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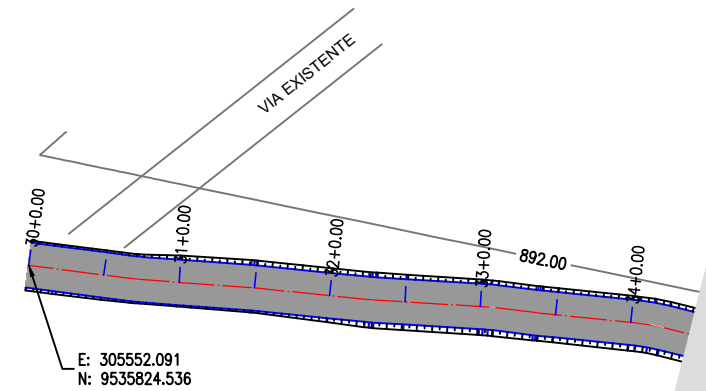
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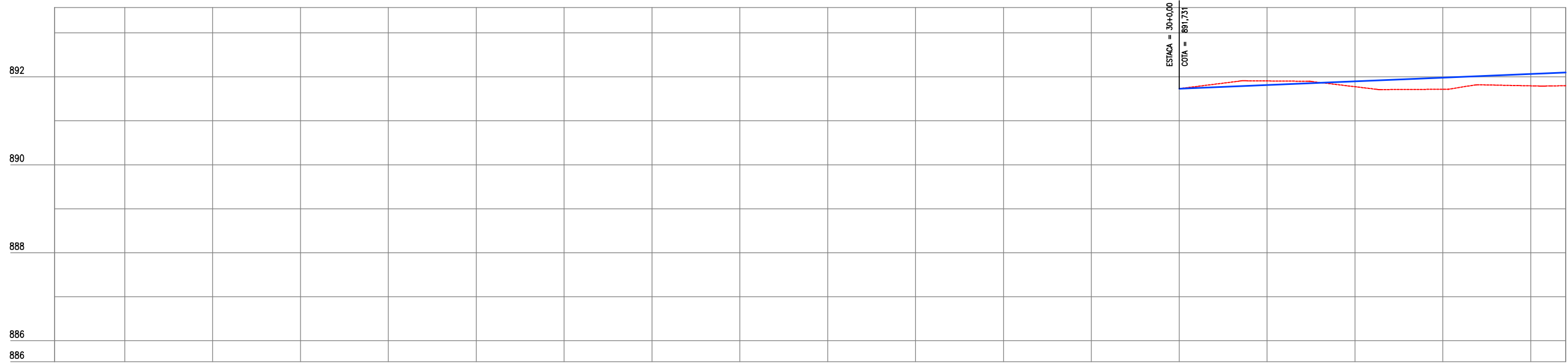
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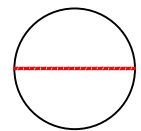


Cruz das Almas

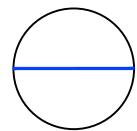


Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
		885,523	17
		885,963	18
		886,445	19
		886,794	20
		887,153	21
		887,476	22
		887,655	23
		888,333	24
		888,826	25
		889,390	26
		890,186	27
		891,129	28
		891,666	29
0,000	891,731	891,731	30
-0,092	891,814	891,906	31
0,122	891,897	891,775	32
		91,716	33
		91,795	34
		91,798	34

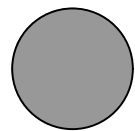
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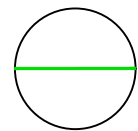
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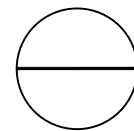
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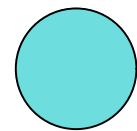
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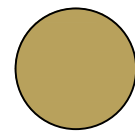
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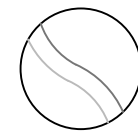
TALUDE



ATERRO



CORTE



CURVAS DE NÍVEL



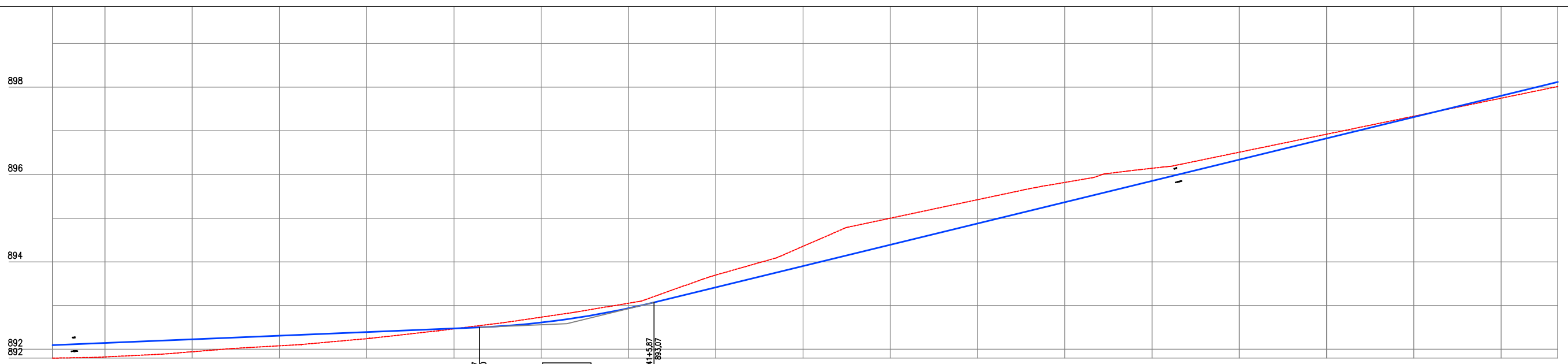
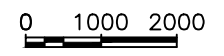
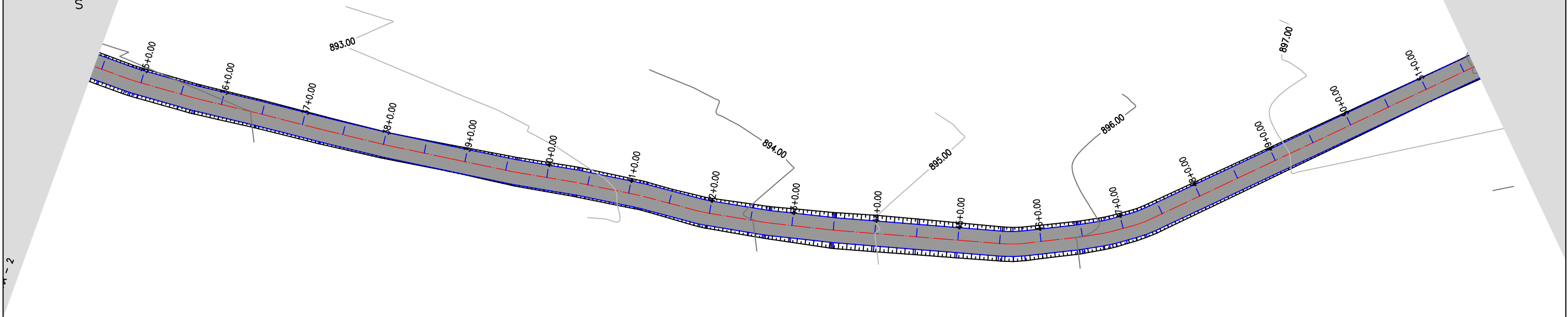
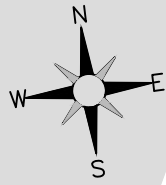
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

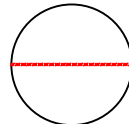
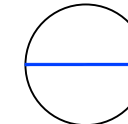
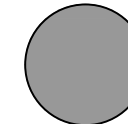
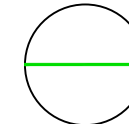
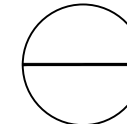
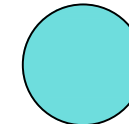
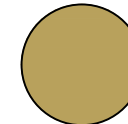
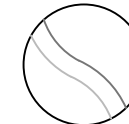
PRANCHA:
1 / 10

ESCALA:
H 1/1000
V 1/100



Estaca	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51
Cota de terreno	891,798	891,825	891,943	892,080	892,243	892,468	892,735	893,053	893,699	894,356	895,000	895,423	895,818	896,142	896,510	896,922	897,334	897,746	898,014
Cota da terraplenagem	892,096	892,146	892,229	892,312	892,395	892,479	892,612	892,939	893,417	893,904	894,392	894,879	895,366	895,853	896,340	896,827	897,314	897,801	898,288
Cota vermelha	0,298	0,322	0,287	0,233	0,152	0,010	-0,122	-0,114	-0,281	-0,451	-0,608	-0,545	-0,453	-0,290	-0,171	-0,085			


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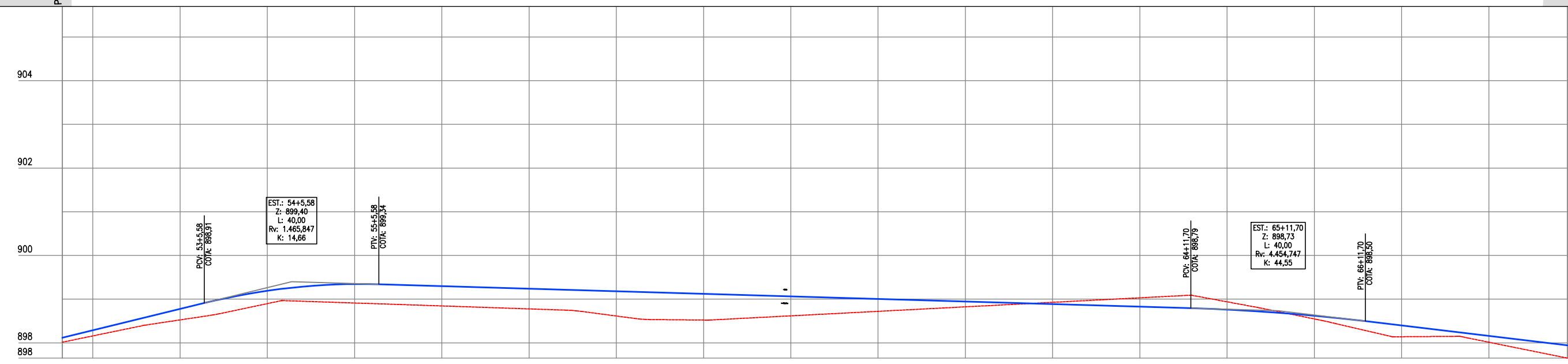
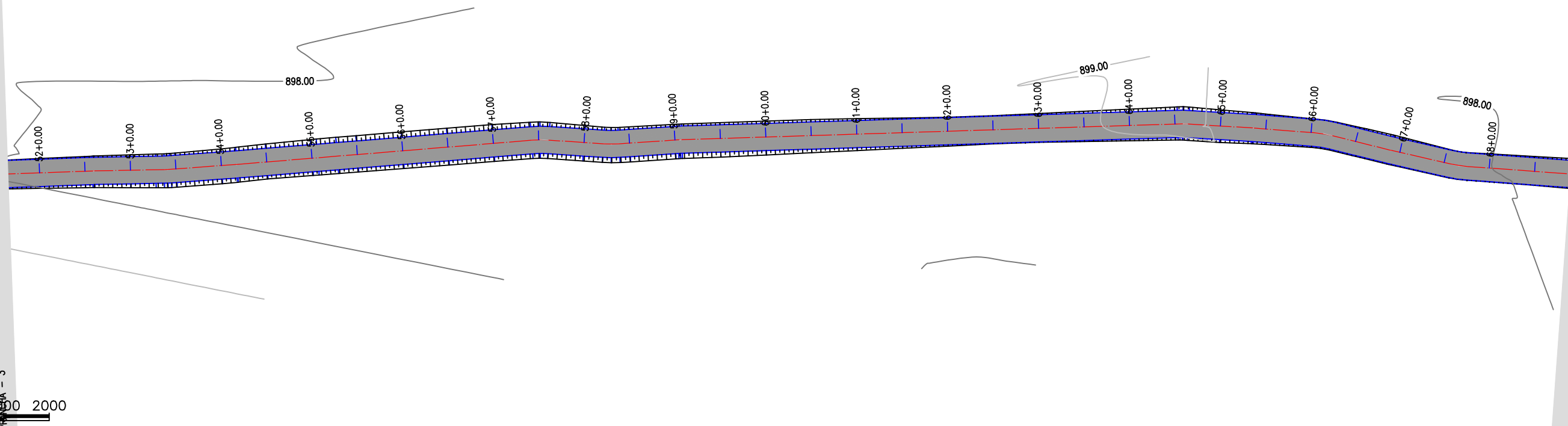
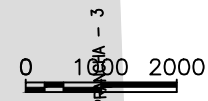
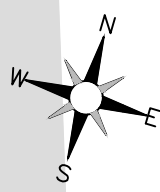
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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:	04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

PRANCHA:
2 / 10
 ESCALA:
 H 1/1000
 V 1/100



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
51	898,014	898,118	0,103
52	898,158	898,288	0,130
53	898,525	898,775	0,251
54	898,897	899,191	0,294
55	898,912	899,345	0,433
56	898,844	899,297	0,453
57	898,777	899,238	0,462
58	898,614	899,180	0,566
59	898,521	899,121	0,600
60	898,618	899,062	0,445
61	898,721	899,004	0,283
62	898,824	898,945	0,121
63	898,927	898,886	-0,041
64	899,030	898,828	-0,203
65	898,939	898,761	-0,178
66	898,547	898,620	0,074
67	898,139	898,397	0,258
68	898,014		
68	897,650		

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

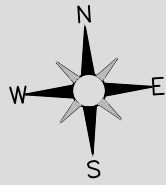


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

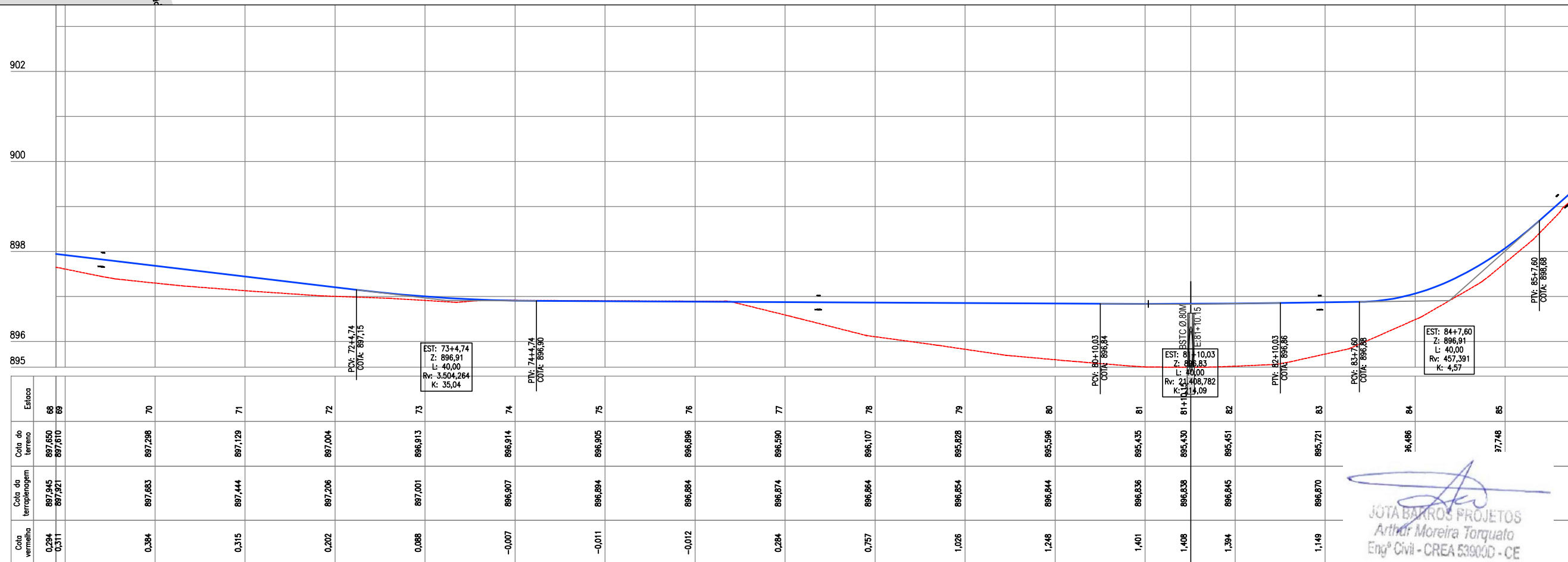
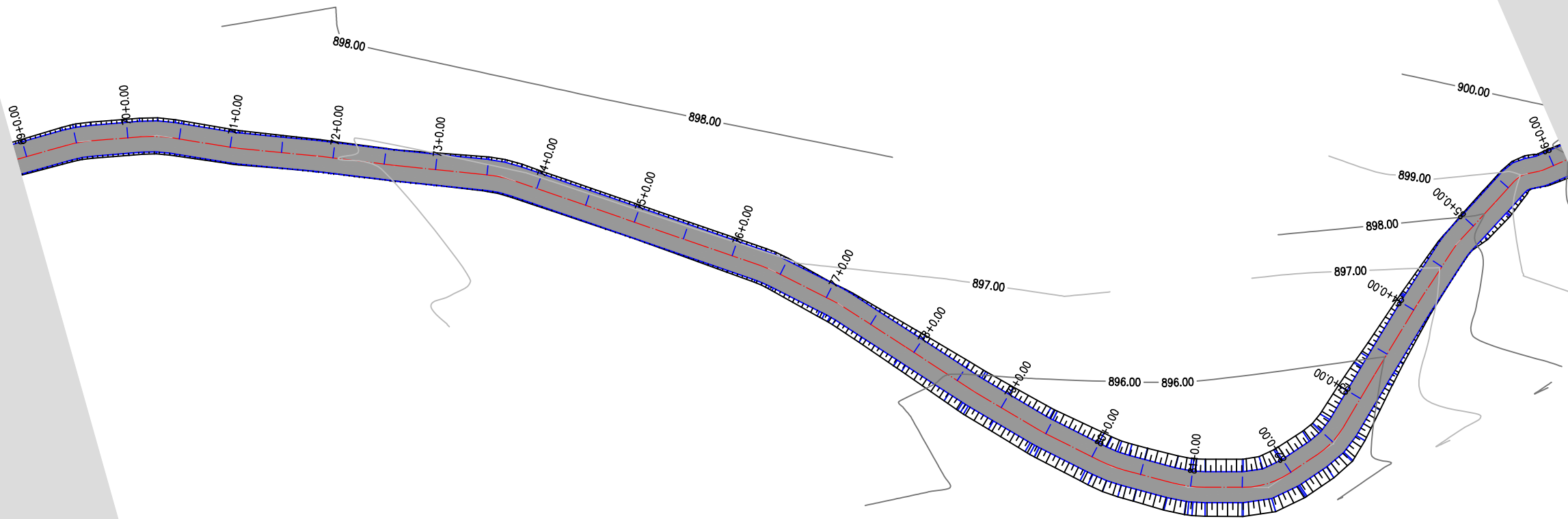
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

PRANCHA:
3 / 10

ESCALA:
 H 1/1000
 V 1/100



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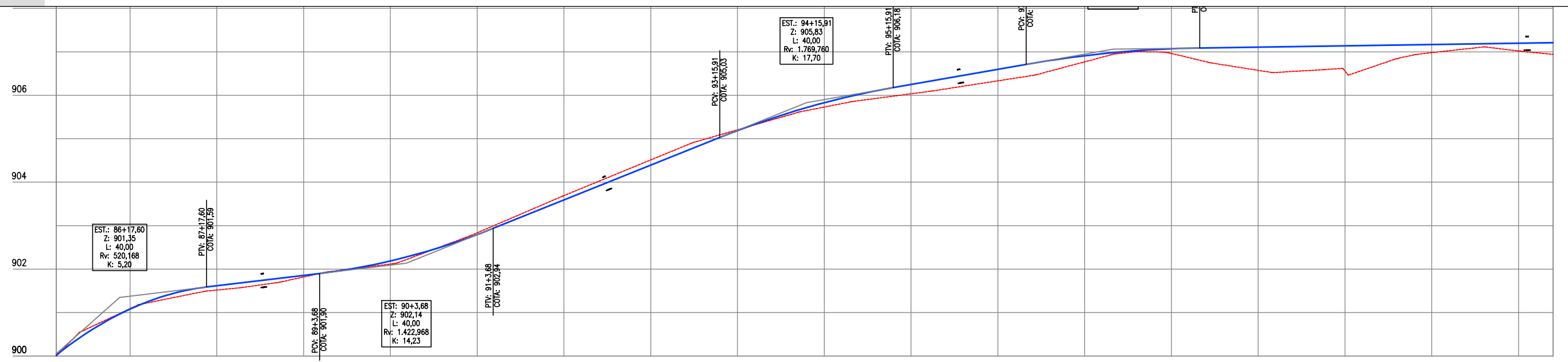
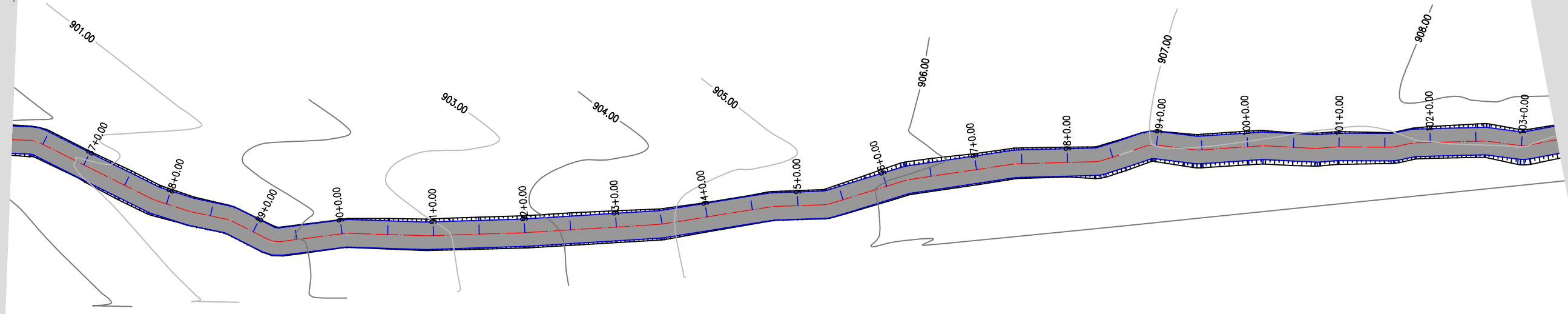
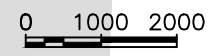
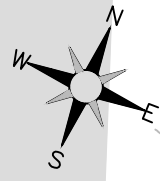


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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

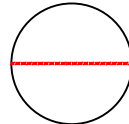
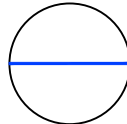
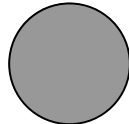
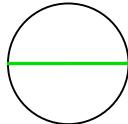
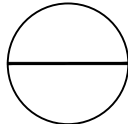
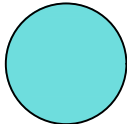

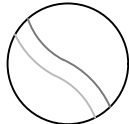


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 ESTAQUEAMENTO E PERFIL LONGITUDINAL		PRANCHA: 4 / 10
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: H 1/1000 V 1/100
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG	



Estaca	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	
Cota do terreno	899,996	901,090	901,517	901,818	902,115	902,835	903,681	904,513	905,206	905,729	906,034	906,333	906,770	906,964	906,574	906,560	906,980	907,021	906,942
Cota da terraplenagem	900,024	901,079	901,616	901,854	902,186	902,795	903,591	904,391	905,187	905,829	906,249	906,597	906,910	907,071	907,109	907,138	907,580	907,621	907,542
Cota vermelha	0,027	-0,010	0,088	0,036	0,071	-0,041	-0,101	-0,121	-0,019	0,100	0,214	0,265	0,140	0,107	0,535	0,578			


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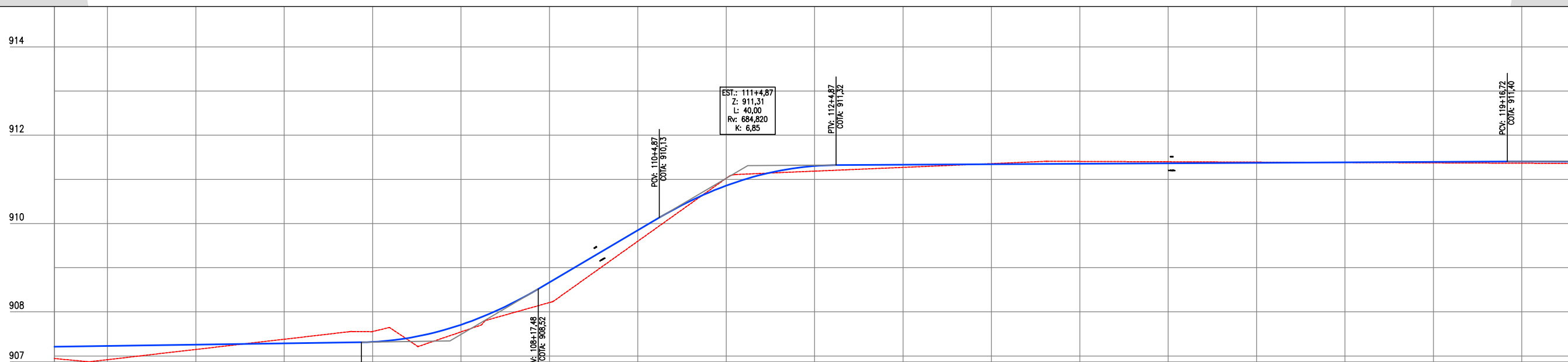
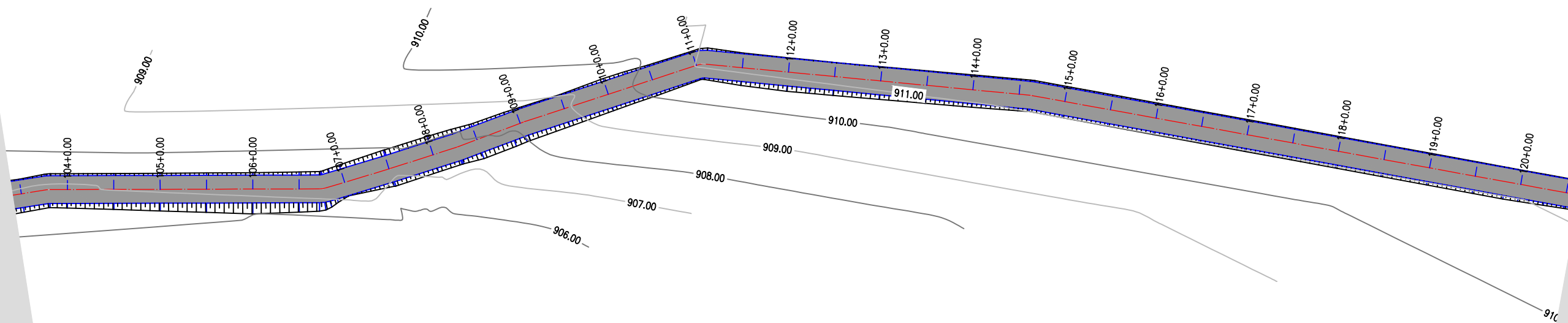
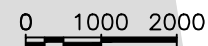
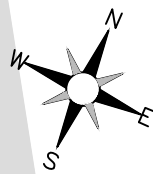
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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:	04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

PRANCHA:
5 / 10
 ESCALA:
 H 1/1000
 V 1/100



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
103	906,942	907,209	0,267
104	906,916	907,226	0,310
105	907,148	907,255	0,108
106	907,379	907,285	-0,094
107	907,545	907,318	-0,236
108	907,545	907,318	-0,236
109	908,210	908,667	0,458
110	909,599	909,846	0,247
111	911,025	910,858	-0,167
112	911,186	911,302	0,116
113	911,271	911,330	0,059
114	911,357	911,341	-0,015
115	911,407	911,352	-0,055
116	911,399	911,362	-0,036
117	911,390	911,373	-0,017
118	911,382	911,384	0,002
119	11,374		
120	11,366		
120	11,360		

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

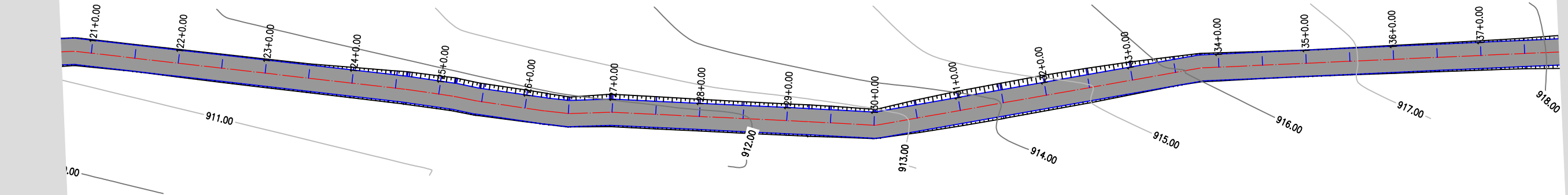
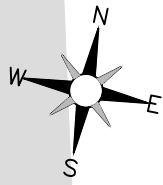


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

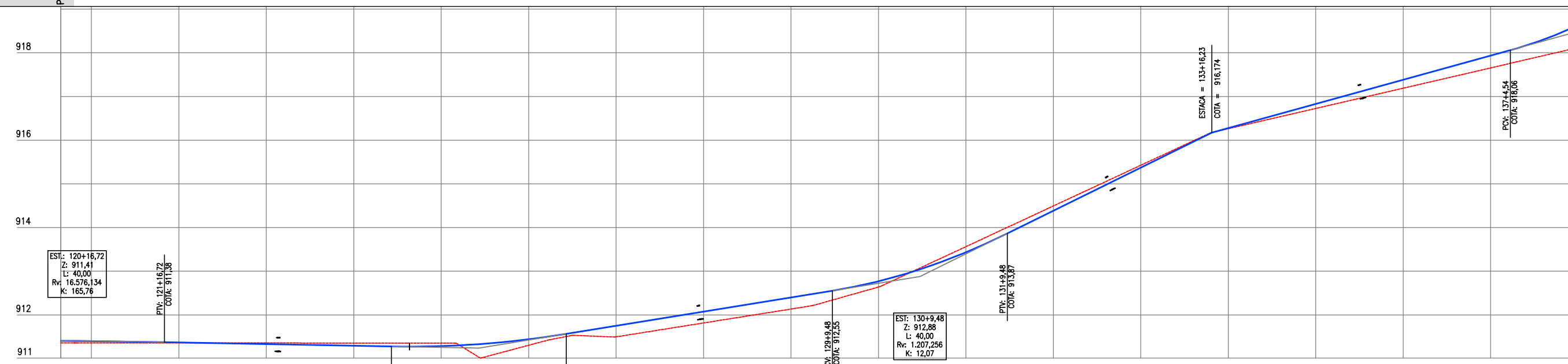
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

PRANCHA:
6 / 10

ESCALA:
 H 1/1000
 V 1/100



0 100 200
PRCHA - 7



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
120	911,360	911,404	0,044
121	911,359	911,399	0,040
122	911,358	911,370	0,012
123	911,357	911,333	-0,025
124	911,357	911,295	-0,062
125	911,356	911,287	-0,069
126	911,306	911,443	0,137
127	911,498	911,751	0,252
128	911,817	912,076	0,259
129	912,135	912,400	0,266
130	912,639	912,771	0,132
131	913,563	913,436	-0,127
132	914,495	914,396	-0,109
133	915,426	915,373	-0,053
134	916,262	916,279	0,017
135	916,726	916,831	0,105
136	917,190	917,383	0,193
137	17,655		
137	16,072		

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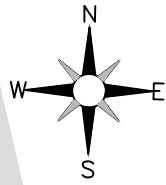
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



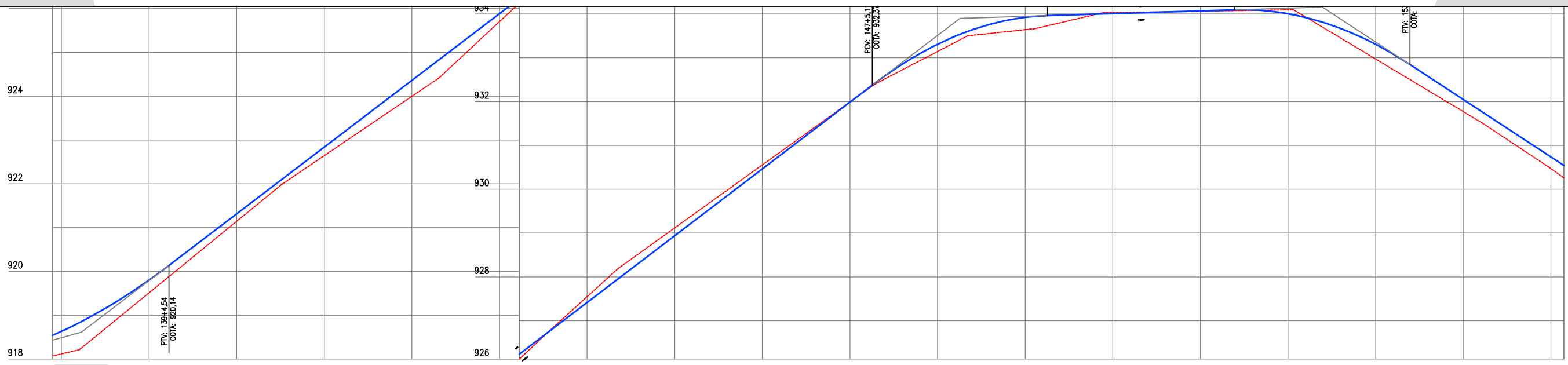
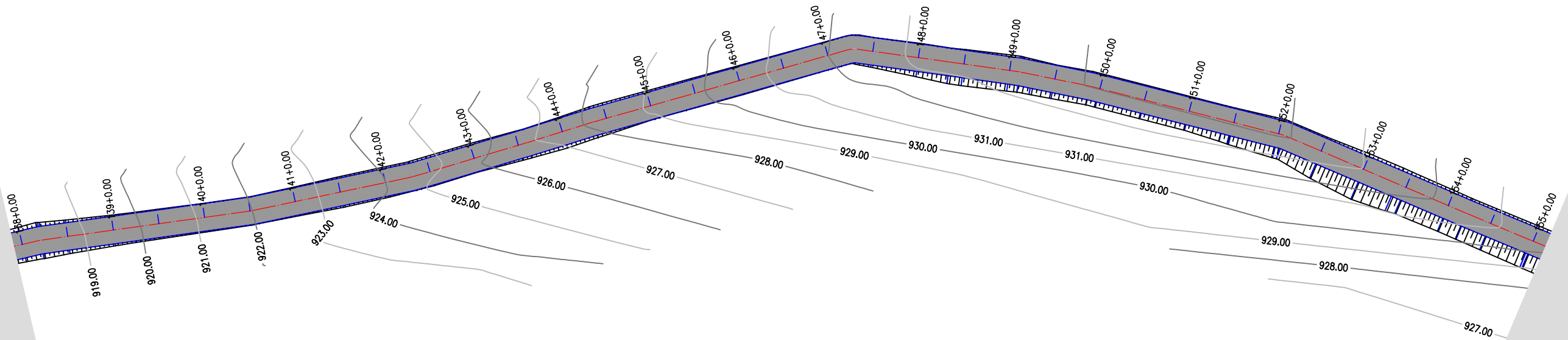
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

PRANCHA:
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ESCALA:
H 1/1000
V 1/100



0 1000 2000



Estaca	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	
Cota do terreno	918,072	918,119	919,513	921,146	922,645	925,998	925,704	927,547	928,118	930,555	931,992	933,143	933,641	934,032	934,063	934,094	932,972	31,772	30,472	30,257
Cota da terraplenagem	918,542	918,633	919,803	921,315	922,840	924,364	925,888	927,413	928,937	930,461	931,986	933,307	933,922	934,008	934,070	934,005	933,306			
Cota vermelha	0,470	0,514	0,291	0,169	0,195	0,366	0,184	-0,135	-0,181	-0,084	-0,006	0,164	0,280	-0,025	0,006	-0,089	0,334			

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

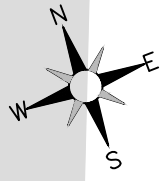


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

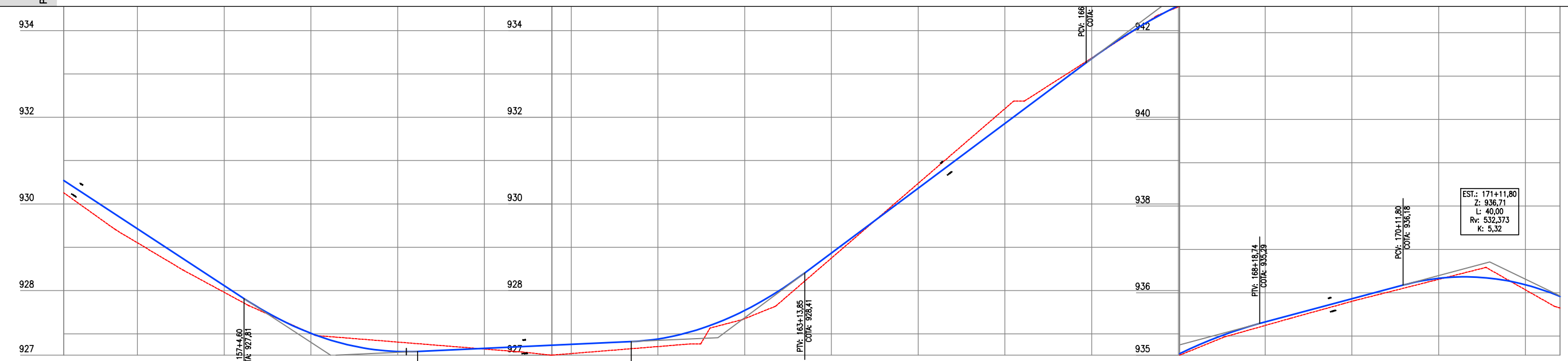
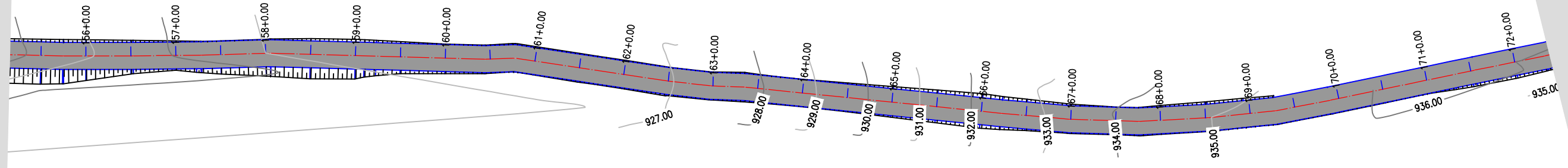
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

PRANCHA:
8 / 10

ESCALA:
 H 1/1000
 V 1/100



0 1000 2000
PRANCHA - 9



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,284	930,541	930,257	155
0,325	929,427	929,102	156
0,157	928,116	927,960	157
0,001	927,014	927,012	158
-0,218	926,593	926,811	159
0,016	926,667	926,651	160
0,212	926,756	926,546	161
0,175	926,683	926,706	162
0,189	927,541	927,352	163
0,119	926,666	926,749	164
-0,110	930,363	930,474	165
-0,340	931,859	932,198	166
-0,014	933,353	933,367	167
0,031	934,576	934,547	168
0,060	935,324	935,244	169
0,059	935,660	935,601	170
		36,309	171
		36,068	172
		35,646	172

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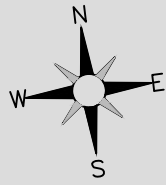
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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

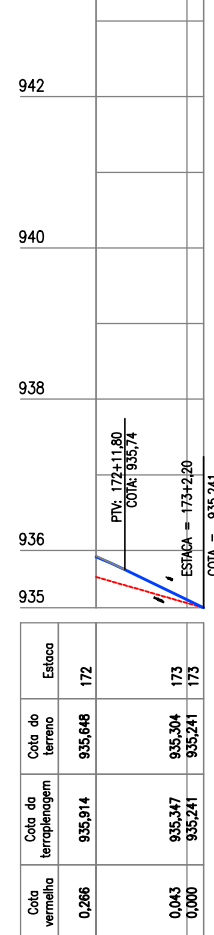
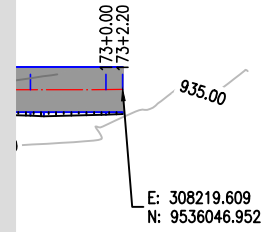
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG

PRANCHA:
9 / 10
ESCALA:
H 1/1000
V 1/100



0 1000 2000

NCHA - 10

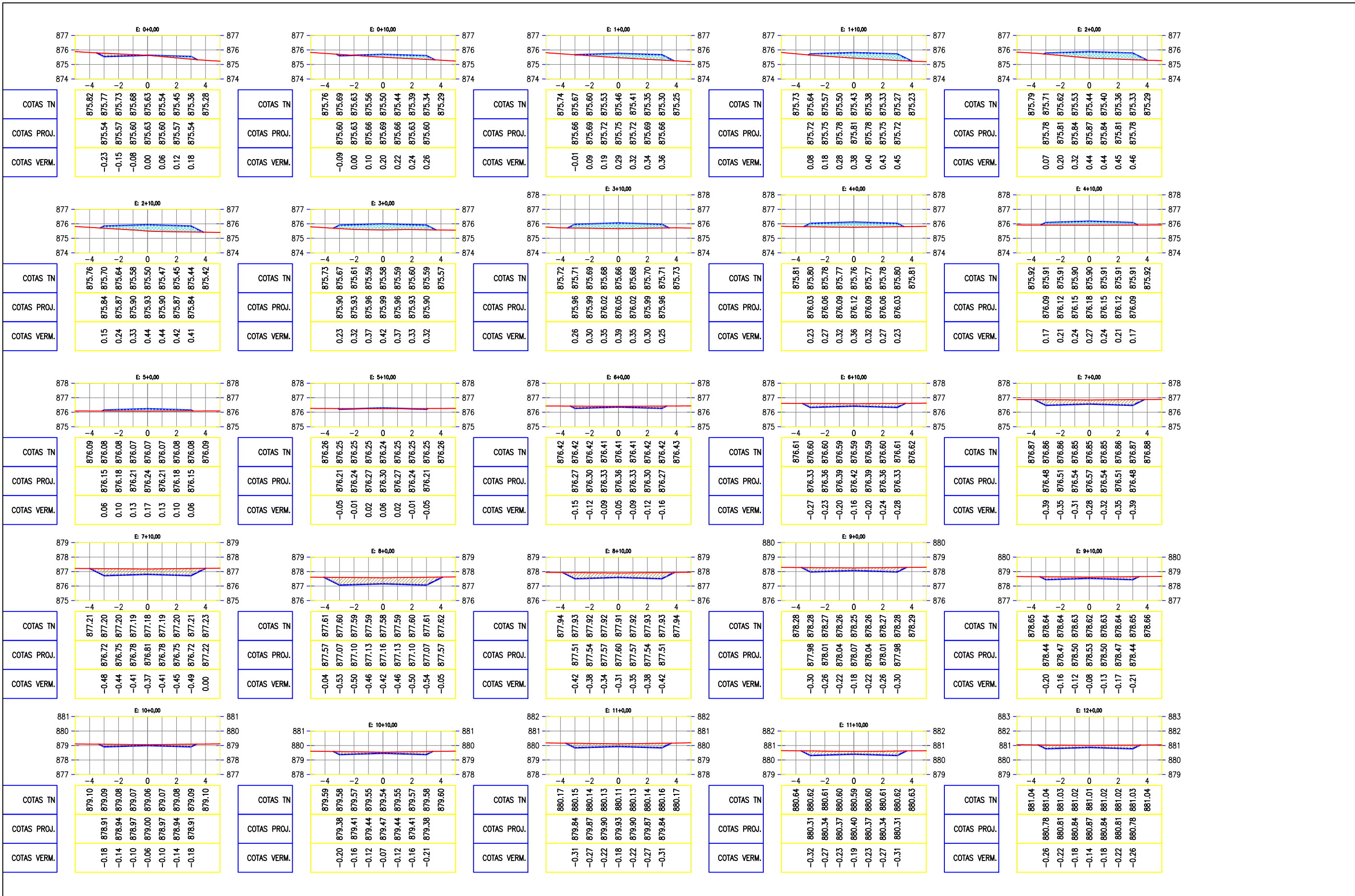


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- TERRENO NATURAL
- PROJETADO
- ESTRADA
- BORDO
- TALUDE
- ATERRO
- CORTE
- CURVAS DE NÍVEL



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: 10 / 10
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	ESCALA: H 1/1000 V 1/100
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - GEO_R2.DWG	



LEGENDA:

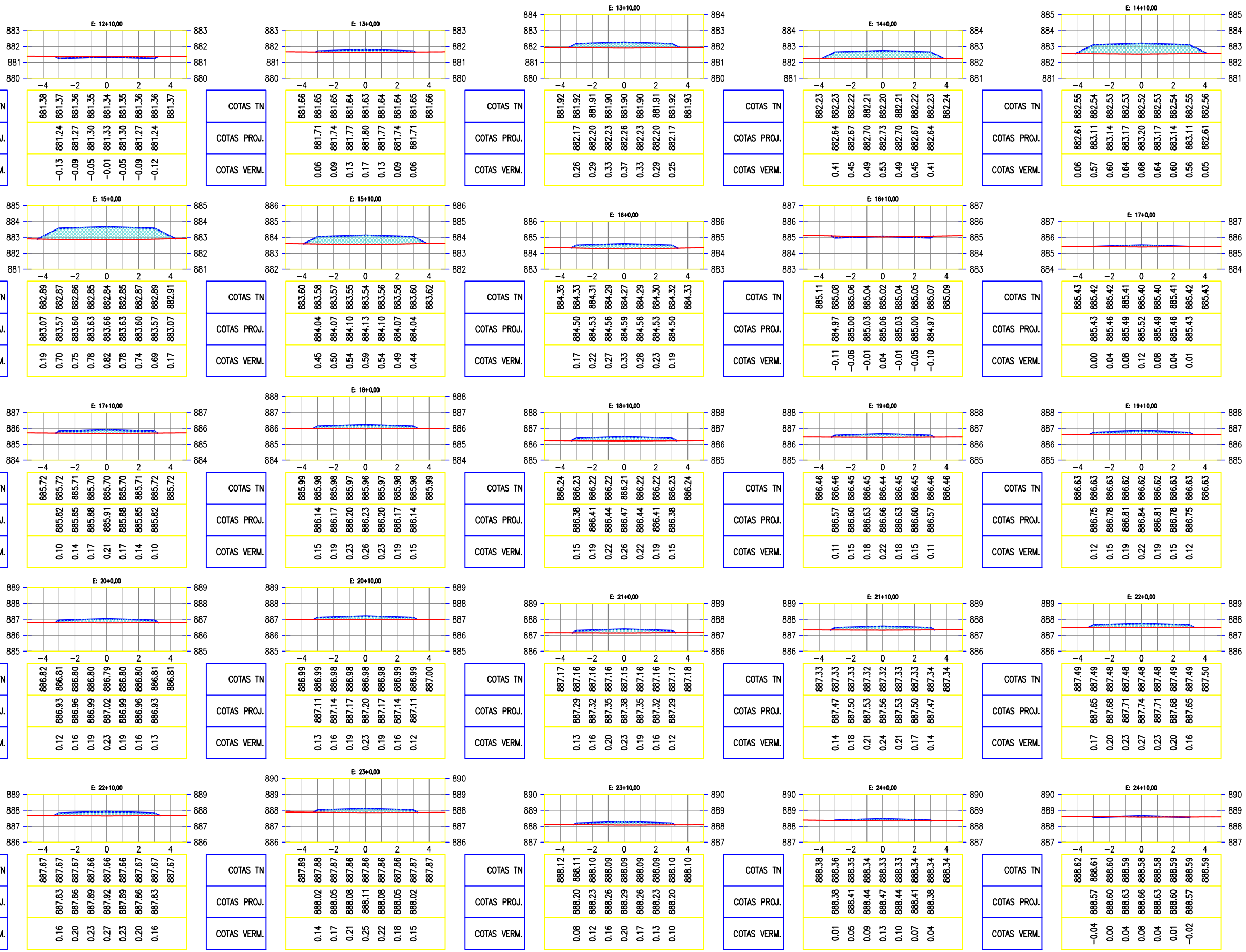
ATERRO

CORTE

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**JOTA BARROS
PROJETOS**

PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		PRANCHA: <div style="font-size: 2em; font-weight: bold; text-align: center;">1 / 15</div>
SEÇÕES TRANSVERSAIS		ESCALA: <div style="font-size: 1.5em; font-weight: bold; text-align: center;">1/250</div>
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG	



LEGENDA:

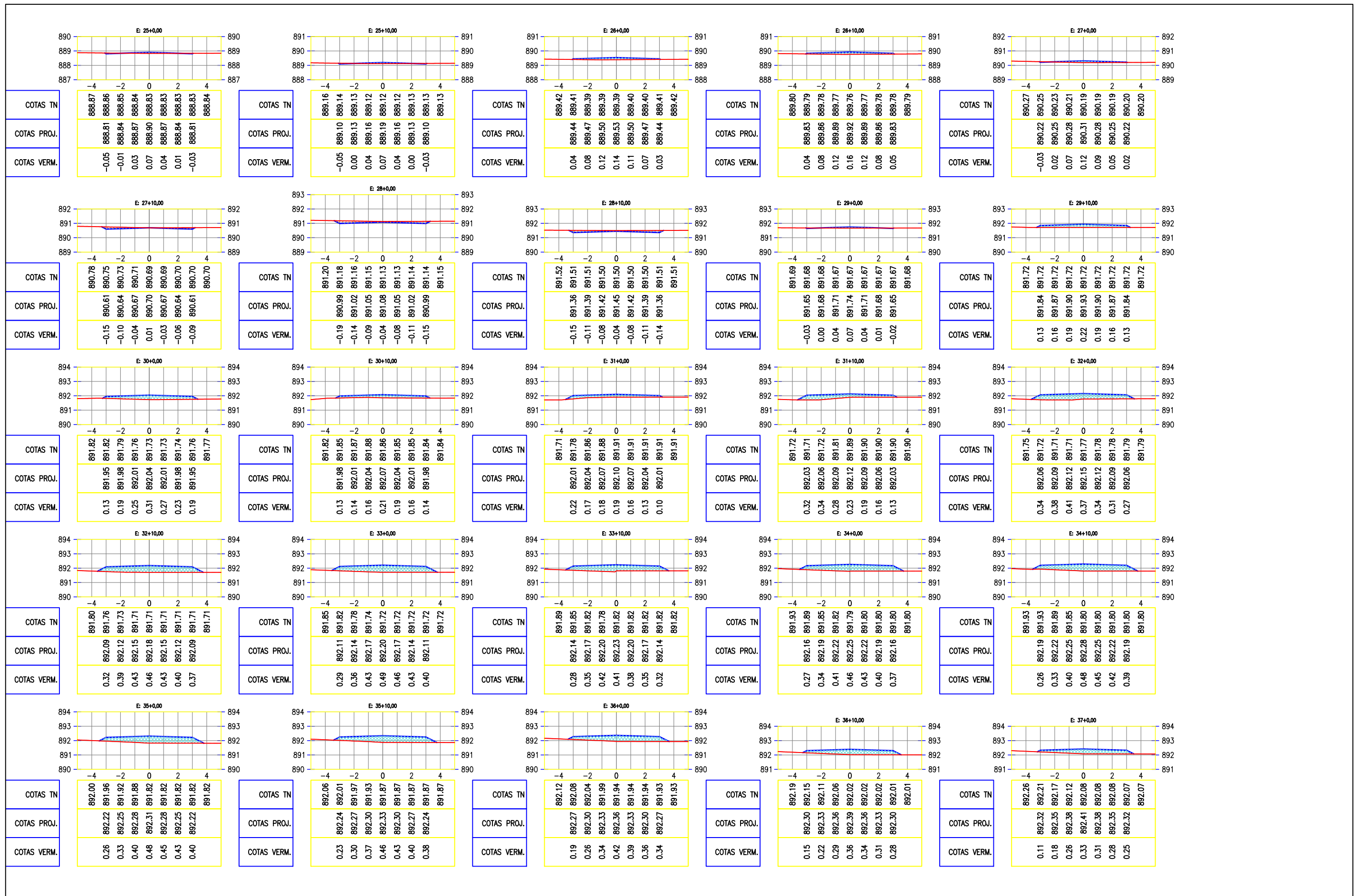


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG

PRANCHA:	2 / 15
ESCALA:	1/250



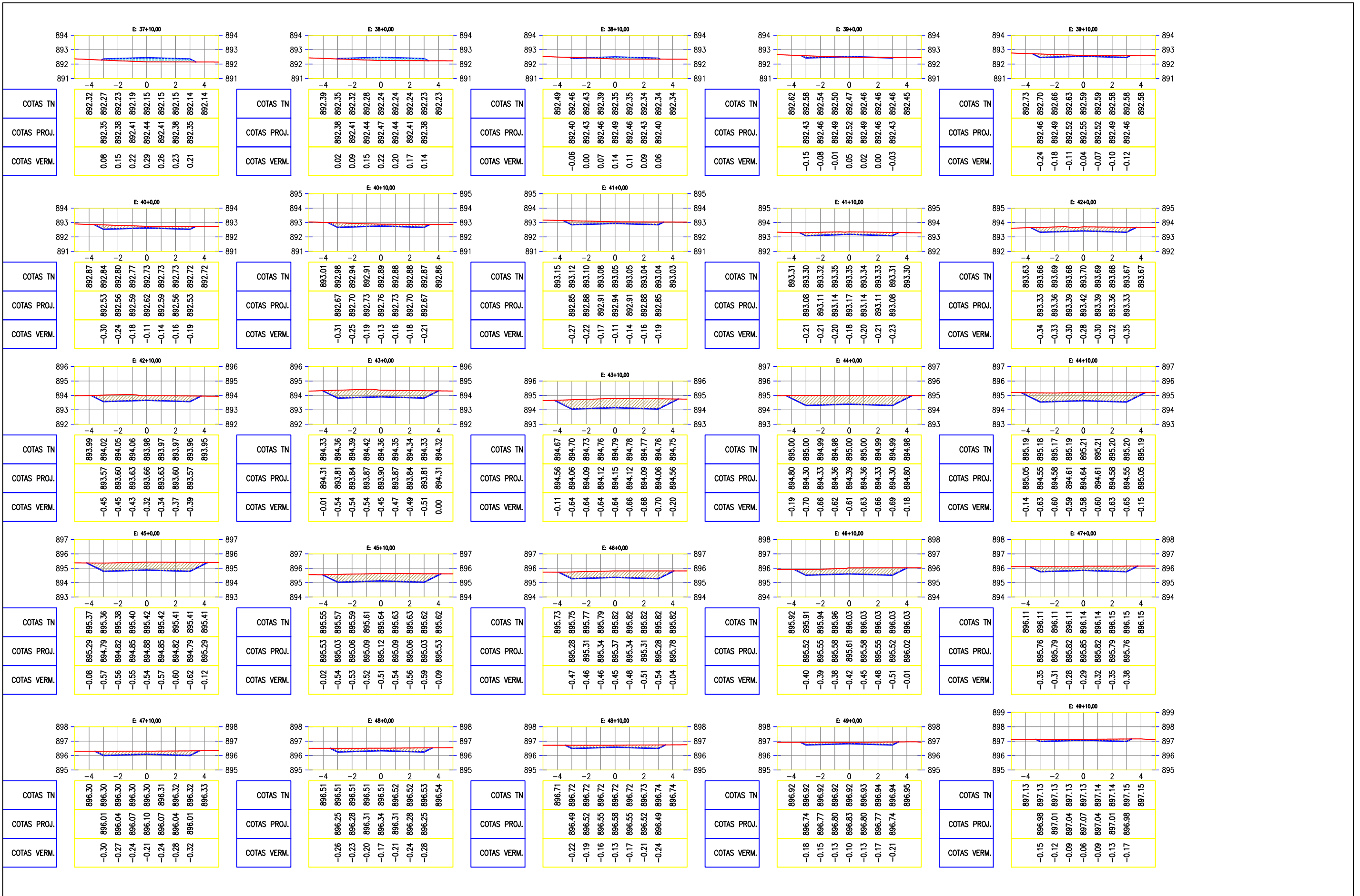
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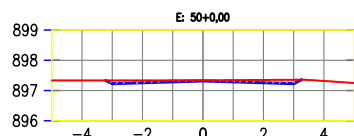
JOTA BARROS
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 Engº Civil - CREA 53900D - CE



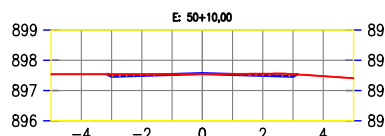
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: 3 / 15
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG	



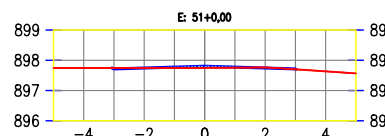
<p>LEGENDA:</p> <p>ATERRO</p> <p>CORTE</p>	<p>JOTA BARROS PROJETOS Arthur Moreira Torquato Eng^a Civil - CREA 53900D - CE</p>		<p>PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE</p> <p>RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03</p> <p>SEÇÕES TRANSVERSAIS</p>		<p>PRANCHA:</p> <p style="font-size: 2em;">4 / 15</p>
	<p>PROJETISTA:</p> <p>ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE</p>	<p>ARQUIVO:</p> <p>RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG</p>		<p>ESCALA:</p> <p>1/250</p>	



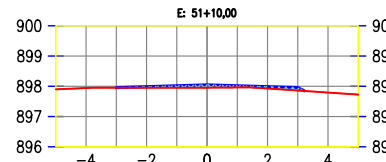
COTAS TN	897.33	897.33	897.33	897.33	897.33	897.31
COTAS PROJ.	897.22	897.25	897.33	897.33	897.34	897.35
COTAS VERM.	-0.11	-0.08	-0.05	-0.02	-0.06	-0.13



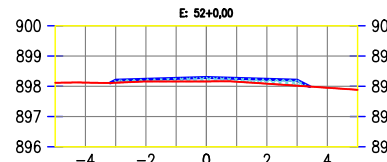
COTAS TN	897.54	897.54	897.54	897.54	897.55	897.54
COTAS PROJ.	897.47	897.50	897.54	897.54	897.56	897.54
COTAS VERM.	-0.07	-0.04	-0.01	0.02	-0.02	-0.07



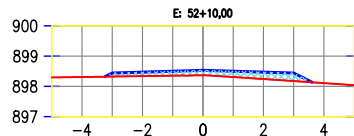
COTAS TN	897.74	897.75	897.75	897.75	897.76	897.70
COTAS PROJ.	897.71	897.74	897.77	897.77	897.74	897.71
COTAS VERM.	-0.03	0.00	0.03	0.05	-0.02	0.01



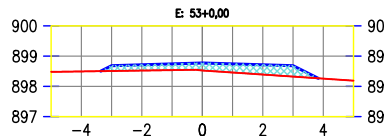
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COTAS PROJ.	897.95	897.98	898.01	898.04	898.01	897.98
COTAS VERM.	0.00	0.03	0.06	0.09	-0.06	0.06



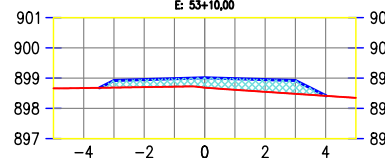
COTAS TN	898.12	898.12	898.16	898.16	898.15	898.02
COTAS PROJ.	898.20	898.23	898.26	898.26	898.23	898.20
COTAS VERM.	0.08	0.07	0.10	0.13	-0.11	0.18



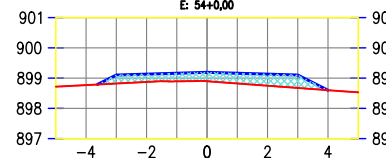
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COTAS PROJ.	898.44	898.47	898.50	898.53	898.50	898.44
COTAS VERM.	0.12	0.13	0.15	0.17	-0.19	0.27



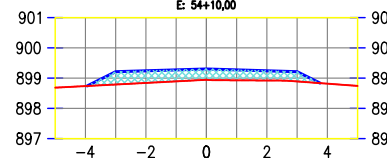
COTAS TN	898.49	898.51	898.52	898.52	898.46	898.26
COTAS PROJ.	898.69	898.72	898.75	898.78	898.75	898.69
COTAS VERM.	0.18	0.19	0.21	0.25	-0.29	0.36



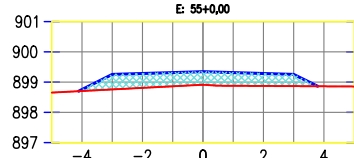
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COTAS PROJ.	898.92	898.95	898.98	899.01	898.98	898.92
COTAS VERM.	0.23	0.25	0.26	0.33	-0.37	0.44



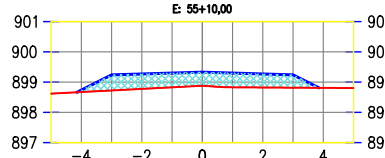
COTAS TN	898.77	898.82	898.87	898.89	898.90	898.82
COTAS PROJ.	899.10	899.13	899.16	899.19	899.16	899.13
COTAS VERM.	0.28	0.26	0.27	0.29	-0.34	0.38



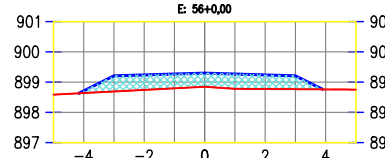
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COTAS PROJ.	899.21	899.24	899.27	899.30	899.27	899.24
COTAS VERM.	0.42	0.40	0.38	0.36	-0.34	0.32



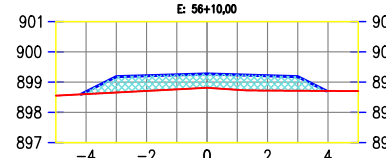
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COTAS PROJ.	899.26	899.29	899.32	899.35	899.32	899.26
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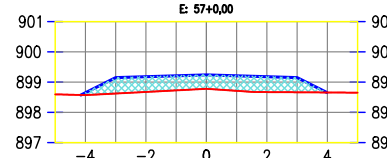
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COTAS PROJ.	899.24	899.27	899.30	899.33	899.30	899.24
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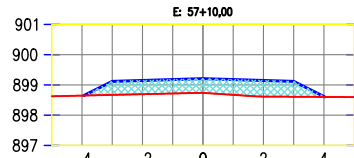
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COTAS PROJ.	899.21	899.24	899.27	899.30	899.27	899.21
COTAS VERM.	0.07	0.52	0.50	0.47	-0.49	0.44



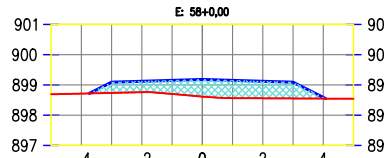
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COTAS PROJ.	899.18	899.21	899.24	899.27	899.24	899.18
COTAS VERM.	0.08	0.52	0.50	0.48	-0.49	0.47



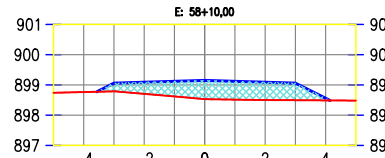
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COTAS PROJ.	899.15	899.18	899.21	899.24	899.21	899.15
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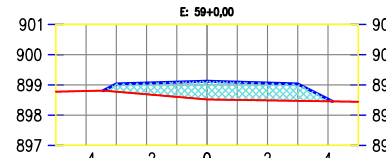
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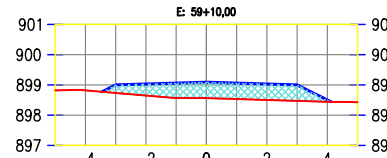
COTAS TN	898.71	898.74	898.76	898.70	898.61	898.55
COTAS PROJ.	899.09	899.12	899.15	899.18	899.15	899.09
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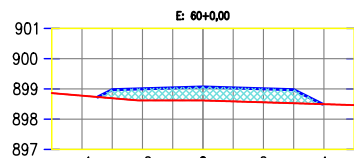
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COTAS PROJ.	899.06	899.09	899.12	899.15	899.12	899.06
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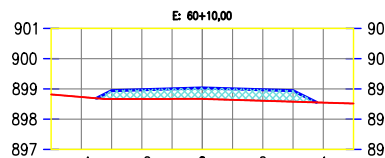
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COTAS VERM.	0.25	0.37	0.48	0.60	-0.59	0.07



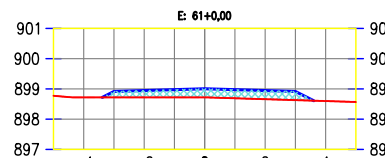
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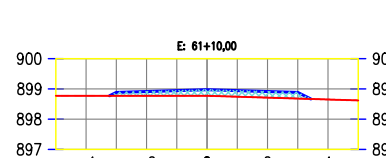
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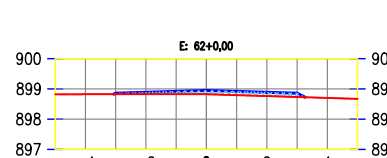
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COTAS VERM.	0.28	0.30	0.33	0.36	-0.37	0.37



COTAS TN	898.72	898.72	898.72	898.69	898.66	898.60
COTAS PROJ.	899.01	899.04	899.00	899.07	899.04	898.91
COTAS VERM.	0.19	0.22	0.25	0.28	-0.28	0.28



COTAS TN	898.77	898.77	898.77	898.74	898.71	898.65
COTAS PROJ.	899.08	899.09	899.09	899.04	899.01	898.88
COTAS VERM.	0.11	0.14	0.17	0.20	-0.20	0.20



COTAS TN	898.82	898.82	898.82	898.82	898.79	898.70
COTAS PROJ.	899.05	899.08	899.09	899.09	899.06	898.91
COTAS VERM.	0.03	0.06	0.09	0.12	-0.12	0.12

LEGENDA:

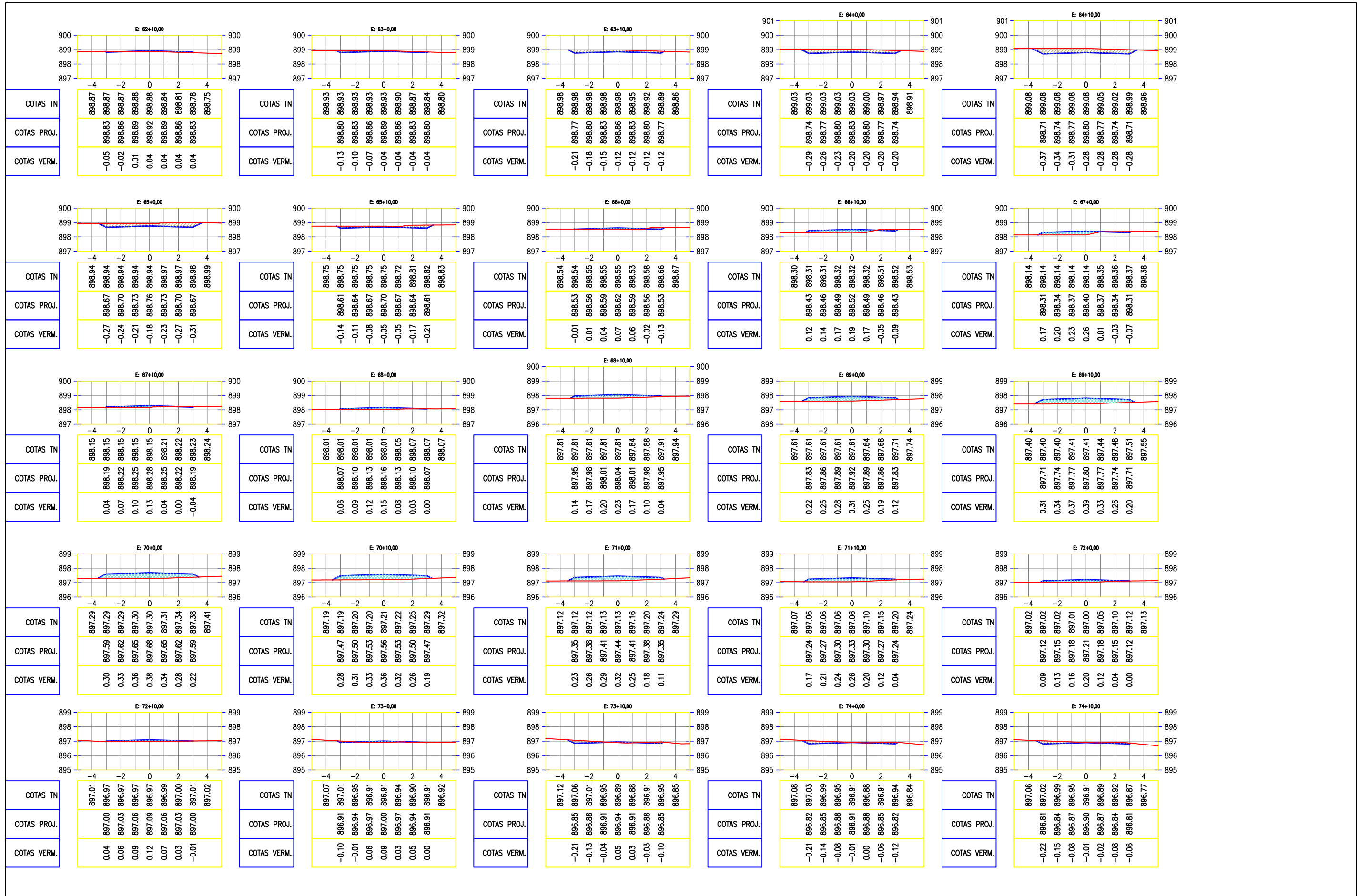


JOTA BARROS PROJETOS
Arthur Moreira Torquato
Engº Civil - CREA 53900D - CE



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:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG

PRANCHA:	5 / 15
ESCALA:	1/250



LEGENDA:

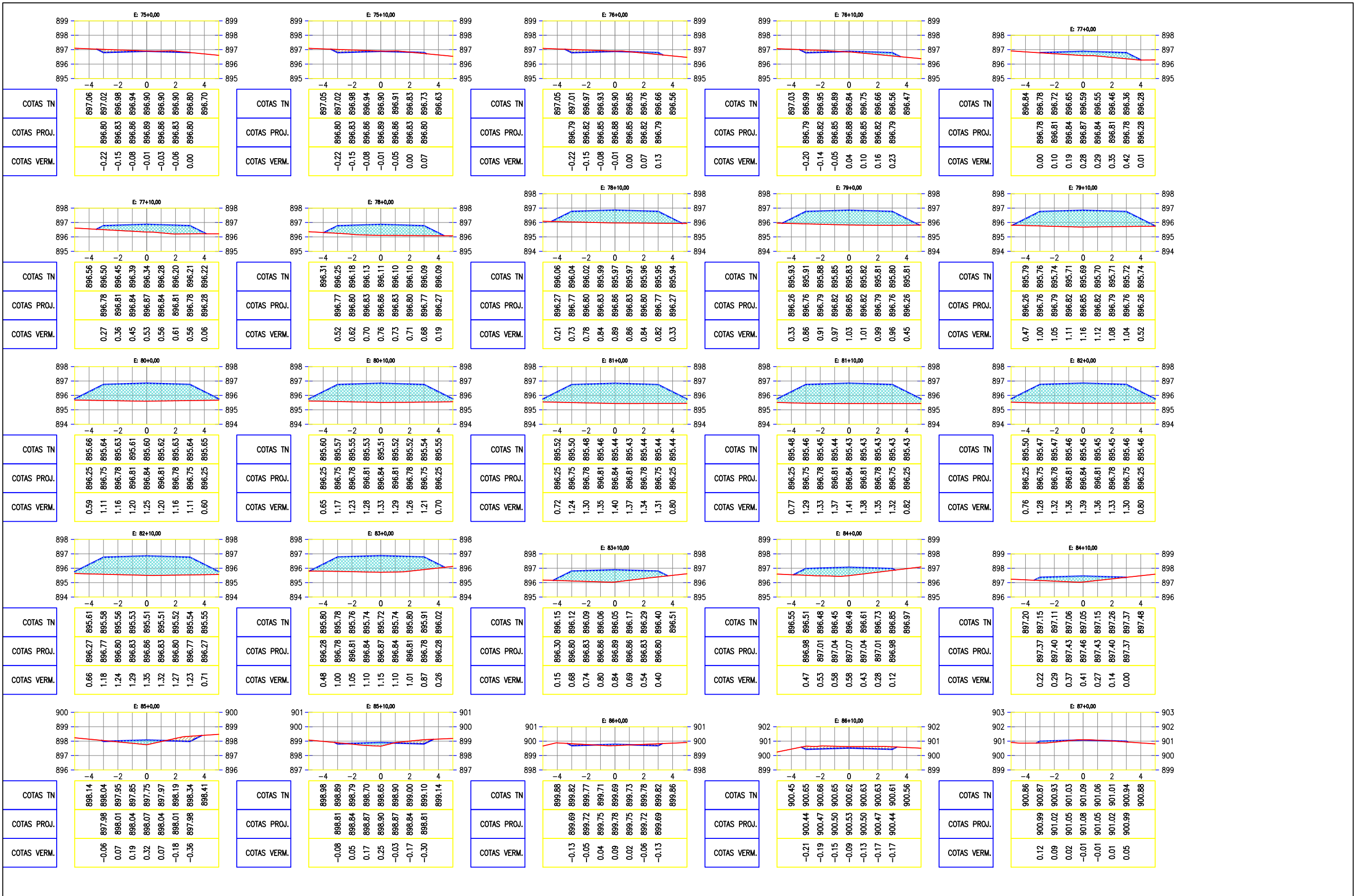
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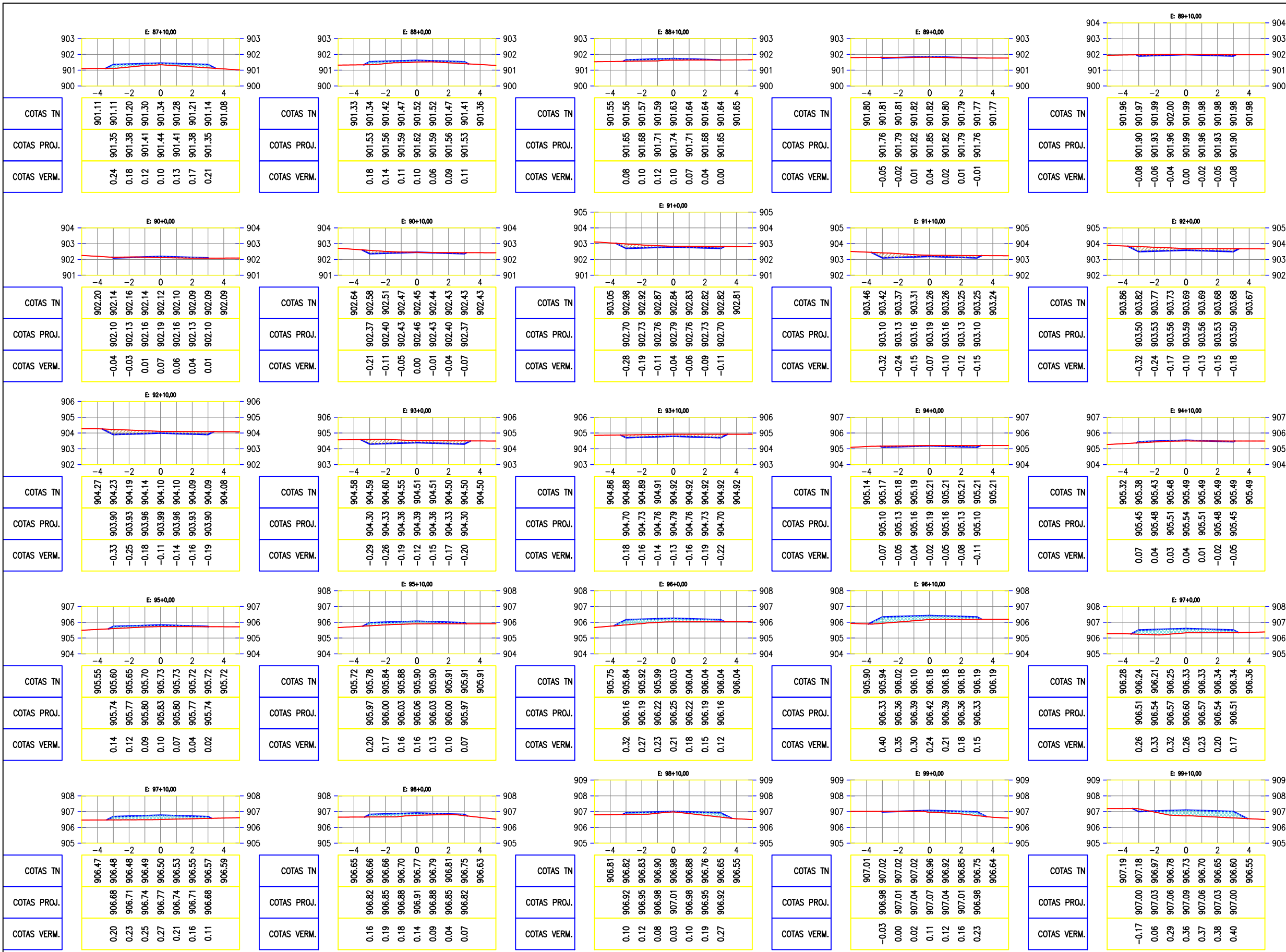
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 SEÇÕES TRANSVERSAIS		PRANCHA: 6 / 15
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG	



LEGENDA: ATERRO CORTE	 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	PRANCHA:
	 JOTA BARROS PROJETOS	PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE ARQUIVO: RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG	7 / 15



LEGENDA:

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	CORTE


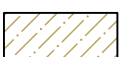
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		8 / 15
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG	



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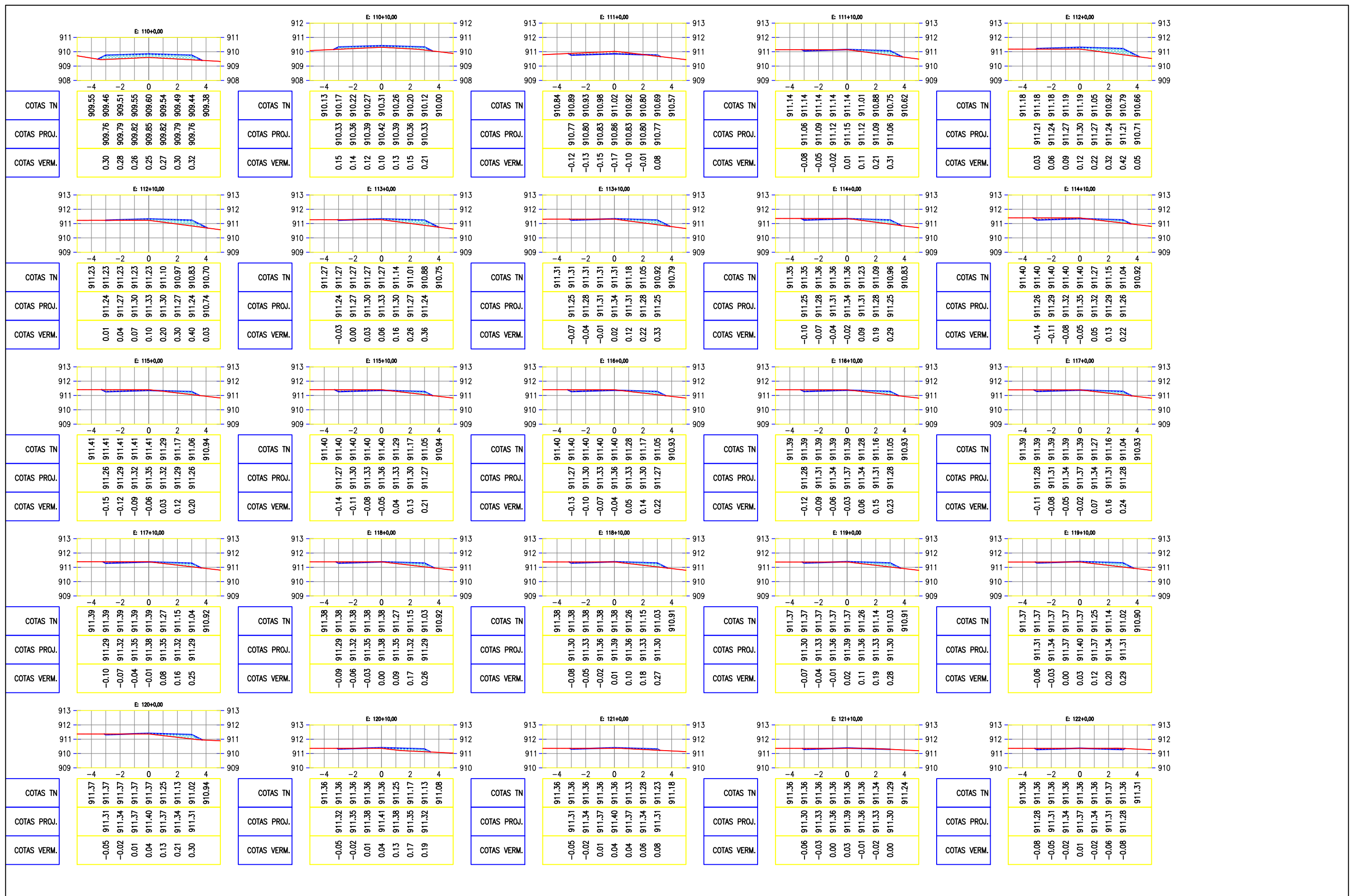
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG

PRANCHA:	9 / 15
ESCALA:	1/250



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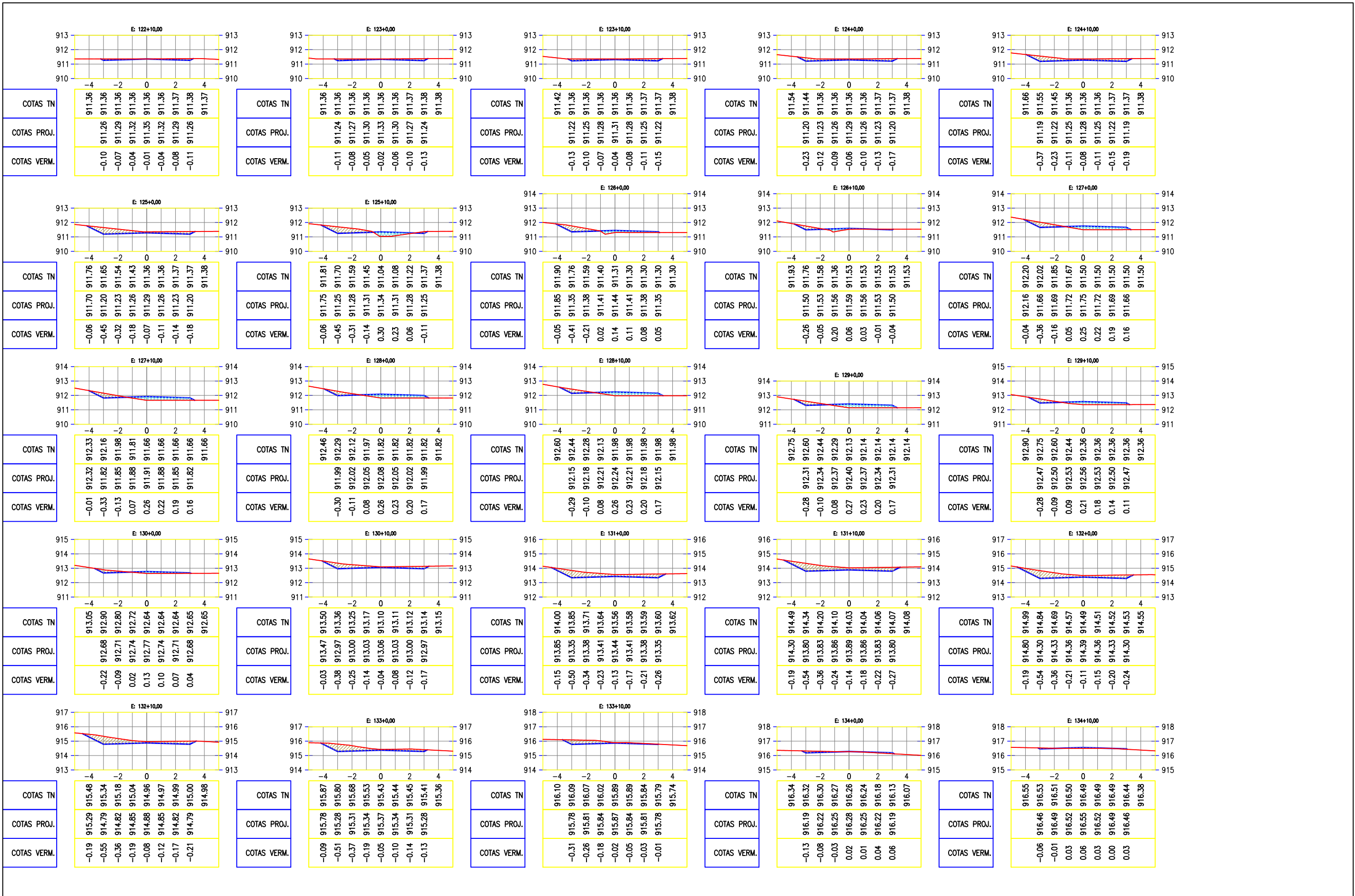


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG


PRANCHA:	10 / 15
ESCALA:	1/250



LEGENDA:

 ATERRO

 CORTE


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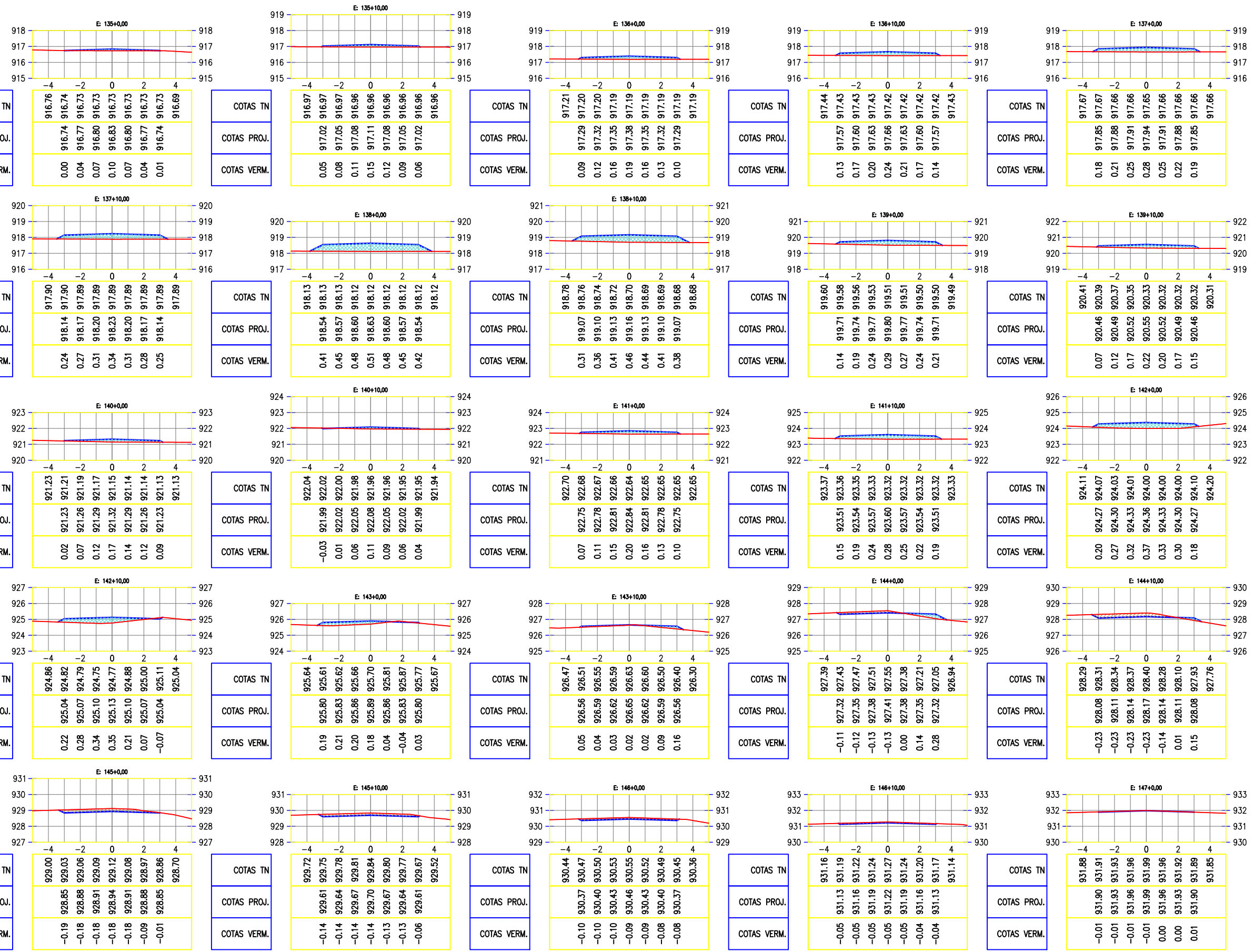


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
SEÇÕES TRANSVERSAIS

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG

PRANCHA:
11 / 15

ESCALA:
 1/250



LEGENDA:

	ATERRO
	CORTE

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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:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG

PRANCHA:	12 / 15
ESCALA:	1/250



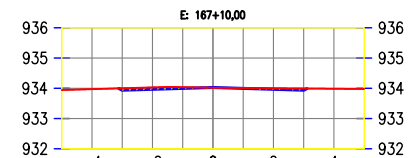
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- ATERRO
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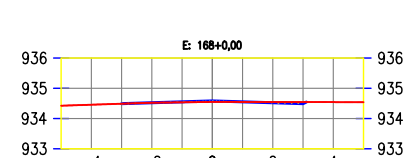
JOTA BARROS PROJETOS
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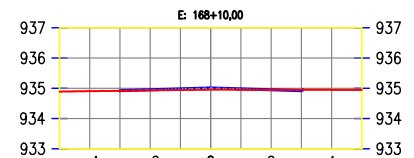
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: 14 / 15
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG	



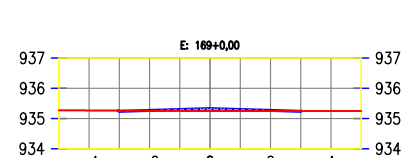
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COTAS PROJ.	933.94	933.97	934.00	934.04	934.03	934.00	933.97	933.94	933.98
COTAS VERM.	-0.06	-0.06	-0.04	0.01	-0.01	-0.03	-0.06	-0.06	-0.03



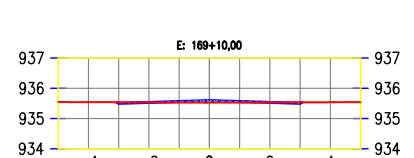
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COTAS PROJ.	934.49	934.52	934.55	934.58	934.55	934.52	934.49	934.54	934.54
COTAS VERM.	0.00	0.00	0.01	0.03	0.00	-0.03	-0.05	0.00	0.00



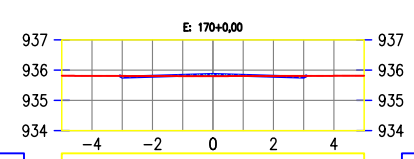
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COTAS VERM.	0.01	0.02	0.04	0.06	0.03	0.00	-0.03	0.00	0.00



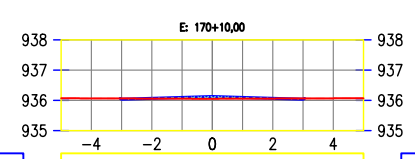
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COTAS PROJ.	935.23	935.26	935.29	935.32	935.29	935.24	935.26	935.23	935.25
COTAS VERM.	-0.03	0.01	0.04	0.08	0.05	0.02	-0.01	0.00	0.00



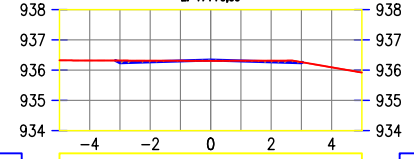
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COTAS PROJ.	935.50	935.53	935.56	935.59	935.56	935.53	935.50	935.53	935.54
COTAS VERM.	-0.03	0.00	0.03	0.07	0.03	0.00	-0.03	0.00	0.00



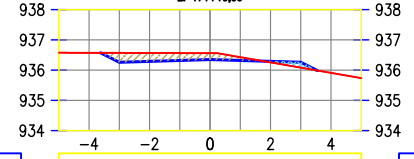
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COTAS VERM.	-0.04	-0.01	0.03	0.06	0.03	-0.01	-0.04	0.00	0.00



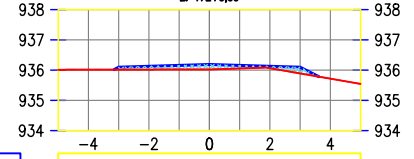
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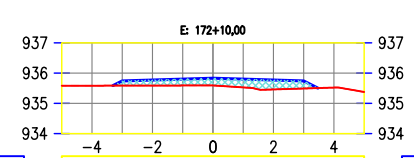
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COTAS PROJ.	936.24	936.27	936.30	936.33	936.30	936.27	936.24	936.09	936.09
COTAS VERM.	-0.07	-0.04	-0.01	0.02	-0.01	-0.04	-0.02	0.00	0.00



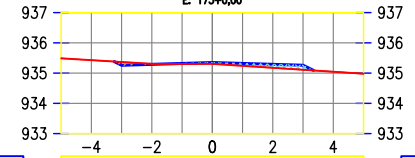
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COTAS PROJ.	936.26	936.29	936.32	936.35	936.32	936.26	936.08	935.91	935.91
COTAS VERM.	-0.31	-0.28	-0.24	-0.21	-0.11	0.04	0.18	0.00	0.00



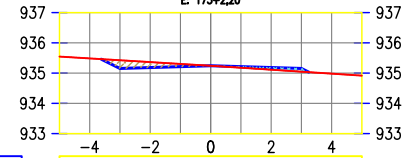
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COTAS PROJ.	936.09	936.12	936.15	936.18	936.15	936.06	936.06	935.89	935.72
COTAS VERM.	0.08	0.10	0.13	0.16	0.10	0.06	0.00	0.00	0.00



COTAS TN	935.58	935.58	935.59	935.59	935.53	935.46	935.49	935.52	935.52
COTAS PROJ.	935.74	935.77	935.80	935.83	935.80	935.77	935.74	935.52	935.52
COTAS VERM.	0.15	0.18	0.21	0.24	0.27	0.31	0.25	0.00	0.00




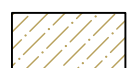
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COTAS PROJ.	935.26	935.29	935.32	935.35	935.32	935.29	935.26	935.11	935.04
COTAS VERM.	-0.11	-0.02	0.02	0.04	0.08	0.11	0.15	0.00	0.00



COTAS TN	935.48	935.42	935.36	935.30	935.24	935.18	935.11	935.05	934.98
COTAS PROJ.	935.15	935.18	935.21	935.24	935.21	935.18	935.15	935.05	934.98
COTAS VERM.	-0.27	-0.18	-0.09	0.00	0.04	0.07	0.11	0.00	0.00

LEGENDA:

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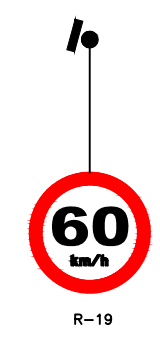
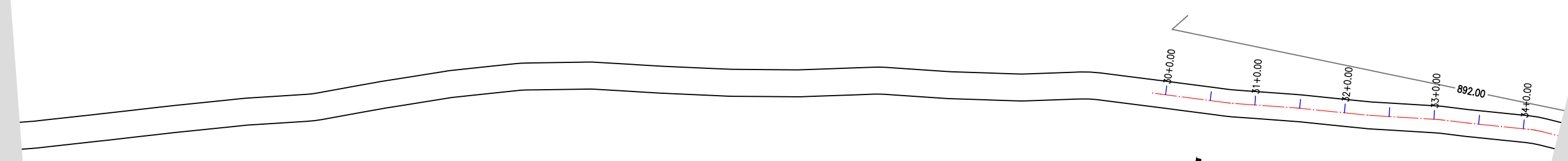
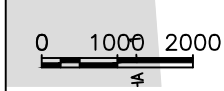
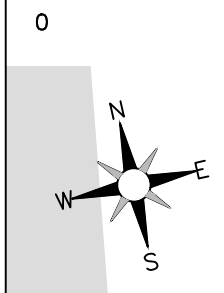
 CORTE

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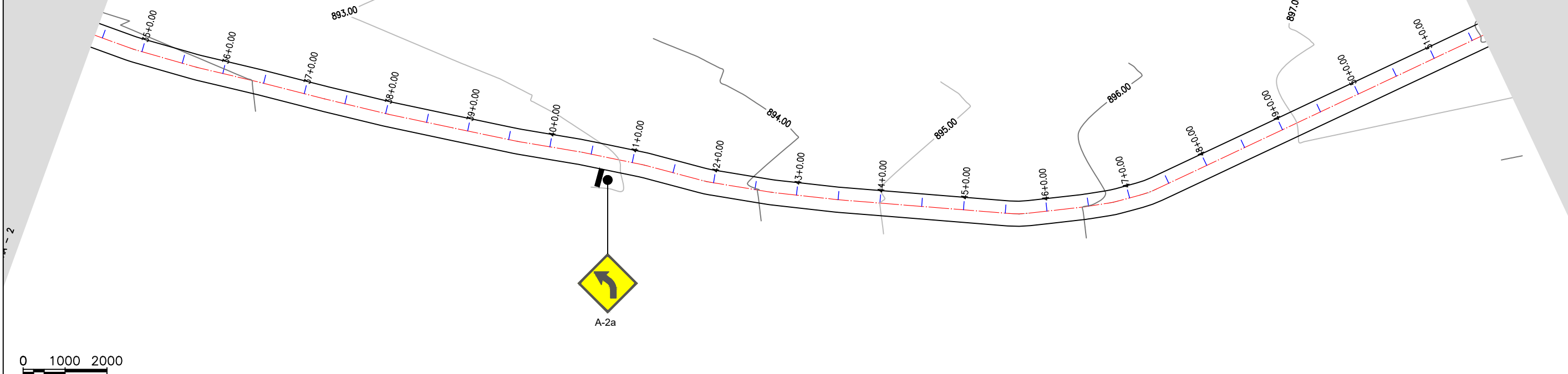
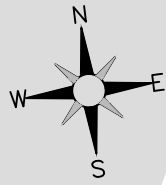
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	RAMAL CRUZ DAS ALMAS-SEÇÕES.DWG

PRANCHA:	15 / 15
ESCALA:	1/250

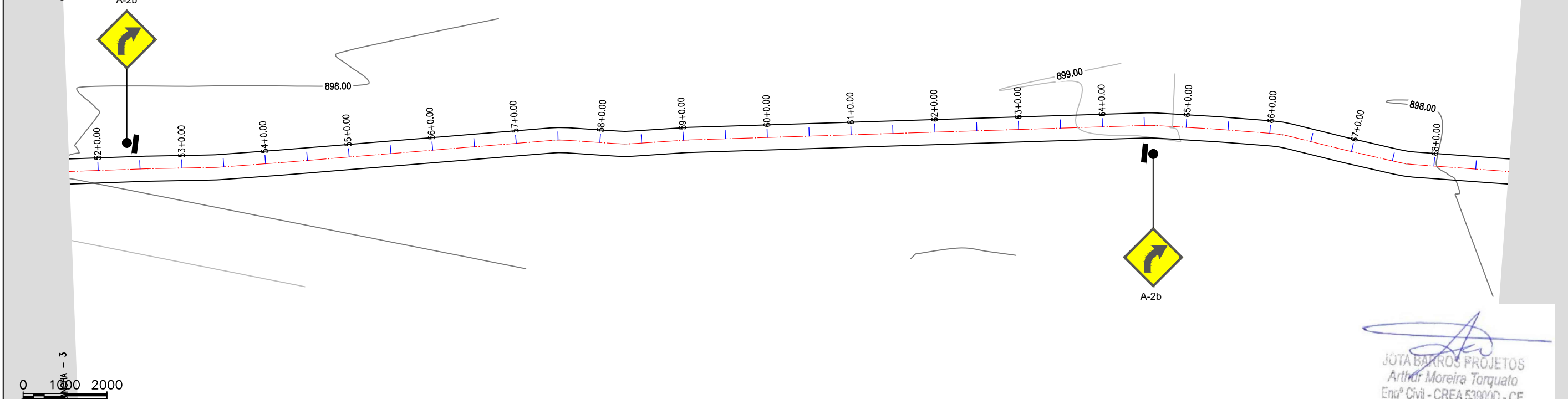
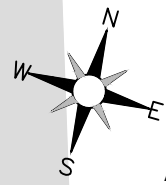


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	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
	RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		1 / 07
	SINALIZAÇÃO VIÁRIA		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE		1/1000
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - SIN.DWG		



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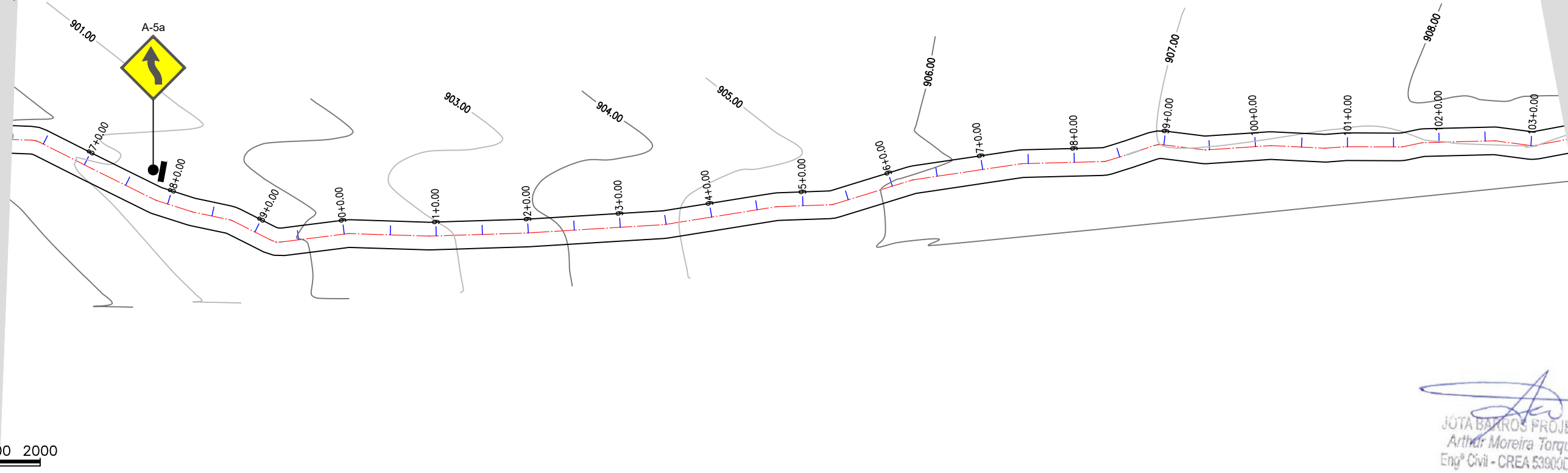
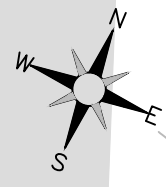
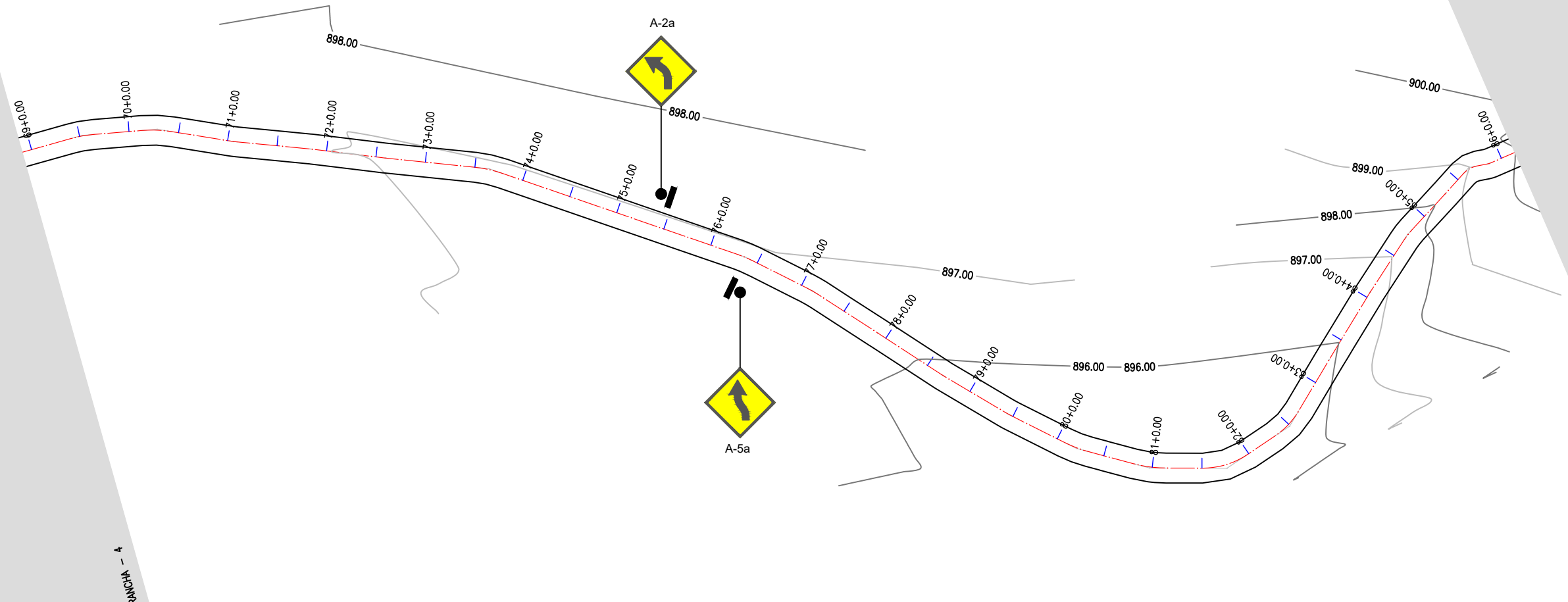
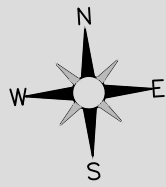
PRANCHA - 4


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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	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - SIN.DWG

PRANCHA:	2 / 07
ESCALA:	1/1000

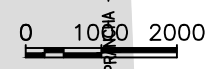
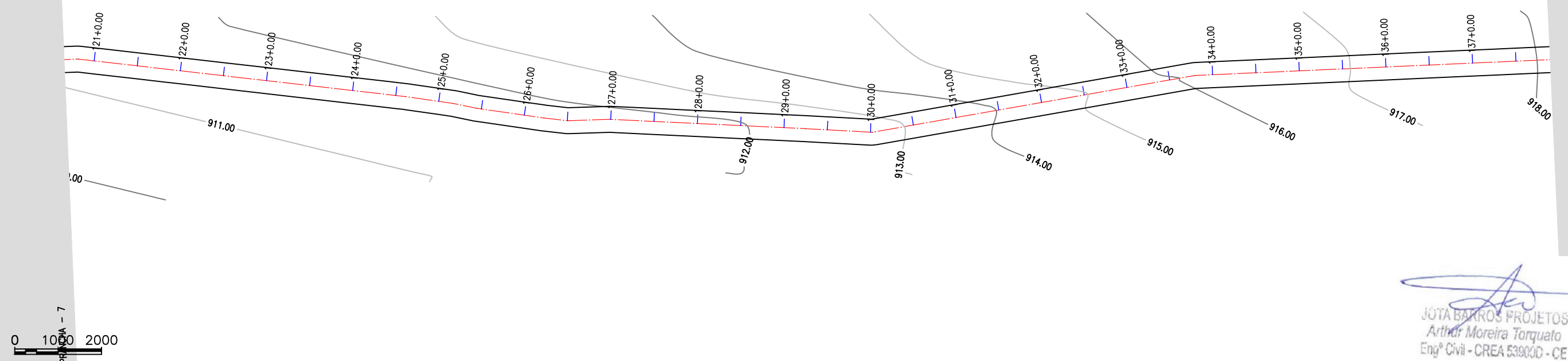
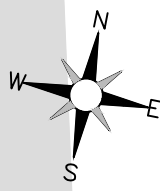
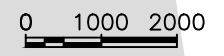
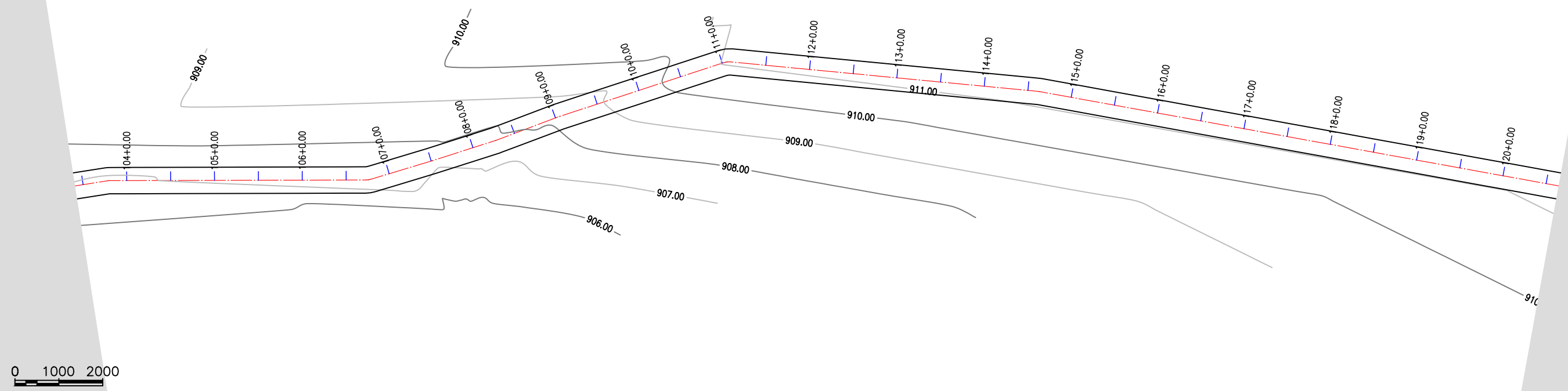
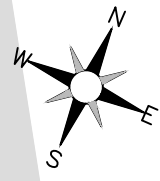



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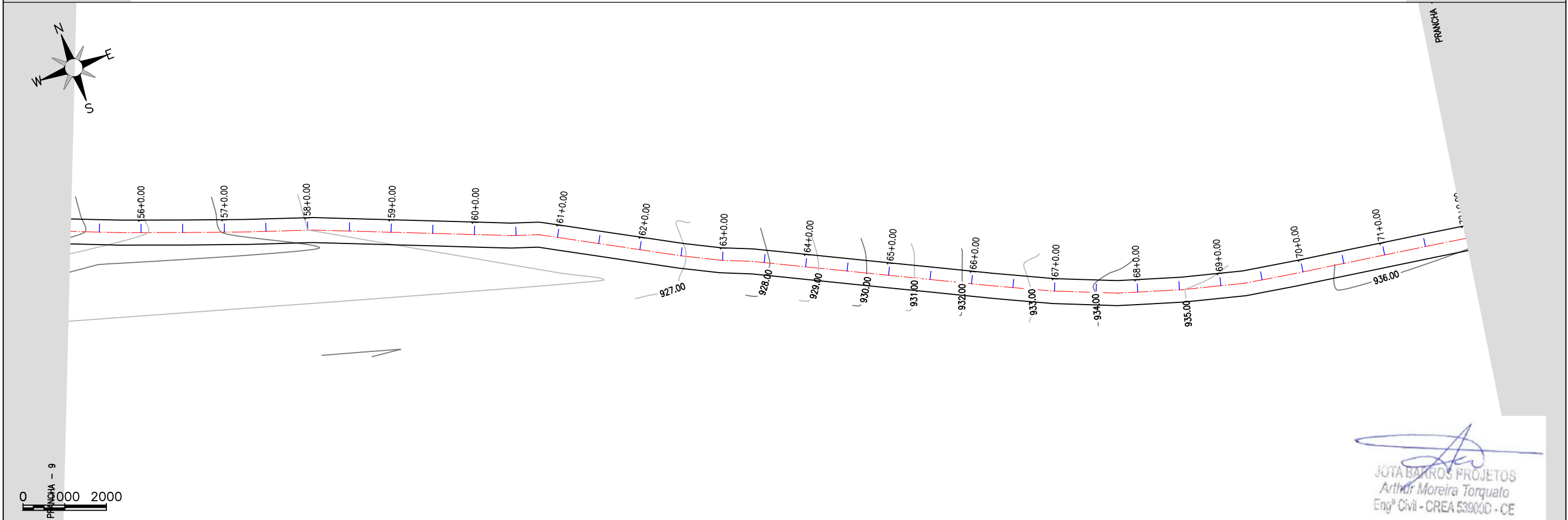
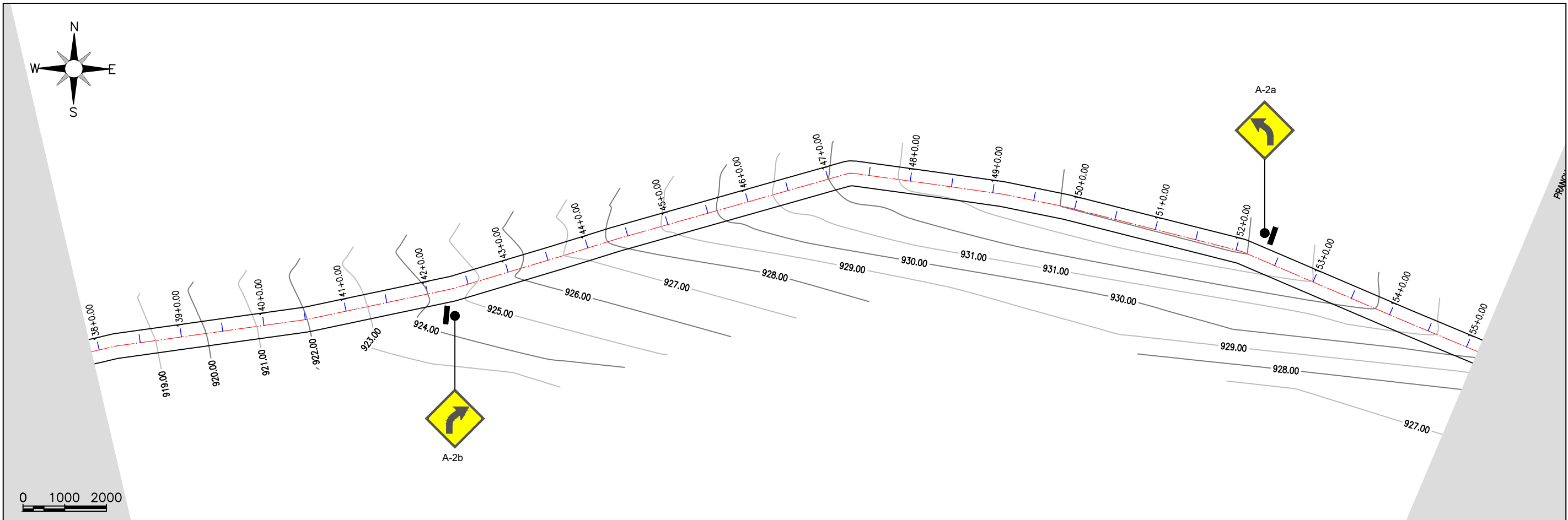
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
SINALIZAÇÃO VIÁRIA		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - SIN.DWG	1/1000

PRANCHA:
3 / 07
 ESCALA:
 1/1000




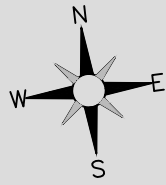

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 JOTA BARROS PROJETOS	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		PRANCHA: 4 / 07
	SINALIZAÇÃO VIÁRIA		ESCALA: 1/1000
	PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - SIN.DWG		



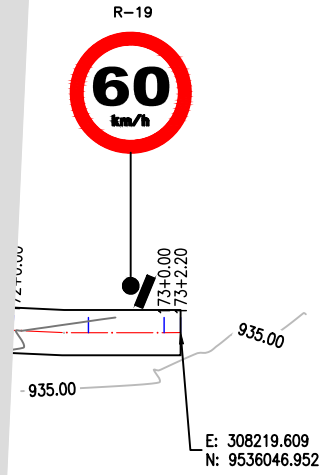

 JOTA BARROS PROJETOS
 Arthur Moreira Torquato
 Engº Civil - CREA 53900D - CE

	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		PRANCHA:
	SINALIZAÇÃO VIÁRIA		5 / 07
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE		ESCALA:
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - SIN.DWG		1/1000



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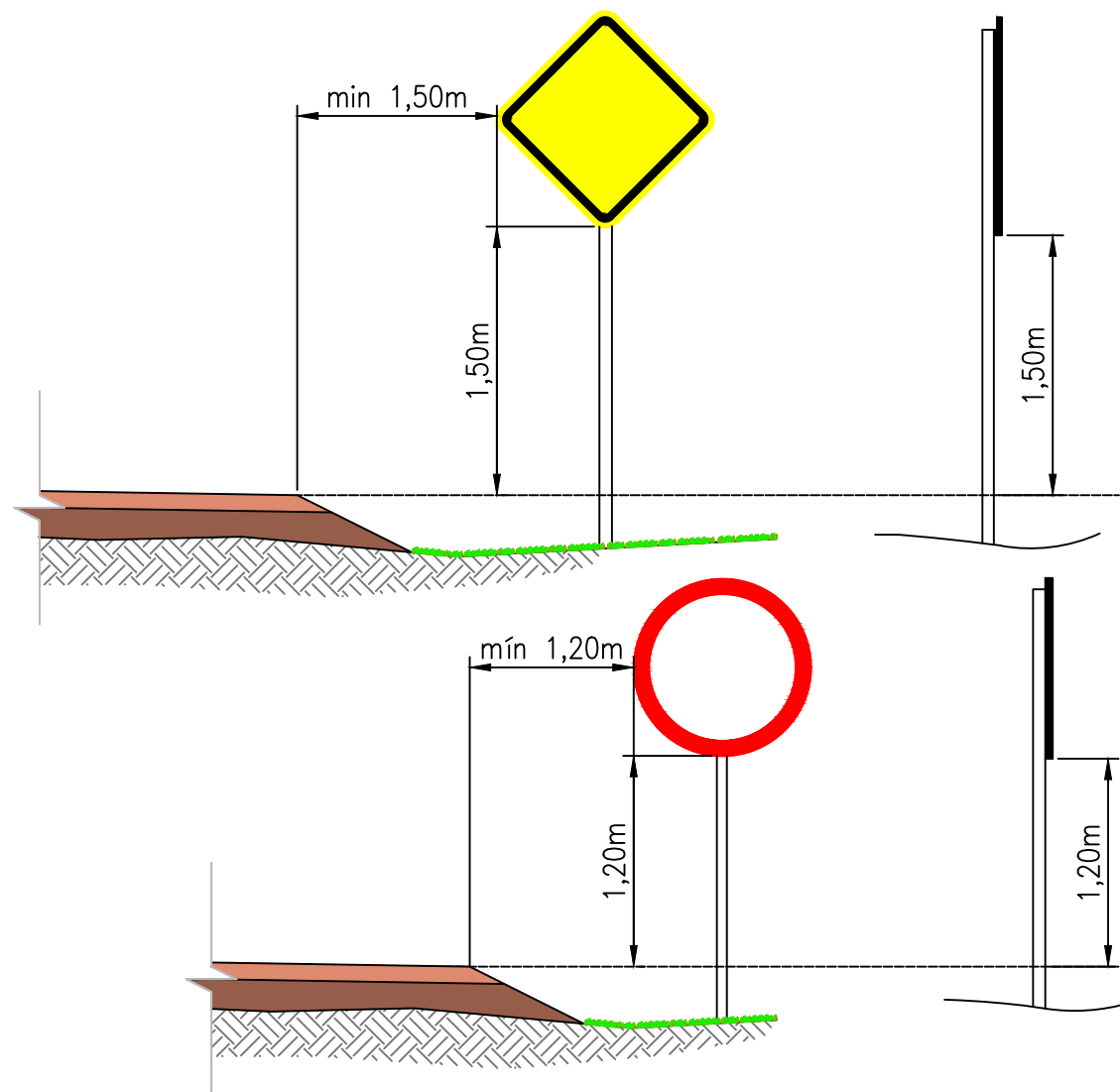
MOCHA - 10



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

	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
	RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		6 / 07
	SINALIZAÇÃO VIÁRIA		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE		1/1000
ARQUIVO:	04- RAMAL CRUZ DAS ALMAS - SIN.DWG		

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	- Preta
		Verso	- Preto

PLACAS DE ADVERTÊNCIA

PLACAS	CÓDIGO	DIMENSÕES (m)	QUANTIDADE (un)
	A - 2a	0,80x0,80	03
	A - 2b	0,80x0,80	03
	A - 5a	0,80x0,80	02

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:

7 / 07

SINALIZAÇÃO VIÁRIA

ESCALA:

SEM ESC

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

ARQUIVO: 04- RAMAL CRUZ DAS ALMAS - SIN.DWG