	698,392	60
0.664	698,590	697,926	61
0.574	698,088	697,515	62
0.505	697,586	697,081	63
0.374	697,085	696,711	64
0.226	696,583	696,357	65
0.074	696,081	696,007	66
0.128	695,580	695,452	67
		1,922	68
		1,522	66

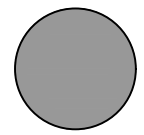
  
**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Engº Civil - CREA 53900D - CE



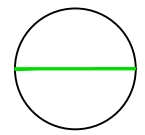
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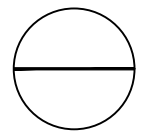
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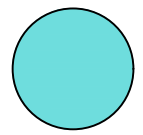
ESTRADA



BORDO



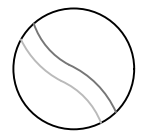
TALUDE



ATERRO



CORTE



CURVAS DE NÍVEL



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA  
 DO NORTE-CE - PT 1086270-03

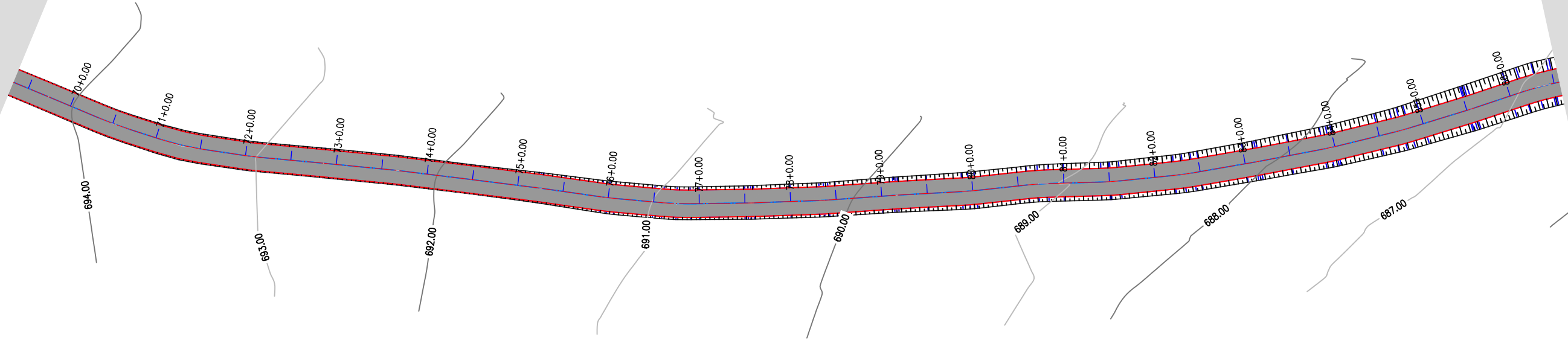
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

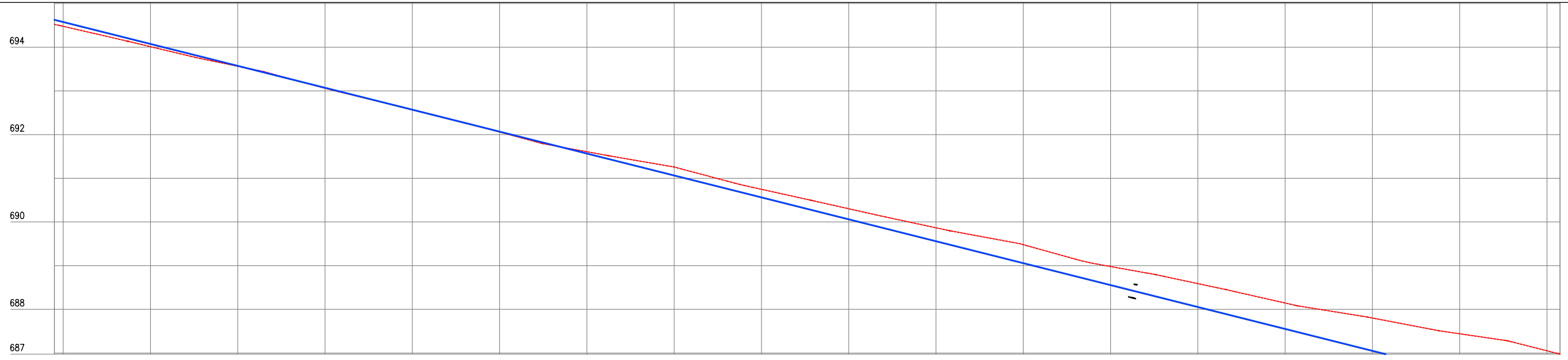
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - GEO\_R2.DWG

PRANCHA:  
**3 / 08**

ESCALA:  
H 1/1000  
V 1/100

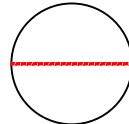
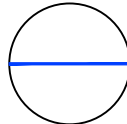
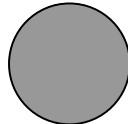
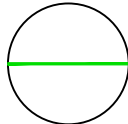
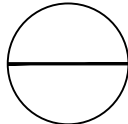
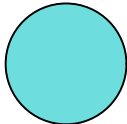

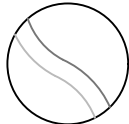


0 1000 2000



Estaca	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
Cota do terreno	694,522	694,477	694,011	693,564	693,061	692,573	692,058	691,607	691,257	690,747	690,302	689,866	689,480	689,057	688,555	688,054	687,552	687,001	7,441
Cota da terraplenagem	694,626	694,576	694,074	693,573	693,071	692,569	692,067	691,566	691,064	690,562	690,061	689,559	689,057	688,555	688,054	687,552	687,050	687,001	7,051
Cota vermelha	0,105	0,099	0,063	0,009	0,010	-0,003	0,009	-0,041	-0,183	-0,185	-0,242	-0,307	-0,423	-0,424	-0,535	-0,583	-0,751	5,975	5,975

  
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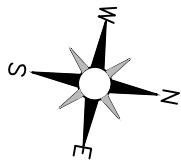
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



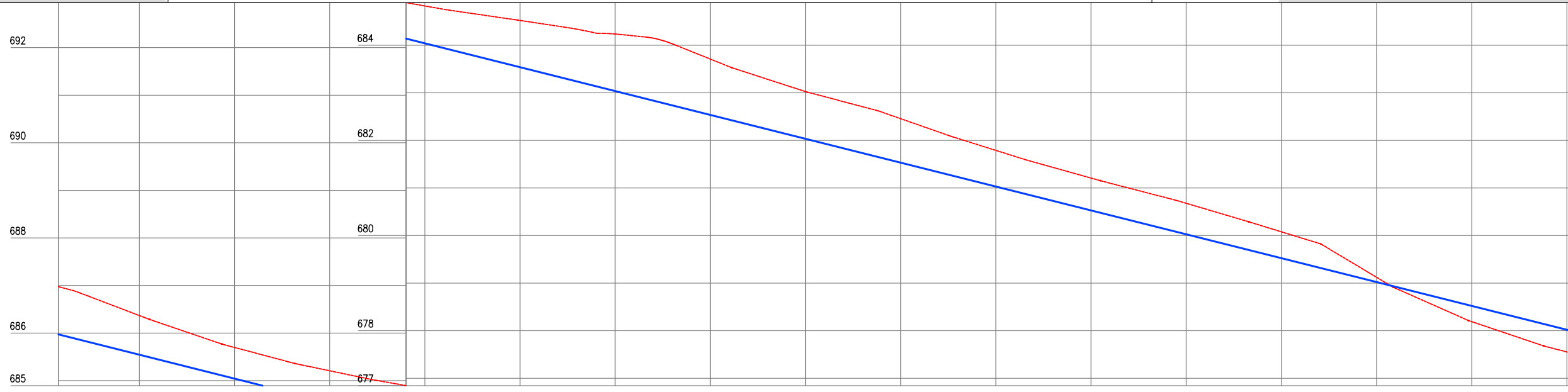
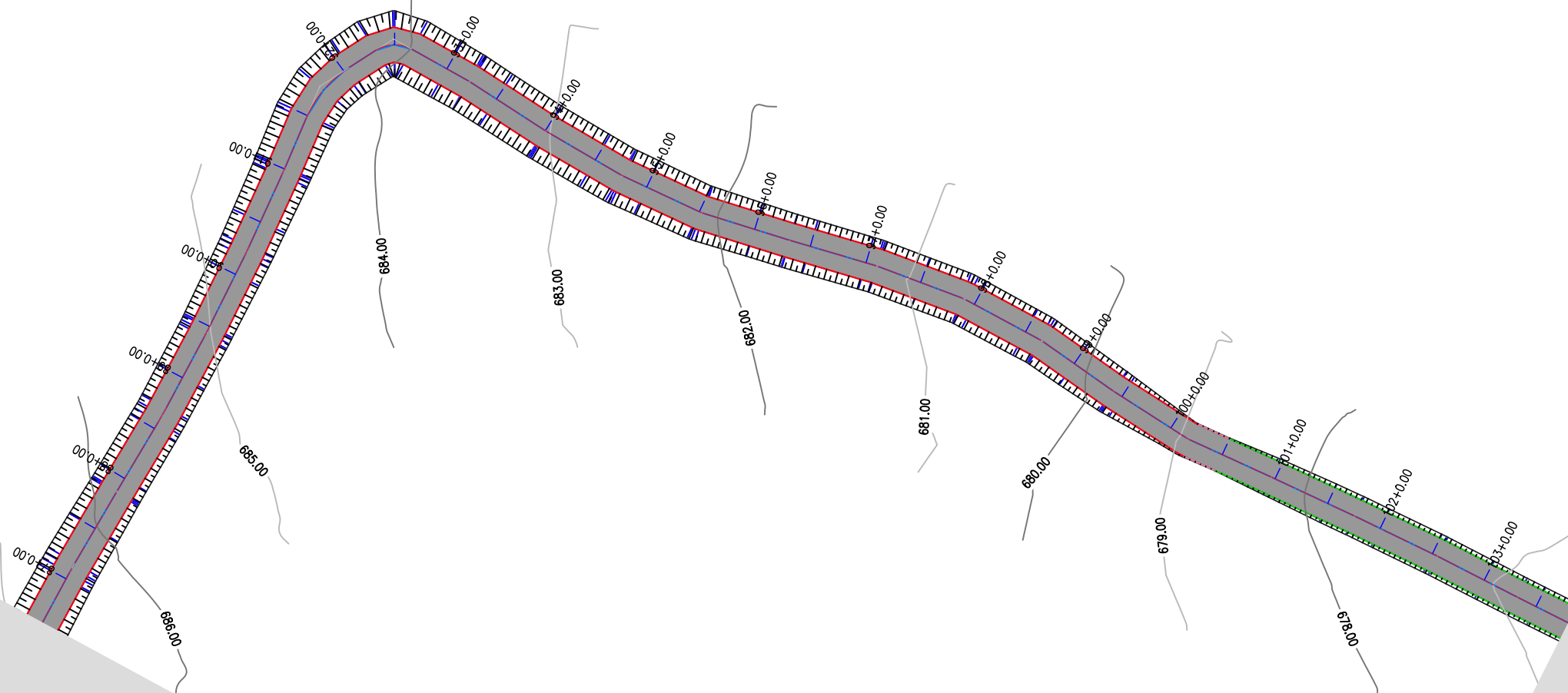
**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**  
**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - GEO_R2.DWG

PRANCHA:  
**4 / 08**  
 ESCALA:  
 H 1/1000  
 V 1/100

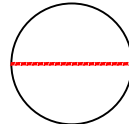
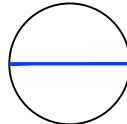
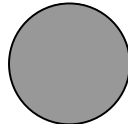
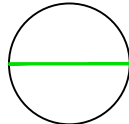
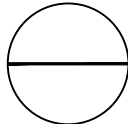
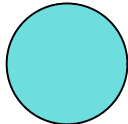

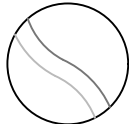


0 1000 2000



Estaca	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Cota do terreno	686,975	686,369	685,698	685,208	684,826	684,521	684,236	683,709	683,026	682,456	681,790	681,209	680,678	680,079	3,124	8,191	7,554									
Cota da terraplenagem	685,971	685,545	685,043	684,542	684,040	683,538	683,036	682,535	682,033	681,531	681,029	680,528	680,026	679,524												
Cota vermelha	-1,003	-0,824	-0,655	-0,666	-0,786	-0,983	-1,200	-1,175	-0,993	-0,925	-0,761	-0,681	-0,652	-0,555												

  
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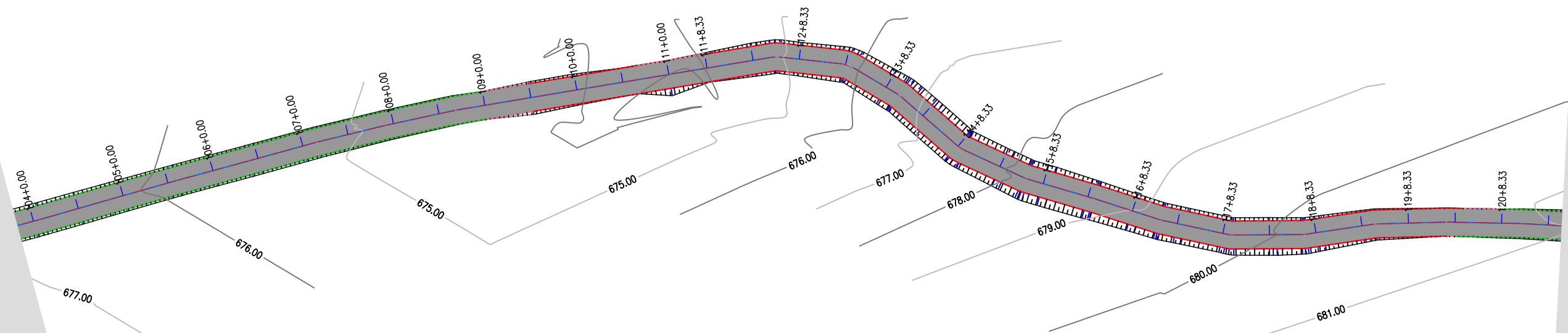
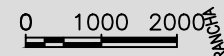
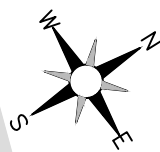
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



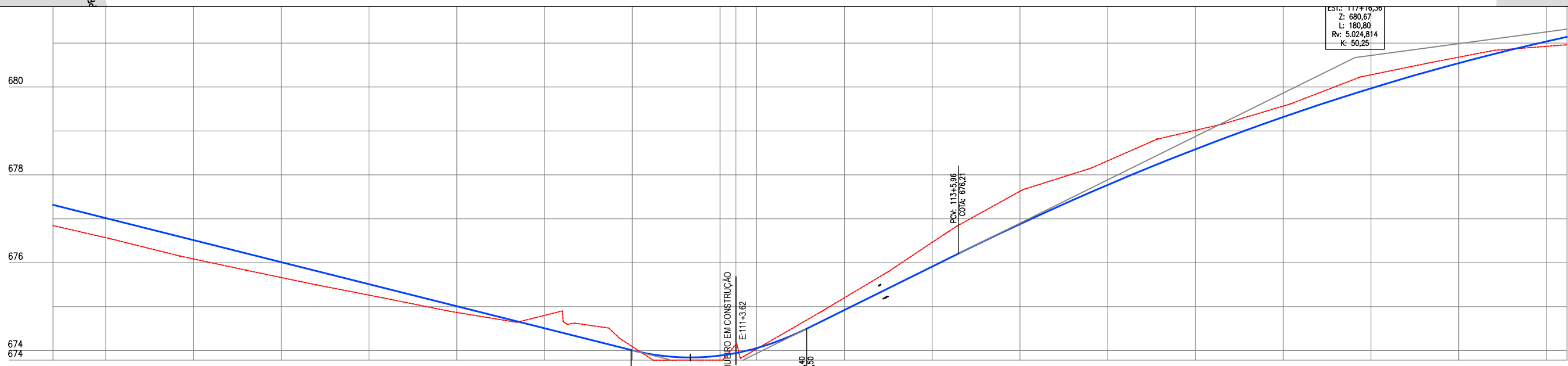
**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**  
**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - GEO_R2.DWG

PRANCHA:  
**5 / 08**  
 ESCALA:  
 H 1/1000  
 V 1/100



PRANCHA - 7



EST.: 117+10.30  
Z: 680,67  
L: 180,80  
Rv: 5,024,814  
K: -50,25

Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
103	676,846	677,317	0,471
104	676,570	677,016	0,446
105	676,086	676,514	0,428
106	675,663	676,012	0,349
107	675,263	675,511	0,248
108	674,868	675,009	0,141
109	674,801	674,507	-0,293
110	674,005	674,005	-0,085
111	673,263	673,263	0,102
112	673,263	673,263	-0,201
113	673,263	673,263	0,019
114	673,263	673,263	-0,278
115	673,263	673,263	-0,551
116	673,263	673,263	-0,747
117	673,263	673,263	-0,548
118	673,263	673,263	-0,430
119	673,263	673,263	-0,249
120	673,263	673,263	-0,308
120	673,263	673,263	-0,308

JOTA BARROS PROJETOS  
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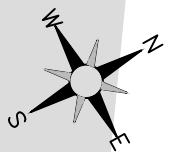
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



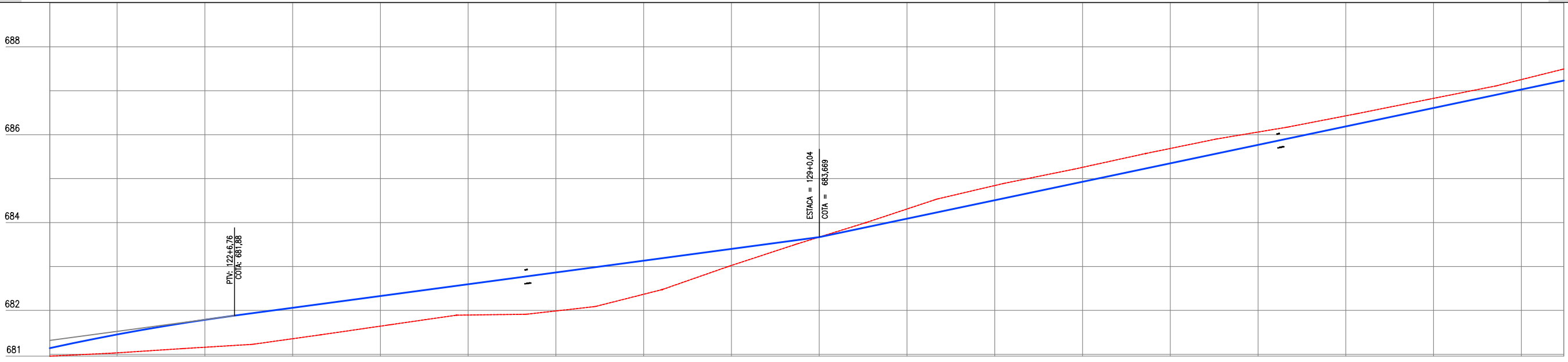
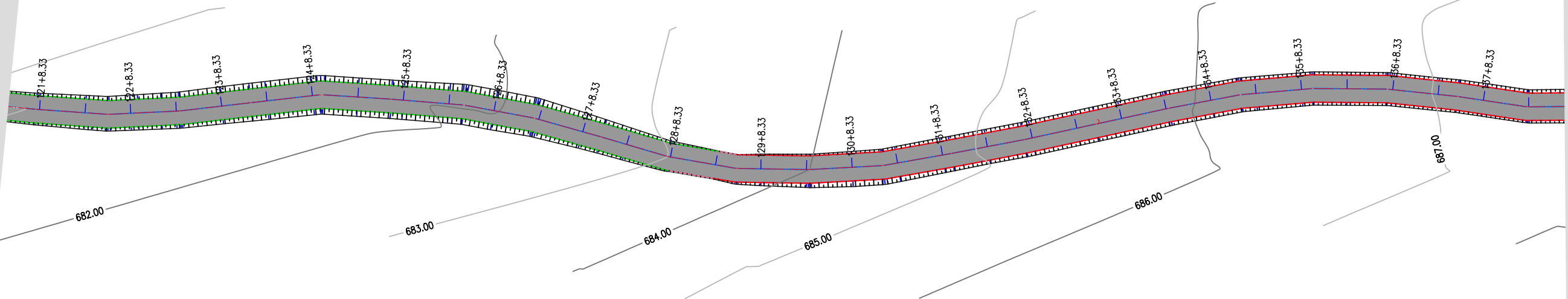
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - GEO\_R2.DWG

PRANCHA:  
**6 / 08**  
ESCALA:  
H 1/1000  
V 1/100



PRANCHA - 7  
0 1000 2000



Estaca	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138
Cota do terreno	680,980	681,034	681,162	681,356	681,642	681,895	681,988	682,368	683,024	683,669	684,309	684,843	685,257	685,686	686,080	686,429	686,827	687,254	687,495
Cota da terraplenagem	681,141	681,452	681,787	682,060	682,328	682,596	682,864	683,133	683,401	683,669	684,089	684,509	684,928	685,348	685,768	686,188	686,607	687,026	687,445
Cota vertice	0,161	0,418	0,625	0,704	0,686	0,701	0,876	0,765	0,377	-0,001	-0,220	-0,334	-0,329	-0,338	-0,292	-0,241			

*Arthur Moreira Torquato*  
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 Arthur Moreira Torquato  
 Engº Civil - CREA 53900D - CE

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

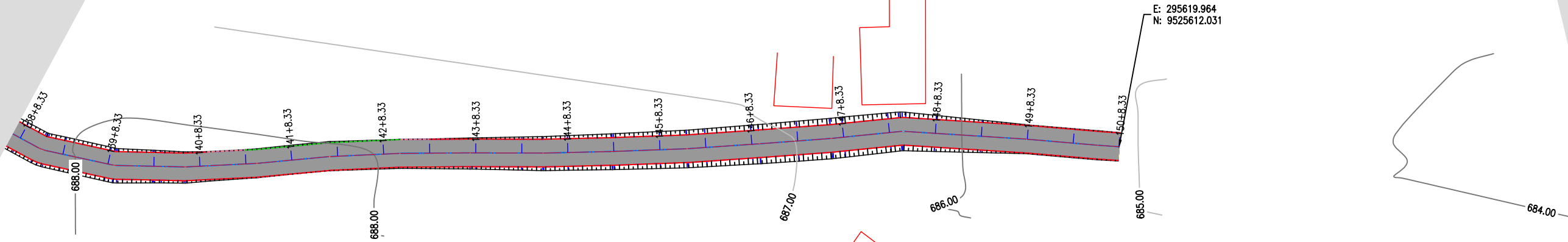
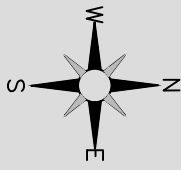


**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**  
**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - GEO_R2.DWG

PRANCHA:  
**7 / 08**

ESCALA:  
 H 1/1000  
 V 1/100



0 1000 2000



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,264	687,231	687,495	138
-0,254	687,448	687,703	138
-0,319	687,668	688,188	139
-0,107	688,236	688,343	140
0,067	688,260	688,193	141
-0,031	687,944	687,975	142
-0,196	687,583	687,779	143
-0,370	687,221	687,591	144
-0,488	686,859	687,347	145
-0,624	686,498	687,121	146
-0,687	686,136	686,823	147
-0,441	685,774	686,216	148
-0,055	685,412	685,468	149
-0,048	685,051	685,100	150

*Arthur Moreira Torquato*  
**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Engº Civil - CREA 53900D - CE

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

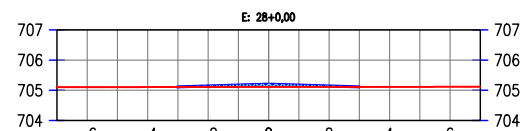


**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**  
**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

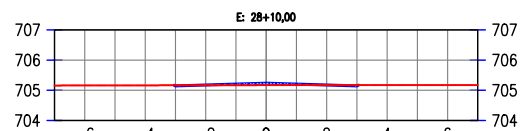
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
 ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - GEO\_R2.DWG

PRANCHA:  
**8 / 08**  
 ESCALA:  
 H 1/1000  
 V 1/100

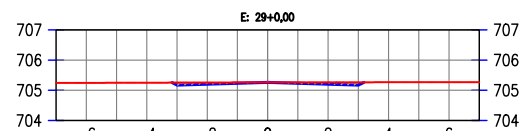




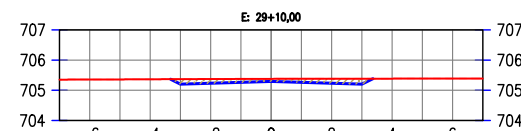
COTAS TN	705.10	705.10	705.11	705.11	705.11	705.11	705.11	705.11	705.11	705.11	705.12	705.12
COTAS PROJ.			705.11	705.14	705.17	705.20	705.11	705.17	705.11			
COTAS VERM.			0.01	0.03	0.06	0.09	0.06	0.03	0.00			



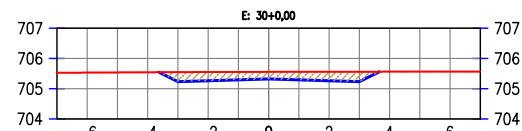
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COTAS PROJ.			705.14	705.17	705.20	705.17	705.17	705.17	705.17			
COTAS VERM.			-0.02	0.01	0.04	0.06	0.03	0.00	-0.03			



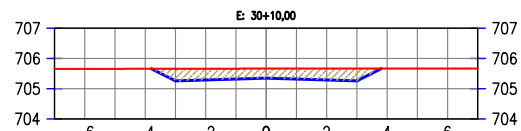
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COTAS PROJ.			705.17	705.20	705.26	705.26	705.26	705.26	705.26			
COTAS VERM.			-0.08	-0.05	-0.03	0.00	-0.03	-0.06	-0.09			



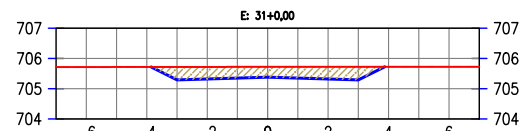
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COTAS PROJ.			705.20	705.23	705.26	705.29	705.38	705.38	705.38			
COTAS VERM.			-0.17	-0.14	-0.11	-0.09	-0.12	-0.15	-0.18			



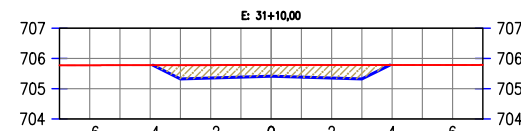
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COTAS PROJ.			705.23	705.26	705.29	705.32	705.56	705.56	705.56			
COTAS VERM.			-0.31	-0.29	-0.26	-0.24	-0.27	-0.30	-0.33			



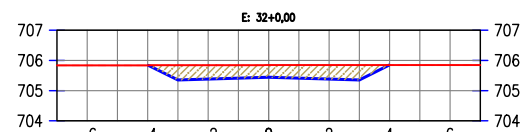
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COTAS PROJ.			705.26	705.29	705.32	705.66	705.67	705.67	705.67			
COTAS VERM.			-0.40	-0.37	-0.34	-0.31	-0.34	-0.37	-0.40			



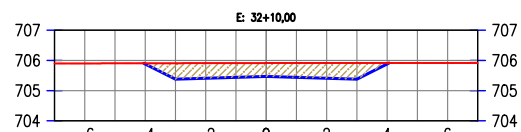
COTAS TN	705.72	705.72	705.72	705.72	705.72	705.72	705.72	705.72	705.72	705.73	705.73	705.73
COTAS PROJ.			705.29	705.32	705.35	705.72	705.72	705.72	705.72			
COTAS VERM.			-0.43	-0.40	-0.37	-0.34	-0.37	-0.40	-0.43			



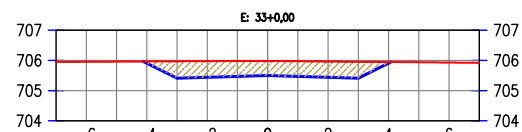
COTAS TN	705.77	705.78	705.78	705.78	705.78	705.78	705.78	705.78	705.78	705.78	705.78	705.79
COTAS PROJ.			705.32	705.35	705.38	705.78	705.78	705.78	705.78			
COTAS VERM.			-0.46	-0.43	-0.40	-0.37	-0.40	-0.43	-0.46			



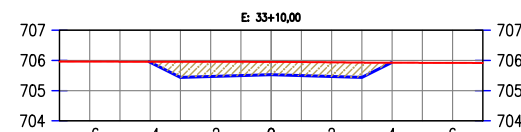
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COTAS PROJ.			705.35	705.38	705.41	705.44	705.84	705.84	705.84			
COTAS VERM.			-0.49	-0.46	-0.43	-0.40	-0.43	-0.46	-0.49			



COTAS TN	705.90	705.90	705.90	705.91	705.91	705.91	705.91	705.91	705.91	705.91	705.91	705.91
COTAS PROJ.			705.88	705.88	705.41	705.44	705.91	705.91	705.91			
COTAS VERM.			-0.02	-0.53	-0.50	-0.47	-0.44	-0.47	-0.50	-0.53	-0.03	

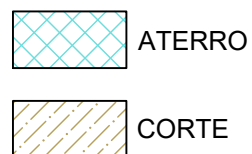


COTAS TN	705.95	705.96	705.96	705.97	705.97	705.98	705.98	705.98	705.98	705.99	705.99	705.99
COTAS PROJ.			705.91	705.41	705.44	705.47	705.98	705.98	705.98			
COTAS VERM.			-0.05	-0.56	-0.53	-0.51	-0.48	-0.50	-0.52	-0.54	-0.04	



COTAS TN	705.96	705.96	705.96	705.96	705.95	705.95	705.94	705.94	705.93	705.92	705.92	705.92
COTAS PROJ.			705.94	705.44	705.47	705.50	705.94	705.94	705.94			
COTAS VERM.			-0.02	-0.52	-0.49	-0.46	-0.42	-0.45	-0.47	-0.49		

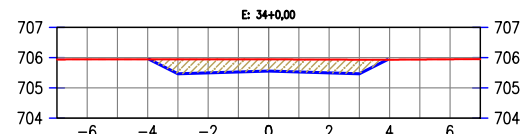
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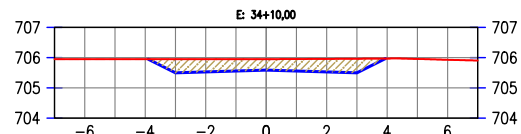
*Arthur Moreira Torquato*  
**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Engº Civil - CREA 53900D - CE



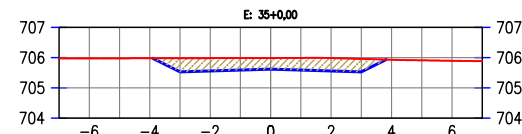
<b>PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE</b> <b>RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03</b> <b>SEÇÕES TRANSVERSAIS</b>		PRANCHA: <b>1 / 14</b> ESCALA: <b>1/250</b>
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES_R1.DWG	



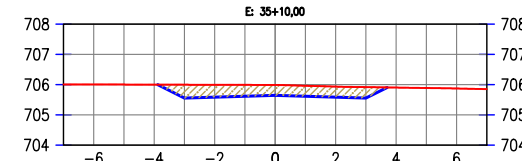
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COTAS PROJ.		705.47	705.50	705.53	705.56	705.59	705.94
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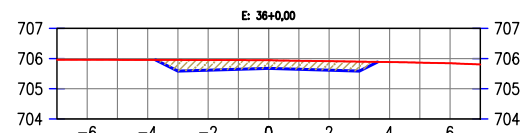
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COTAS PROJ.		705.50	705.53	705.56	705.59	705.56	705.96
COTAS VERM.		-0.45	-0.42	-0.39	-0.36	-0.40	-0.43



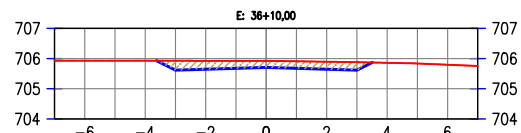
COTAS TN	705.97	705.98	705.98	705.98	705.98	705.99	705.99
COTAS PROJ.		705.53	705.56	705.59	705.62	705.59	705.98
COTAS VERM.		-0.45	-0.42	-0.40	-0.37	-0.40	-0.43



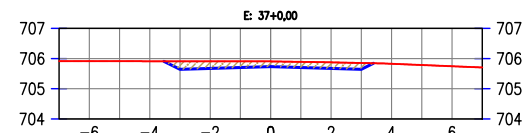
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COTAS PROJ.		705.56	705.59	705.62	705.65	705.62	705.96
COTAS VERM.		-0.44	-0.41	-0.38	-0.34	-0.35	-0.35



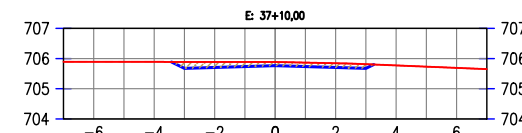
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COTAS PROJ.		705.59	705.62	705.65	705.68	705.65	705.93
COTAS VERM.		-0.37	-0.34	-0.30	-0.27	-0.28	-0.30



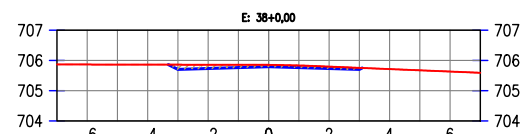
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COTAS PROJ.		705.61	705.64	705.67	705.70	705.67	705.91
COTAS VERM.		-0.31	-0.28	-0.25	-0.22	-0.23	-0.25



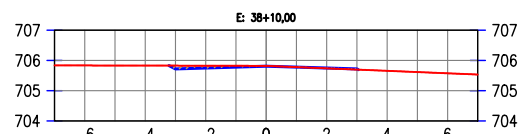
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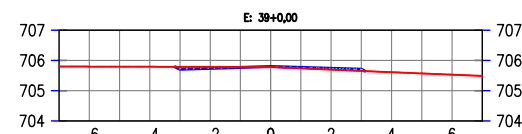
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COTAS PROJ.		705.67	705.70	705.73	705.76	705.73	705.87
COTAS VERM.		-0.21	-0.18	-0.15	-0.12	-0.13	-0.14



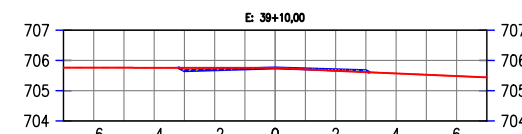
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COTAS PROJ.		705.70	705.73	705.76	705.79	705.76	705.83
COTAS VERM.		-0.16	-0.13	-0.09	-0.06	-0.07	-0.06



COTAS TN	705.83	705.83	705.83	705.83	705.82	705.82	705.78
COTAS PROJ.		705.72	705.75	705.78	705.81	705.78	705.78
COTAS VERM.		-0.11	-0.08	-0.04	-0.01	0.00	0.01

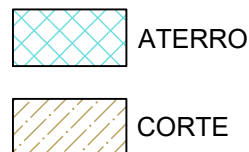


COTAS TN	705.80	705.79	705.79	705.79	705.79	705.78	705.74
COTAS PROJ.		705.71	705.74	705.77	705.80	705.77	705.74
COTAS VERM.		-0.08	-0.05	-0.02	0.01	0.03	0.04



COTAS TN	705.76	705.76	705.76	705.76	705.76	705.75	705.70
COTAS PROJ.		705.66	705.69	705.72	705.75	705.72	705.70
COTAS VERM.		-0.10	-0.07	-0.03	0.00	0.02	0.03

LEGENDA:

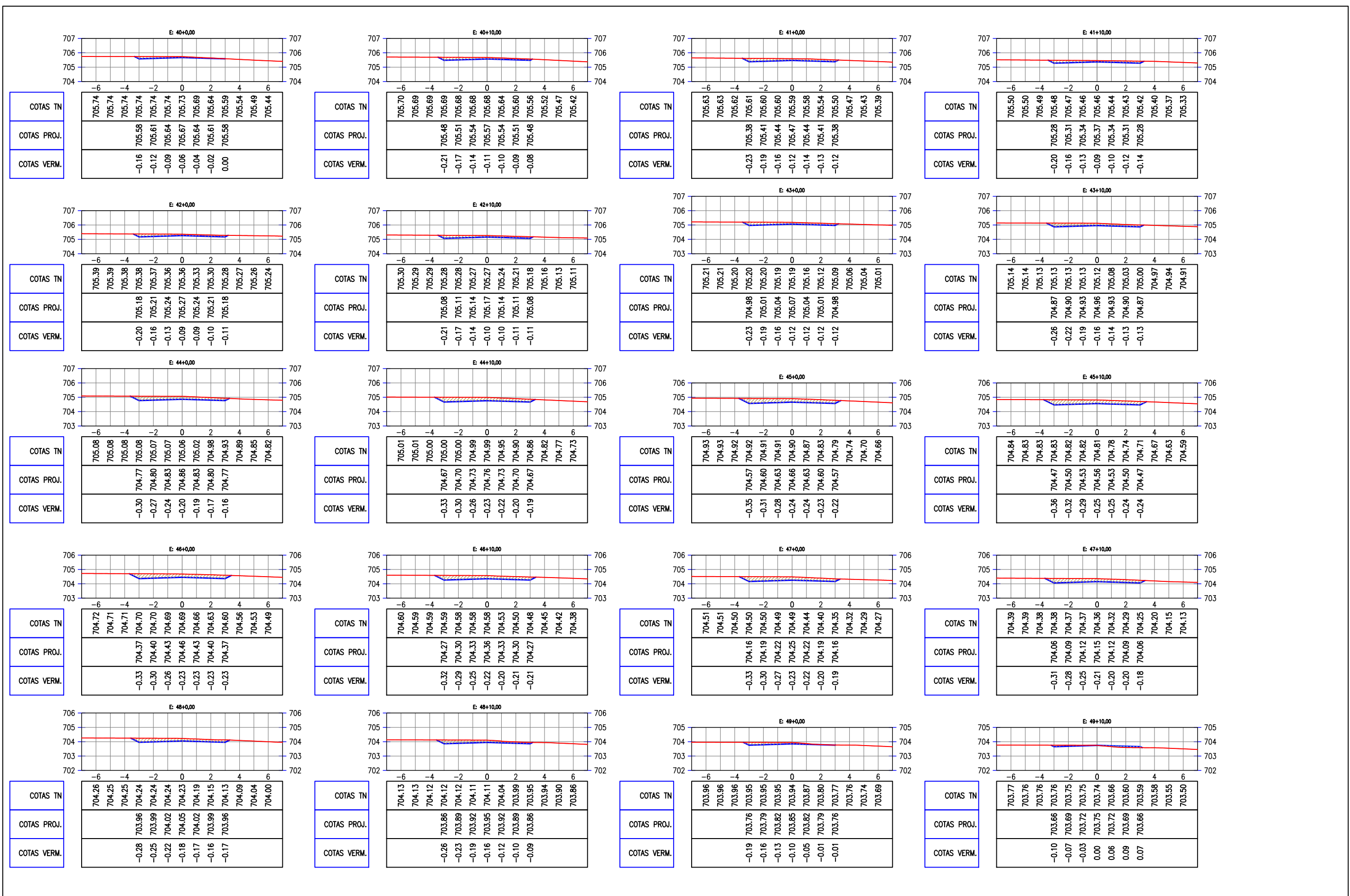


*Arthur Moreira Torquato*  
**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Engº Civil - CREA 53900D - CE



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
<b>SEÇÕES TRANSVERSAIS</b>	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES_R1.DWG

PRANCHA:	2 / 14
ESCALA:	1/250



**LEGENDA:**

- ATERRO
- CORTE

**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Eng.º Civil - CREA 53900D - CE

**JOTA BARROS**  
 PROJETOS

**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**

**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**

**SEÇÕES TRANSVERSAIS**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

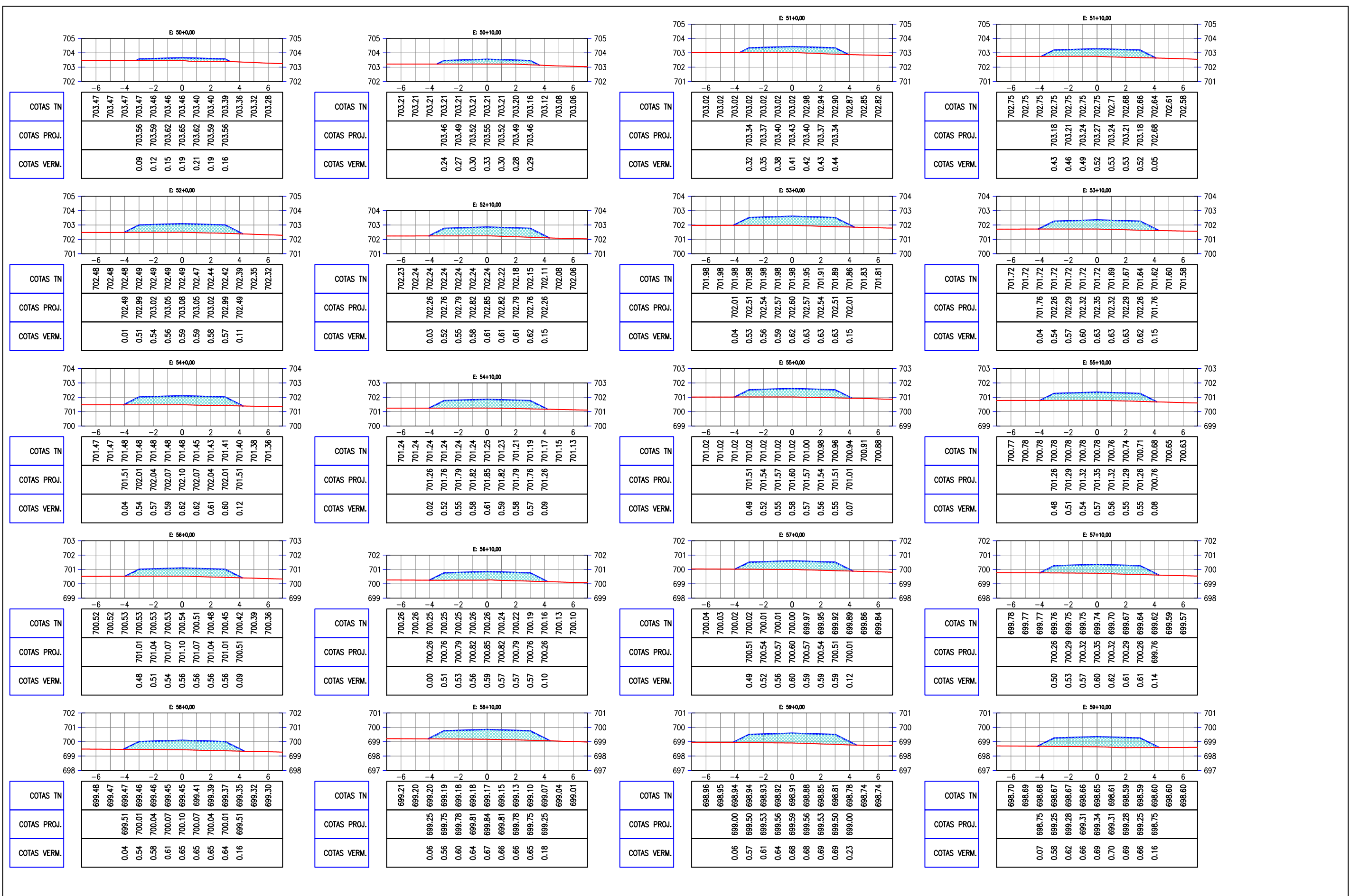
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES\_R1.DWG

PRANCHA:

**3 / 14**

ESCALA:

1/250



**LEGENDA:**

- ATERRO
- CORTE

**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Engº Civil - CREA 53900D - CE

**JOTA BARROS PROJETOS**

**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**

**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**

**SEÇÕES TRANSVERSAIS**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

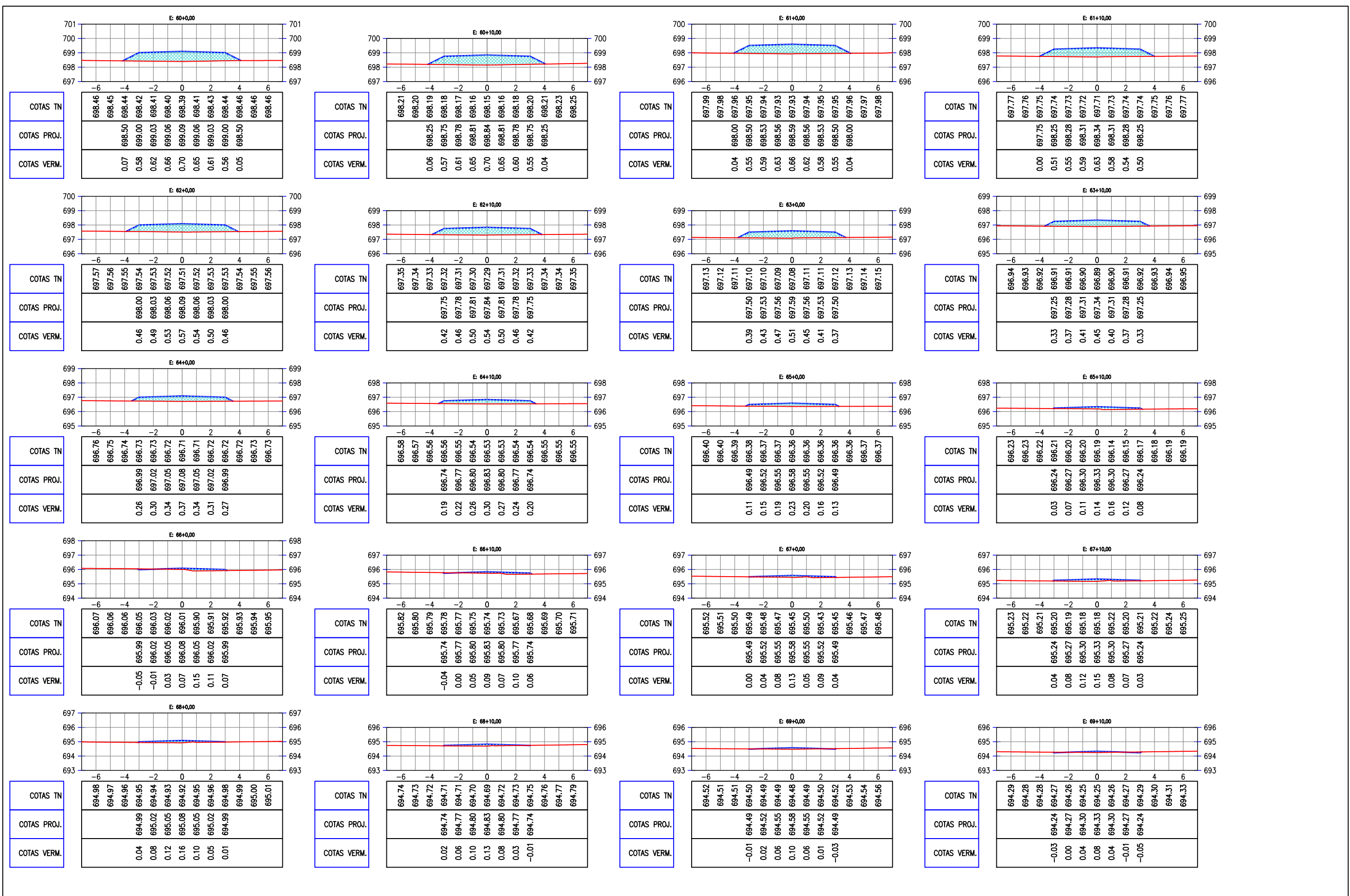
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PRANCHA:

**4 / 14**

ESCALA:

**1/250**



**LEGENDA:**

- ATERRO
- CORTE

  
**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Eng.º Civil - CREA 53900D - CE

  
**JOTA BARROS PROJETOS**

**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**

**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**

**SEÇÕES TRANSVERSAIS**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

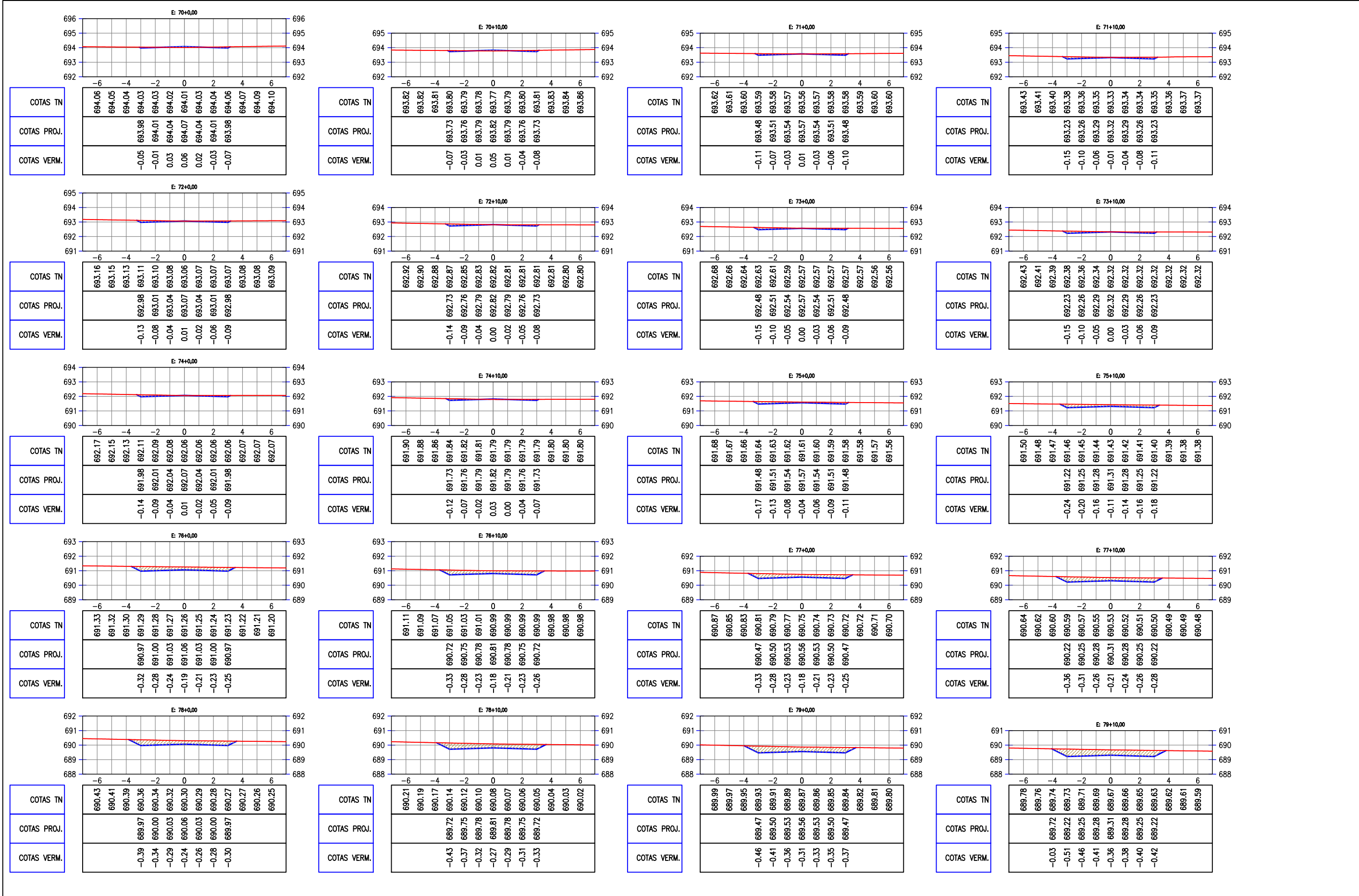
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PRANCHA:


**5 / 14**

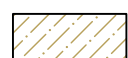
ESCALA:


**1/250**



LEGENDA:

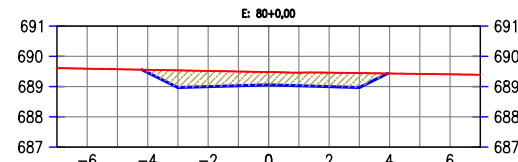
 ATERRO

 CORTE

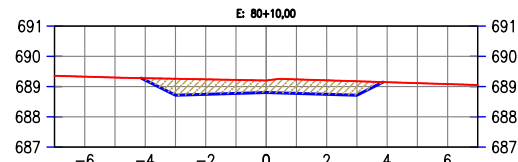
  
 JOTA BARROS PROJETOS  
 Arthur Moreira Torquato  
 Eng.º Civil - CREA 53900D - CE



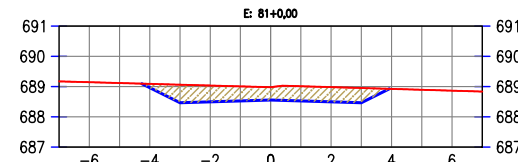
<b>PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE</b> <b>RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03</b> <b>SEÇÕES TRANSVERSAIS</b>		PRANCHA: <b>6 / 14</b>
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES_R1.DWG	



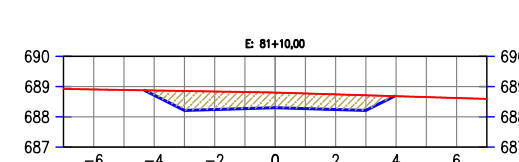
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COTAS PROJ.	 689.47 688.97 689.52 689.03 689.06 689.46 689.00 688.97 689.43 689.42 689.41
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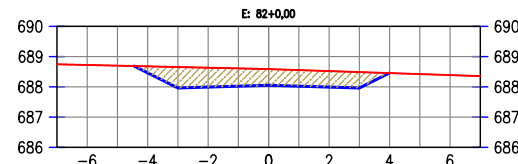
COTAS TN	689.33 689.30 689.28 689.26 689.24 689.22 689.20 689.18 689.15 689.11 689.08
COTAS PROJ.	 689.22 688.72 689.24 688.78 689.22 688.81 689.24 688.75 689.18 689.11 689.08
COTAS VERM.	 -0.06 -0.54 -0.49 -0.44 -0.40 -0.46 -0.46 -0.46 -0.46 -0.46 -0.46 -0.46



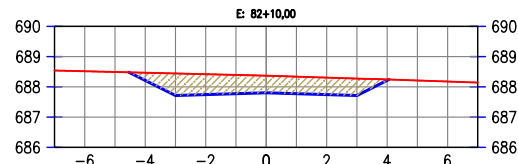
COTAS TN	689.15 689.12 689.09 689.06 689.03 689.01 688.98 688.95 688.92 688.89 688.87
COTAS PROJ.	 688.97 688.47 688.50 688.53 689.01 688.56 688.53 688.98 688.47 688.92 688.87
COTAS VERM.	 -0.12 -0.60 -0.54 -0.48 -0.42 -0.49 -0.49 -0.49 -0.49 -0.49 -0.49 -0.49



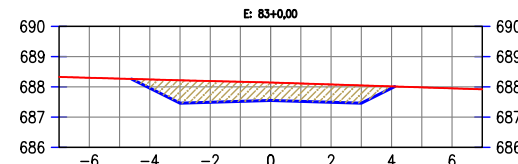
COTAS TN	688.91 688.89 688.87 688.85 688.84 688.82 688.80 688.77 688.74 688.71 688.68 688.65 688.62
COTAS PROJ.	 688.71 688.21 688.24 688.27 688.80 688.24 688.27 688.74 688.21 688.71 688.68 688.65 688.62
COTAS VERM.	 -0.16 -0.64 -0.59 -0.55 -0.50 -0.50 -0.50 -0.50 -0.50 -0.50 -0.50 -0.50 -0.50



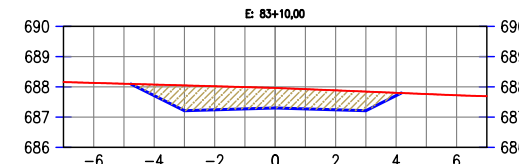
COTAS TN	688.72 688.70 688.68 688.66 688.63 688.61 688.59 688.56 688.52 688.46 688.42 688.39
COTAS PROJ.	 688.46 687.96 688.63 688.02 688.59 688.56 688.52 688.49 688.46 688.42 688.39
COTAS VERM.	 -0.22 -0.69 -0.64 -0.59 -0.53 -0.53 -0.53 -0.53 -0.53 -0.53 -0.53 -0.53



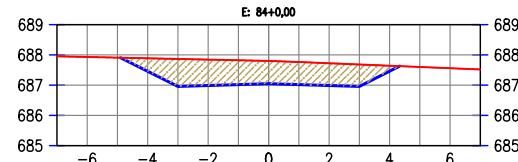
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COTAS PROJ.	 688.21 687.71 688.44 687.77 688.40 688.37 688.34 688.31 688.27 688.25 688.21 688.18
COTAS VERM.	 -0.26 -0.73 -0.68 -0.62 -0.57 -0.57 -0.57 -0.56 -0.56 -0.56 -0.56 -0.56



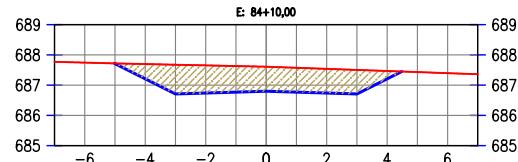
COTAS TN	688.30 688.27 688.25 688.22 688.19 688.17 688.14 688.11 688.08 688.05 687.98 687.95
COTAS PROJ.	 687.96 687.46 688.22 687.49 688.17 688.14 688.11 688.08 688.05 688.02 687.98 687.95
COTAS VERM.	 -0.28 -0.76 -0.70 -0.65 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59



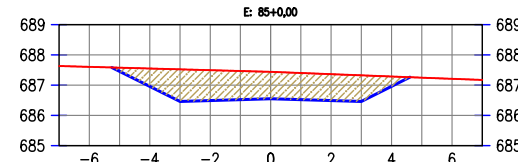
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COTAS PROJ.	 687.71 687.21 688.05 687.24 688.02 687.99 687.97 687.93 687.88 687.84 687.80 687.76 687.72
COTAS VERM.	 -0.36 -0.84 -0.78 -0.72 -0.66 -0.66 -0.65 -0.64 -0.63 -0.63 -0.63 -0.63 -0.63



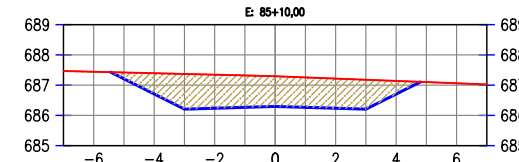
COTAS TN	687.93 687.91 687.89 687.87 687.84 687.82 687.80 687.77 687.72 687.64 687.60 687.56
COTAS PROJ.	 687.46 686.96 687.84 687.02 687.80 687.77 687.72 687.68 687.64 687.60 687.56
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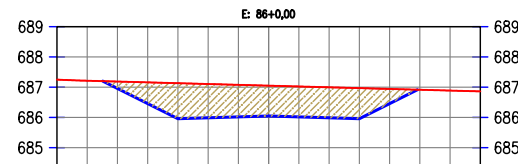
COTAS TN	687.75 687.72 687.70 687.68 687.65 687.63 687.61 687.57 687.54 687.50 687.47 687.43
COTAS PROJ.	 687.21 686.71 687.65 686.77 687.61 687.54 687.50 687.47 687.43 687.40
COTAS VERM.	 -0.01 -0.49 -0.97 -0.91 -0.86 -0.81 -0.81 -0.80 -0.79 -0.79 -0.79 -0.79



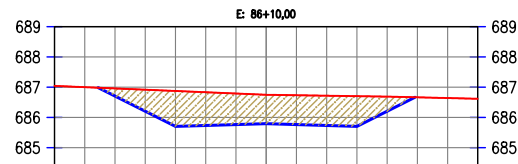
COTAS TN	687.61 687.58 687.55 687.52 687.50 687.47 687.44 687.40 687.36 687.32 687.25 687.21
COTAS PROJ.	 687.46 686.96 687.52 687.50 687.44 687.36 687.32 687.29 687.25 687.21
COTAS VERM.	 -0.12 -0.59 -1.06 -1.01 -0.95 -0.89 -0.88 -0.87 -0.87 -0.87 -0.87 -0.87



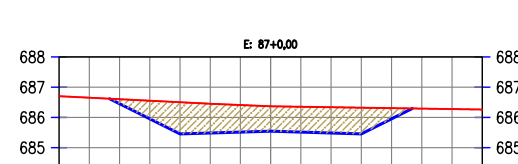
COTAS TN	687.44 687.42 687.39 687.37 687.35 687.32 687.29 687.26 687.22 687.14 687.10 687.06
COTAS PROJ.	 687.21 686.71 687.37 686.24 687.32 687.29 687.26 687.22 687.14 687.10 687.06
COTAS VERM.	 -0.21 -0.69 -1.16 -1.11 -1.05 -1.00 -0.99 -0.98 -0.97 -0.97 -0.97 -0.97



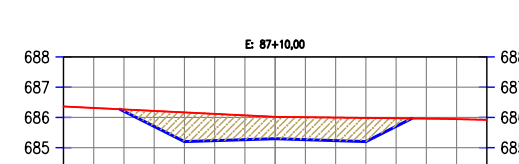
COTAS TN	687.21 686.96 687.16 686.96 687.11 687.08 687.05 687.02 687.00 686.94 686.92 686.89
COTAS PROJ.	 686.46 685.96 687.11 686.02 687.05 687.02 687.00 686.97 686.94 686.92 686.89
COTAS VERM.	 -0.23 -0.70 -1.18 -1.12 -1.06 -1.00 -1.01 -1.01 -1.01 -1.01 -1.01 -1.01



COTAS TN	687.00 686.96 686.92 686.88 686.83 686.79 686.75 686.73 686.72 686.70 686.69 686.67 686.64
COTAS PROJ.	 686.71 686.21 686.88 685.74 686.79 686.75 686.73 686.72 686.70 686.69 686.67 686.64
COTAS VERM.	 -0.25 -0.71 -1.17 -1.10 -1.03 -0.95 -0.97 -0.98 -1.00 -1.00 -1.00 -1.00

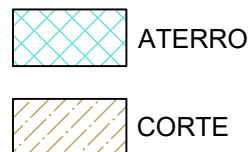


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COTAS PROJ.	 686.46 685.96 686.50 686.45 686.41 686.37 686.35 686.34 686.32 686.31 686.29 686.28
COTAS VERM.	 -0.15 -0.60 -1.05 -0.97 -0.90 -0.82 -0.84 -0.85 -0.85 -0.87 -0.87 -0.87 -0.87



COTAS TN	686.31 686.26 686.22 686.17 686.12 686.07 686.02 686.01 686.00 685.98 685.97 685.96 685.94
COTAS PROJ.	 686.20 685.70 686.22 686.17 686.12 686.07 686.02 686.01 686.00 685.98 685.97 685.96 685.94
COTAS VERM.	 -0.06 -0.51 -0.96 -0.88 -0.80 -0.73 -0.74 -0.76 -0.76 -0.78 -0.78 -0.78 -0.78

LEGENDA:

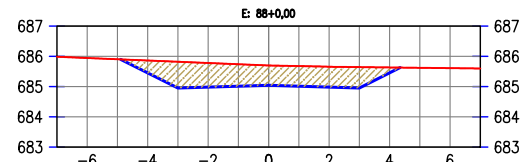


*JOTA BARROS PROJETOS*  
Arthur Moreira Torquato  
Eng.º Civil - CREA 53900D - CE

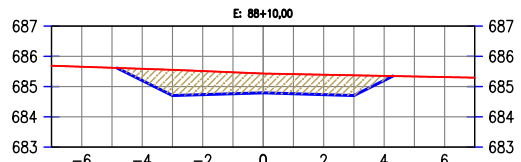


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES_R1.DWG

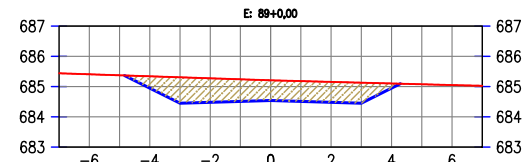
PRANCHA:	7 / 14
ESCALA:	1/250



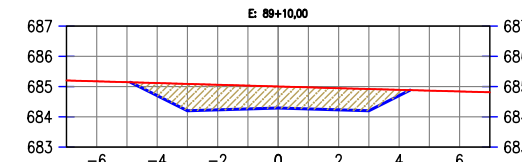
COTAS TN	685.95	685.90	685.86	685.82	685.78	685.74	685.70	685.68	685.66	685.64	685.63	685.62	685.61
COTAS PROJ.		685.45	685.82	684.98	685.01	685.04	685.01	685.68	684.98	685.64	685.63	685.62	685.61
COTAS VERM.		-0.41	-0.87	-0.80	-0.73	-0.65	-0.67	-0.67	-0.67	-0.69	-0.18		



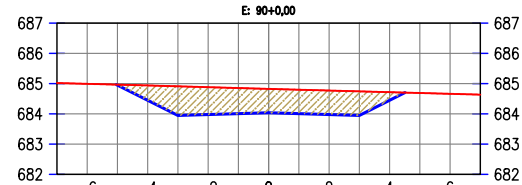
COTAS TN	685.66	685.62	685.59	685.55	685.51	685.47	685.43	685.41	685.39	685.37	685.35	685.33	685.31
COTAS PROJ.		685.20	684.70	685.55	684.73	685.51	684.76	685.43	684.76	685.39	685.35	685.33	685.31
COTAS VERM.		-0.39	-0.85	-0.78	-0.71	-0.64	-0.64	-0.65	-0.66	-0.67	-0.15		



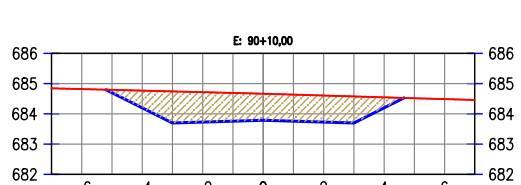
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COTAS PROJ.		684.95	684.45	685.31	684.48	685.27	684.54	685.18	684.48	685.13	685.08	685.05	685.05
COTAS VERM.		-0.39	-0.86	-0.79	-0.73	-0.67	-0.67	-0.67	-0.67	-0.68	-0.15		



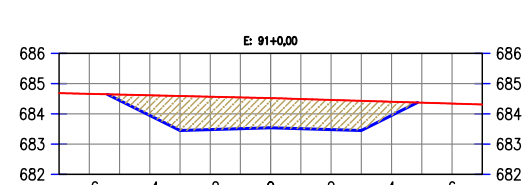
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COTAS PROJ.		684.70	685.09	684.20	685.06	685.03	684.29	684.98	684.26	684.92	684.70	684.87	684.84
COTAS VERM.		-0.42	-0.89	-0.83	-0.77	-0.71	-0.72	-0.72	-0.72	-0.72	-0.19		



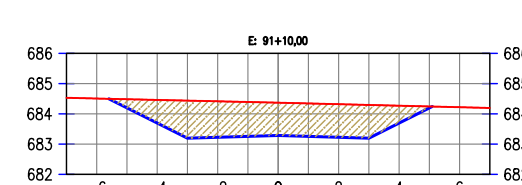
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COTAS PROJ.		684.95	684.45	684.94	683.98	684.85	684.83	684.80	683.98	684.74	684.72	684.69	684.66
COTAS VERM.		-0.02	-0.49	-0.96	-0.90	-0.84	-0.79	-0.79	-0.79	-0.79	-0.27		



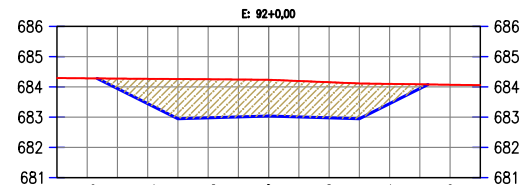
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COTAS PROJ.		684.70	684.20	684.74	683.73	684.72	684.69	684.67	683.73	684.61	684.58	684.55	684.49
COTAS VERM.		-0.10	-0.57	-1.04	-0.99	-0.93	-0.88	-0.88	-0.88	-0.88	-0.35		



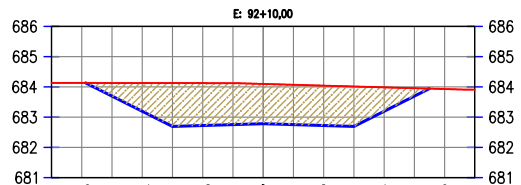
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COTAS PROJ.		684.45	683.95	684.61	683.48	684.57	684.54	684.49	683.48	684.46	684.43	684.37	684.34
COTAS VERM.		-0.19	-0.67	-1.14	-1.09	-1.04	-0.98	-0.98	-0.98	-0.98	-0.45		



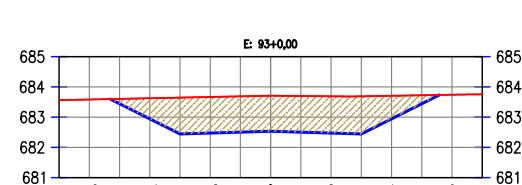
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COTAS PROJ.		684.20	683.70	684.44	683.23	684.42	684.39	684.37	683.23	684.30	684.27	684.25	684.22
COTAS VERM.		-0.29	-0.76	-1.24	-1.19	-1.14	-1.08	-1.08	-1.09	-1.09	-0.57		



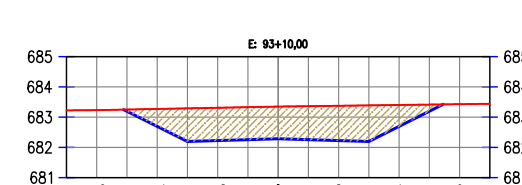
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COTAS PROJ.		683.95	683.45	684.26	682.98	684.25	684.24	684.20	682.98	684.11	684.10	684.09	684.07
COTAS VERM.		-0.33	-0.82	-1.31	-1.28	-1.24	-1.20	-1.19	-1.18	-1.17	-0.65		



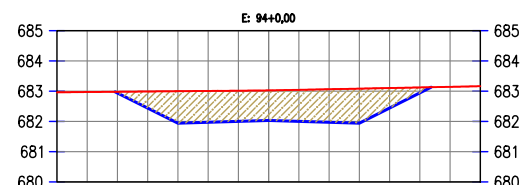
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COTAS PROJ.		683.70	683.20	684.13	682.73	684.13	684.12	684.10	682.73	684.04	684.01	683.99	683.93
COTAS VERM.		-0.43	-0.93	-1.43	-1.40	-1.37	-1.31	-1.31	-1.32	-1.32	-0.79		



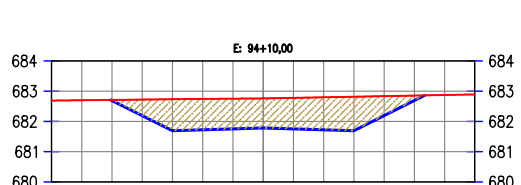
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COTAS PROJ.		683.44	682.94	683.63	682.44	683.67	683.69	683.70	682.44	683.69	683.71	683.72	683.74
COTAS VERM.		-0.16	-0.68	-1.20	-1.19	-1.18	-1.17	-1.19	-1.22	-1.24	-0.76		



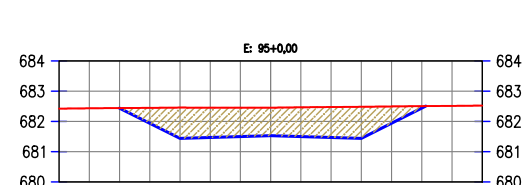
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COTAS PROJ.		683.19	682.69	683.29	682.22	683.33	683.35	683.36	682.22	683.38	683.39	683.42	683.43
COTAS VERM.		-0.06	-0.56	-1.10	-1.09	-1.08	-1.07	-1.11	-1.15	-1.20	-0.71		



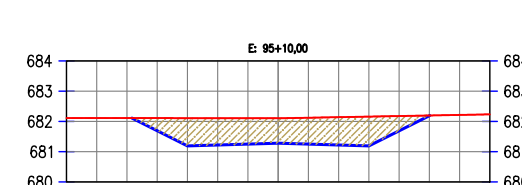
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COTAS PROJ.		682.94	682.44	683.00	681.94	683.02	683.03	683.05	681.97	683.06	683.08	683.12	683.14
COTAS VERM.		-0.04	-0.55	-1.06	-1.03	-1.01	-0.99	-1.04	-1.09	-1.14	-0.66		



COTAS TN	682.70	682.71	682.72	682.73	682.75	682.76	682.78	682.80	682.82	682.84	682.86	682.87	682.87
COTAS PROJ.		682.69	682.19	682.73	681.69	682.75	682.76	682.80	681.72	682.84	682.86	682.87	682.87
COTAS VERM.		-0.02	-0.53	-1.04	-1.02	-1.00	-0.98	-1.03	-1.08	-1.13	-0.64		

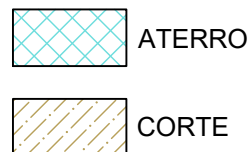


COTAS TN	682.43	682.44	682.45	682.46	682.46	682.46	682.46	682.47	682.48	682.49	682.50	682.51	682.52
COTAS PROJ.		682.44	681.94	682.46	681.44	682.46	682.46	682.47	681.47	682.49	682.50	682.51	682.52
COTAS VERM.		0.00	-0.51	-1.02	-0.99	-0.96	-0.92	-0.96	-1.00	-1.04	-0.55		



COTAS TN	682.11	682.11	682.11	682.11	682.11	682.11	682.12	682.14	682.16	682.18	682.20	682.22	682.22
COTAS PROJ.		681.69	681.19	682.11	681.22	682.11	682.12	682.14	681.19	682.18	682.20	682.22	682.22
COTAS VERM.		-0.42	-0.92	-0.89	-0.86	-0.83	-0.87	-0.92	-0.97	-0.49	-0.01		

LEGENDA:



JOTA BARROS PROJETOS  
Arthur Moreira Torquato  
Engº Civil - CREA 53900D - CE

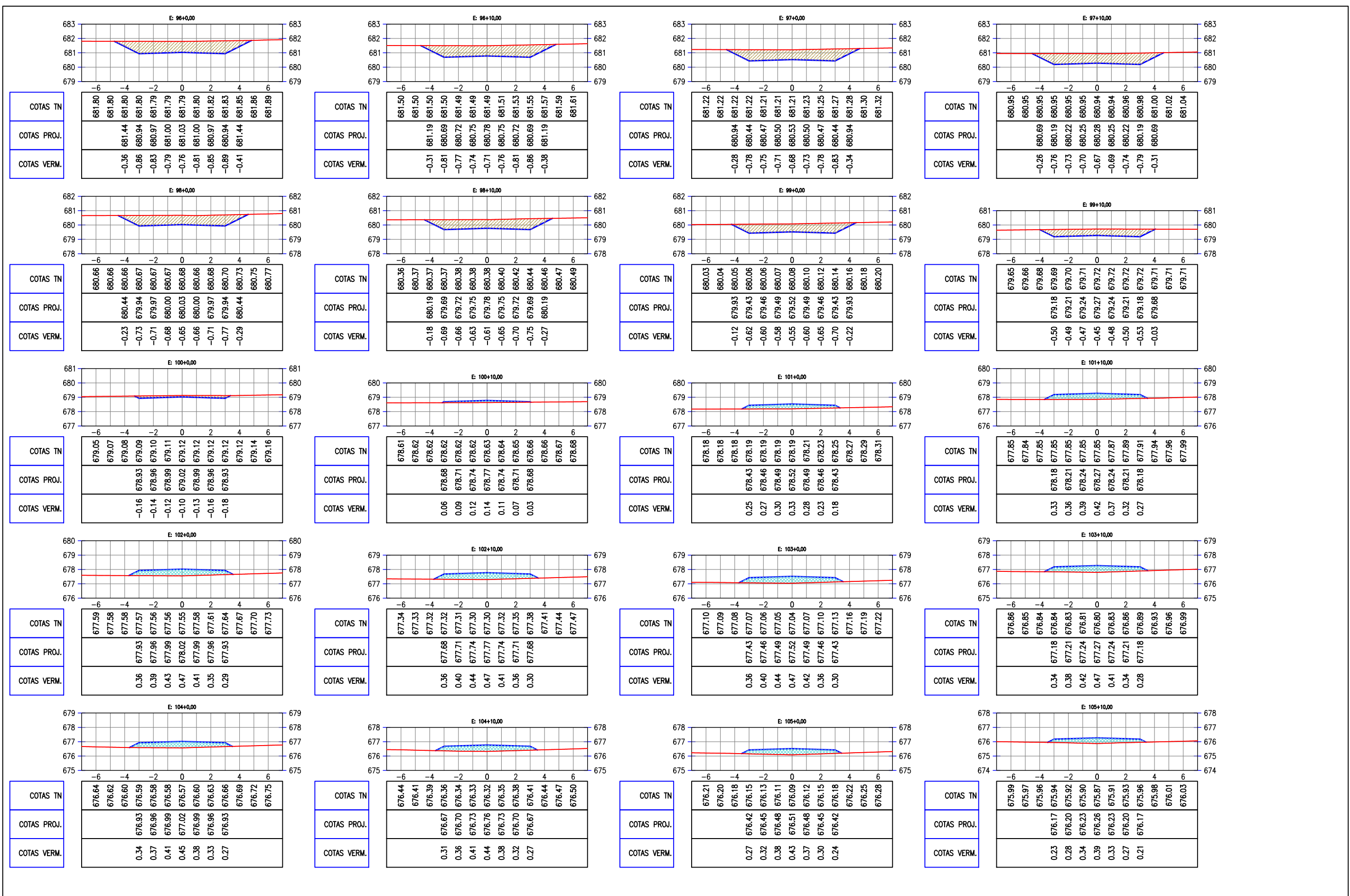


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03

SEÇÕES TRANSVERSAIS  
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES\_R1.DWG

PRANCHA:  
8 / 14  
ESCALA:  
1/250





**LEGENDA:**

- ATERRO
- CORTE



JOTA BARROS PROJETOS  
Arthur Moreira Torquato  
Engº Civil - CREA 53900D - CE



**JOTA BARROS  
PROJETOS**

**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**

**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**

**SEÇÕES TRANSVERSAIS**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

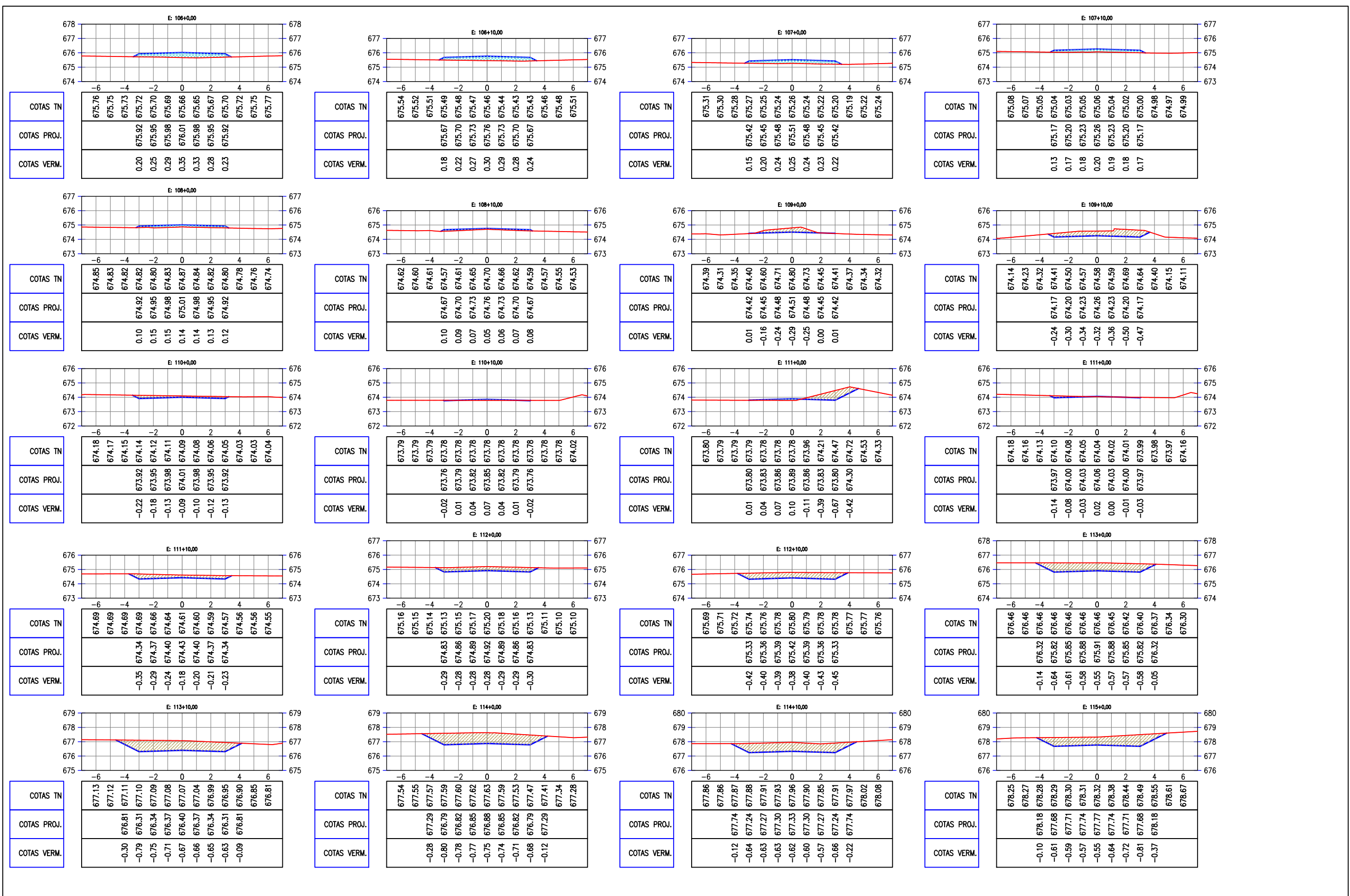
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES\_R1.DWG

PRANCHA:

**9 / 14**

ESCALA:

1/250



**LEGENDA:**

- ATERRO
- CORTE

  
**JOTA BARROS PROJETOS**  
 Arthur Moreira Torquato  
 Engº Civil - CREA 53900D - CE

  
**JOTA BARROS PROJETOS**

**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**

**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**

**SEÇÕES TRANSVERSAIS**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

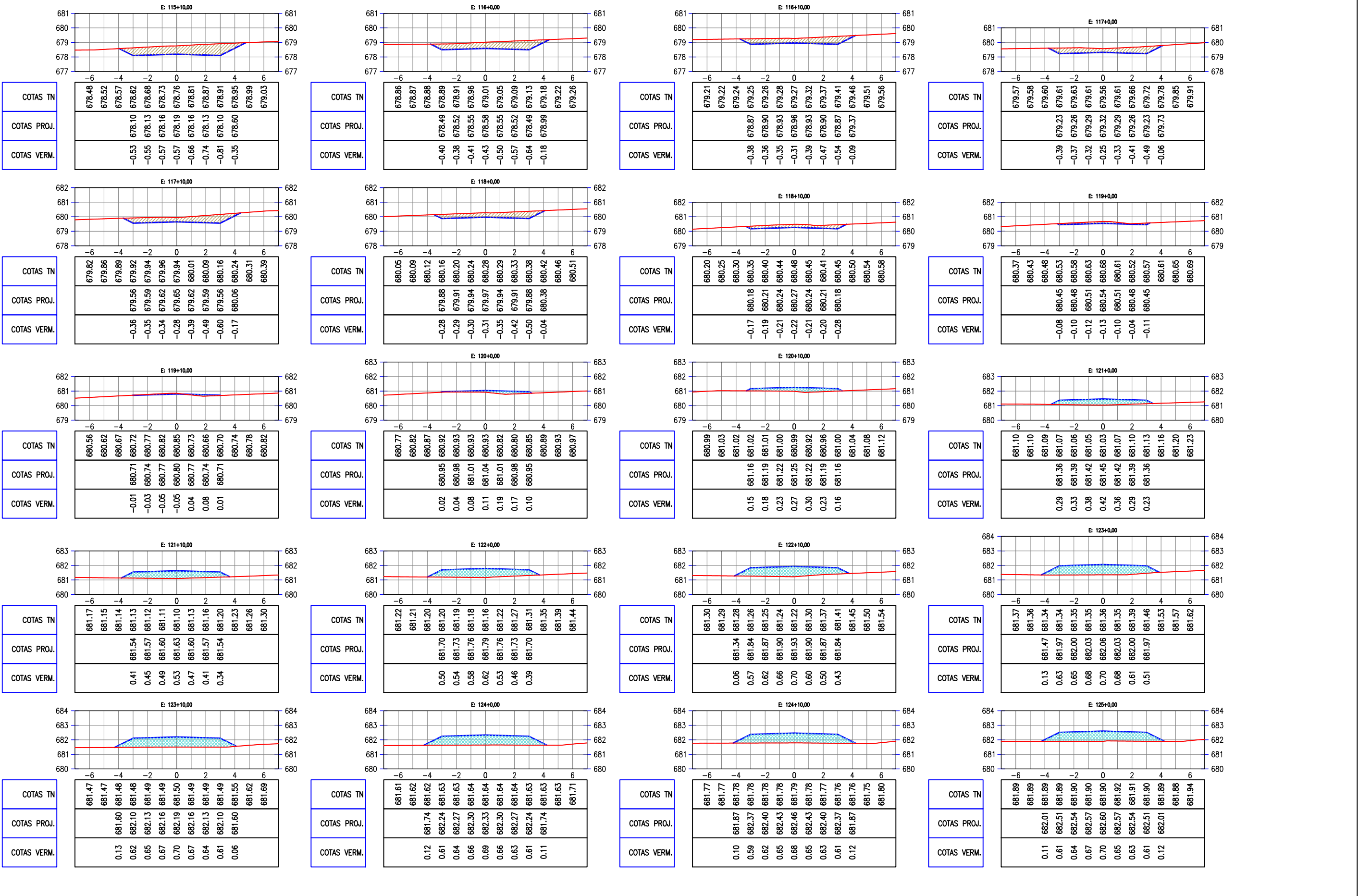
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PRANCHA:

**10 / 14**

ESCALA:

**1/250**



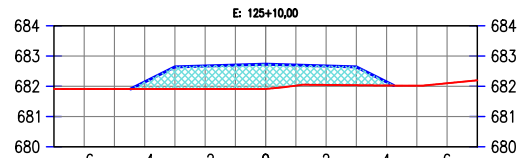
LEGENDA:

- ATERRO
- CORTE

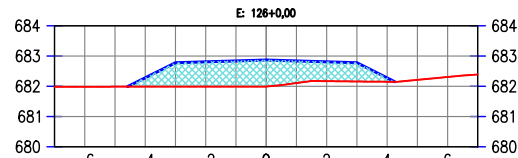
JOTA BARROS PROJETOS  
 Arthur Moreira Torquato  
 Eng.º Civil - CREA 53900D - CE



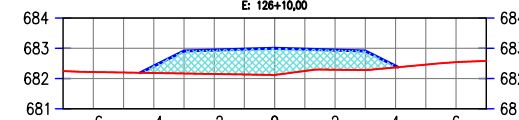
<b>PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE</b>		PRANCHA:
<b>RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03</b>		<b>11 / 14</b>
<b>SEÇÕES TRANSVERSAIS</b>		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES_R1.DWG	



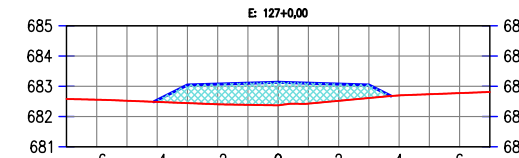
COTAS TN	681.91	681.91	681.91	681.91	681.91	681.91	681.91	681.91
COTAS PROJ.	0.23	0.73	0.76	0.79	0.82	0.88	0.63	0.61
COTAS VERM.	682.14	682.64	682.67	682.70	682.73	682.70	682.04	682.03



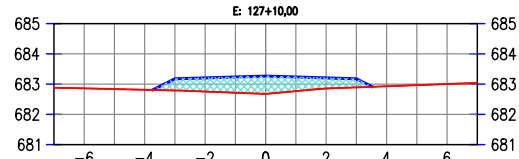
COTAS TN	681.96	681.98	681.99	681.99	681.99	681.99	681.99	681.99
COTAS PROJ.	0.29	0.79	0.82	0.85	0.88	0.73	0.64	0.62
COTAS VERM.	682.27	682.77	682.80	682.83	682.86	682.11	682.17	682.15



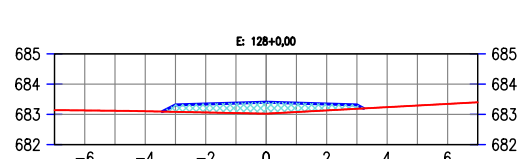
COTAS TN	682.21	682.20	682.18	682.16	682.15	682.13	682.11	682.11
COTAS PROJ.	0.23	0.74	0.79	0.84	0.88	0.72	0.65	0.63
COTAS VERM.	682.41	682.91	682.94	682.97	682.99	682.29	682.28	682.27



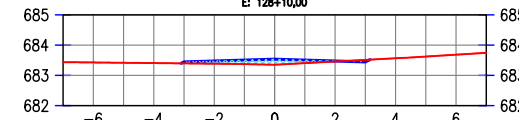
COTAS TN	682.55	682.52	682.48	682.44	682.40	682.38	682.37	682.42
COTAS PROJ.	0.06	0.60	0.67	0.72	0.76	0.68	0.55	0.43
COTAS VERM.	682.54	683.04	683.07	683.10	683.13	683.10	683.07	682.61



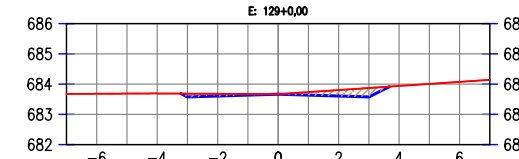
COTAS TN	682.86	682.84	682.81	682.79	682.75	682.72	682.68	682.77
COTAS PROJ.	0.39	0.45	0.52	0.59	0.47	0.35	0.28	0.28
COTAS VERM.	683.18	683.21	683.24	683.27	683.24	683.21	682.86	682.89



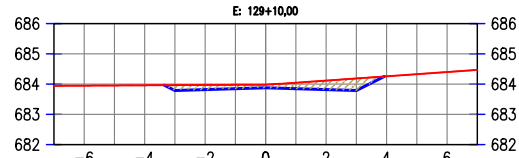
COTAS TN	683.13	683.12	683.10	683.08	683.06	683.04	683.02	683.08
COTAS PROJ.	0.23	0.28	0.33	0.38	0.29	0.21	0.13	0.13
COTAS VERM.	683.31	683.34	683.37	683.40	683.02	683.13	683.19	683.24



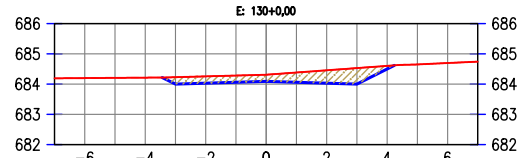
COTAS TN	683.43	683.42	683.41	683.40	683.39	683.37	683.35	683.41
COTAS PROJ.	0.05	0.09	0.13	0.18	0.10	0.02	-0.07	-0.07
COTAS VERM.	683.44	683.47	683.50	683.53	683.50	683.47	683.44	683.57



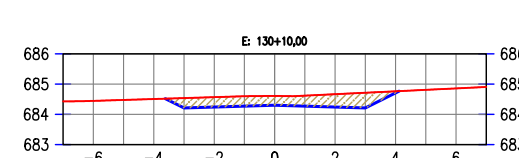
COTAS TN	683.68	683.69	683.69	683.69	683.68	683.67	683.67	683.74
COTAS PROJ.	-0.11	-0.07	-0.04	0.00	-0.10	-0.20	-0.29	-0.29
COTAS VERM.	683.58	683.61	683.64	683.67	683.64	683.80	683.87	683.94



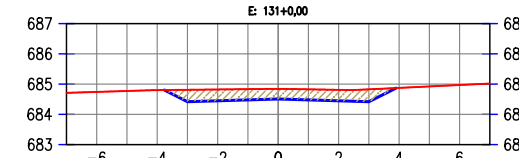
COTAS TN	683.95	683.95	683.96	683.96	683.97	683.98	683.98	684.04
COTAS PROJ.	-0.18	-0.15	-0.13	-0.10	-0.20	-0.30	-0.40	-0.40
COTAS VERM.	683.79	683.82	683.85	683.88	684.04	684.12	684.19	684.26



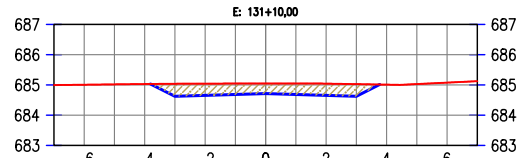
COTAS TN	684.20	684.20	684.21	684.23	684.25	684.28	684.31	684.38
COTAS PROJ.	-0.23	-0.23	-0.22	-0.22	-0.32	-0.43	-0.53	-0.10
COTAS VERM.	684.00	684.03	684.06	684.09	684.38	684.45	684.53	684.60



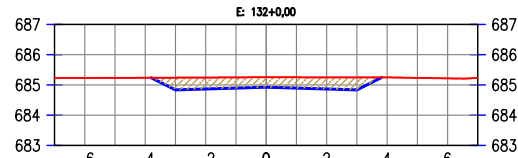
COTAS TN	684.44	684.47	684.51	684.54	684.57	684.60	684.61	684.62
COTAS PROJ.	-0.33	-0.33	-0.33	-0.31	-0.35	-0.43	-0.50	-0.05
COTAS VERM.	684.21	684.24	684.27	684.30	684.27	684.67	684.71	684.76



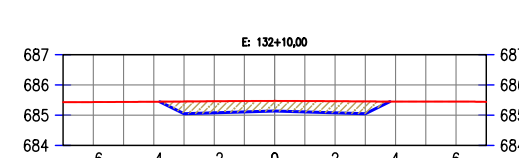
COTAS TN	684.74	684.77	684.80	684.81	684.82	684.83	684.84	684.84
COTAS PROJ.	-0.39	-0.37	-0.35	-0.33	-0.35	-0.36	-0.41	-0.41
COTAS VERM.	684.42	684.45	684.48	684.51	684.83	684.81	684.83	684.87



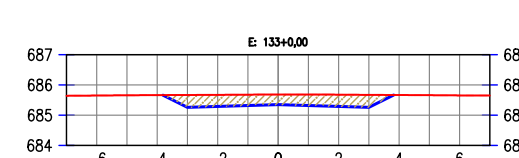
COTAS TN	685.01	685.02	685.03	685.04	685.05	685.05	685.05	685.08
COTAS PROJ.	-0.41	-0.39	-0.36	-0.33	-0.36	-0.39	-0.40	-0.40
COTAS VERM.	684.63	684.66	684.69	684.72	684.69	684.66	684.63	685.03



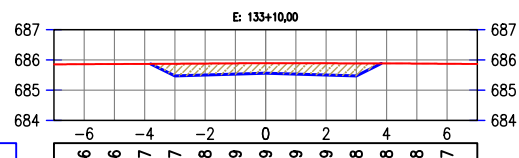
COTAS TN	685.23	685.24	685.24	685.25	685.25	685.26	685.25	685.25
COTAS PROJ.	-0.40	-0.38	-0.35	-0.33	-0.35	-0.38	-0.41	-0.41
COTAS VERM.	684.84	684.87	684.90	684.93	684.90	684.87	684.84	685.25



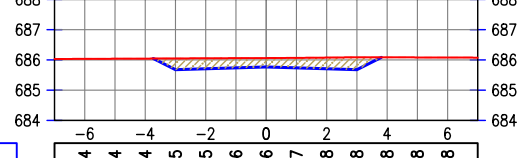
COTAS TN	685.43	685.44	685.45	685.46	685.47	685.48	685.47	685.46
COTAS PROJ.	-0.41	-0.38	-0.36	-0.34	-0.36	-0.38	-0.41	-0.41
COTAS VERM.	685.05	685.08	685.11	685.14	685.08	685.46	685.46	685.45



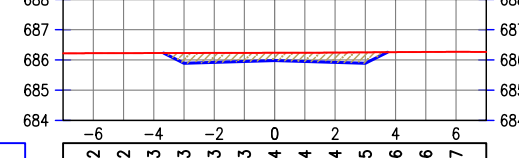
COTAS TN	685.65	685.66	685.66	685.67	685.68	685.69	685.68	685.68
COTAS PROJ.	-0.41	-0.39	-0.36	-0.34	-0.37	-0.39	-0.42	-0.42
COTAS VERM.	685.26	685.29	685.32	685.35	685.32	685.29	685.67	685.67



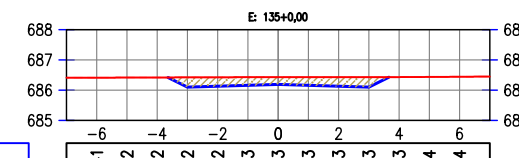
COTAS TN	685.86	685.86	685.87	685.88	685.89	685.89	685.89	685.88
COTAS PROJ.	-0.41	-0.38	-0.36	-0.33	-0.36	-0.39	-0.42	-0.42
COTAS VERM.	685.47	685.50	685.53	685.56	685.53	685.50	685.47	685.88



COTAS TN	686.04	686.04	686.05	686.06	686.06	686.07	686.08	686.08
COTAS PROJ.	-0.37	-0.34	-0.32	-0.29	-0.33	-0.37	-0.41	-0.41
COTAS VERM.	685.68	685.71	685.74	685.77	685.74	685.71	685.68	686.08



COTAS TN	686.22	686.22	686.23	686.23	686.24	686.24	686.24	686.27
COTAS PROJ.	-0.34	-0.31	-0.28	-0.26	-0.29	-0.32	-0.36	-0.36
COTAS VERM.	685.89	685.92	685.95	685.98	685.95	685.92	685.89	686.27



COTAS TN	686.41	686.42	686.42	686.43	686.43	686.43	686.43	686.44
COTAS PROJ.	-0.32	-0.30	-0.27	-0.24	-0.27	-0.30	-0.33	-0.33
COTAS VERM.	686.10	686.13	686.16	686.19	686.16	686.13	686.10	686.44

LEGENDA:



JOTA BARROS PROJETOS  
Arthur Moreira Torquato  
Eng.º Civil - CREA 53900D - CE

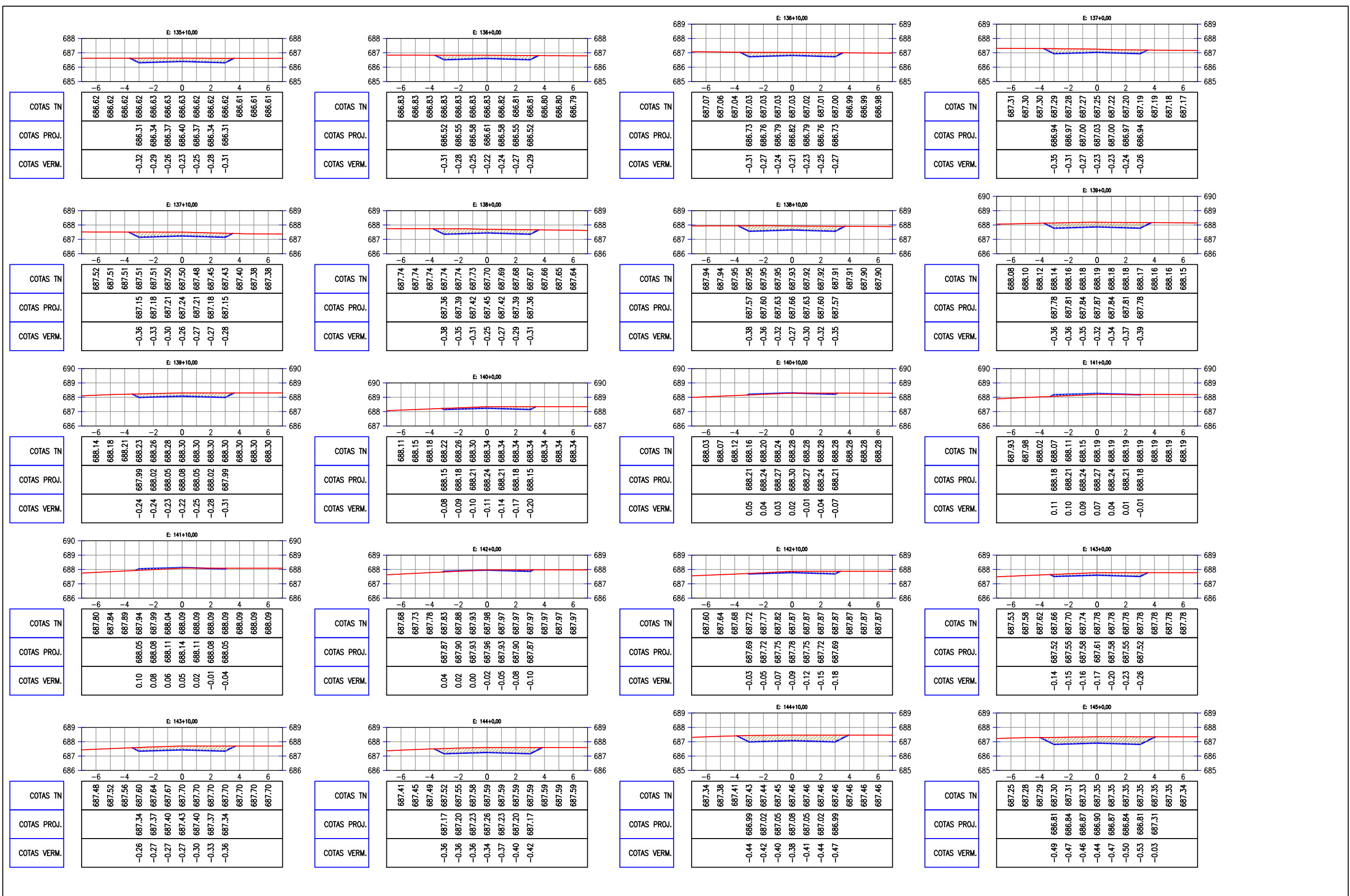


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA  
DO NORTE-CE - PT 1086270-03

SEÇÕES TRANSVERSAIS

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES\_R1.DWG

PRANCHA:  
**12 / 14**  
ESCALA:  
1/250



**LEGENDA:**

- ATERRO
- CORTE

JOTA BARROS PROJETOS  
 Arthur Moreira Torquato  
 Eng.º Civil - CREA 53900D - CE

**JOTA BARROS  
PROJETOS**

**PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE**

**RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03**

**SEÇÕES TRANSVERSAIS**

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

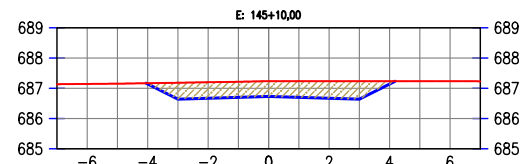
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES\_R1.DWG

PRANCHA:

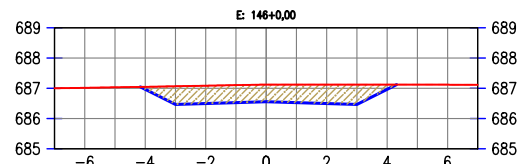
**13 / 14**

ESCALA:

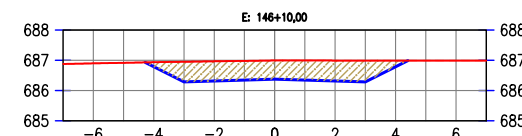
1/250



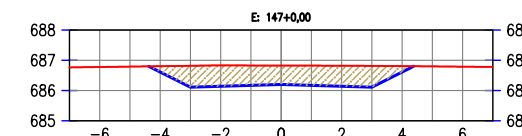
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COTAS PROJ.		-0.03	687.14	686.64	686.67	687.20	687.21	687.23	687.23	687.23	687.23
COTAS VERM.		-0.03	-0.54	686.64	686.67	687.20	687.21	687.23	687.23	687.23	687.23



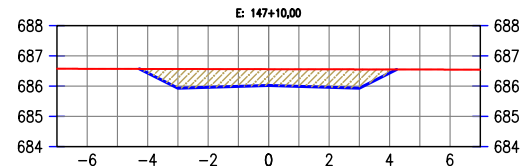
COTAS TN	687.01	687.03	687.05	687.06	687.08	687.10	687.12	687.12	687.12	687.12	687.12
COTAS PROJ.		-0.08	686.96	686.46	687.06	687.08	687.10	687.12	687.12	687.12	687.12
COTAS VERM.		-0.08	-0.60	686.46	687.06	687.08	687.10	687.12	687.12	687.12	687.12



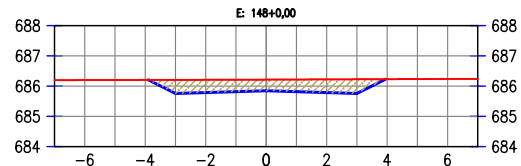
COTAS TN	686.90	686.91	686.93	686.95	686.96	686.98	686.99	686.99	686.99	686.99	686.99
COTAS PROJ.		-0.15	686.79	686.29	686.95	686.96	686.98	686.99	686.99	686.99	686.99
COTAS VERM.		-0.15	-0.66	686.29	686.95	686.96	686.98	686.99	686.99	686.99	686.99



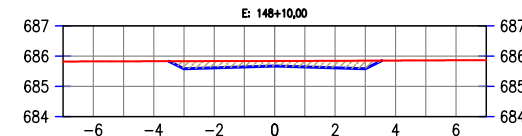
COTAS TN	686.78	686.79	686.80	686.82	686.83	686.83	686.82	686.82	686.82	686.81	686.80	686.79
COTAS PROJ.		-0.19	686.61	686.11	686.82	686.83	686.82	686.82	686.82	686.81	686.80	686.79
COTAS VERM.		-0.19	-0.71	686.11	686.82	686.83	686.82	686.82	686.82	686.81	686.80	686.79



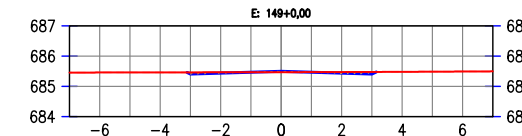
COTAS TN	686.57	686.57	686.57	686.57	686.56	686.56	686.56	686.55	686.55	686.55	686.55
COTAS PROJ.		-0.14	686.43	685.93	686.56	686.56	686.56	686.55	686.55	686.55	686.55
COTAS VERM.		-0.14	-0.63	685.93	686.56	686.56	686.56	686.55	686.55	686.55	686.55



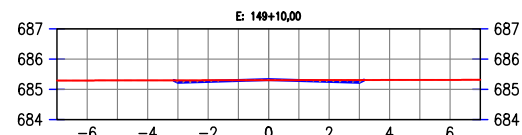
COTAS TN	686.20	686.20	686.21	686.21	686.21	686.22	686.22	686.23	686.23	686.23	686.24
COTAS PROJ.		-0.45	685.76	685.79	686.21	686.22	686.22	686.23	686.23	686.23	686.24
COTAS VERM.		-0.45	-0.42	685.79	686.21	686.22	686.22	686.23	686.23	686.23	686.24



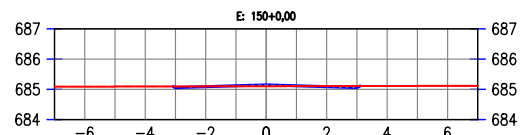
COTAS TN	685.82	685.83	685.83	685.83	685.84	685.84	685.84	685.85	685.85	685.85	685.86	685.86
COTAS PROJ.		-0.25	685.58	685.61	685.84	685.84	685.84	685.85	685.85	685.85	685.86	685.86
COTAS VERM.		-0.25	-0.22	685.61	685.84	685.84	685.84	685.85	685.85	685.85	685.86	685.86



COTAS TN	685.46	685.46	685.46	685.46	685.47	685.47	685.47	685.47	685.47	685.48	685.48	685.49
COTAS PROJ.		-0.06	685.41	685.44	685.47	685.47	685.47	685.47	685.47	685.48	685.48	685.49
COTAS VERM.		-0.06	-0.03	685.44	685.47	685.47	685.47	685.47	685.47	685.48	685.48	685.49



COTAS TN	685.29	685.29	685.29	685.30	685.30	685.30	685.30	685.31	685.31	685.31	685.31
COTAS PROJ.		-0.07	685.23	685.26	685.30	685.30	685.30	685.31	685.31	685.31	685.31
COTAS VERM.		-0.07	-0.04	685.26	685.30	685.30	685.30	685.31	685.31	685.31	685.31



COTAS TN	685.09	685.09	685.09	685.09	685.10	685.10	685.10	685.11	685.11	685.11	685.11
COTAS PROJ.		-0.04	685.05	685.08	685.10	685.10	685.10	685.11	685.11	685.11	685.11
COTAS VERM.		-0.04	-0.01	685.08	685.10	685.10	685.10	685.11	685.11	685.11	685.11

LEGENDA:

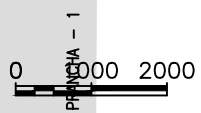
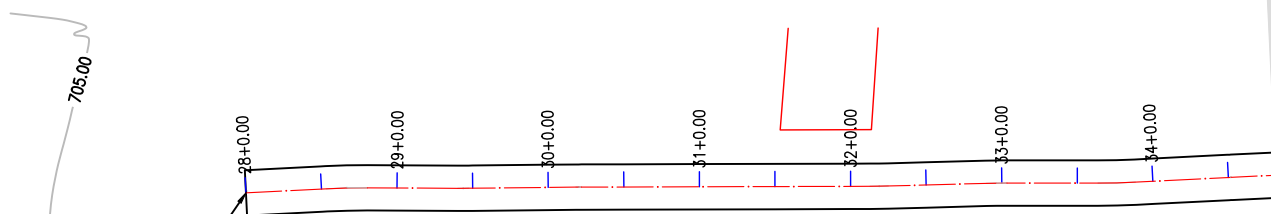
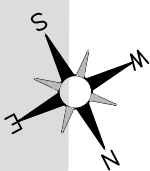


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
<b>SEÇÕES TRANSVERSAIS</b>	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SEÇÕES_R1.DWG

PRANCHA:	<b>14 / 14</b>
ESCALA:	1/250

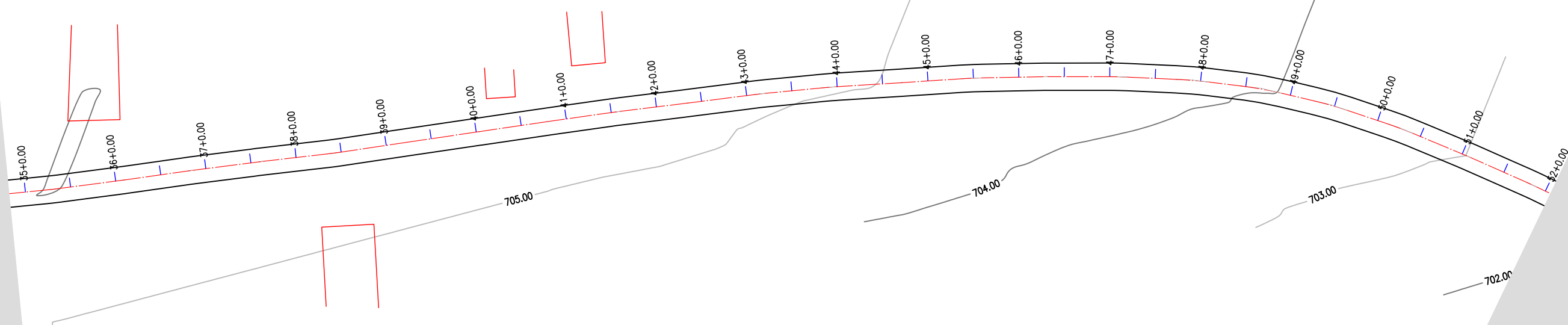
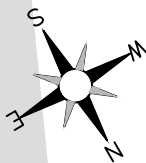


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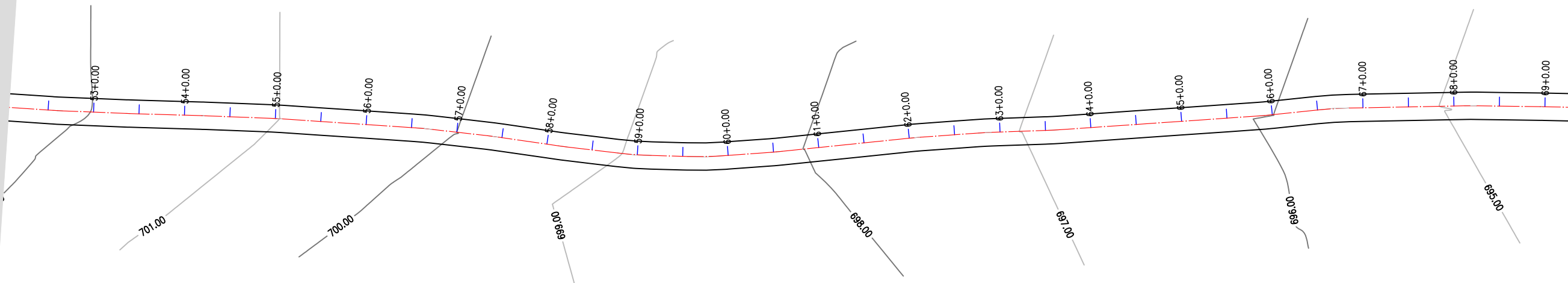
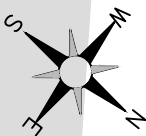


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
<b>SINALIZAÇÃO VIÁRIA</b>	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SIN_R1.DWG

PRANCHA:	1 / 06
ESCALA:	1/1000



0 1000 2000



PRANCHA - 3  
0 1000 2000

PRANCHA - 4

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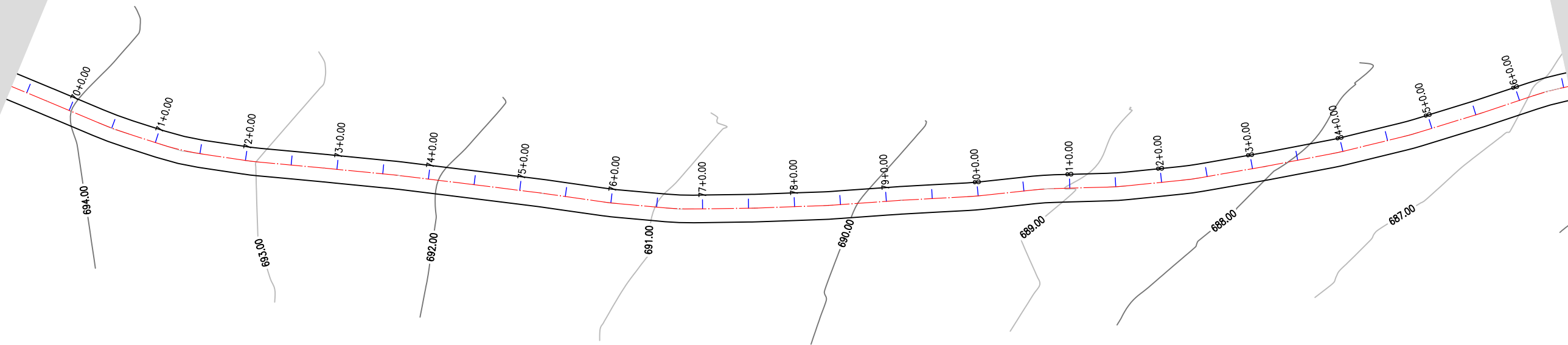
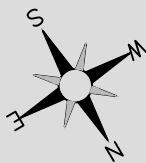
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA  
 DO NORTE-CE - PT 1086270-03

**SINALIZAÇÃO VIÁRIA**  
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
 ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SIN\_R1.DWG

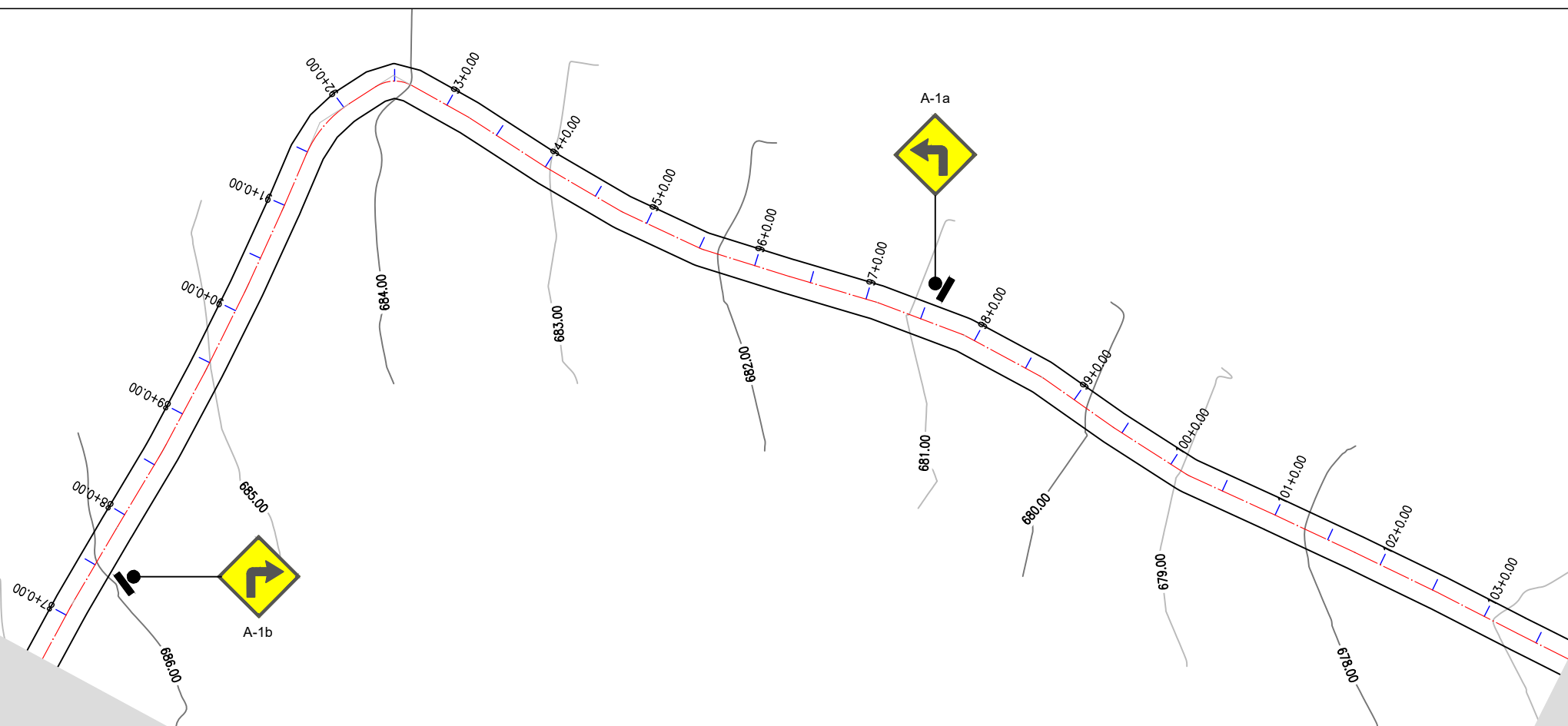
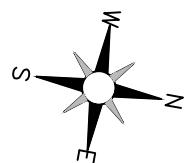
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**2 / 06**

ESCALA:  
**1/1000**





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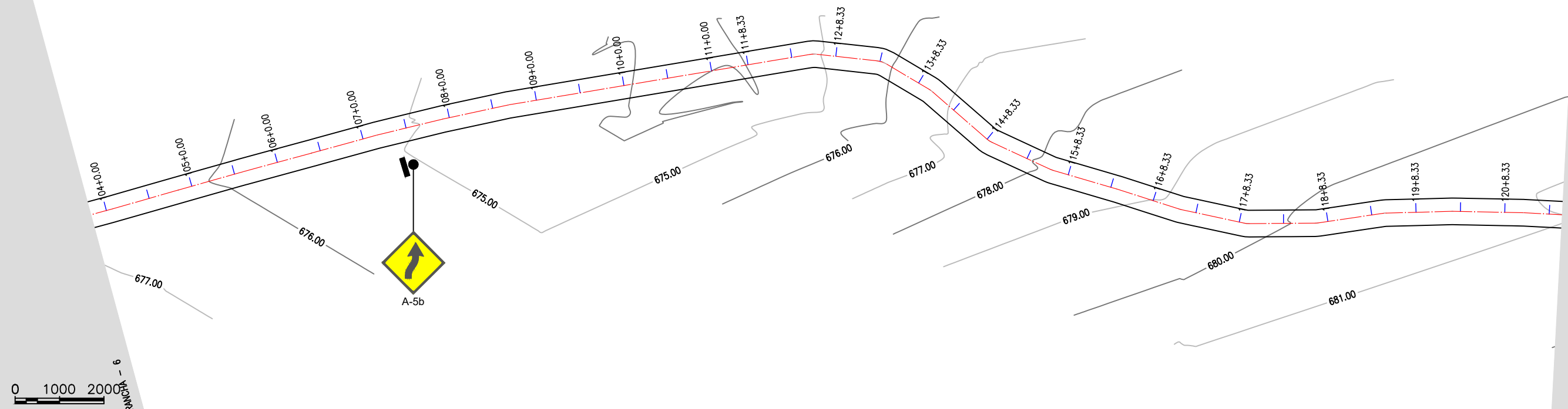
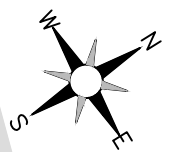
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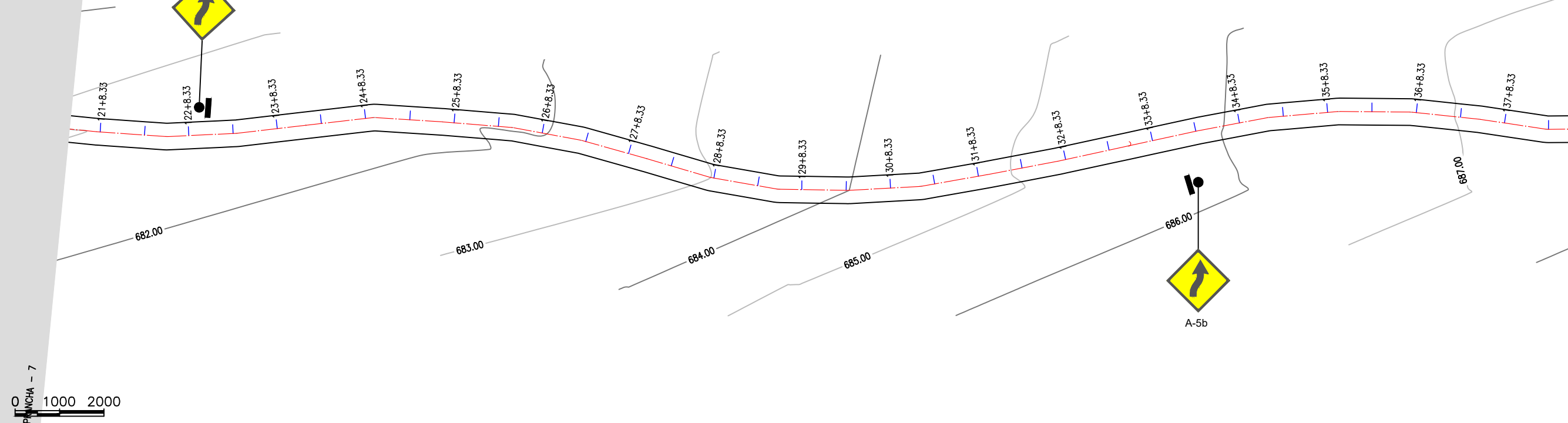
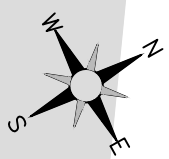
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA  
DO NORTE-CE - PT 1086270-03

**SINALIZAÇÃO VIÁRIA**  
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SIN\_R1.DWG

PRANCHA:  
**3 / 06**  
ESCALA:  
1/1000



PRANCHA - 7

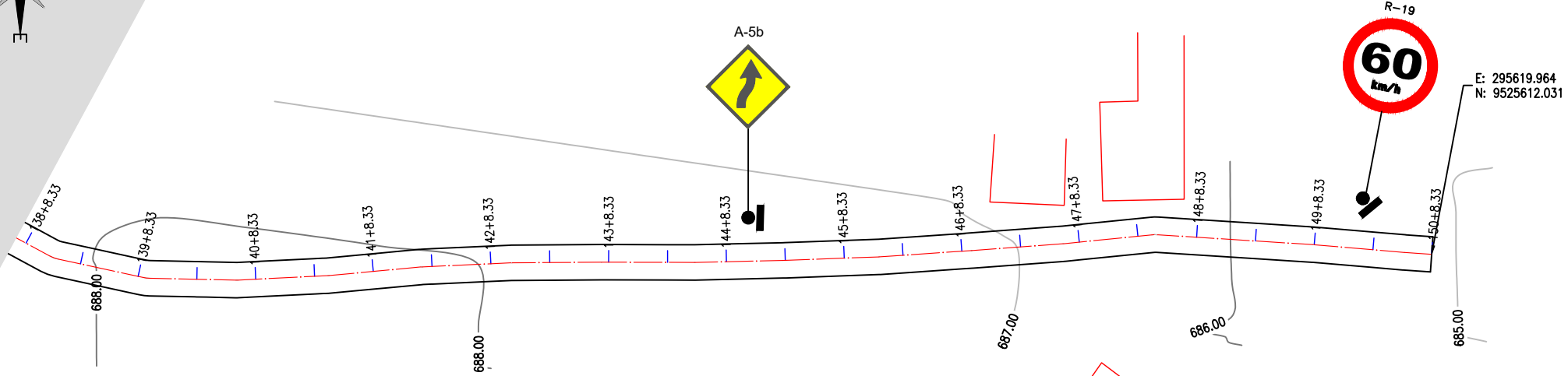
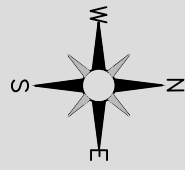


PRANCHA - 7

  
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: <b>4 / 06</b>
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
<b>SINALIZAÇÃO VIÁRIA</b>		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/1000
ARQUIVO:	10- SÍTIO CORREGO - MARTINSLANDIA - SIN_R1.DWG	



  
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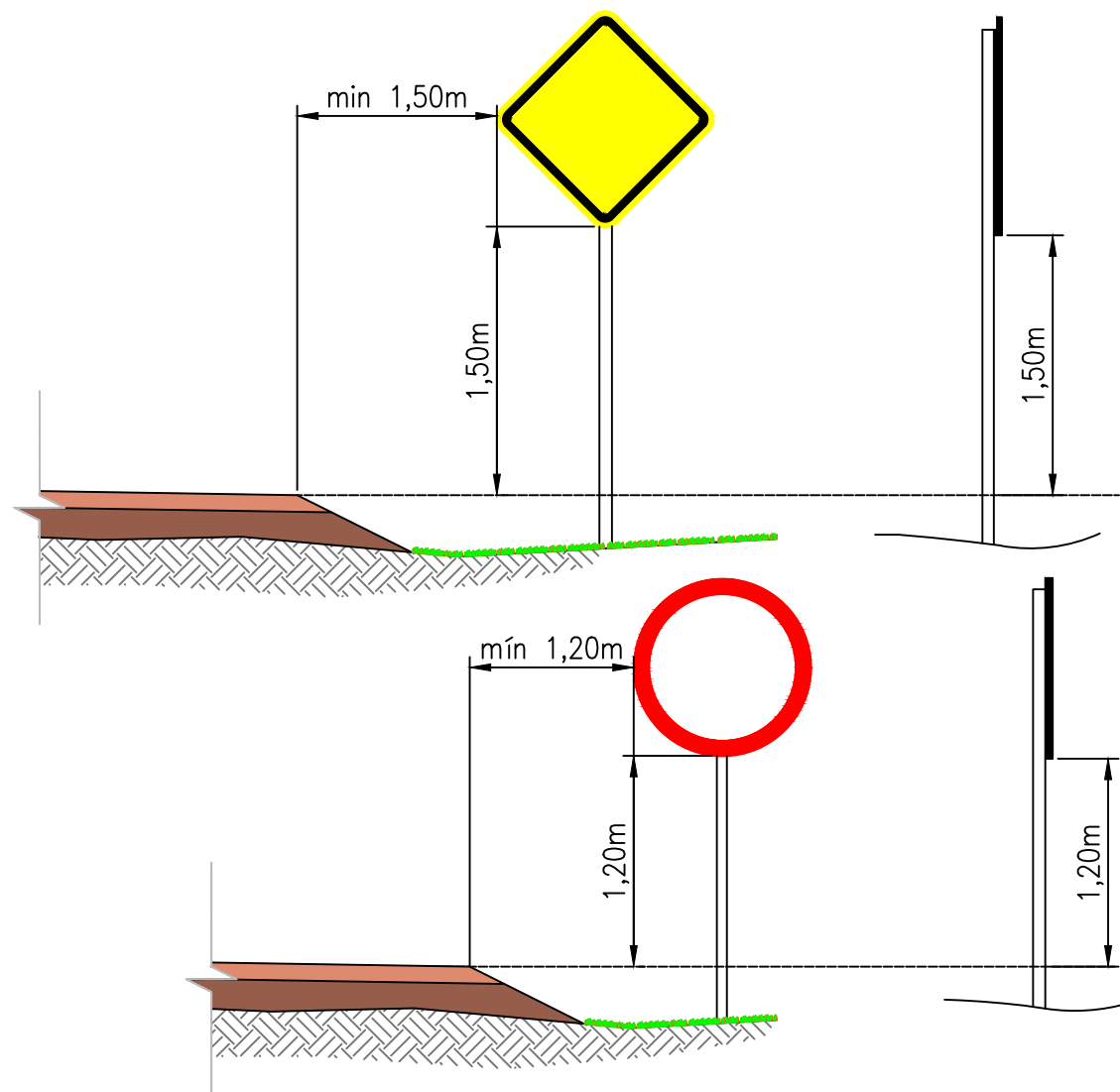
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA  
DO NORTE-CE - PT 1086270-03

PRANCHA:  
**5 / 06**

**SINALIZAÇÃO VIÁRIA**  
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SIN\_R1.DWG

ESCALA:  
1/1000

Posicionamento transversal



PLACAS DE ADVERTÊNCIA

PLACAS	CÓDIGO	DIMENSÕES (m)	QUANTIDADE (un)
	R - 19	Ø = 0,60	02

NOTA 1:

As Placas Regulamentares tem as seguintes características:

Diâmetro	- 0,80m	Fundo	- Branco
Tarja Circular e Diagonal	- 0,07m	Tarja	- Vermelha
		Símbolo	- Preto
		Letra	- Preto
		Verso	- Preto

PLACAS DE ADVERTÊNCIA

PLACAS	CÓDIGO	DIMENSÕES (m)	QUANTIDADE (un)
	A - 1a	0,80x0,80	01
	A - 1b	0,80x0,80	01
	A - 5b	0,80x0,80	04

NOTA 2:

As Placas de Advertência tem as seguintes características:

Lado	- 0,80m	Fundo	- Amarelo
Orla externa	- 0,01m	Orla interna	- Preta
Orla interna	- 0,02m	Orla externa	- Amarela
		Símbolo	- Preto
		Verso	- Preto

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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03

PRANCHA:  
**6 / 06**

**SINALIZAÇÃO VIÁRIA**  
 PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE  
 ARQUIVO: 10- SÍTIO CORREGO - MARTINSLANDIA - SIN\_R1.DWG

ESCALA:  
**SEM ESC**