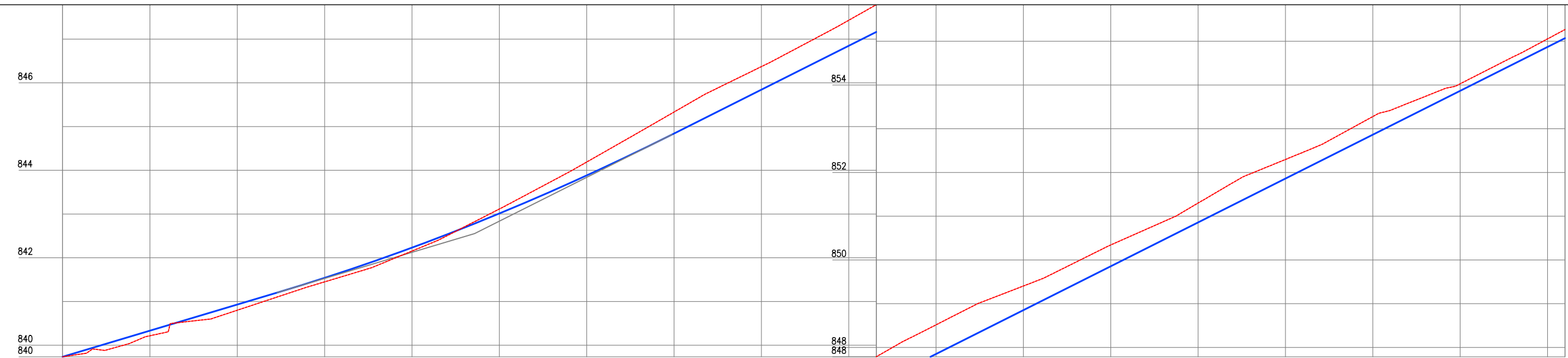


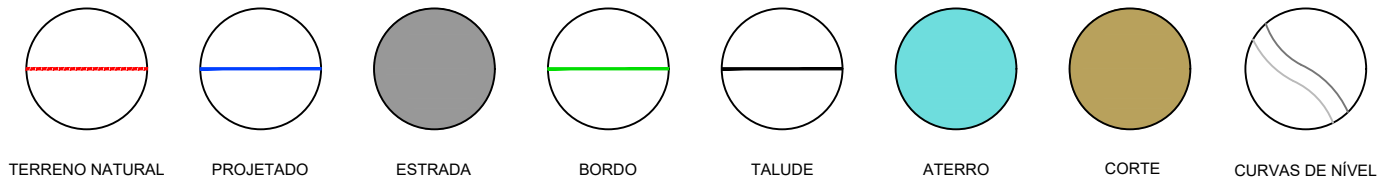
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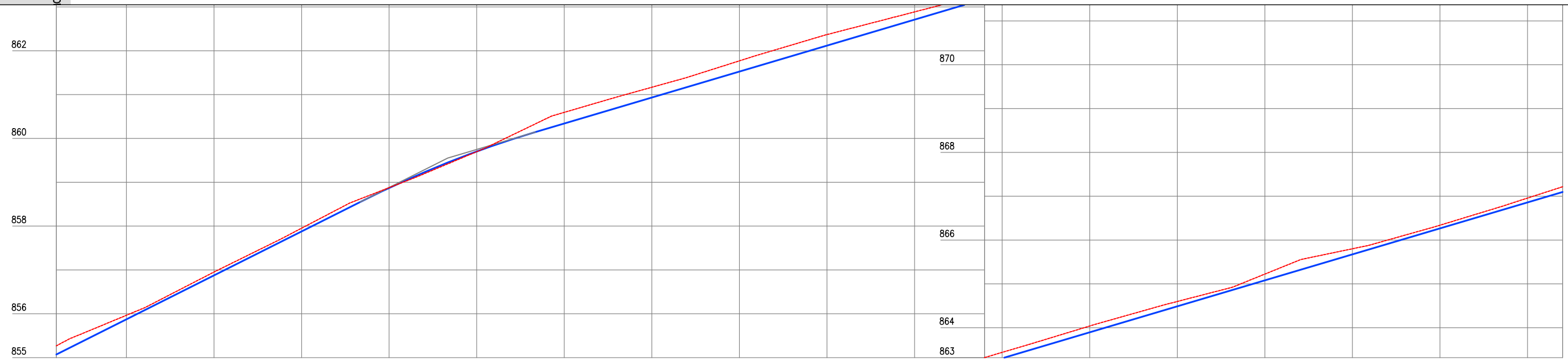
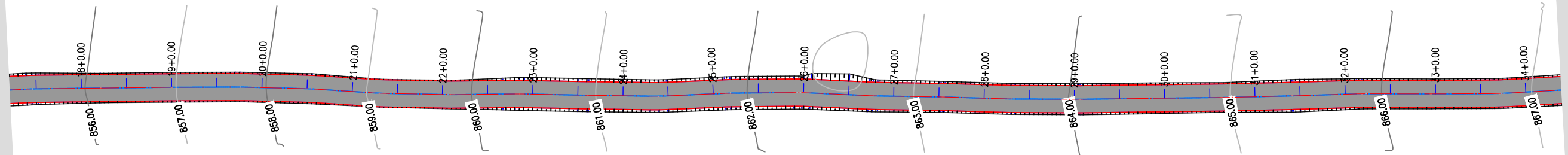
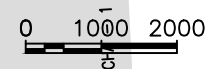
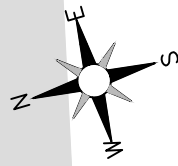
Estaca	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Cota do terreno	839,736	840,216	840,901	841,449	842,153	843,115	844,189	845,332	846,371	847,431	848,517	849,404	850,344	851,301	852,298	853,279	854,028	855,054	855,289
Cota da terraplenagem	839,736	840,333	840,930	841,540	842,231	843,012	843,882	844,842	845,845	846,847	847,850	848,853	849,856	850,859	851,861	852,864	853,864	854,864	855,864
Cota vermelha	0,000	0,117	0,129	0,091	0,078	-0,103	-0,307	-0,490	-0,526	-0,584	-0,667	-0,551	-0,488	-0,442	-0,436	-0,415			

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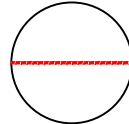
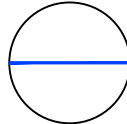
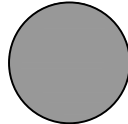
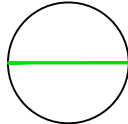
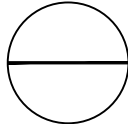
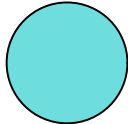

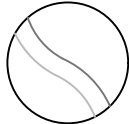
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
1 / 40
ESCALA:
H 1/1000
V 1/100



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
17	855,269	855,070	-0,198
18	855,966	855,873	-0,093
19	856,952	856,876	-0,077
20	857,952	857,878	-0,074
21	858,877	858,870	-0,007
22	859,698	859,702	0,004
23	860,595	860,341	-0,254
24	861,168	860,933	-0,234
25	861,770	861,526	-0,244
26	862,369	862,118	-0,251
27	862,987	862,711	-0,176
28	863,438	863,303	-0,134
29	864,039	863,896	-0,143
30	864,599	864,488	-0,110
31	865,224	865,081	-0,143
32	865,801	865,674	-0,128
33	866,339		
34	866,968		
34	867,216		

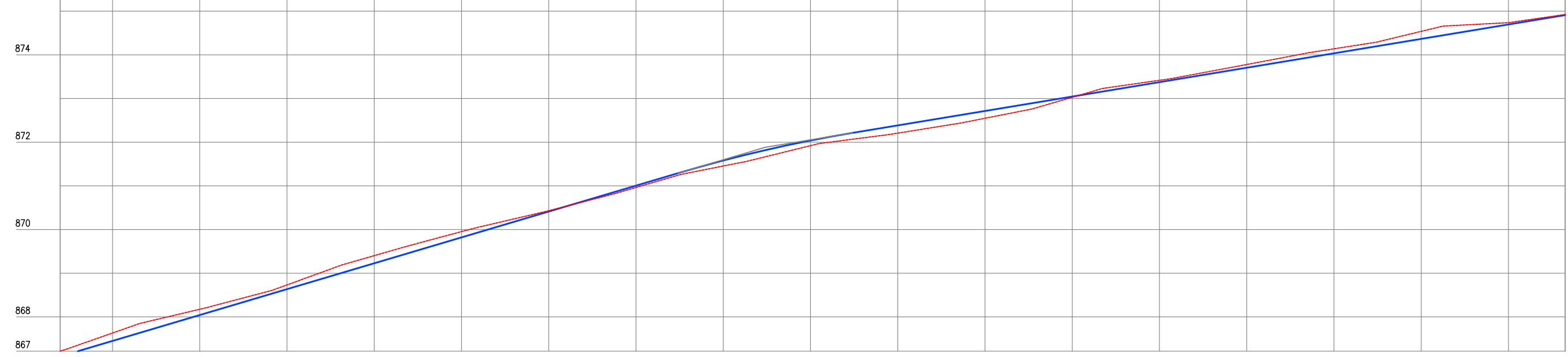
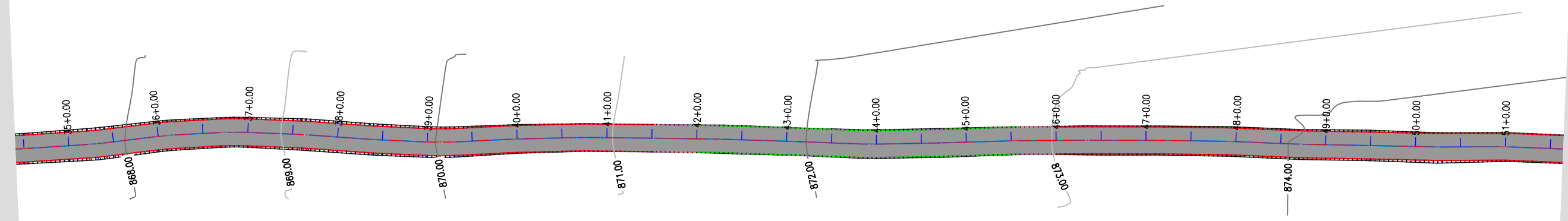
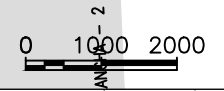
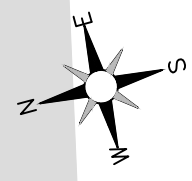

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



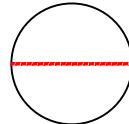
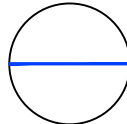
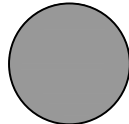
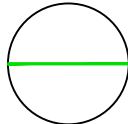
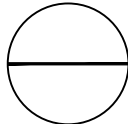
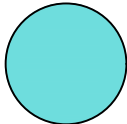

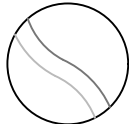
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:	2 / 40
ESCALA:	H 1/1000 V 1/100



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,121	867,096	867,216	34
-0,180	867,451	867,631	35
-0,132	868,044	868,176	36
-0,097	868,636	868,733	37
-0,175	869,229	869,403	38
-0,132	869,821	869,953	39
-0,018	870,414	870,432	40
0,043	871,006	870,964	41
0,126	871,581	871,455	42
0,119	872,040	871,921	43
0,177	872,385	872,207	44
0,167	872,715	872,548	45
0,016	873,045	873,029	46
-0,043	873,375	873,418	47
-0,074	873,705	873,779	48
-0,103	874,035	874,138	49
-0,171	874,365	874,538	50
		74,737	51
		74,924	51


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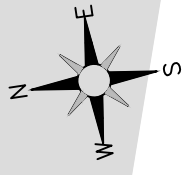
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



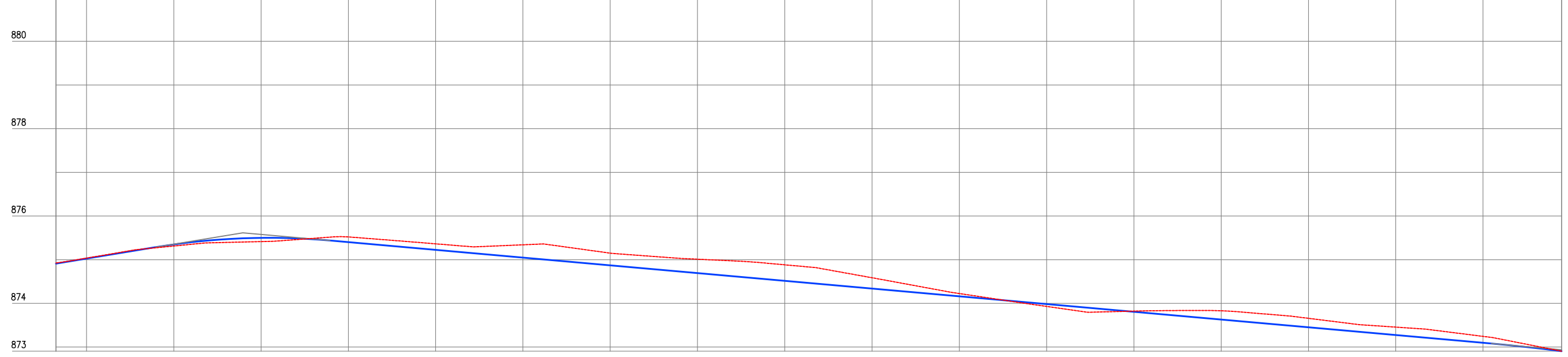
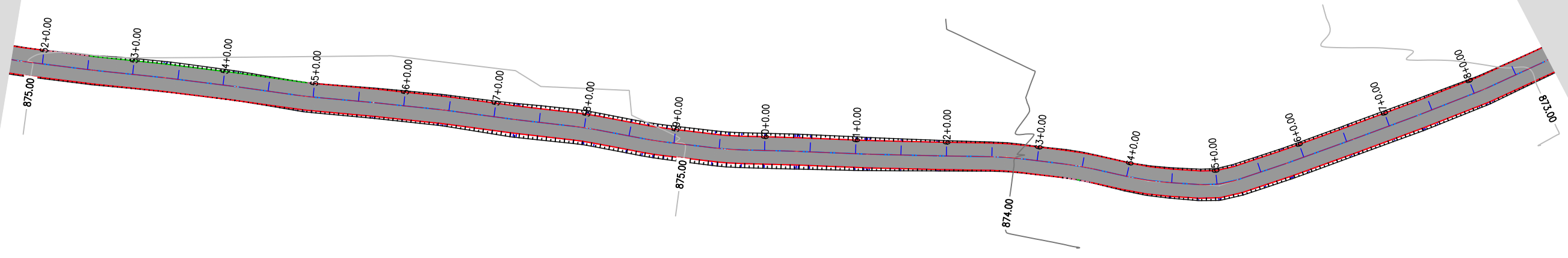
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
3 / 40
 ESCALA:
 H 1/1000
 V 1/100



PRANCHA - 3
 1000 2000



Estaca	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	
Cota da terraplenagem	874,909	875,025	875,349	875,500	875,402	875,225	875,047	874,870	874,683	874,516	874,338	874,161	873,984	873,807	873,630	873,452	873,275	73,245	72,906
Cota do terreno	874,924	875,036	875,313	875,415	875,522	875,383	875,341	875,150	875,011	874,883	874,587	874,225	873,930	873,823	873,830	873,658	873,457		
Cota vermelha	-0,014	-0,011	0,036	0,085	-0,120	-0,139	-0,294	-0,280	-0,319	-0,367	-0,248	-0,064	0,054	-0,016	-0,201	-0,205	-0,181		

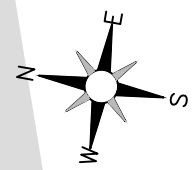
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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

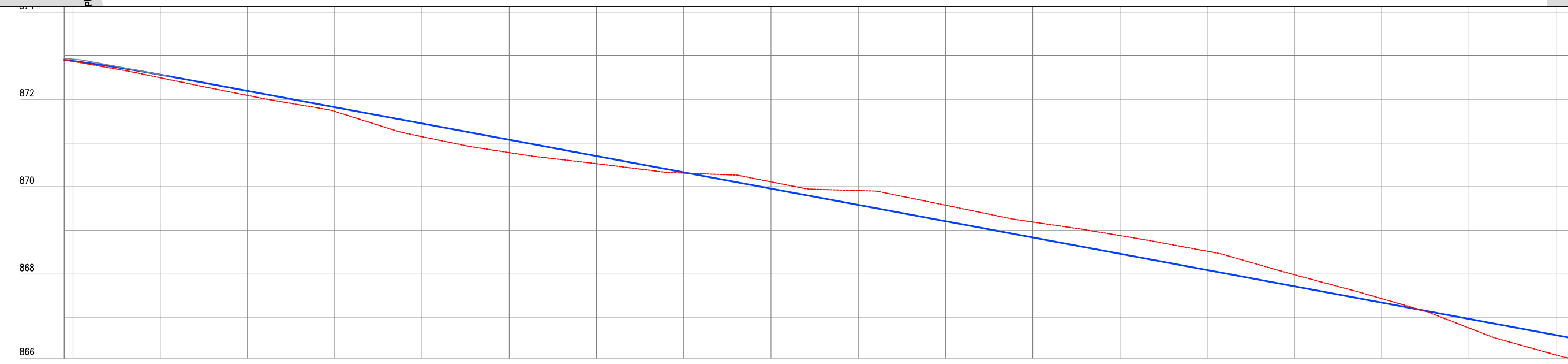
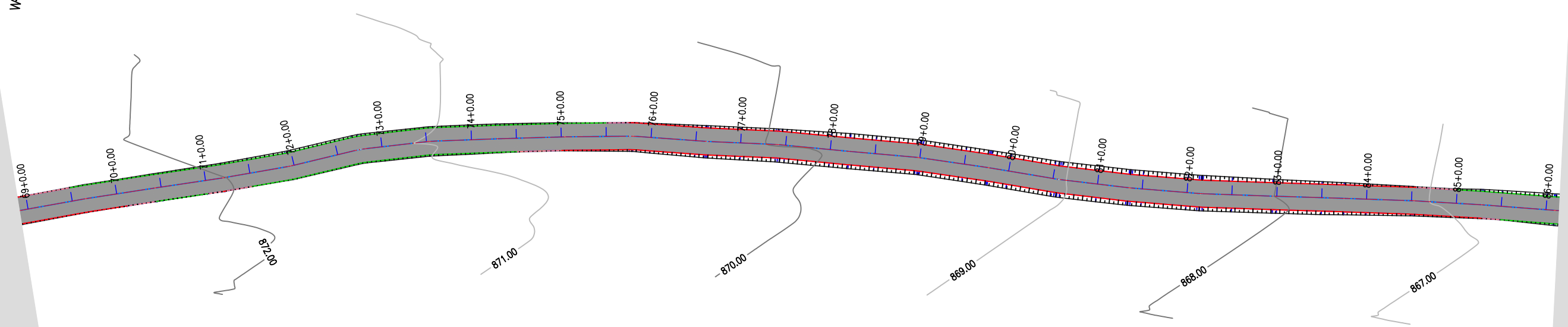


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
4 / 40
 ESCALA:
 H 1/1000
 V 1/100



0 1000 2000
PRANCHA - 4



Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,000	872,907	872,906	68
0,010	872,881	872,871	69
0,070	872,566	872,496	70
0,103	872,194	872,091	71
0,084	871,821	871,726	72
0,302	871,448	871,146	73
0,283	871,075	870,782	74
0,173	870,702	870,529	75
0,017	870,330	870,313	76
-0,156	869,957	870,113	77
-0,329	869,584	869,913	78
-0,366	869,211	869,578	79
-0,354	868,839	869,193	80
-0,417	868,466	868,882	81
-0,430	868,093	868,523	82
-0,264	867,720	867,985	83
-0,092	867,347	867,439	84
		867,767	85
		867,148	86
		867,077	86

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

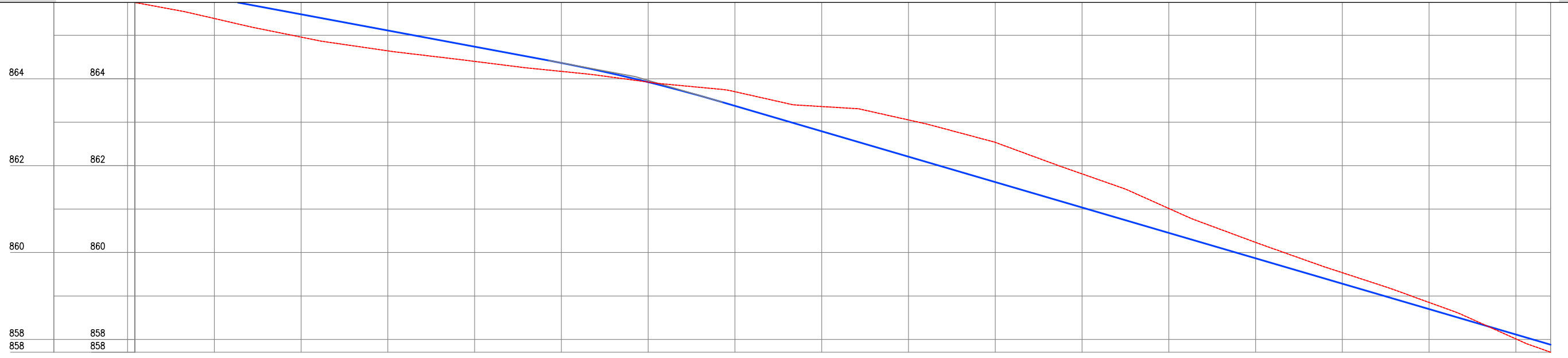
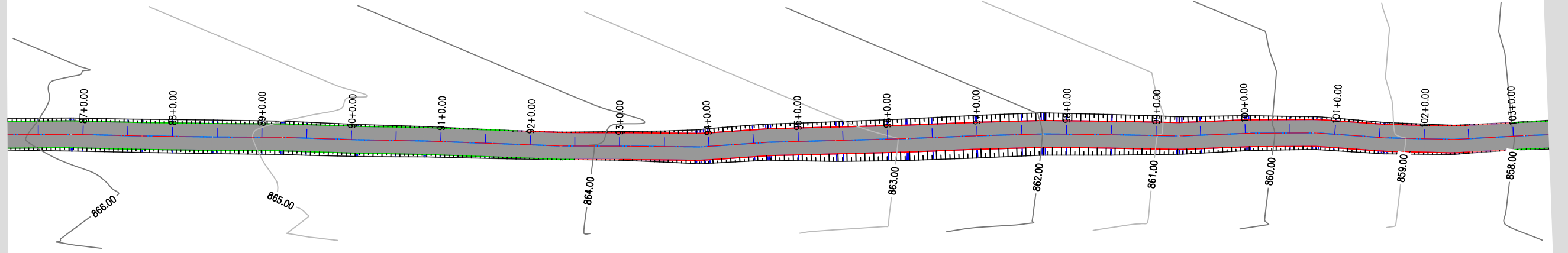
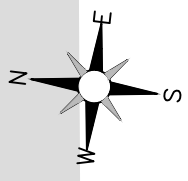


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
5 / 40
 ESCALA:
 H 1/1000
 V 1/100

0 1000 2000
PRANCHA - 5



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,469	866,546	866,077	86
0,441	866,229	865,788	87
0,470	865,856	865,387	88
0,525	865,484	864,958	89
0,469	865,111	864,642	90
0,339	864,738	864,399	91
0,195	864,364	864,169	92
-0,001	863,923	863,924	93
-0,325	863,377	863,702	94
-0,568	862,792	863,360	95
-0,845	862,207	863,052	96
-0,913	861,623	862,536	97
-0,773	861,038	861,811	98
-0,561	860,453	861,015	99
-0,365	859,868	860,234	100
-0,252	859,284	859,536	101
		858,852	102
		858,012	103
		857,707	103

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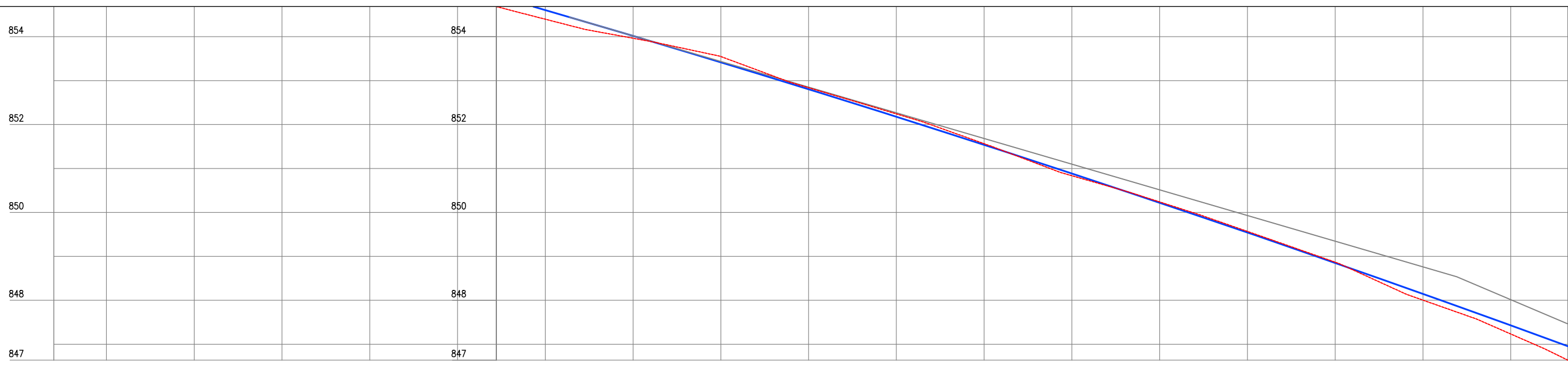
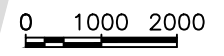
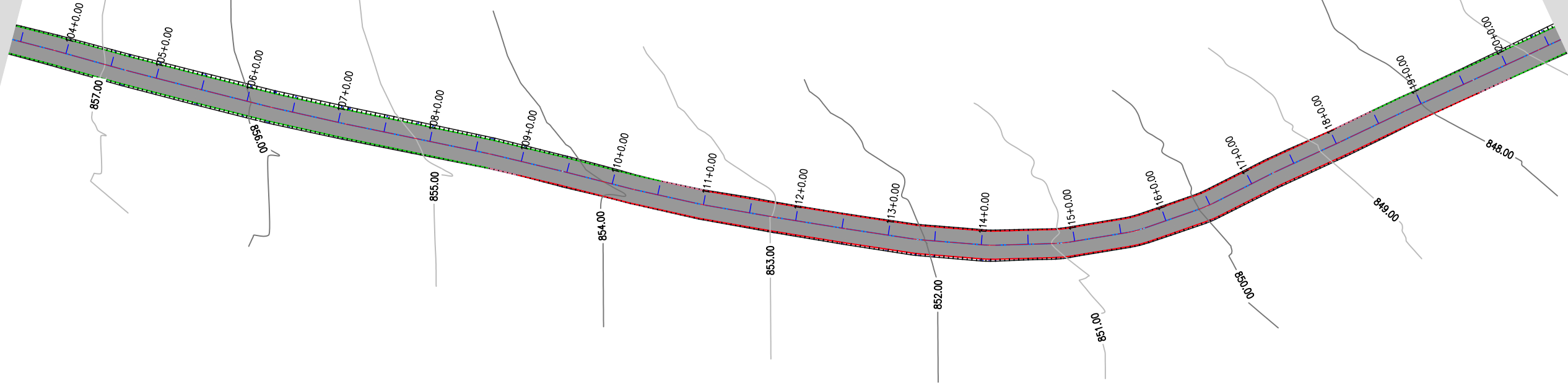
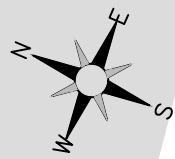
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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

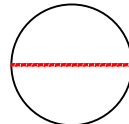
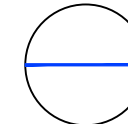
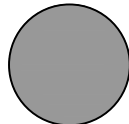
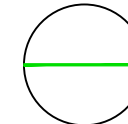
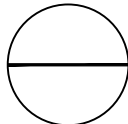
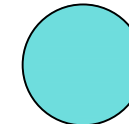

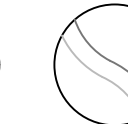
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
6 / 40
ESCALA:
H 1/1000
V 1/100



Estaca	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	120
Cota do terreno	857,707	857,289	856,641	856,027	855,436	854,919	854,398	853,965	853,549	852,838	852,243	851,564	850,836	850,239	849,567	848,867	848,003	847,233	846,638
Cota da terraplenagem	857,881	857,530	856,945	856,360	855,776	855,191	854,606	854,018	853,418	852,804	852,176	851,538	850,886	850,220	849,542	848,850	848,003	847,233	846,638
Cota vermelha	0,174	0,240	0,304	0,333	0,339	0,272	0,208	0,053	-0,131	-0,034	-0,086	-0,026	0,050	-0,019	-0,026	-0,017			


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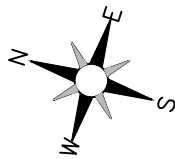
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



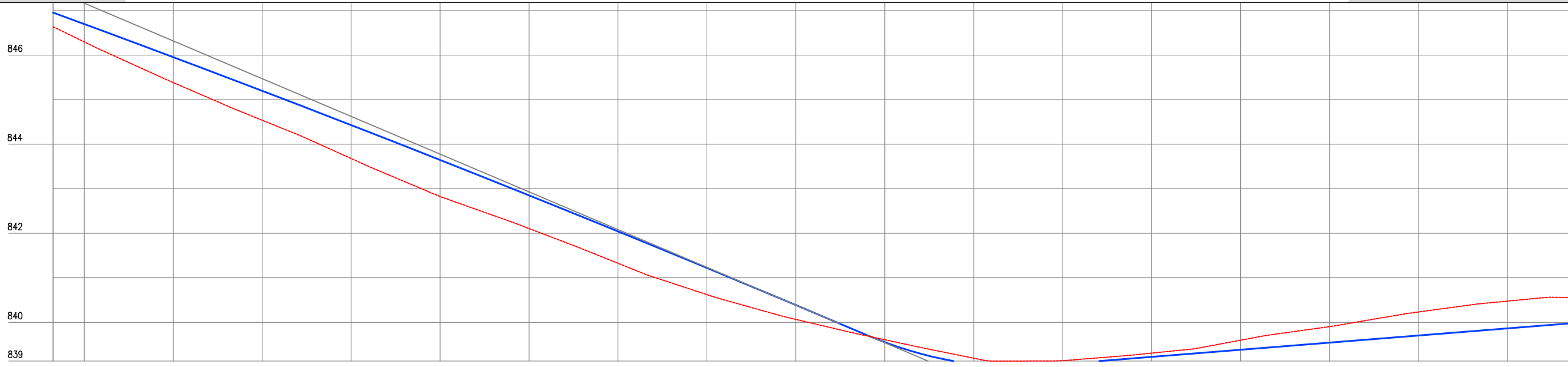
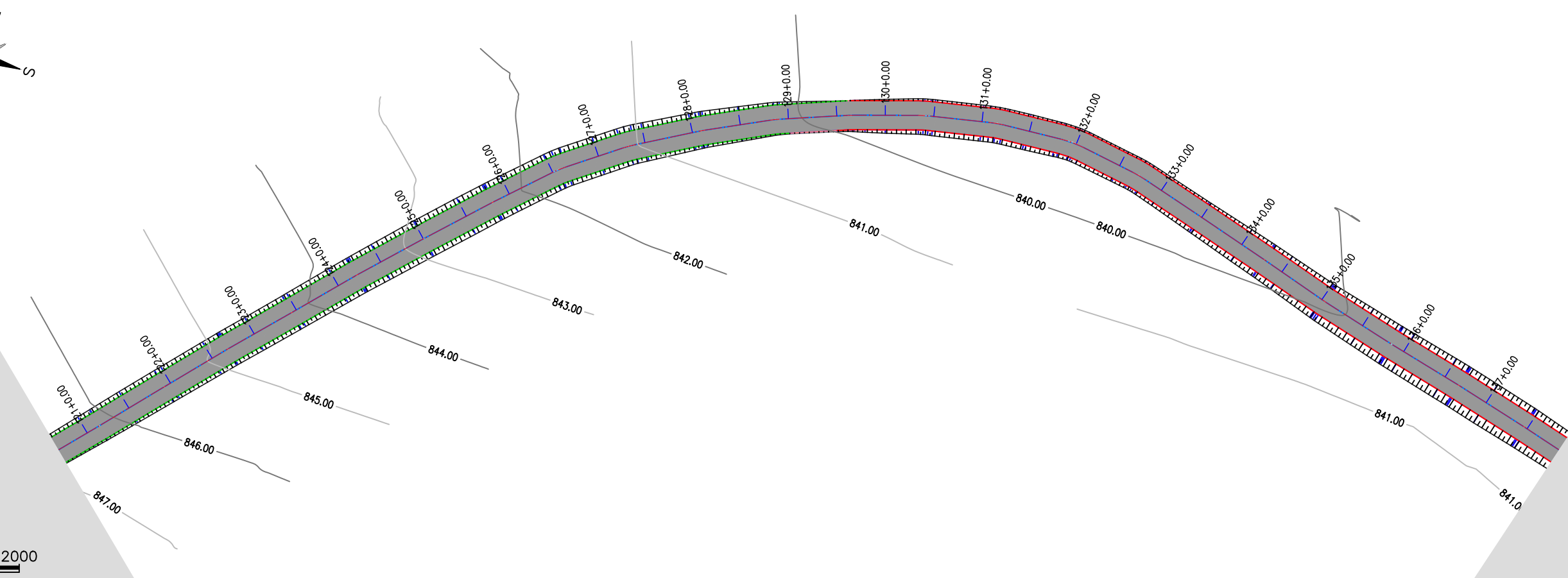
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
7 / 40
 ESCALA:
 H 1/1000
 V 1/100



0 1000 2000



Estaca	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137
Cota do terreno	846,636	846,297	845,385	844,539	843,679	842,825	842,107	841,328	840,623	840,086	839,610	839,195	839,142	839,310	839,600	839,904	840,234	840,477
Cota da terraplenagem	846,955	846,698	845,955	845,199	844,429	843,647	842,852	842,044	841,223	840,388	839,554	839,064	839,066	839,226	839,386	839,546	839,904	840,177
Cota vermelha	0,318	0,402	0,570	0,660	0,750	0,822	0,745	0,716	0,599	0,322	-0,056	-0,131	-0,076	-0,084	-0,214	-0,359		

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

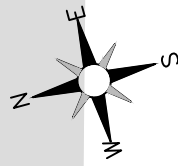


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

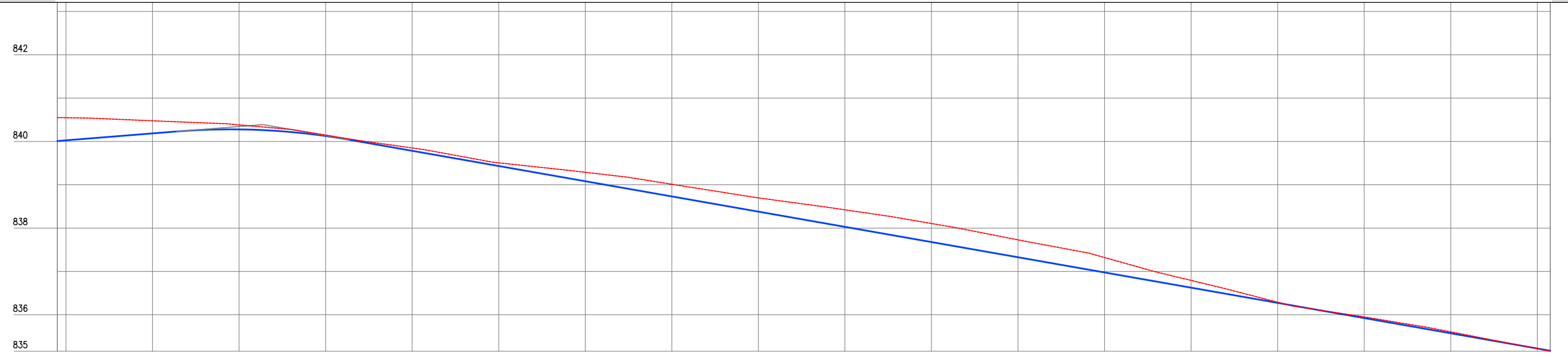
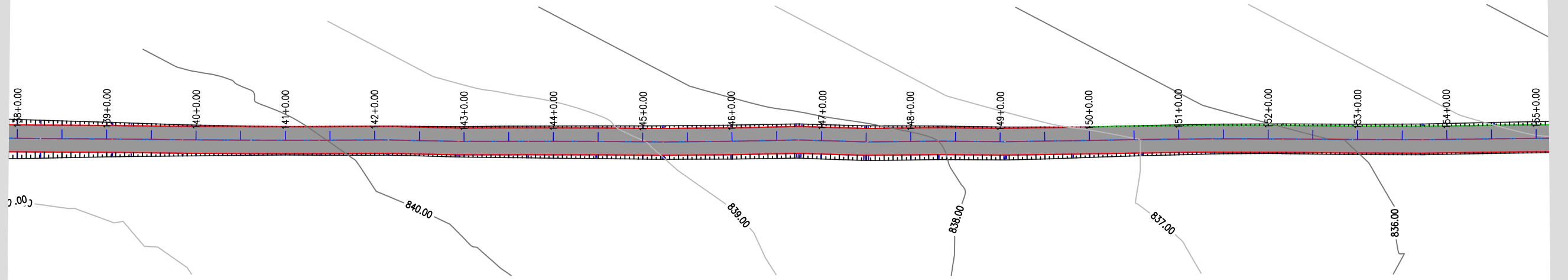
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
8 / 40

ESCALA:
 H 1/1000
 V 1/100



PRANCHA - 8
0 1000 2000



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
137	840,551	840,009	-0,542
138	840,546	840,025	-0,522
139	840,476	840,185	-0,291
140	840,382	840,278	-0,104
141	840,148	840,126	-0,022
142	839,850	839,785	-0,065
143	839,506	839,434	-0,072
144	839,288	839,083	-0,205
145	839,012	838,732	-0,280
146	838,697	838,381	-0,317
147	838,422	838,030	-0,392
148	838,106	837,679	-0,427
149	837,728	837,328	-0,401
150	837,321	836,977	-0,344
151	836,793	836,626	-0,167
152	836,289	836,275	-0,014
153	835,950	835,924	-0,026
154	835,604		
155	835,159		

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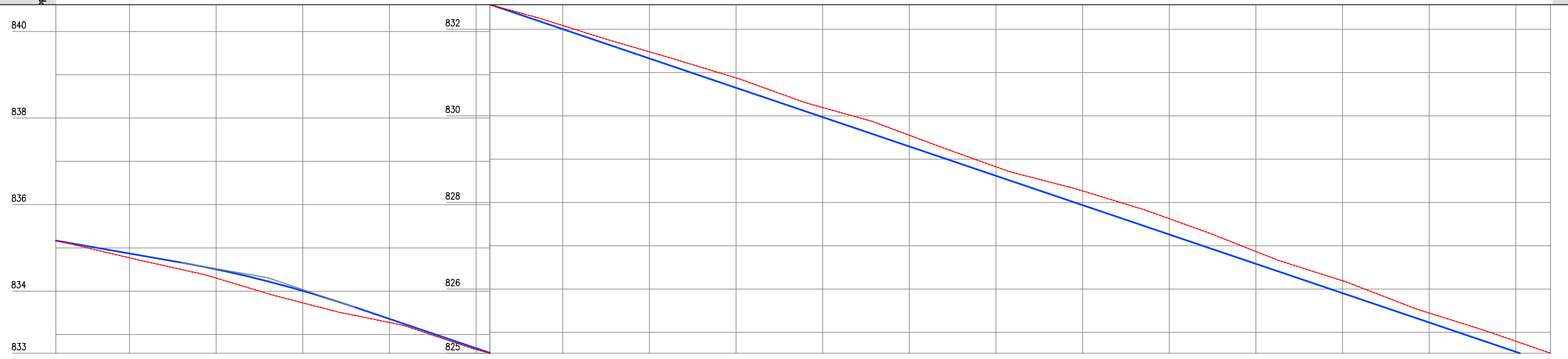
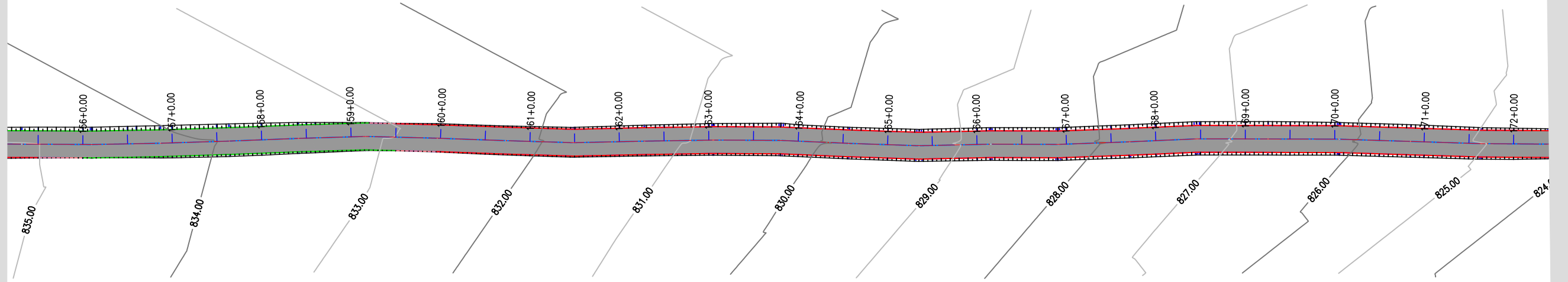
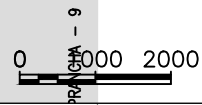
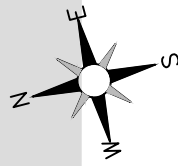
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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:	14- SÍTIO LIMOIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
9 / 40
 ESCALA:
 H 1/1000
 V 1/100



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,010	835,169	835,159	155
0,100	834,871	834,771	156
0,203	834,507	834,303	157
0,277	834,008	833,731	158
0,082	833,380	833,278	159
0,029	832,883	832,654	160
-0,083	832,005	832,088	161
-0,153	831,327	831,480	162
-0,227	830,650	830,877	163
-0,221	829,972	830,193	164
-0,258	829,294	829,552	165
-0,207	828,617	828,824	166
-0,327	827,939	828,266	167
-0,384	827,261	827,625	168
-0,284	826,584	826,868	169
-0,285	825,906	826,192	170
		25,447	171
		24,796	172
		24,518	172


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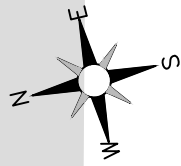
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



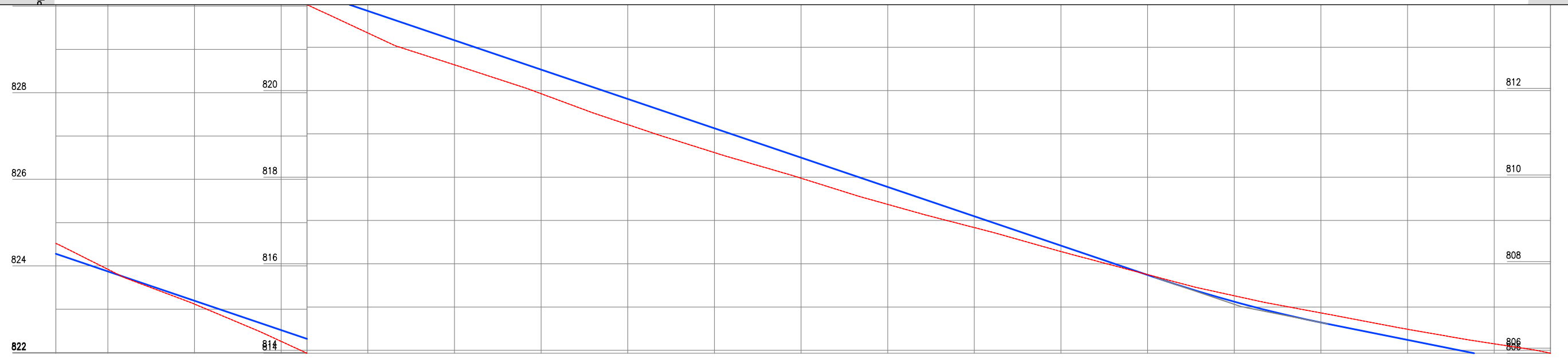
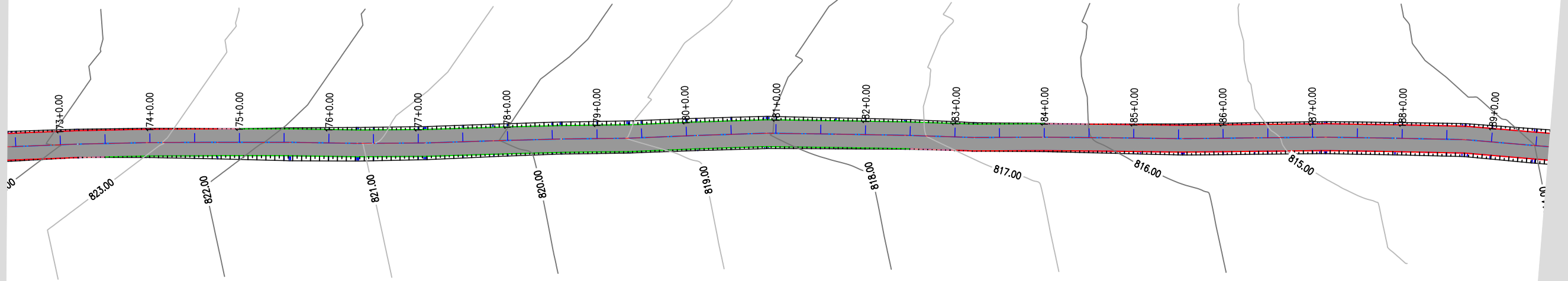
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
10 / 40
 ESCALA:
 H 1/1000
 V 1/100

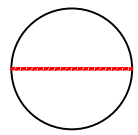


PRANCHA - 10
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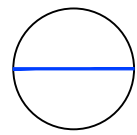


Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,238	824,280	824,518	172
-0,048	823,873	823,921	173
0,077	823,196	823,118	174
0,261	822,518	822,257	175
0,509	821,840	821,331	176
0,568	821,163	820,595	177
0,557	820,485	819,928	178
0,593	819,807	819,214	179
0,562	819,130	818,568	180
0,476	818,452	817,976	181
0,403	817,774	817,371	182
0,261	817,097	816,836	183
0,138	816,419	816,281	184
-0,008	815,742	815,749	185
-0,138	815,123	815,260	186
-0,222	814,642	814,865	187
-0,246	814,241	814,487	188
		14,151	189
		13,934	189

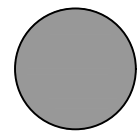
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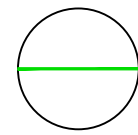
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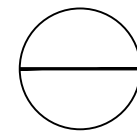
PROJETADO



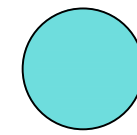
ESTRADA



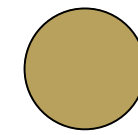
BORDO



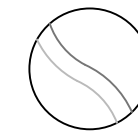
TALUDE



ATERRO



CORTE



CURVAS DE NÍVEL



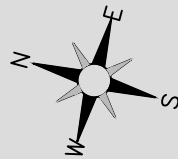
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03

ESTAQUEAMENTO E PERFIL LONGITUDINAL

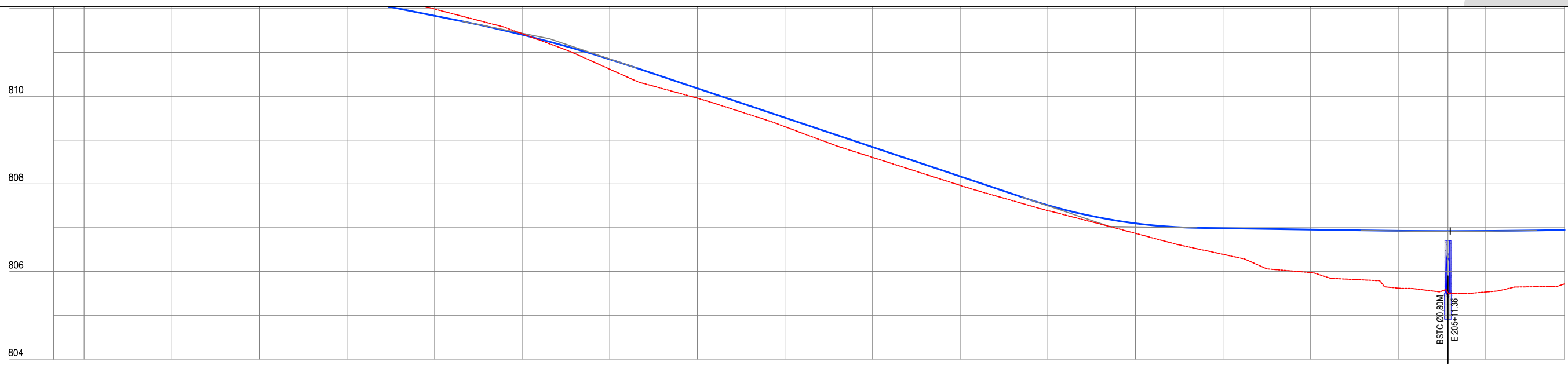
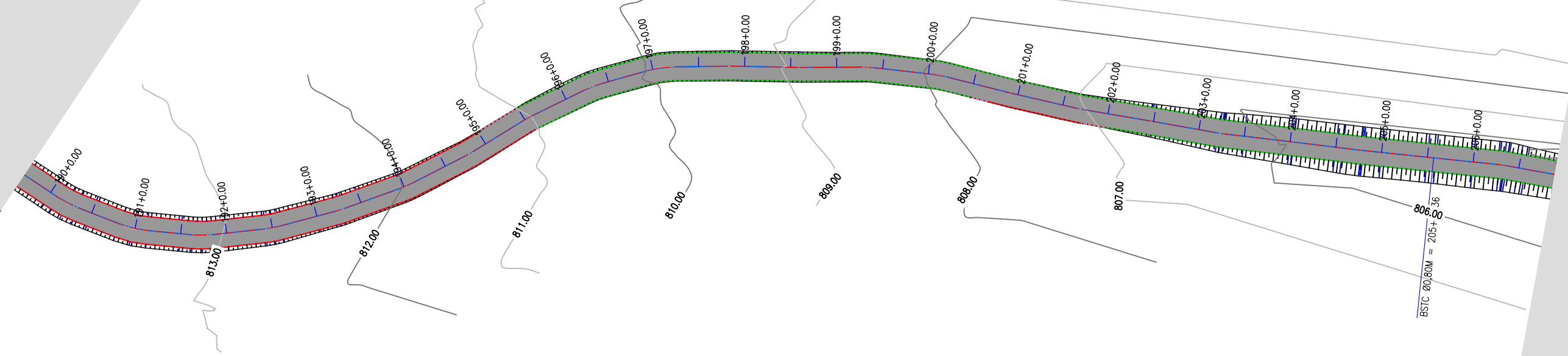
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
11 / 40

ESCALA:
 H 1/1000
 V 1/100



0 1000 2000



Estaca	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	205+11,36	206	206
Cota do terreno	813,934	813,792	813,375	812,983	812,532	811,992	811,427	810,618	809,956	809,306	808,605	807,966	807,392	806,971	806,392	805,976	805,621	805,510	805,533	805,717
Cota da terraplenagem	813,580	813,440	813,039	812,639	812,238	811,838	811,405	810,845	810,181	809,511	808,841	808,171	807,515	807,099	806,988	806,957	806,621	805,510	805,533	805,717
Cota vermelha	-0,354	-0,352	-0,335	-0,344	-0,294	-0,154	-0,022	0,227	0,225	0,205	0,236	0,205	0,122	0,227	0,586	0,981	0,621	0,000	0,000	0,000

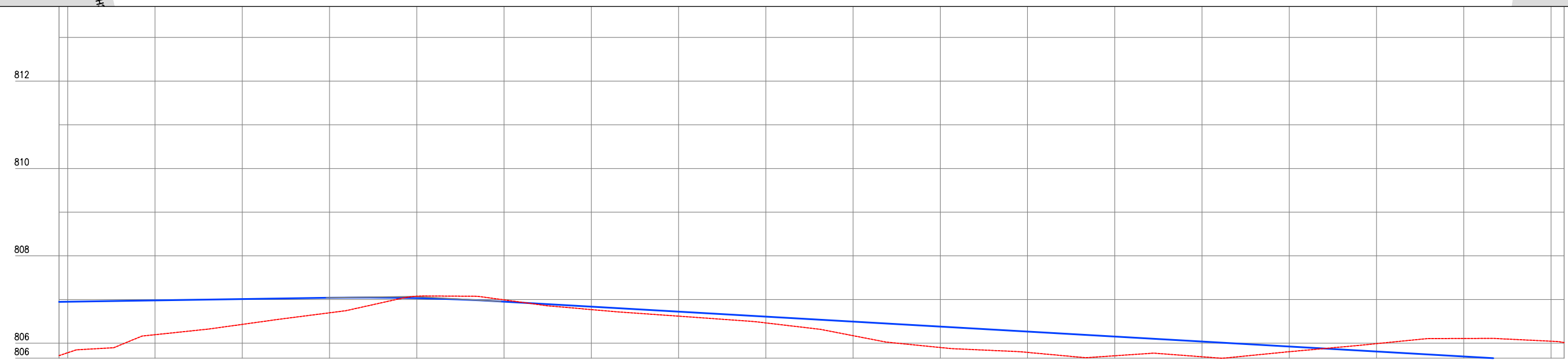
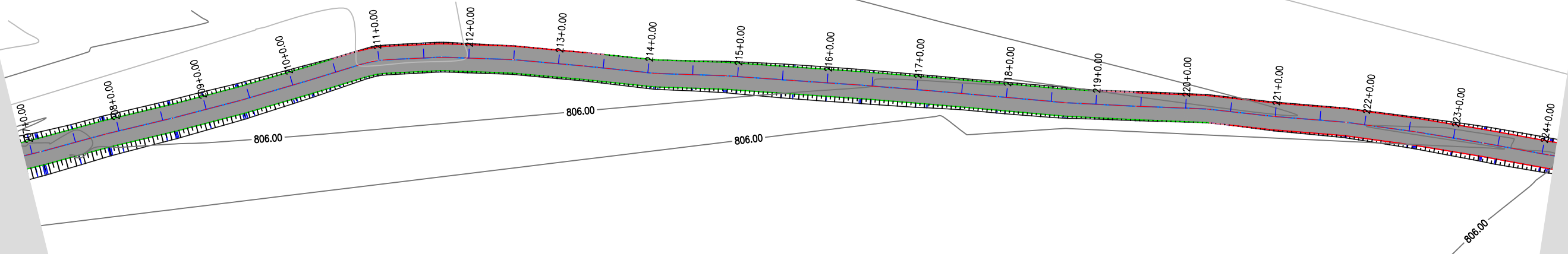
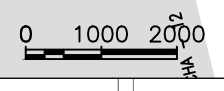
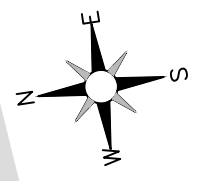
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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



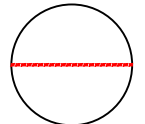
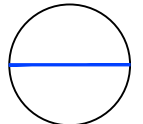
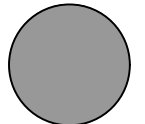
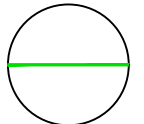
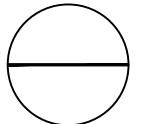
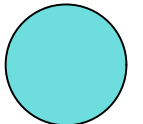

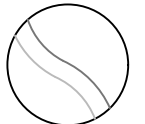
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
12 / 40
 ESCALA:
 H 1/1000
 V 1/100



Cota vermelha	Cota da terraplenagem	Cota do terreno	Escala
1,230	806,946	805,717	206
1,107	806,951	805,785	207
0,785	806,981	806,195	208
0,579	807,011	806,431	209
0,345	807,041	806,696	210
-0,044	807,033	807,076	211
-0,040	806,952	806,992	212
0,088	806,838	806,770	213
0,104	806,724	806,620	214
0,145	806,610	806,465	215
0,323	806,496	806,173	216
0,480	806,382	805,902	217
0,477	806,267	805,790	218
0,440	806,153	805,713	219
0,349	806,039	805,690	220
0,119	805,925	805,806	221
-0,179	805,811	805,990	222
		806,109	223
		806,046	224
		806,015	224


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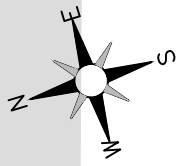
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



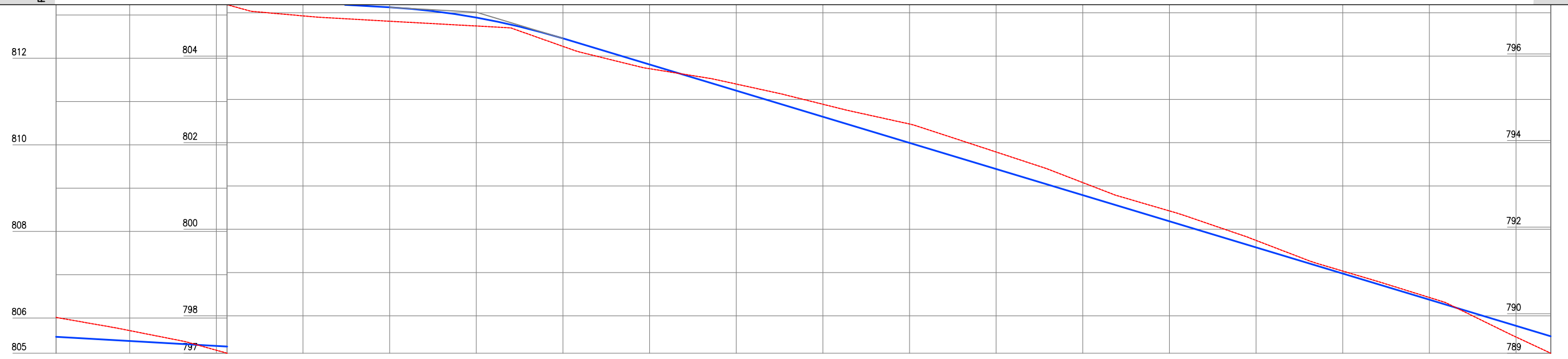
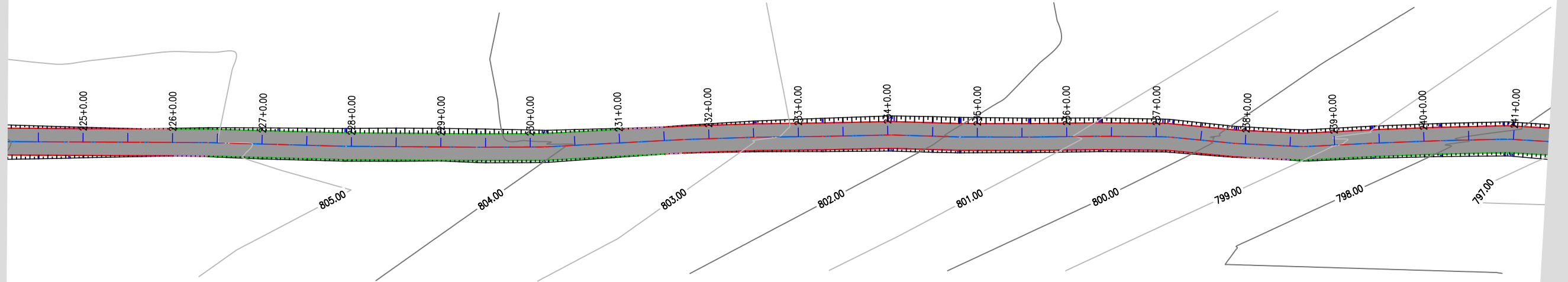
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
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PRANCHA:
13 / 40
 ESCALA:
 H 1/1000
 V 1/100



0 1000 2000
PRANCHA - 13



Estaca	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	241
Cota do terreno	806,015	805,709	805,257	804,929	804,805	804,696	804,225	803,709	803,355	802,888	802,432	801,785	801,078	800,424	799,742	799,035	36,424	37,512	37,138
Cota da terraplenagem	805,566	805,469	805,355	805,241	805,127	804,890	804,409	803,805	803,202	802,598	801,985	801,391	800,788	800,184	799,581	798,977			
Cota vermelha	-0,449	-0,241	0,098	0,312	0,322	0,195	0,184	0,097	-0,153	-0,289	-0,437	-0,393	-0,291	-0,240	-0,162	-0,058			

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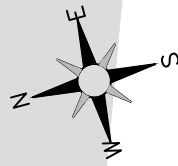
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



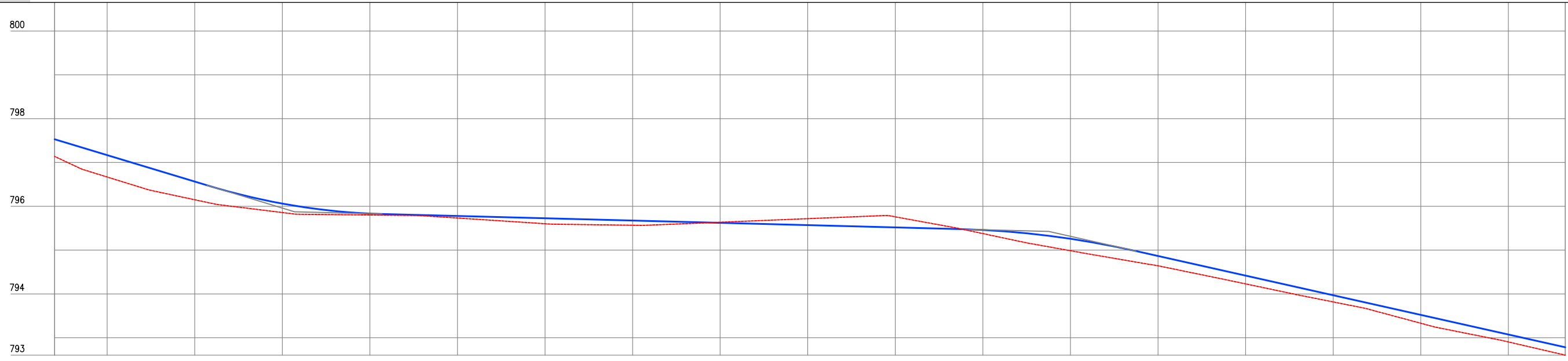
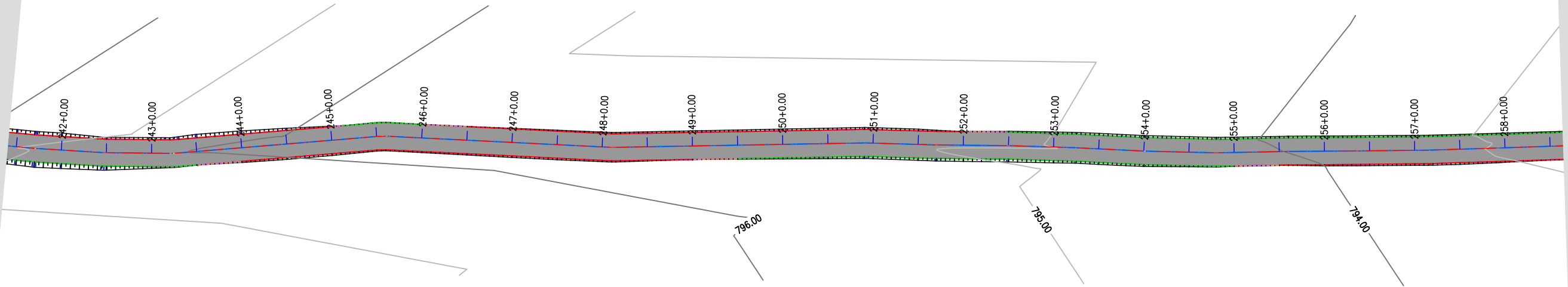
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
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PRANCHA:
14 / 40
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 H 1/1000
 V 1/100

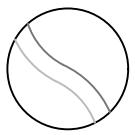
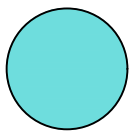
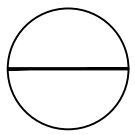
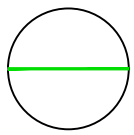
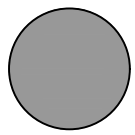
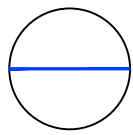
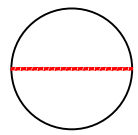


PRANCHA - 14
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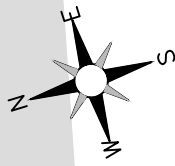
Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0.391	797,529	797,136	241
0.498	797,167	796,668	242
0.414	796,563	796,150	243
0.204	796,062	795,657	244
0.032	795,633	795,601	245
0.046	795,778	795,732	246
0.124	795,726	795,602	247
0.107	795,674	795,567	248
-0.014	795,622	795,636	249
-0.148	795,570	795,718	250
-0.242	795,517	795,759	251
0.082	795,469	795,377	252
0.272	795,259	794,986	253
0.225	794,866	794,642	254
0.189	794,418	794,229	255
0.152	793,970	793,817	256
		793,331	257
		32,905	258
		32,603	258

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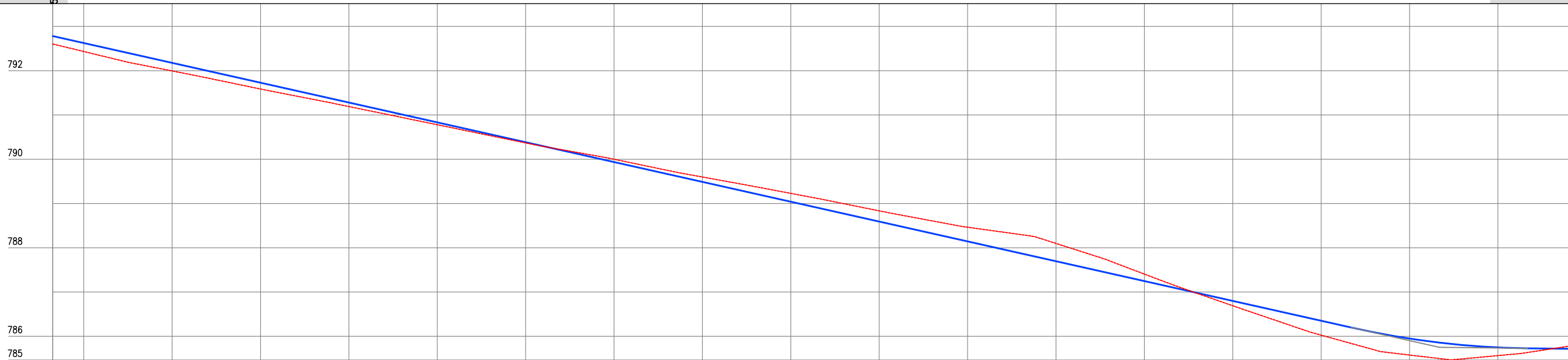
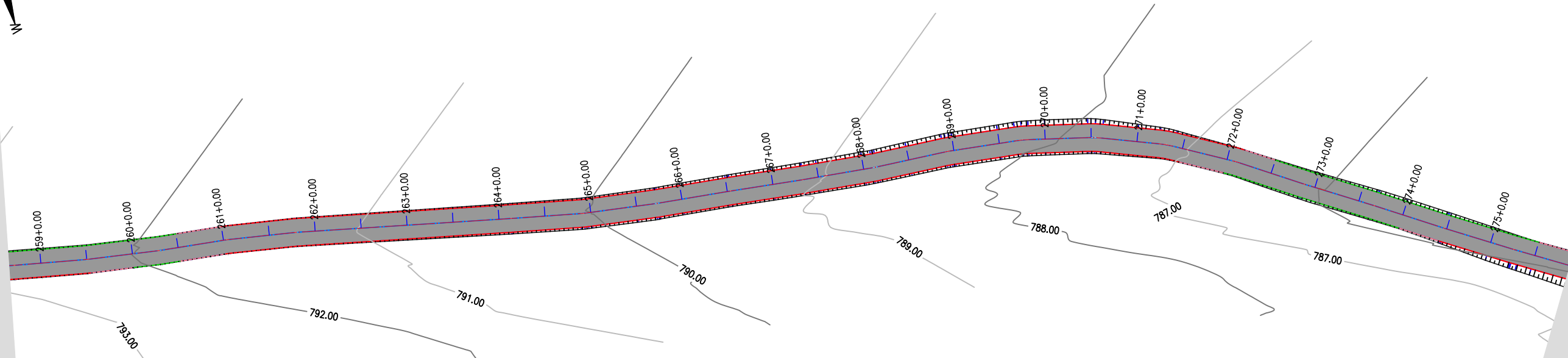


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
15 / 40
ESCALA:
H 1/1000
V 1/100



0 1000 2000



Estaca	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	275
Cota do terreno	792,603	792,434	791,995	791,587	791,191	790,780	790,369	790,000	789,599	789,229	788,835	788,464	788,098	787,406	786,690	786,026	785,577	35,564	35,606
Cota da terraplenagem	792,782	792,625	792,177	791,729	791,280	790,832	790,384	789,936	789,488	789,039	788,591	788,143	787,695	787,246	786,798	786,350	785,948		
Cota da vermelha	0,179	0,191	0,182	0,142	0,080	0,053	0,015	-0,064	-0,111	-0,190	-0,244	-0,321	-0,404	-0,159	0,108	0,324	0,372		

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

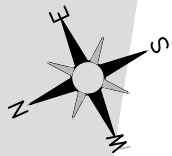


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

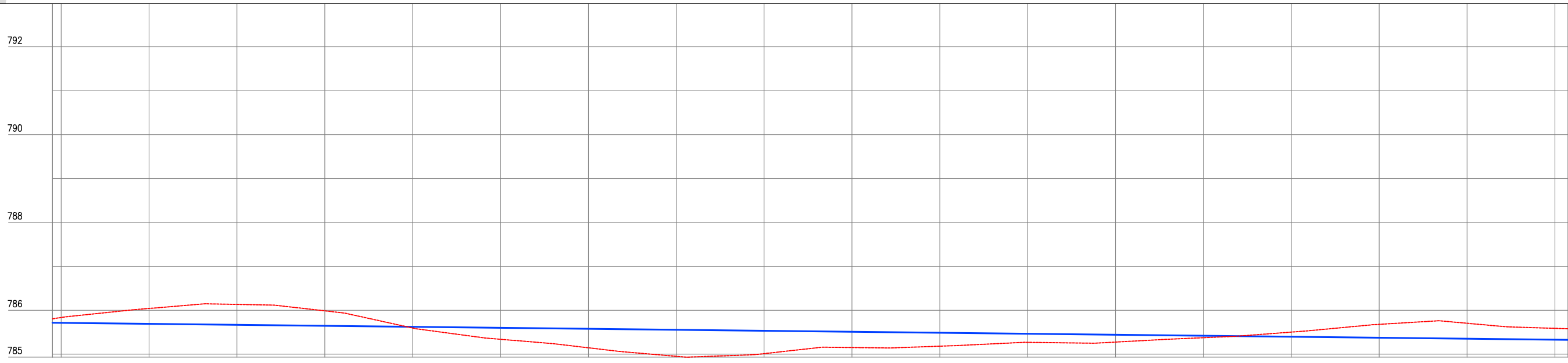
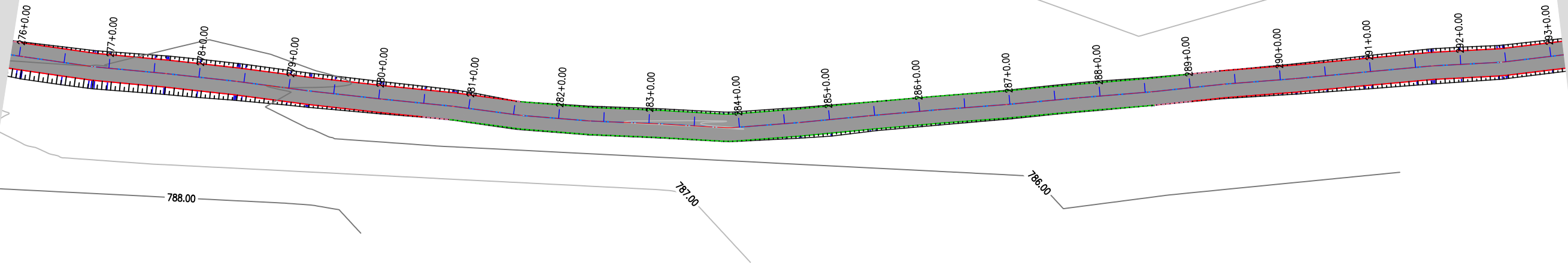
PRANCHA:
16 / 40

ESCALA:
 H 1/1000
 V 1/100



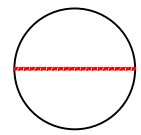
PRANCHA - 16

1000 2000

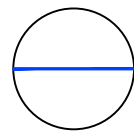


Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,090	785,716	785,806	275
-0,123	785,713	785,836	276
-0,351	785,691	786,042	277
-0,466	785,668	786,134	278
-0,342	785,646	785,988	279
0,028	785,623	785,596	280
0,261	785,601	785,340	281
0,432	785,578	785,146	282
0,603	785,556	784,953	283
0,520	785,533	785,013	284
0,359	785,511	785,152	285
0,306	785,488	785,183	286
0,196	785,466	785,270	287
0,167	785,443	785,276	288
0,045	785,421	785,376	289
-0,105	785,398	785,503	290
-0,304	785,376	785,680	291
		85,705	292
		85,589	293
		85,579	293

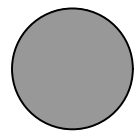
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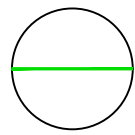
TERRENO NATURAL



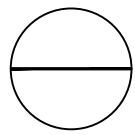
PROJETADO



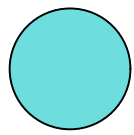
ESTRADA



BORDO



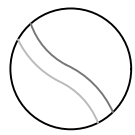
TALUDE



ATERRO



CORTE



CURVAS DE NÍVEL



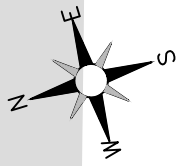
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA
 DO NORTE-CE - PT 1086270-03

ESTAQUEAMENTO E PERFIL LONGITUDINAL

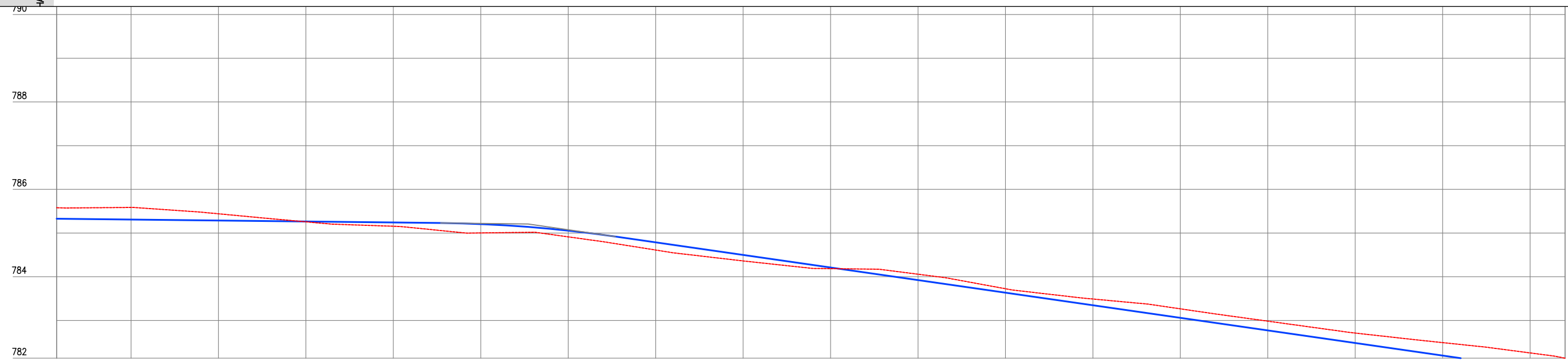
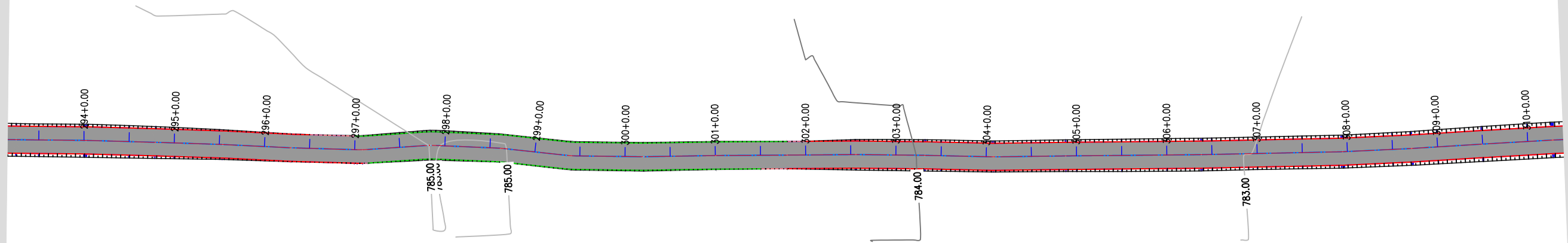
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
17 / 40

ESCALA:
 H 1/1000
 V 1/100



0 1000 2000



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,252	785,328	785,579	293
-0,277	785,309	785,586	294
-0,154	785,286	785,440	295
0,007	785,264	785,256	296
0,086	785,241	785,155	297
0,203	785,205	785,001	298
0,143	785,055	784,912	299
0,176	784,786	784,611	300
0,137	784,498	784,361	301
0,026	784,211	784,185	302
-0,135	783,923	784,057	303
-0,090	783,635	783,725	304
-0,143	783,347	783,490	305
-0,206	783,059	783,285	306
-0,212	782,771	782,983	307
-0,227	782,483	782,710	308
		32,492	309
		32,256	310
		32,136	310

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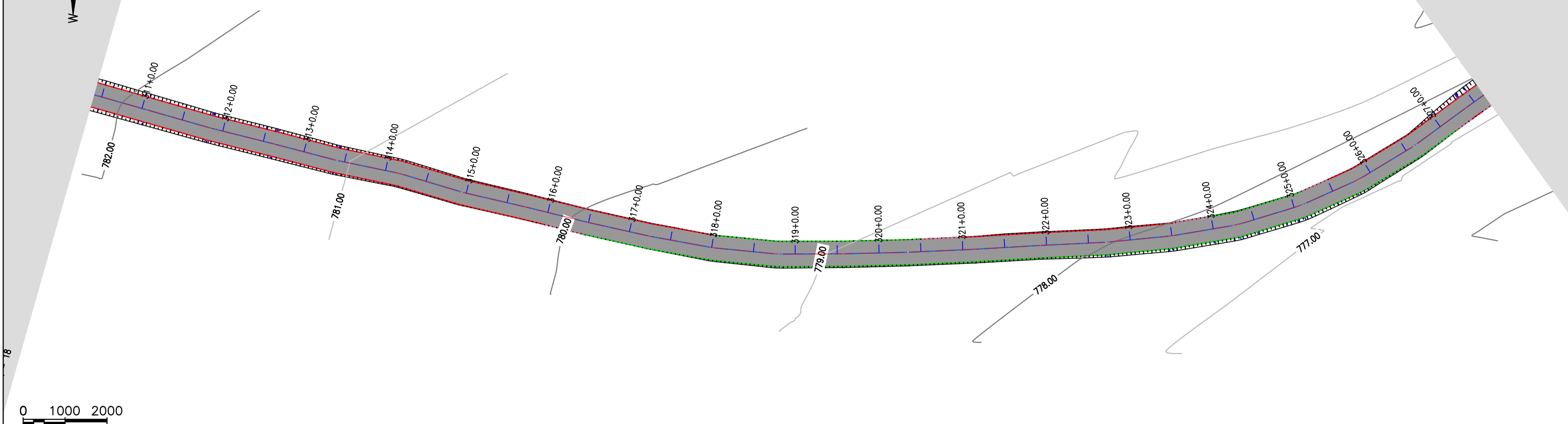
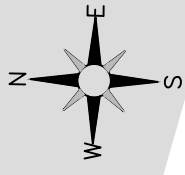
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
18 / 40
 ESCALA:
 H 1/1000
 V 1/100



Estaca	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	
Cota do terreno	782,136	781,907	781,547	781,218	780,828	780,447	780,094	779,786	779,409	779,070	778,620	778,586	778,244	777,930	777,557	777,276	772,239	771,161	771,208
Cota da terraplenagem	781,792	781,619	781,332	781,044	780,756	780,468	780,180	779,892	779,604	779,316	779,028	778,740	778,452	778,165	777,877	777,590			
Cota vermelha	-0,344	-0,287	-0,215	-0,174	-0,073	0,021	0,086	0,106	0,195	0,246	0,208	0,174	0,209	0,235	0,320	0,313			


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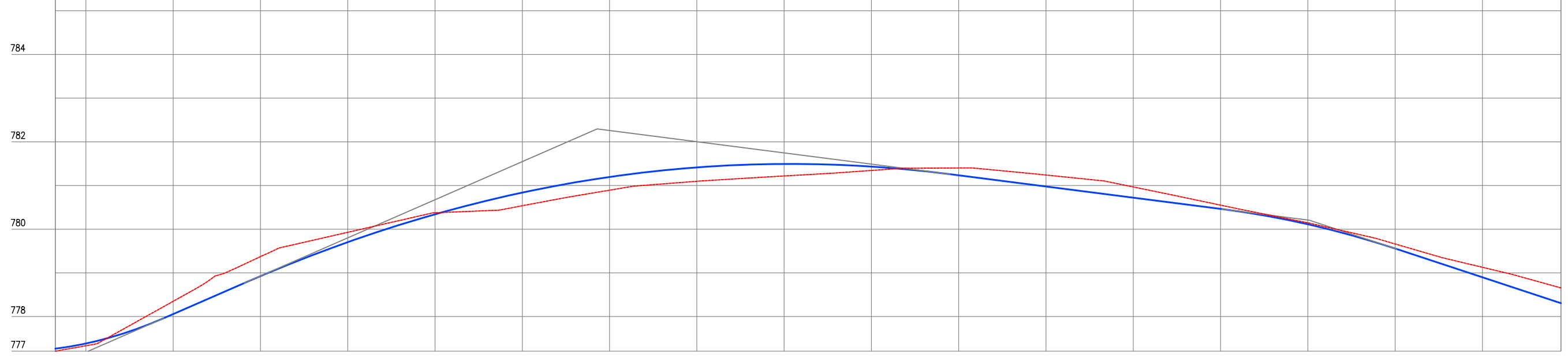
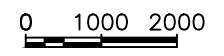
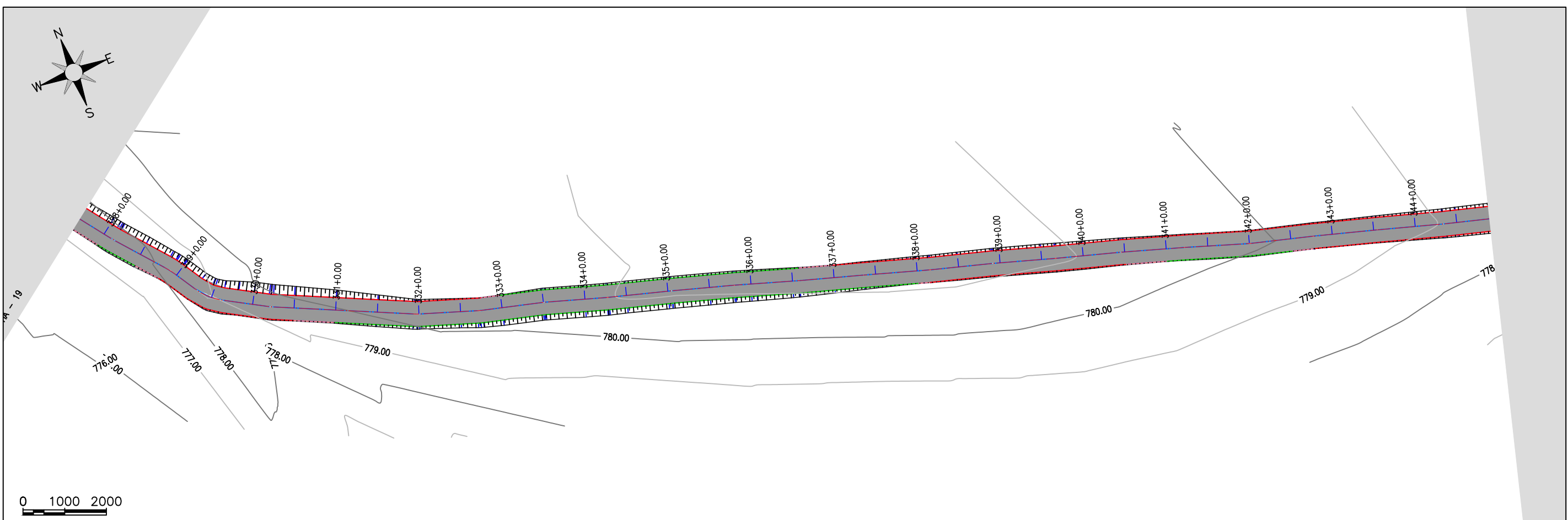
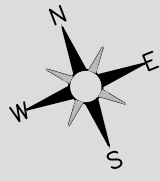
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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

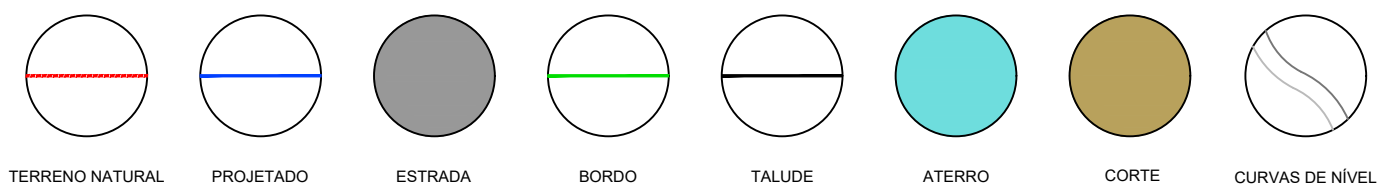
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
19 / 40
 ESCALA:
 H 1/1000
 V 1/100



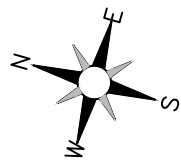
Estaca	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	344
Cota do terreno	777,208	777,331	778,349	779,371	779,929	780,376	780,537	780,883	781,087	781,219	781,345	781,401	781,240	780,987	780,551	780,146	779,662	79,128	76,656
Cota da terraplenagem	777,264	777,383	778,056	778,926	779,703	780,340	780,838	781,196	781,415	781,494	781,433	781,234	780,978	780,722	780,465	780,112	779,558		
Cota vermelha	0,056	0,052	-0,283	-0,445	-0,225	-0,036	0,301	0,303	0,318	0,275	0,089	-0,167	-0,282	-0,246	-0,086	-0,034	-0,104		


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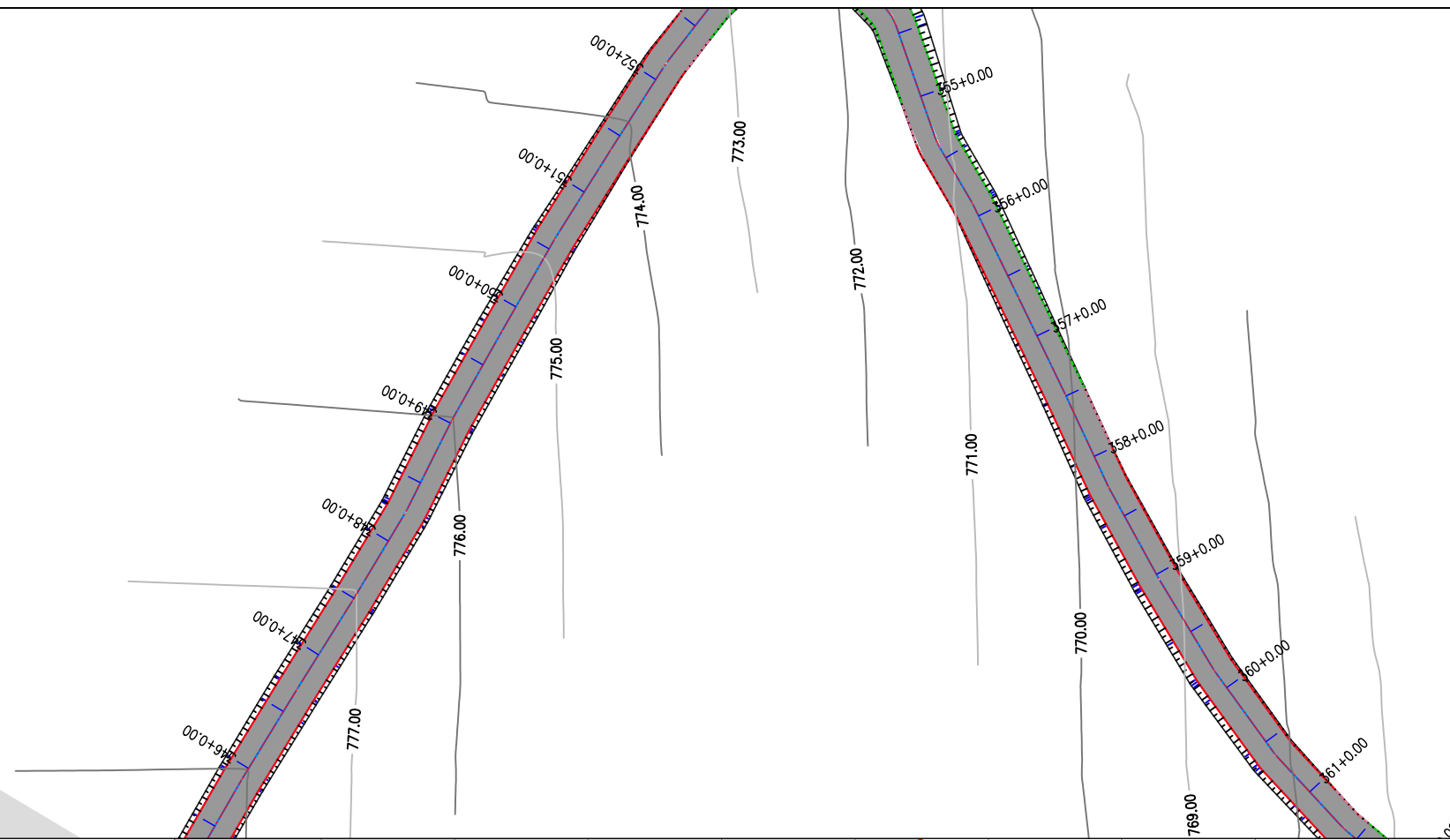


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

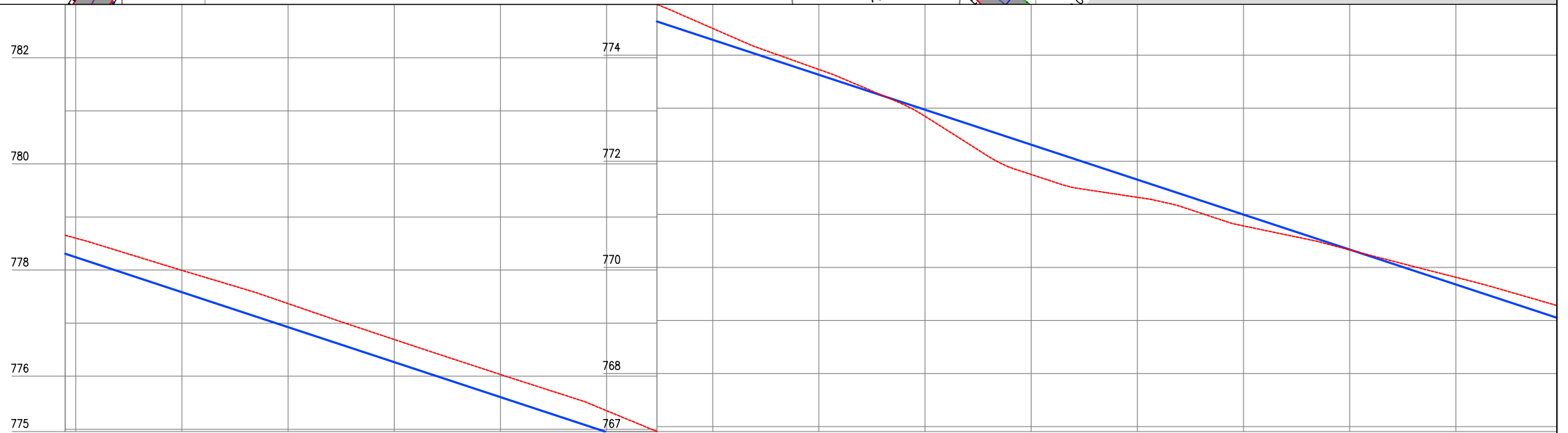
PRANCHA:	20 / 40
ESCALA:	H 1/1000 V 1/100



0 1000 2000

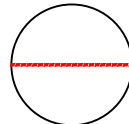
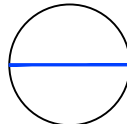
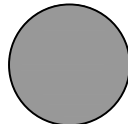
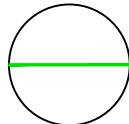
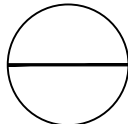
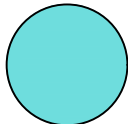

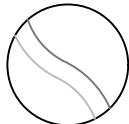


PRANCHA - 21



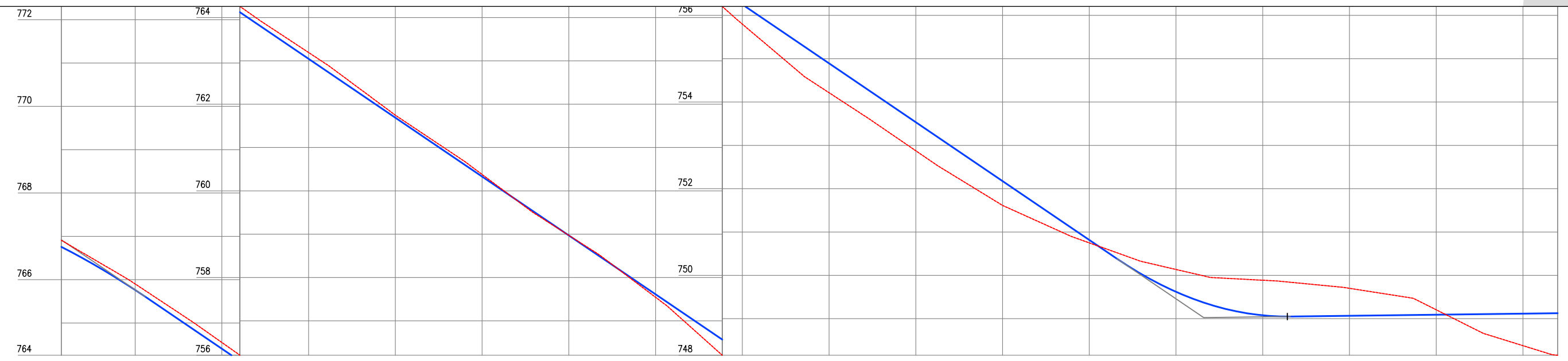
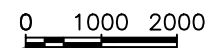
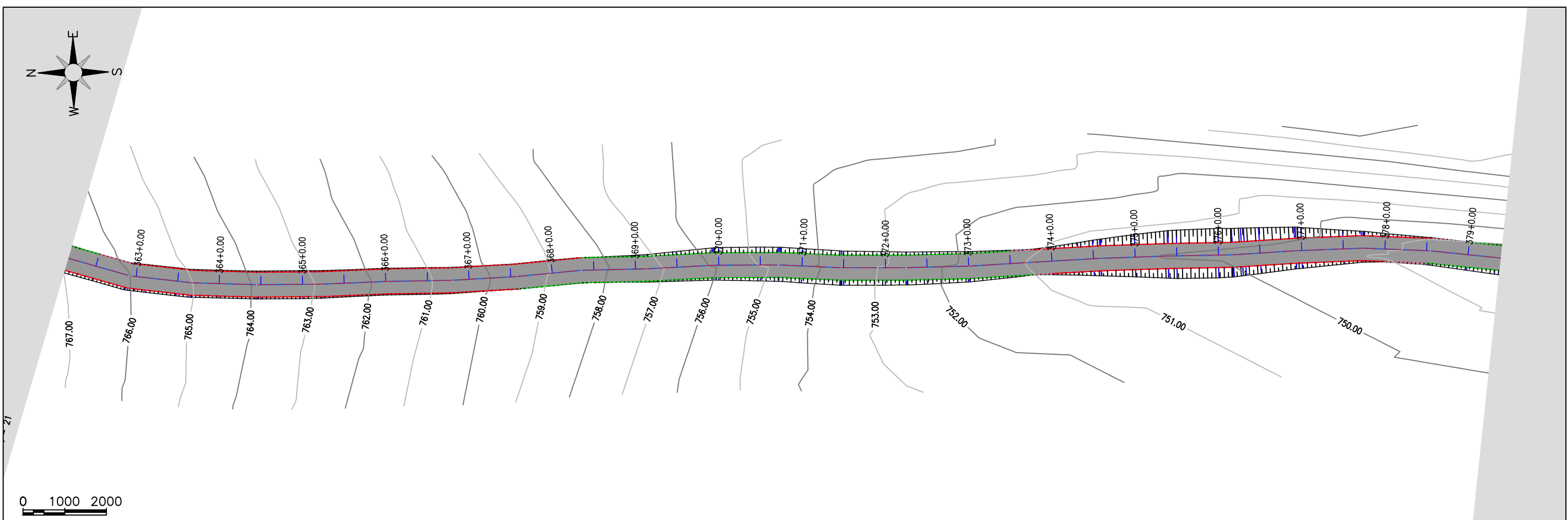
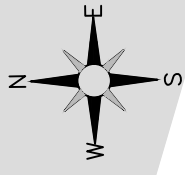
Estaca	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359
Cota do terreno	778,656	778,601	777,994	777,368	776,691	776,031	775,350	774,503	773,730	772,848	771,751	771,320	770,781	70,330	69,814	769,254
Cota da terraplenagem	778,307	778,241	777,582	776,923	776,265	775,606	774,947	774,289	773,630	772,971	772,313	771,654	770,996	70,330	69,814	769,020
Cota vermelha	-0,350	-0,360	-0,412	-0,444	-0,427	-0,425	-0,402	-0,215	-0,099	0,124	0,562	0,334	0,214	-0,214	-0,214	-0,214


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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

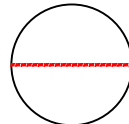
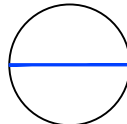
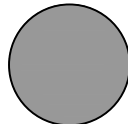
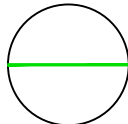
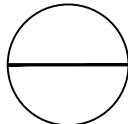
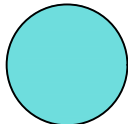

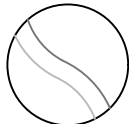


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 ESTAQUEAMENTO E PERFIL LONGITUDINAL		PRANCHA: 21 / 40
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: H 1/1000 V 1/100
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG	



Estaca	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	379
Cota do terreno	766,907	765,902	764,550	763,193	761,746	760,378	758,973	757,544	755,799	754,215	752,876	751,615	750,750	750,136	749,887	749,701	49,205	48,377	48,157
Cota da terraplenagem	766,757	765,762	764,405	763,047	761,688	760,329	758,970	757,611	756,253	754,894	753,535	752,176	750,817	749,619	749,077	749,067	749,067	48,377	48,157
Cota vermelha	-0,151	-0,140	-0,145	-0,146	-0,059	-0,049	-0,003	0,068	0,454	0,679	0,659	0,561	0,067	-0,517	-0,810	-0,634			


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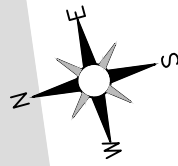
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



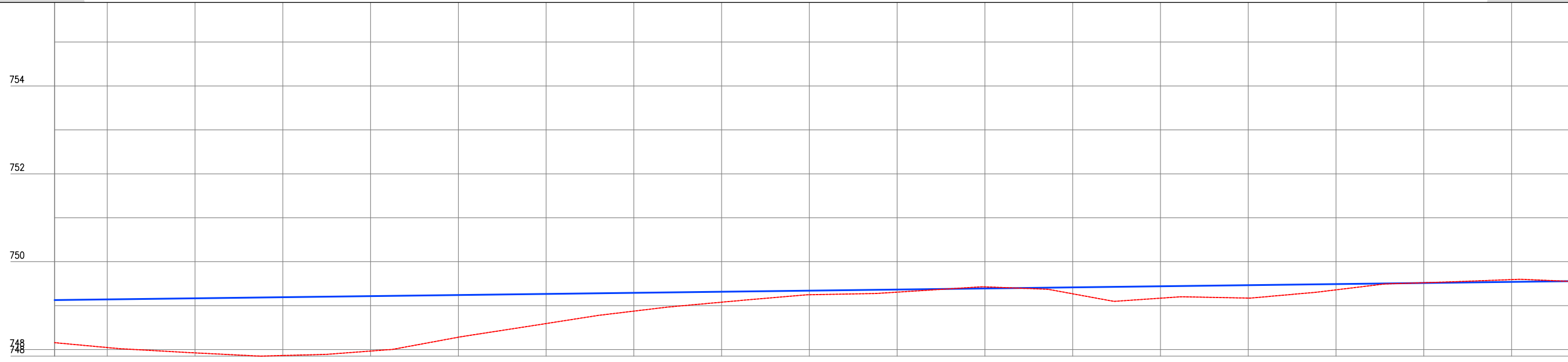
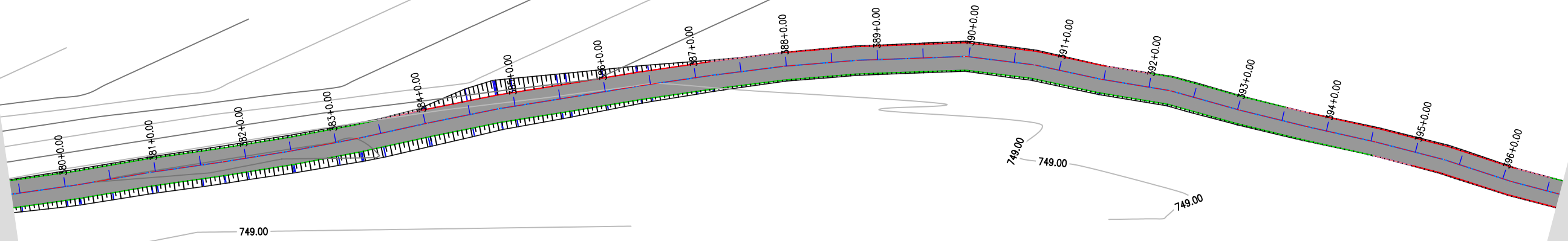
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
22 / 40
 ESCALA:
 H 1/1000
 V 1/100



0 1000 2000



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,970	749,127	748,157	379
1,095	749,142	748,046	380
1,242	749,167	747,924	381
1,327	749,192	747,865	382
1,250	749,217	747,966	383
0,960	749,242	748,281	384
0,674	749,266	748,592	385
0,416	749,291	748,875	386
0,238	749,316	749,079	387
0,093	749,341	749,248	388
0,059	749,366	749,307	389
-0,036	749,391	749,428	390
0,147	749,416	749,270	391
0,271	749,441	749,170	392
0,294	749,466	749,172	393
0,132	749,491	749,359	394
		49,521	395
		49,593	396
		49,554	396

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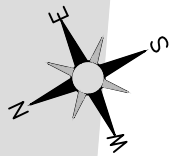
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



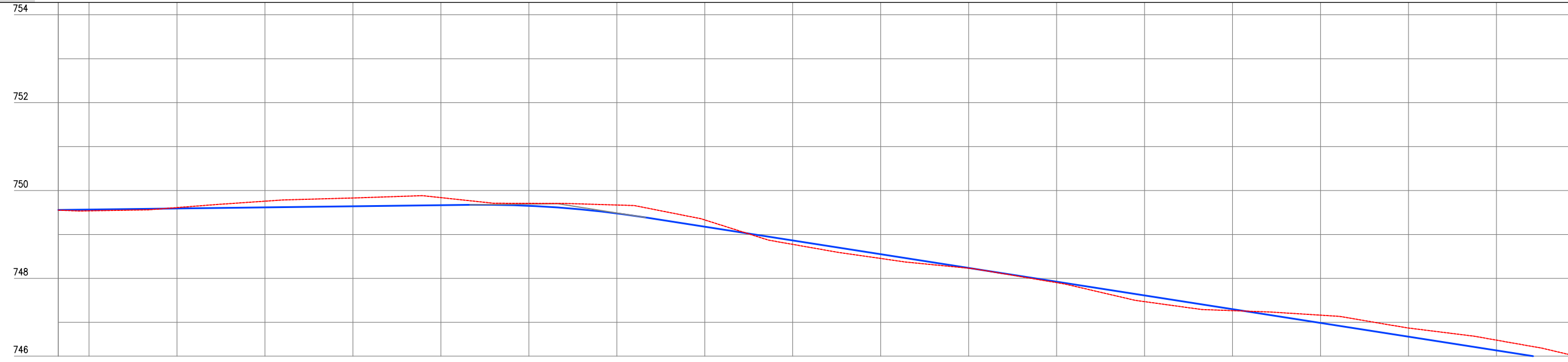
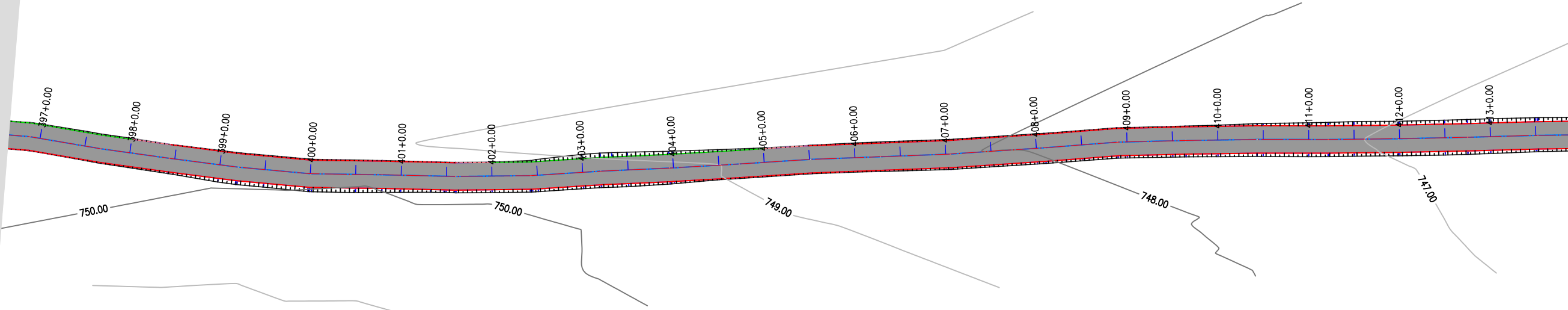
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOIEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
23 / 40
 ESCALA:
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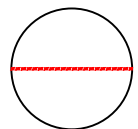


PRANCHA - 23
0 1000 2000

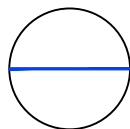


Cota da vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,003	749,557	749,554	396
0,028	749,566	749,538	397
-0,021	749,591	749,611	398
-0,142	749,616	749,757	399
-0,189	749,641	749,830	400
-0,173	749,666	749,838	401
-0,055	749,652	749,708	402
-0,191	749,479	749,670	403
-0,185	749,176	749,331	404
0,089	748,863	748,774	405
0,097	748,550	748,464	406
0,006	748,238	748,232	407
0,021	747,925	747,904	408
0,141	747,612	747,471	409
0,033	747,300	747,266	410
-0,176	746,987	747,163	411
-0,196	746,674	746,870	412
		46,595	413
		46,231	413

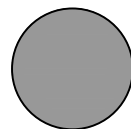
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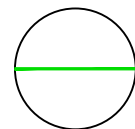
TERRENO NATURAL



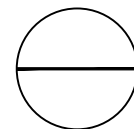
PROJETADO



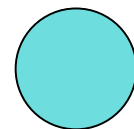
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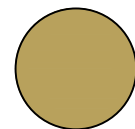
BORDO



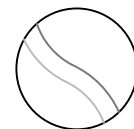
TALUDE



ATERRO



CORTE



CURVAS DE NÍVEL



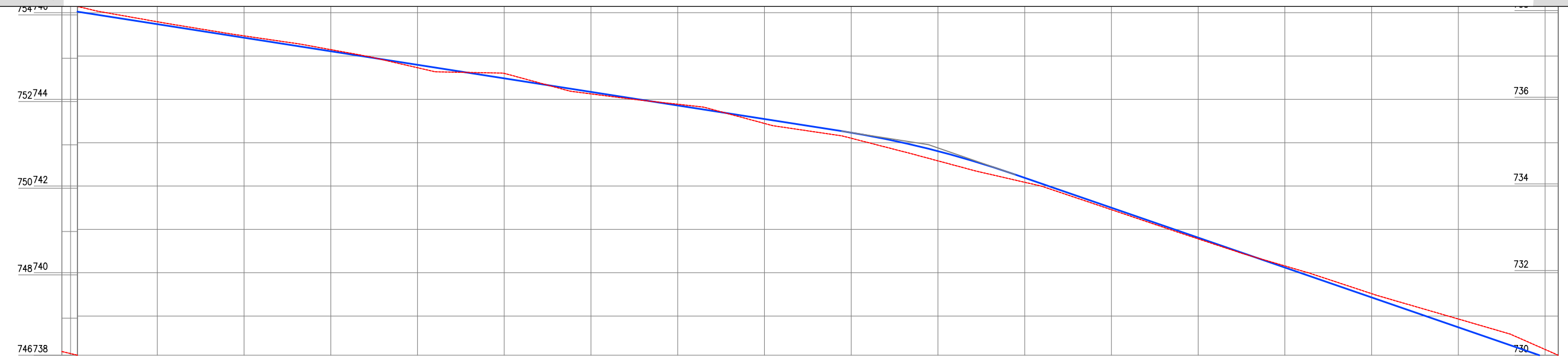
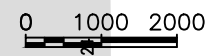
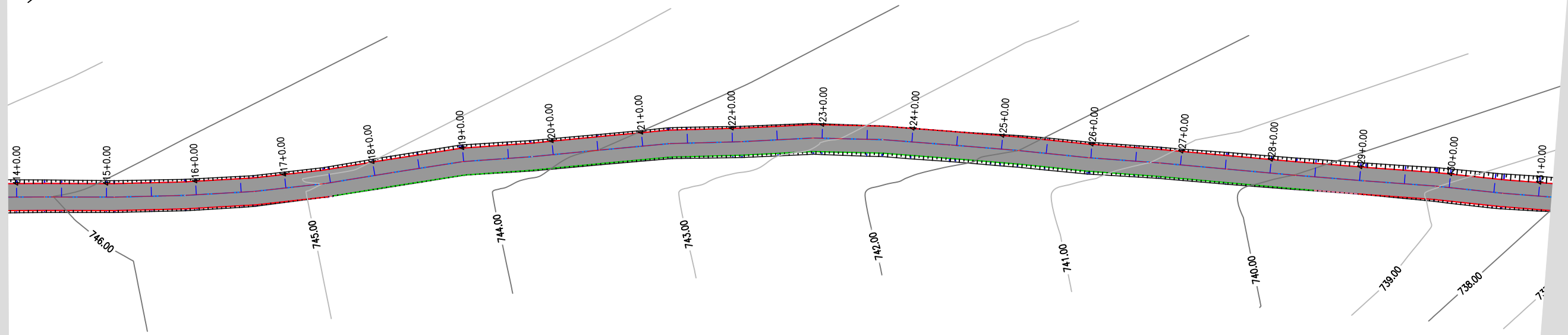
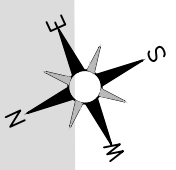
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA
 DO NORTE-CE - PT 1086270-03

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
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ESCALA:
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Cota da vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,151	746,080	746,231	413
-0,135	746,048	746,184	414
-0,056	745,736	745,792	415
-0,043	745,423	745,466	416
-0,038	745,111	745,148	417
0,067	744,798	744,731	418
-0,115	744,485	744,600	419
0,045	744,172	744,127	420
-0,028	743,860	743,888	421
0,102	743,547	743,445	422
0,130	743,233	743,103	423
0,224	742,805	742,581	424
0,103	742,190	742,087	425
0,045	741,500	741,455	426
0,029	740,810	740,781	427
-0,036	740,120	740,156	428
-0,087	739,430	739,516	429
		38,931	430
		38,228	431
		38,096	431

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

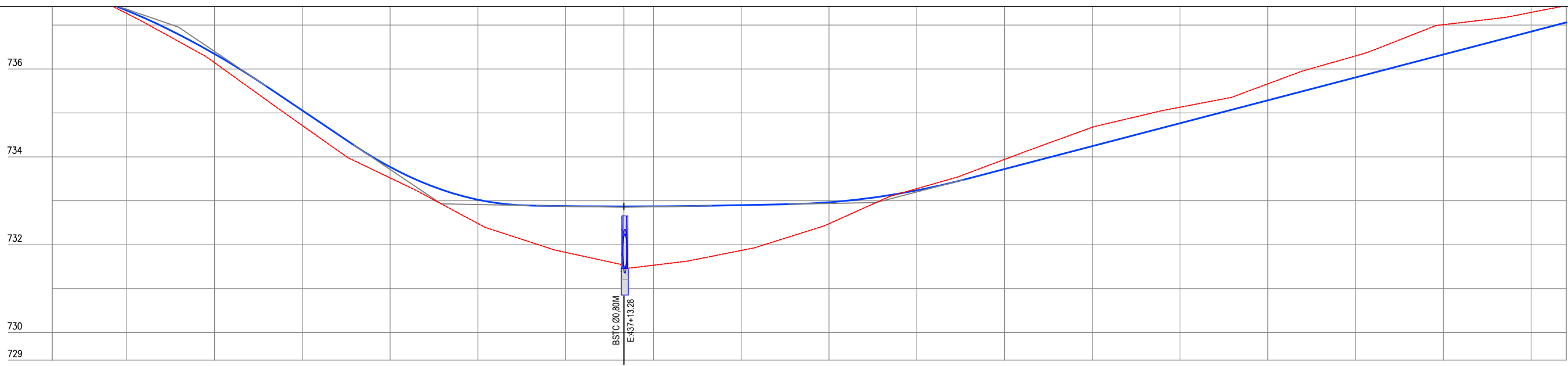
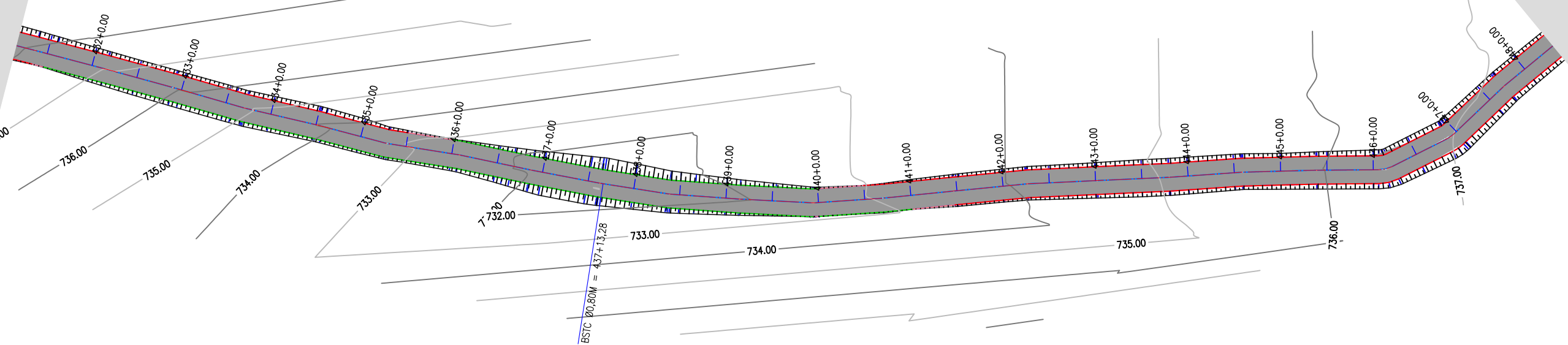
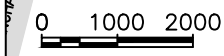
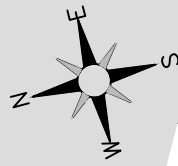


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

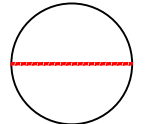
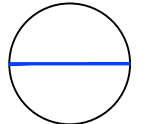
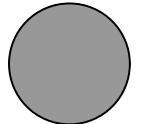
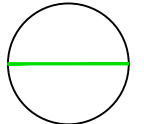
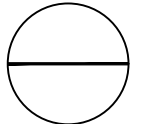
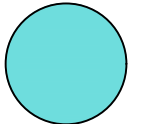

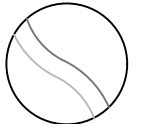
PRANCHA:
25 / 40

ESCALA:
 H 1/1000
 V 1/100



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,150	737,946	736,096	431
0,069	737,332	737,263	432
0,200	736,343	736,143	433
0,343	735,056	734,713	434
0,248	733,769	733,521	435
0,542	733,025	732,483	436
1,053	732,879	731,825	437
1,426	732,870	731,445	437+13,28
1,339	732,872	731,533	438
1,032	732,902	731,869	439
0,488	732,966	732,477	440
-0,040	733,236	733,276	441
-0,219	733,723	733,942	442
-0,430	734,244	734,674	443
-0,385	734,766	735,130	444
-0,375	735,287	735,662	445
-0,489	735,808	736,298	446
		37,009	447
		37,286	448
		37,444	448


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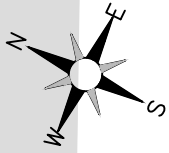
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



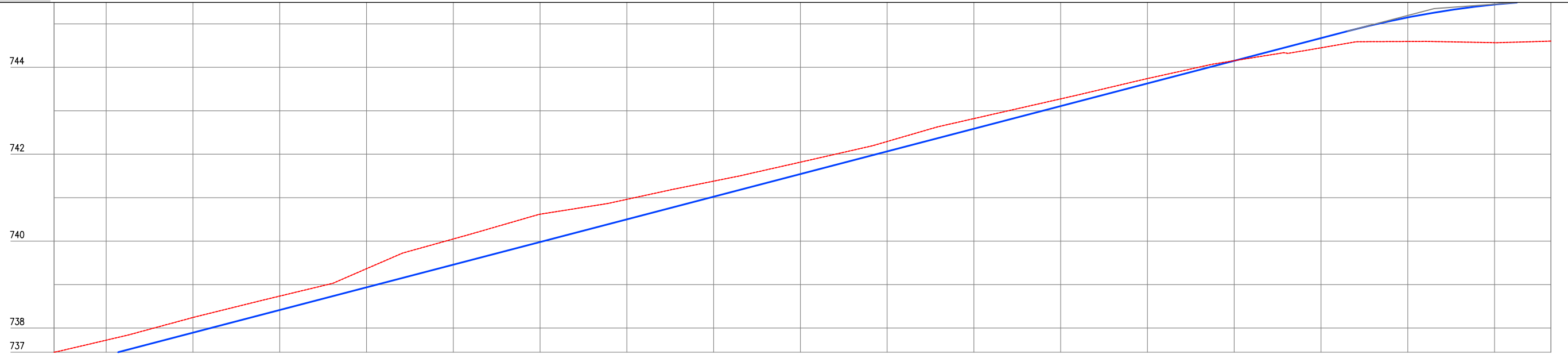
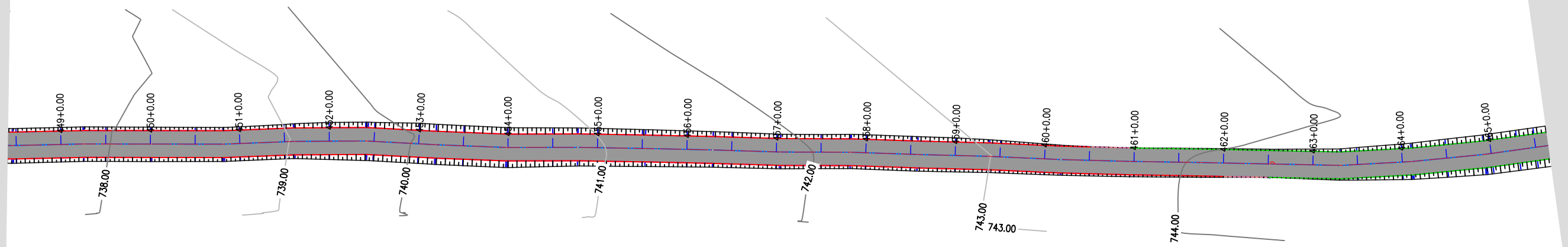
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
26 / 40
 ESCALA:
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 V 1/100

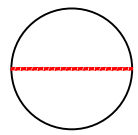


PRANCHA - 26
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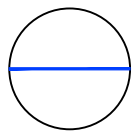


Estaca	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	465
Cota do terreno	737,444	737,720	738,242	738,735	739,385	740,049	740,619	740,961	741,380	741,817	742,293	742,820	743,274	743,741	744,153	744,449	744,595	44,567	44,603
Cota da terraplenagem	737,080	737,372	737,894	738,415	738,937	739,458	739,979	740,501	741,022	741,544	742,065	742,586	743,108	743,629	744,151	744,672	744,818		
Cota vermelha	-0,364	-0,348	-0,348	-0,320	-0,428	-0,591	-0,640	-0,460	-0,358	-0,273	-0,228	-0,233	-0,166	-0,112	-0,002	0,223			

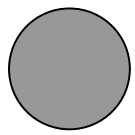
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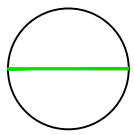
TERRENO NATURAL



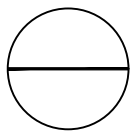
PROJETADO



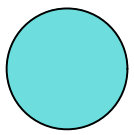
ESTRADA



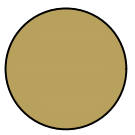
BORDO



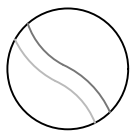
TALUDE



ATERRO



CORTE



CURVAS DE NÍVEL



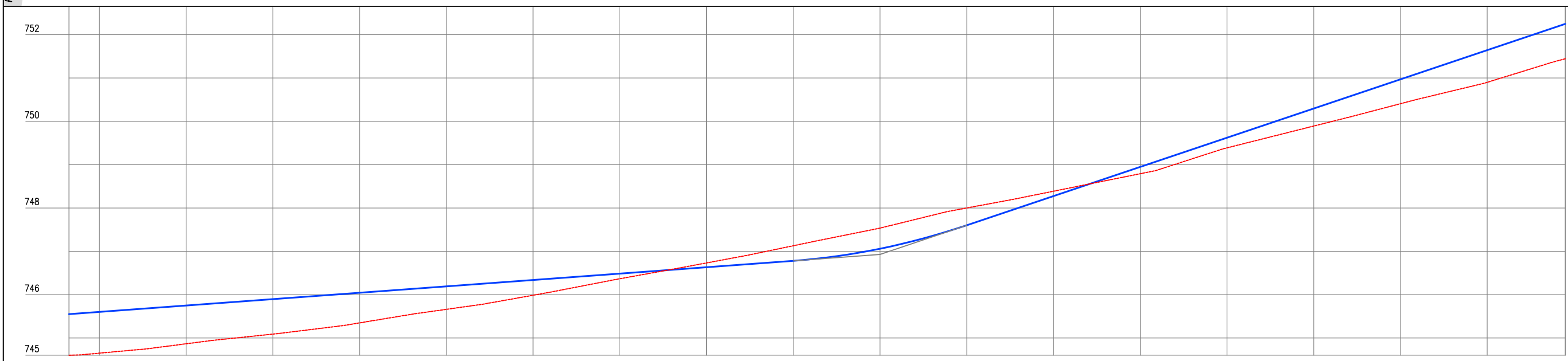
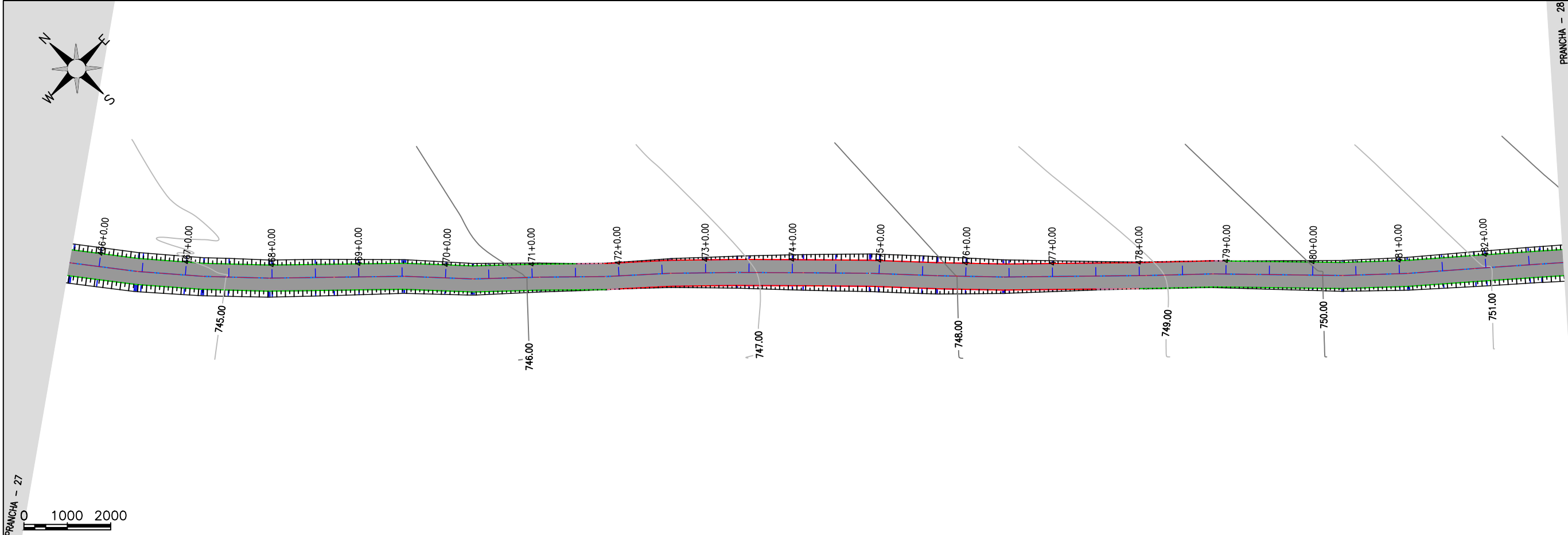
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
27 / 40

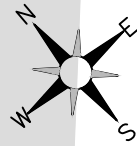
ESCALA:
 H 1/1000
 V 1/100



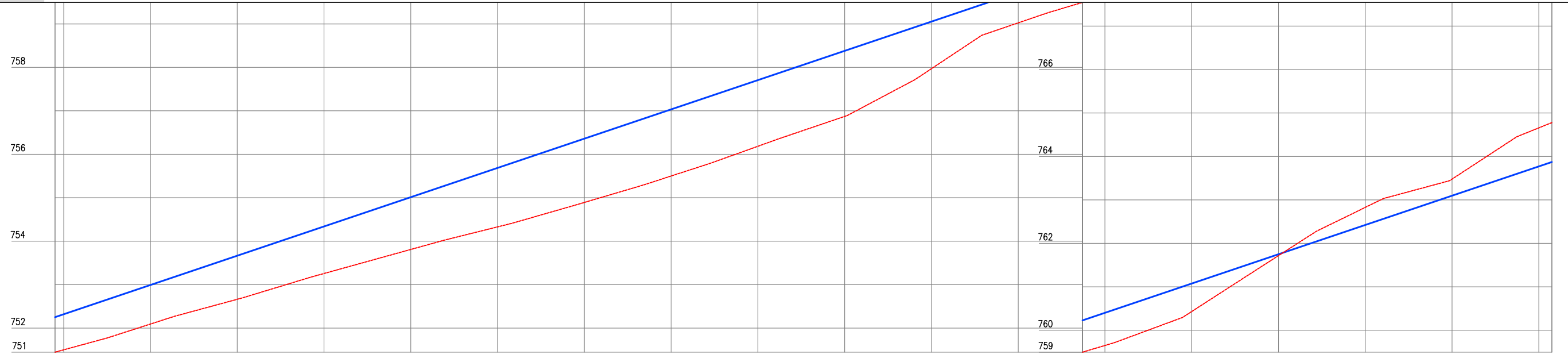
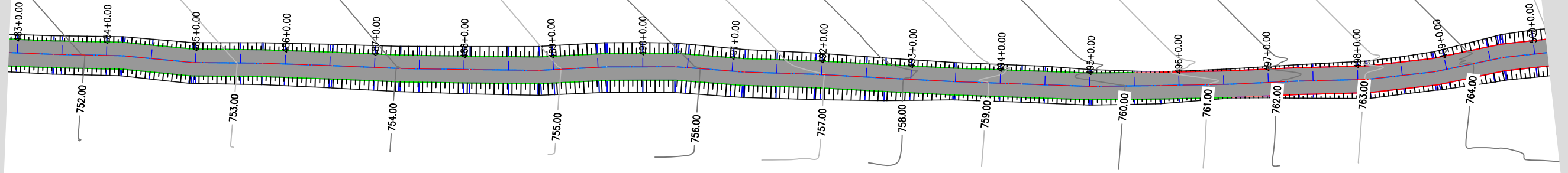
Cota Vermelha	Cota da terrapiagem	Cota do terreno	Estaca
0,947	745,550	744,603	465
0,952	745,602	744,650	466
0,883	745,749	744,866	467
0,807	745,897	745,089	468
0,685	746,044	745,349	469
0,530	746,192	745,661	470
0,352	746,339	745,987	471
0,119	746,486	746,367	472
-0,099	746,634	746,733	473
-0,348	746,781	747,129	474
-0,476	747,060	747,536	475
-0,398	747,602	748,001	476
-0,111	748,276	748,387	477
0,158	748,950	748,791	478
0,235	749,623	749,388	479
0,405	750,297	749,892	480
0,584	750,971	750,407	481
		50,900	482
		51,445	482

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<p>TERRENO NATURAL PROJETADO ESTRADA BORDO TALUDE ATERRO CORTE CURVAS DE NÍVEL</p>		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: 28 / 40
PROJETOISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG		ESCALA: H 1/1000 V 1/100		



PRANCHA - 28
0 1000 2000



Cota vermelha	Cota da terrapiagem	Cota do terreno	Estaca
0,805	752,251	751,445	482
0,818	752,318	751,500	483
0,899	752,992	752,093	484
1,003	753,686	752,683	485
1,083	754,339	753,256	486
1,203	755,013	753,810	487
1,358	755,686	754,329	488
1,469	756,360	754,891	489
1,534	757,034	755,500	490
1,523	757,707	756,104	491
1,510	758,381	756,671	492
1,086	759,055	757,969	493
0,704	759,728	759,024	494
0,752	760,402	759,650	495
0,645	761,076	760,431	496
0,032	761,749	761,718	497
-0,404	762,423	762,828	498
		53,479	499
		54,658	500
		54,779	500

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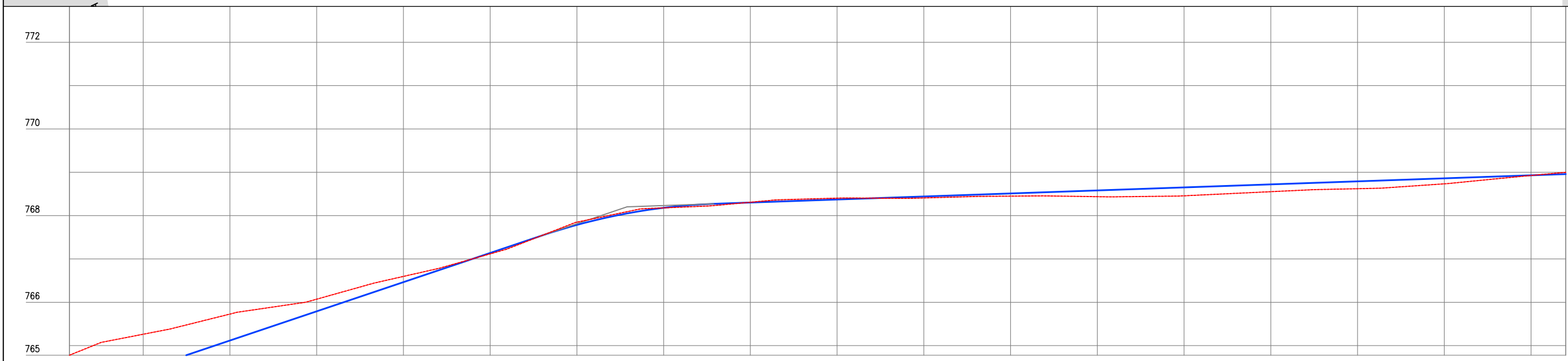
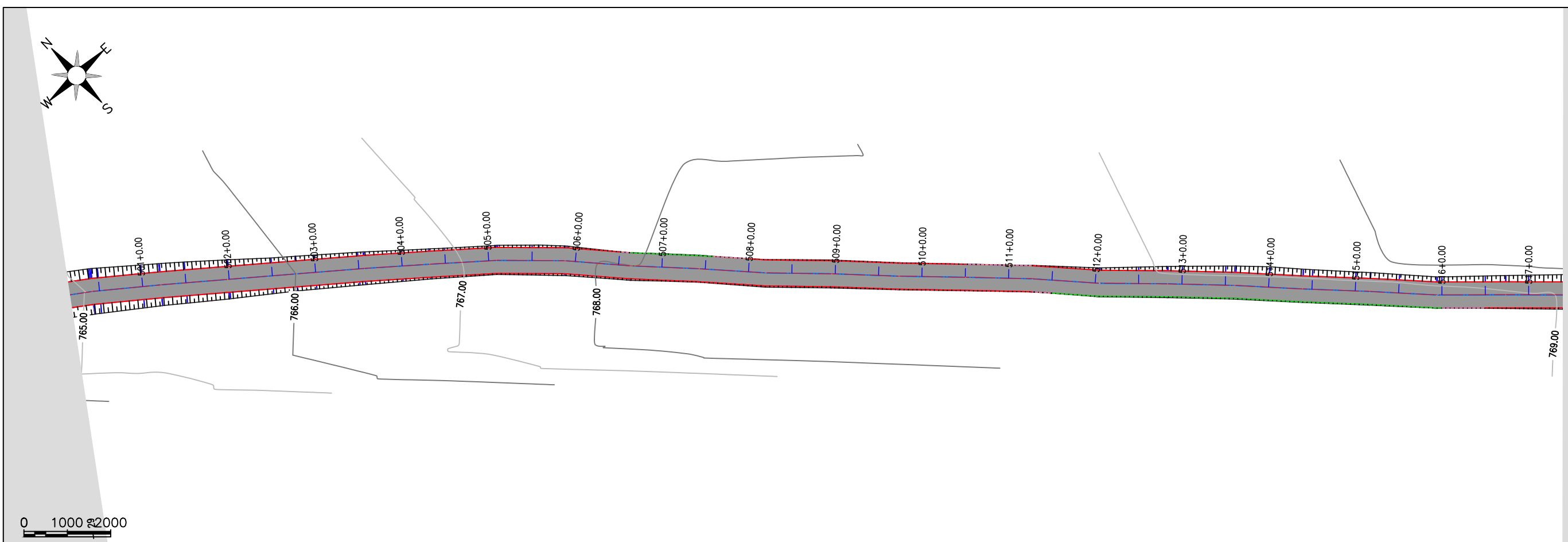
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

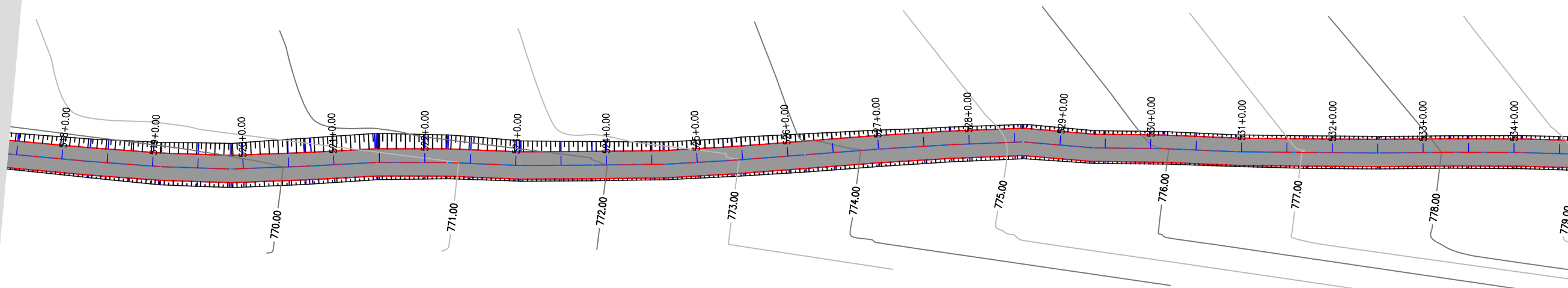
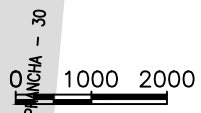
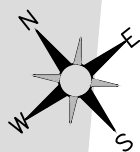
PRANCHA:
29 / 40
 ESCALA:
 H 1/1000
 V 1/100



Estaca	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	
Cota do terreno	764,779	765,262	765,728	766,071	766,597	767,118	767,849	768,178	768,309	768,403	768,408	768,450	768,437	768,457	768,553	768,621	768,734	768,926	769,099
Cota da terraplenagem	763,872	764,444	765,118	765,791	766,465	767,139	767,786	768,181	768,301	768,371	768,441	768,511	768,581	768,651	768,720	768,790			
Cota da vermelha	-0,907	-0,818	-0,610	-0,280	-0,132	0,021	-0,063	0,003	-0,007	-0,032	0,033	0,061	0,143	0,193	0,168	0,169			

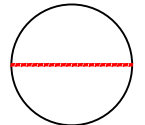
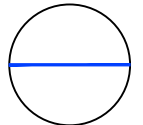
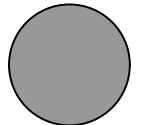
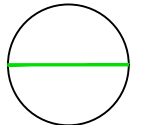
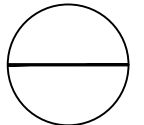
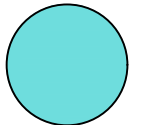

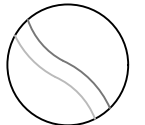
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							 JOTA BARROS PROJETOS	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 ESTAQUEAMENTO E PERFIL LONGITUDINAL		PRANCHA: 30 / 40
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE		PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG	ESCALA: H 1/1000 V 1/100	



Estaca	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	534
Cota do terreno	769,999	769,123	769,418	769,752	770,227	770,747	771,303	771,932	772,587	773,355	774,064	774,684	775,282	775,817	776,395	777,162	777,811	78,473	78,923
Cota da terraplenagem	769,958	769,000	769,078	769,384	769,931	770,581	771,231	771,882	772,532	773,182	773,832	774,482	775,132	775,782	776,432	777,083	777,733	78,473	78,923
Cota vermelha	-0,042	-0,123	-0,340	-0,388	-0,296	-0,166	-0,072	-0,050	-0,055	-0,173	-0,232	-0,202	-0,150	-0,035	0,038	-0,080	0,078	0,000	0,000


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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE

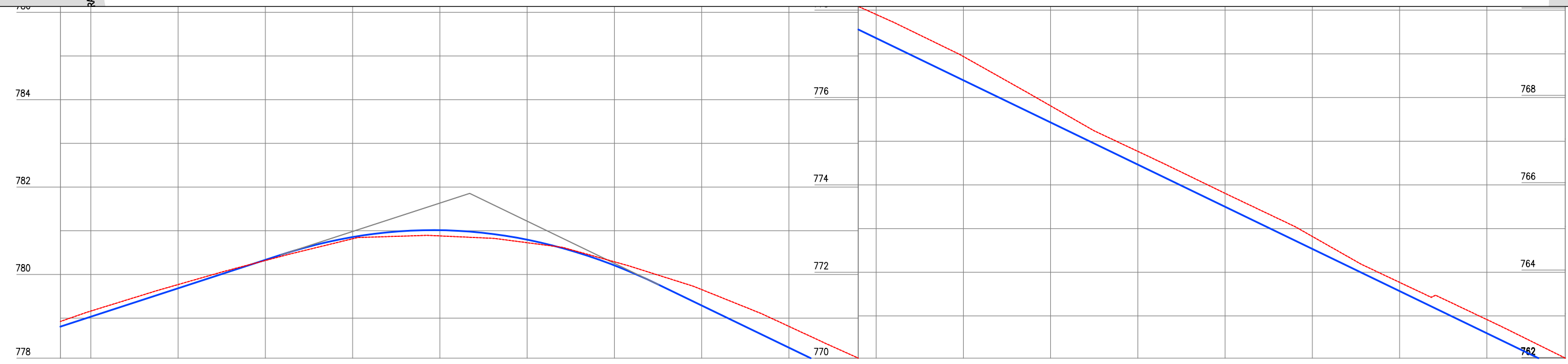
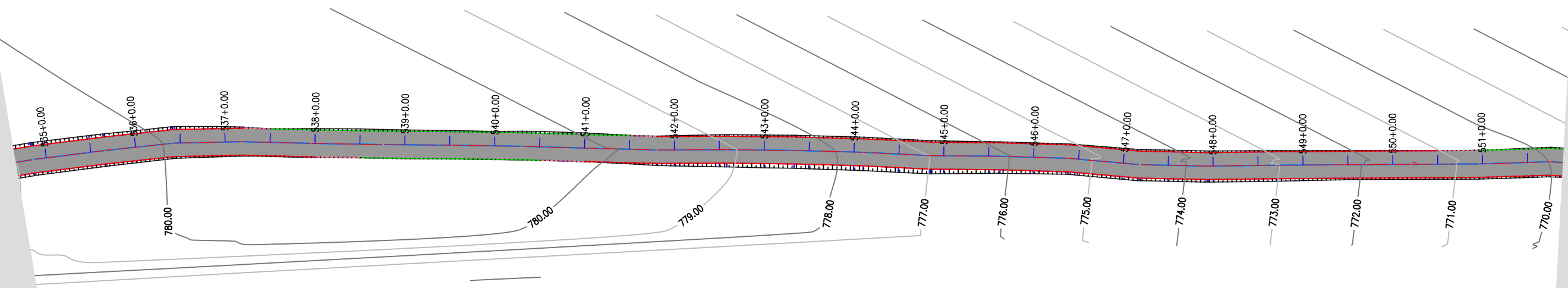
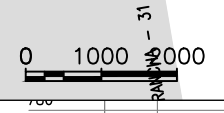
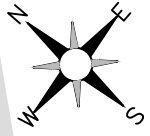
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PRANCHA: **31 / 40**

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

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG



Cota Vermelha	Cota da terrapiagem	Cota do terreno	Estaca
-0,118	778,805	778,923	534
-0,130	779,033	779,163	535
-0,086	779,683	779,769	536
0,014	780,333	780,319	537
0,040	780,857	780,817	538
0,131	781,013	780,882	539
0,070	780,787	780,727	540
-0,083	780,207	780,290	541
-0,384	779,290	779,654	542
-0,487	778,325	778,812	543
-0,541	777,360	777,902	544
-0,544	776,395	776,939	545
-0,379	775,430	775,809	546
-0,302	774,465	774,767	547
-0,307	773,500	773,807	548
-0,285	772,535	772,819	549
-0,199	771,570	771,769	550
		70,917	551
		70,034	551

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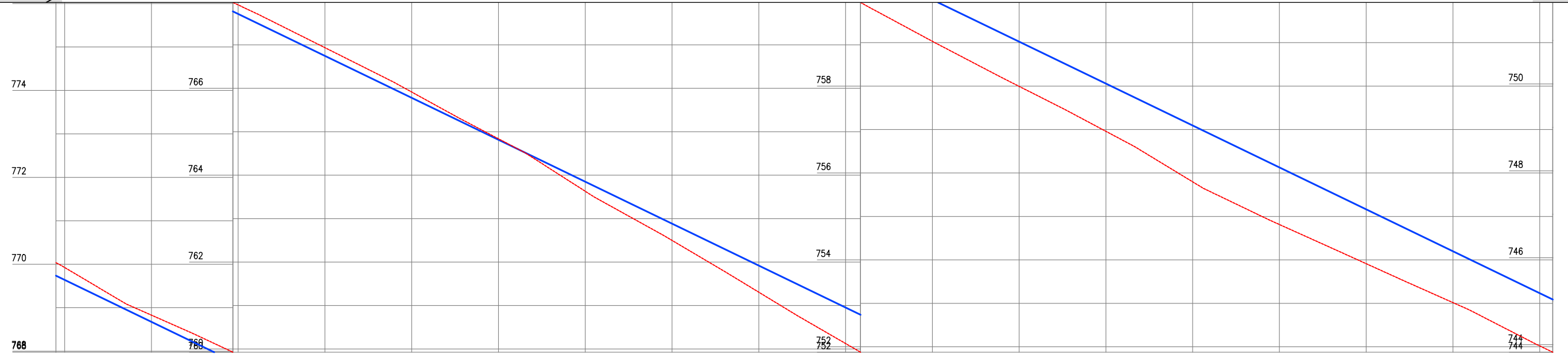
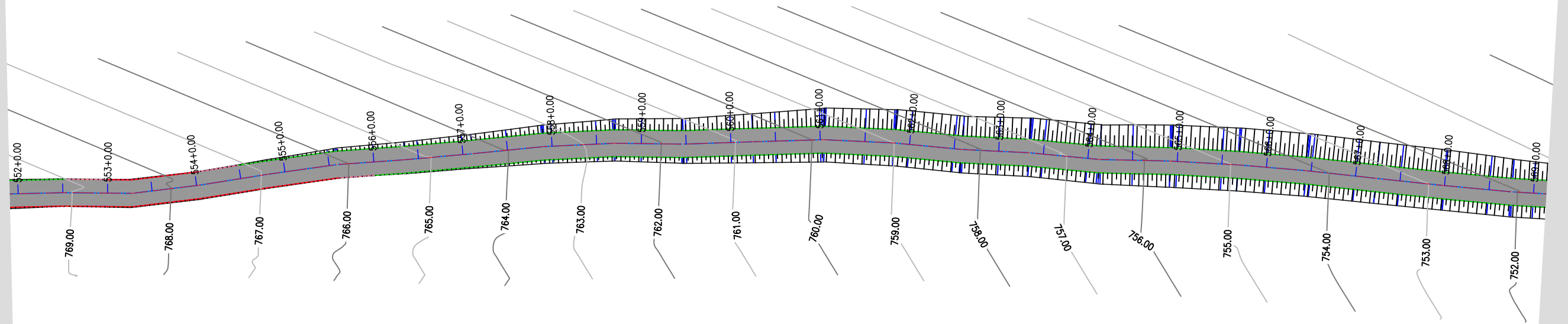
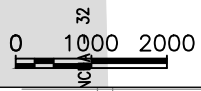
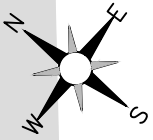
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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

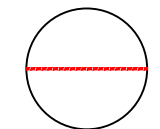
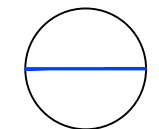
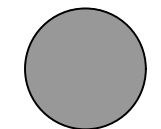
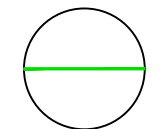
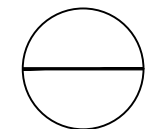
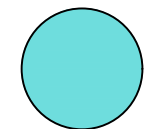

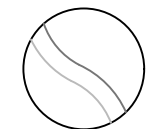
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
32 / 40
 ESCALA:
 H 1/1000
 V 1/100



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
551	770,034	769,736	-0,298
552	769,925	769,639	-0,286
553	768,829	768,674	-0,155
554	767,918	767,709	-0,209
555	766,934	766,744	-0,190
556	765,913	765,779	-0,134
557	764,837	764,814	-0,023
558	763,629	763,849	0,219
559	762,498	762,984	0,386
560	761,306	761,919	0,612
561	760,126	760,954	0,828
562	759,031	759,988	0,957
563	757,994	759,023	1,029
564	756,960	758,058	1,099
565	755,797	757,083	1,297
566	754,814	756,128	1,314
567	753,913	755,163	1,250
568	53,017		
569	52,020		
569	51,876		


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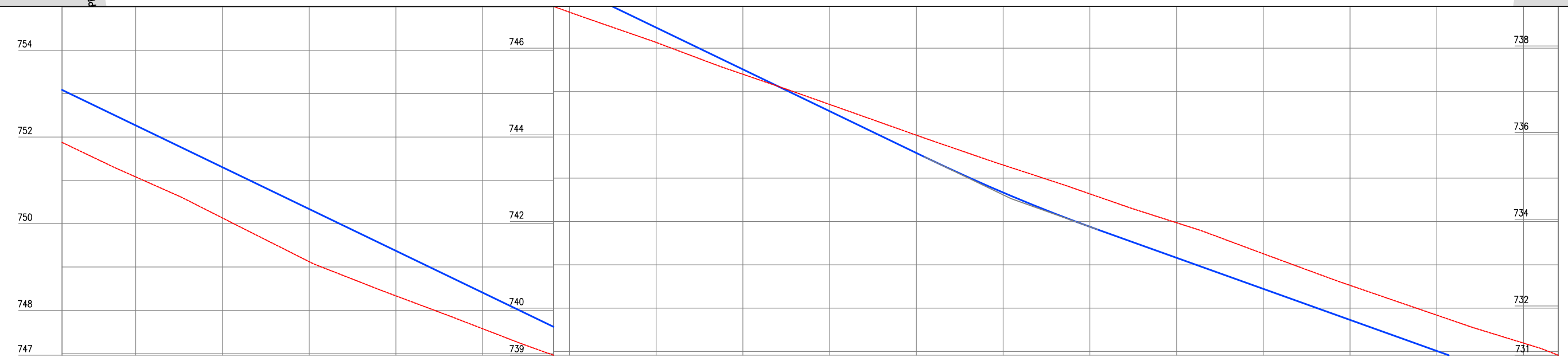
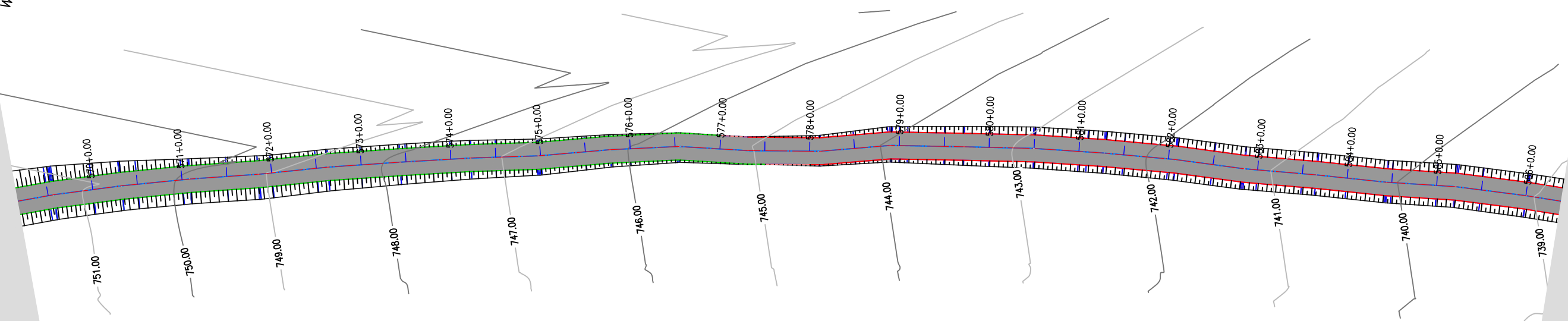
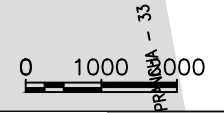
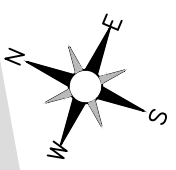
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
33 / 40
 ESCALA:
 H 1/1000
 V 1/100



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
569	751,876	753,088	1,212
570	751,079	752,288	1,189
571	750,132	751,303	1,171
572	749,123	750,338	1,215
573	748,333	749,373	1,039
574	747,575	748,408	0,833
575	746,833	747,442	0,610
576	746,133	746,477	0,344
577	745,399	745,512	0,114
578	744,702	744,547	-0,155
579	743,992	743,582	-0,410
580	743,304	742,668	-0,635
581	742,638	741,879	-0,759
582	741,971	741,162	-0,810
583	741,256	740,445	-0,810
584	740,526	739,729	-0,797
585	39,838		
586	39,193		
586	39,914		

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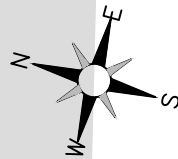
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



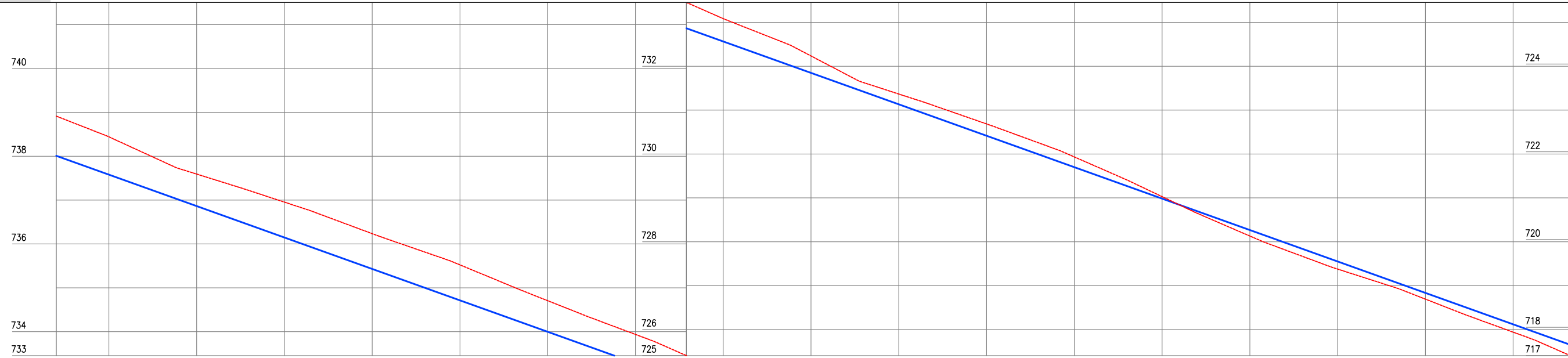
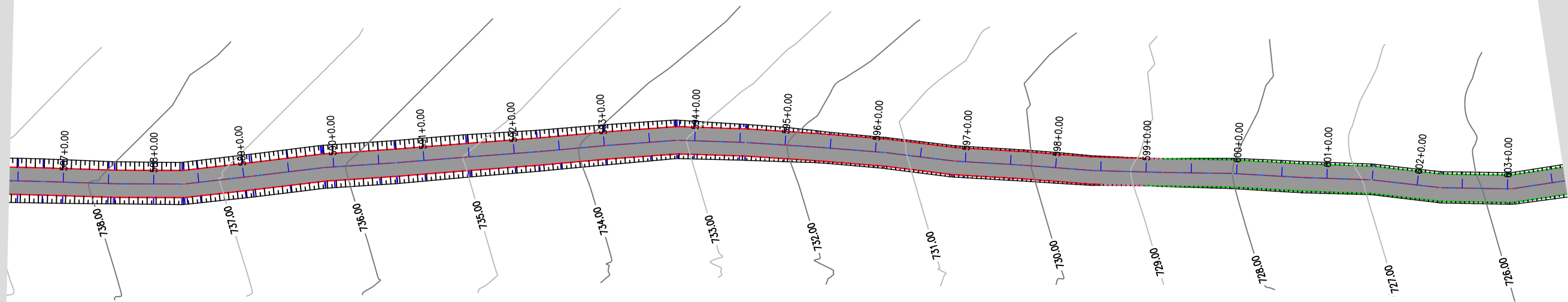
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
34 / 40
 ESCALA:
 H 1/1000
 V 1/100

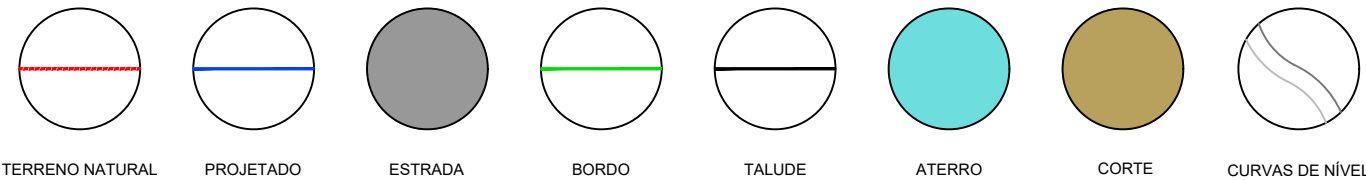


PRANCHA - 34
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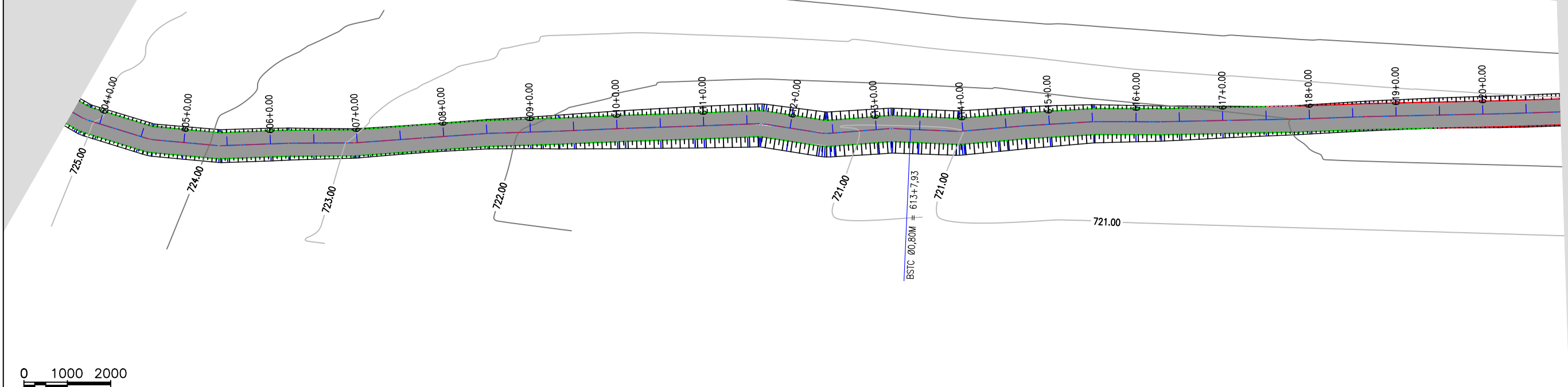
Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,905	738,010	738,914	586
-0,861	737,590	738,441	587
-0,729	736,864	737,593	588
-0,806	736,147	736,954	589
-0,804	735,431	736,235	590
-0,809	734,714	735,523	591
-0,708	733,998	734,706	592
-0,656	733,282	733,938	593
-0,520	732,565	733,086	594
-0,386	731,849	732,235	595
-0,235	731,133	731,367	596
-0,270	730,416	730,686	597
-0,234	729,700	729,934	598
-0,045	728,983	729,028	599
0,136	728,267	728,131	600
0,174	727,551	727,377	601
		726,693	602
		25,940	603
		25,405	603

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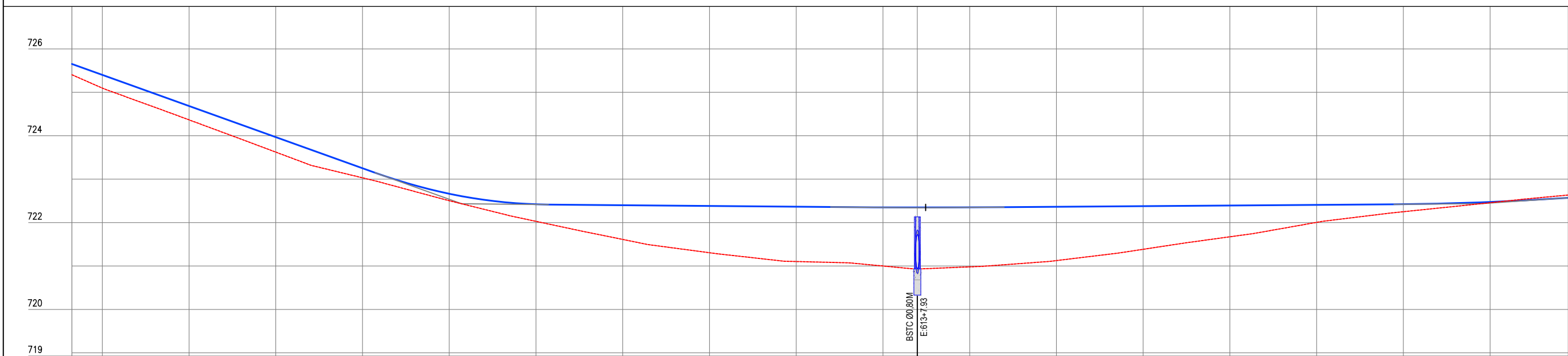


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
35 / 40
 ESCALA:
 H 1/1000
 V 1/100



0 1000 2000



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,247	725,652	725,405	603
0,303	725,402	725,098	604
0,319	724,685	724,367	605
0,345	723,969	723,623	606
0,221	723,252	723,031	607
0,160	722,664	722,504	608
0,393	722,422	722,029	609
0,768	722,400	721,612	610
1,077	722,383	721,306	611
1,262	722,365	721,103	612
1,351	722,351	721,000	613
1,418	722,349	720,931	613+7,93
1,371	722,351	720,980	614
1,239	722,364	721,125	615
0,994	722,379	721,385	616
0,720	722,393	721,673	617
0,402	722,407	722,005	618
0,172	722,422	722,251	619
		22,456	620
		22,635	620

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

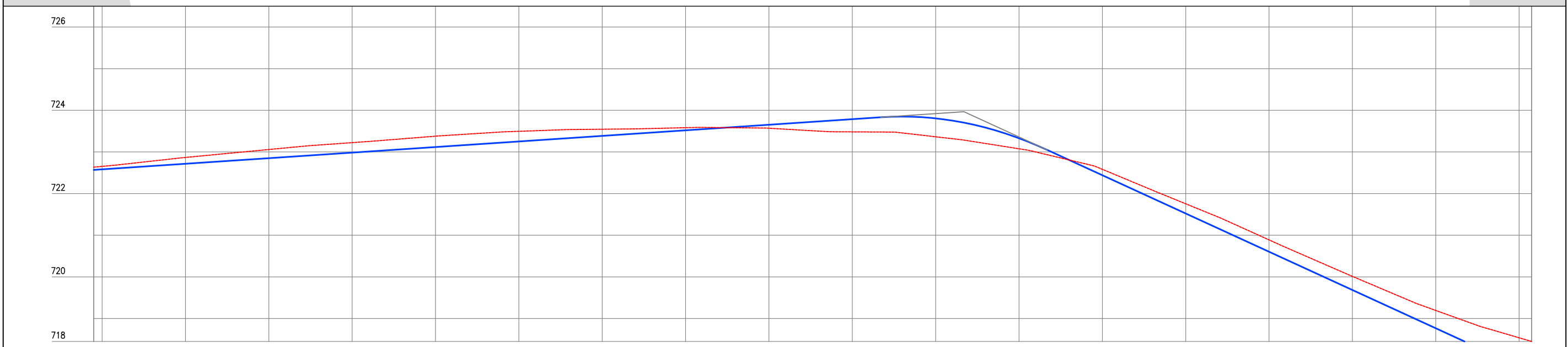
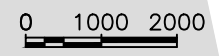
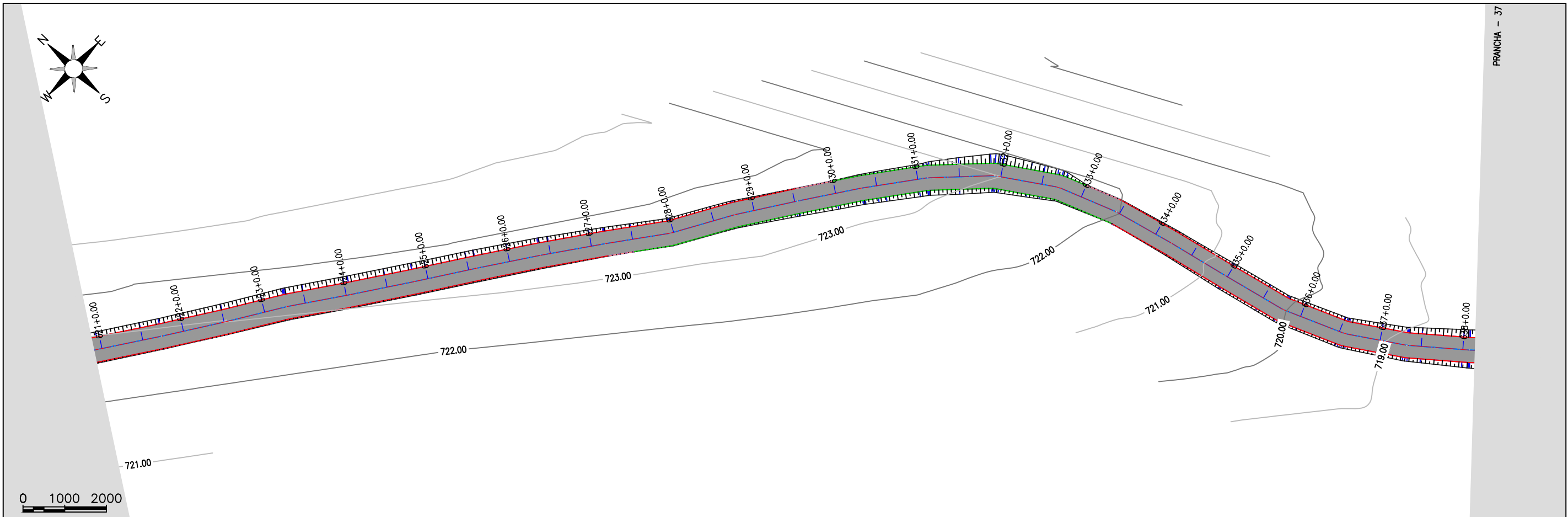


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
36 / 40

ESCALA:
 H 1/1000
 V 1/100



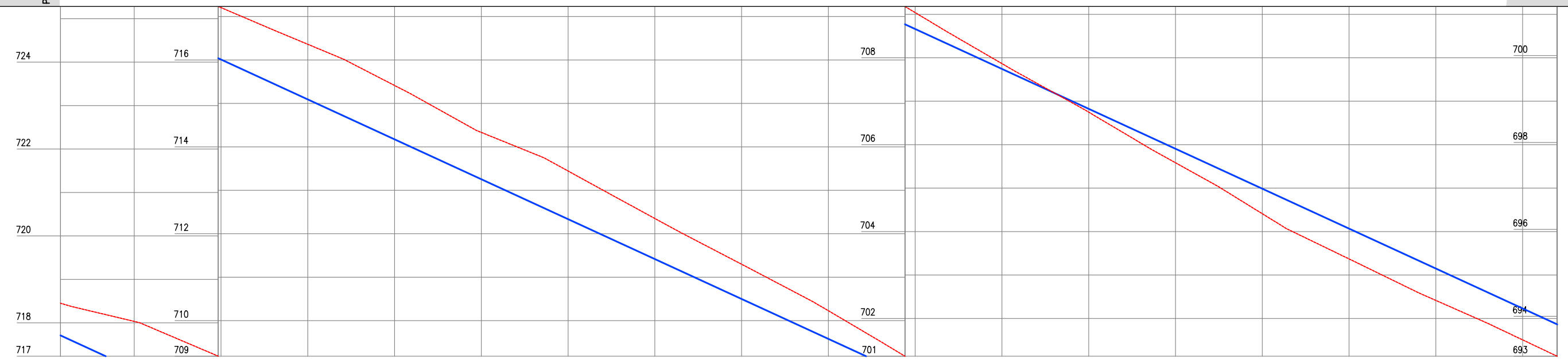
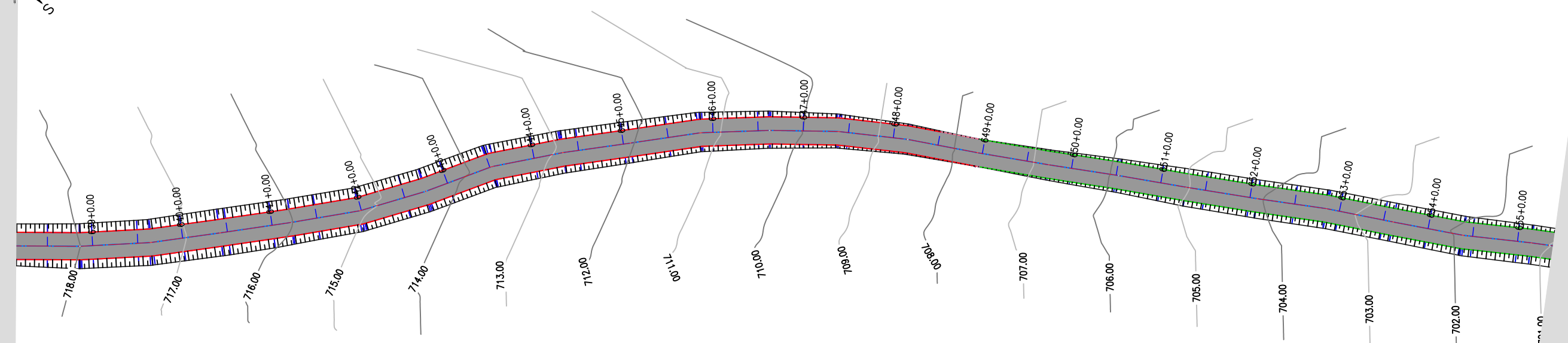
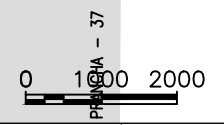
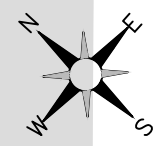
Estaca	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	
Cota do terreno	722,635	722,694	722,868	723,059	723,224	723,379	723,495	723,546	723,582	723,570	723,482	723,365	723,076	722,583	721,756	720,889	720,013	19,194	16,538	16,451
Cota da terraplenagem	722,570	722,585	722,717	722,851	722,985	723,116	723,252	723,386	723,520	723,653	723,787	723,806	723,330	722,442	721,523	720,604	719,686			
Cota vermelha	-0,065	-0,070	-0,151	-0,208	-0,239	-0,261	-0,243	-0,160	-0,063	0,084	0,305	0,442	0,254	-0,142	-0,233	-0,284	-0,327			

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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: 37 / 40
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: H 1/1000 V 1/100
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG	



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
638	718,451	717,711	-0,740
639	718,033	716,930	-1,103
640	717,205	716,011	-1,194
641	716,381	715,092	-1,289
642	715,413	714,174	-1,239
643	714,332	713,255	-1,077
644	713,444	712,336	-1,108
645	712,352	711,418	-0,934
646	711,298	710,499	-0,799
647	710,228	709,580	-0,647
648	709,040	708,662	-0,378
649	707,866	707,743	-0,123
650	706,749	706,824	0,076
651	705,584	705,906	0,321
652	704,412	704,987	0,575
653	703,371	704,068	0,697
654	702,416		
655	701,508		
655	701,132		

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

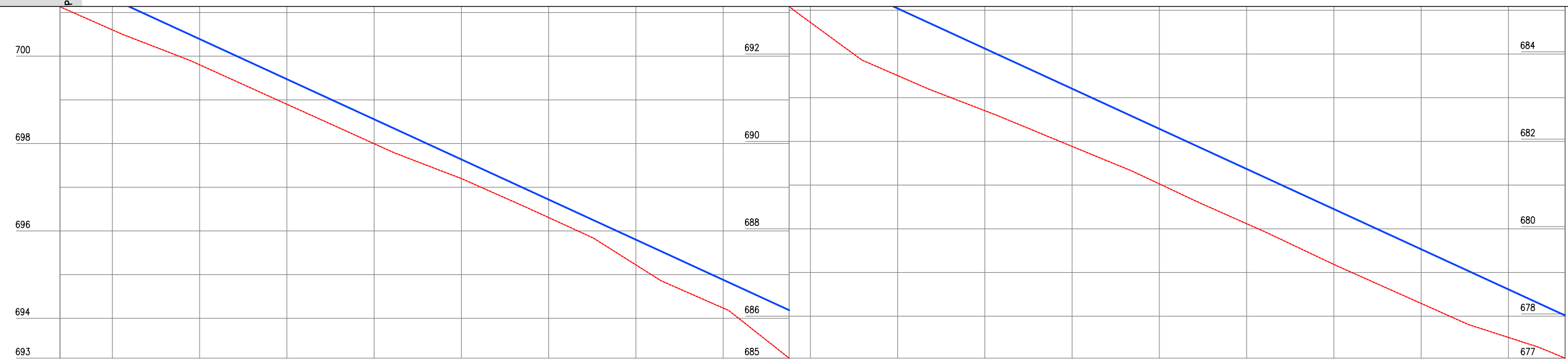
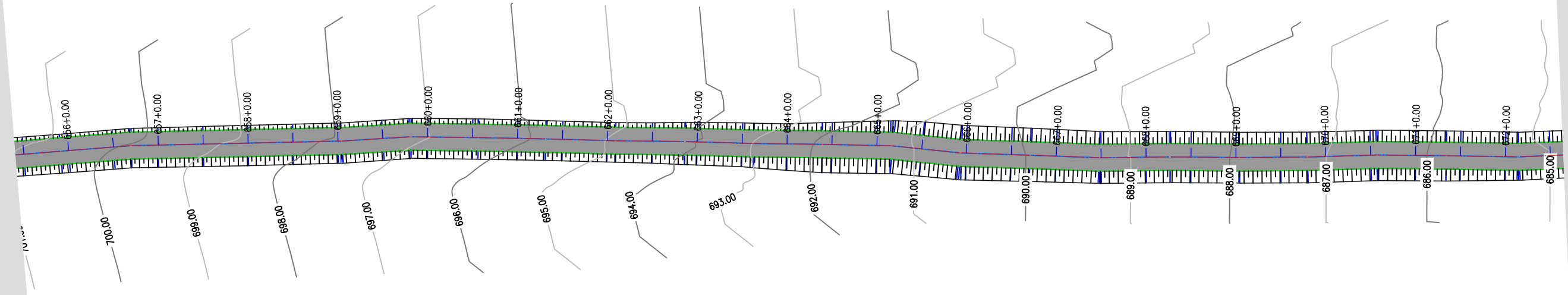
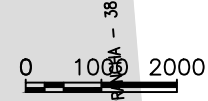
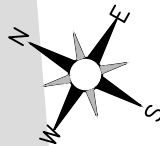


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

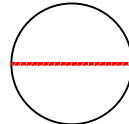
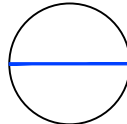
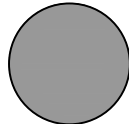
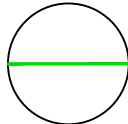
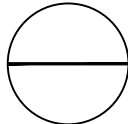
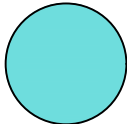

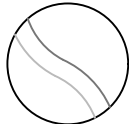
PRANCHA:
38 / 40

ESCALA:
 H 1/1000
 V 1/100



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,731	701,863	701,132	655
0,710	701,312	700,603	656
0,591	700,394	699,803	657
0,575	699,475	699,900	658
0,559	698,556	697,998	659
0,439	697,637	697,199	660
0,412	696,719	696,307	661
0,577	695,800	695,224	662
0,646	694,881	694,236	663
1,238	693,963	692,724	664
1,537	693,044	691,507	665
1,423	692,125	690,703	666
1,322	691,207	689,885	667
1,261	690,288	689,027	668
1,253	689,369	688,116	669
1,268	688,451	687,183	670
1,241	687,532	686,291	671
		35,513	672
		35,039	672


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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

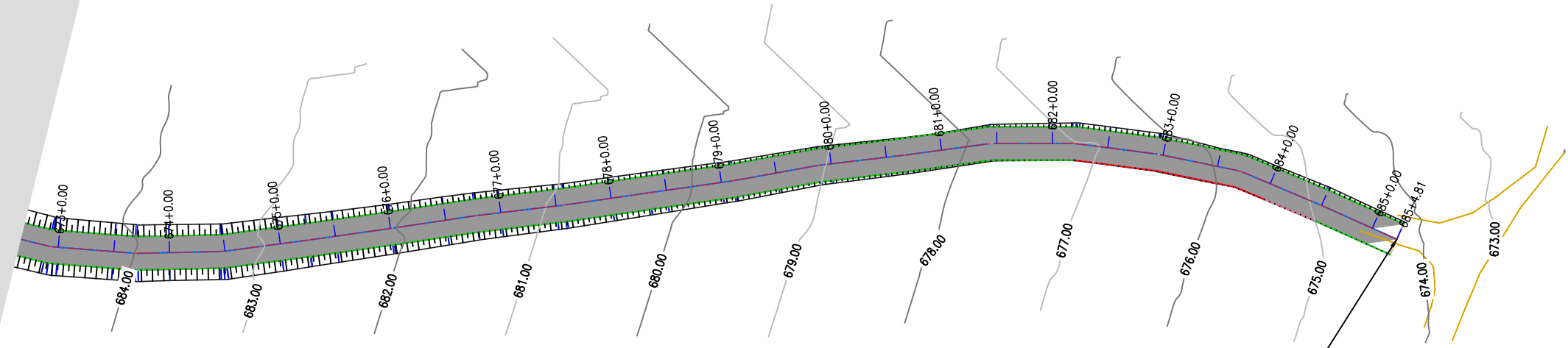
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
39 / 40
 ESCALA:
 H 1/1000
 V 1/100

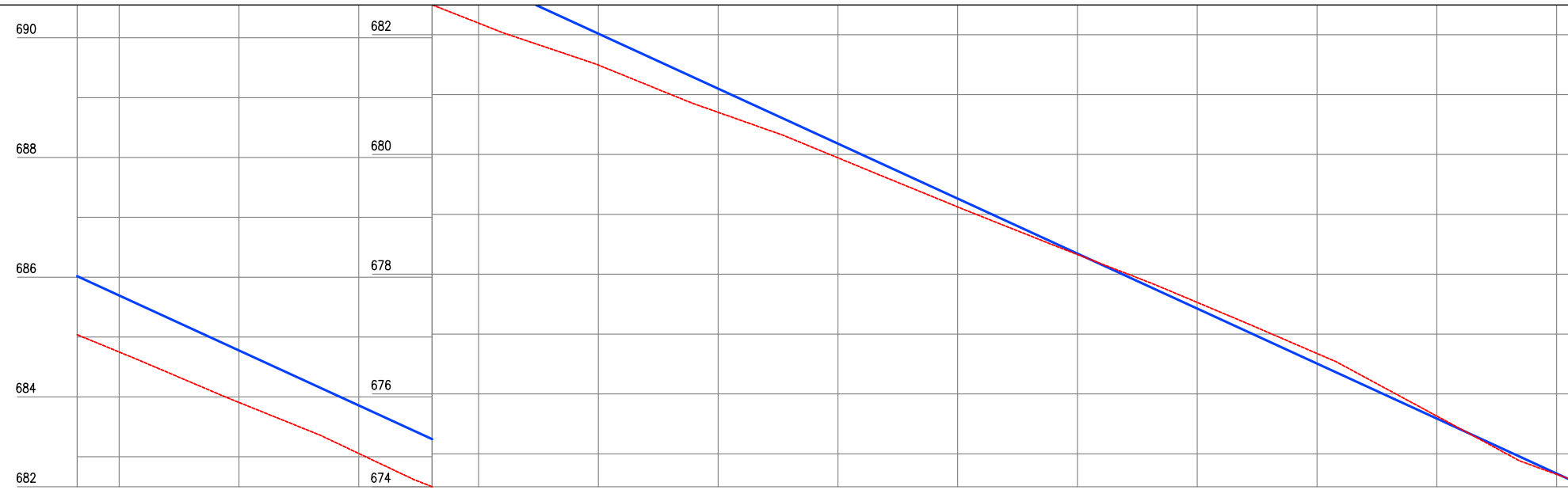


0 1000 2000

MCHA - 39



E: 295067.889
N: 9526449.563



Estaca	672	673	674	675	676	677	678	679	680	681	682	683	684	685	685
Cota do terreno	685,039	684,751	683,908	683,055	682,195	681,495	680,705	679,945	679,124	678,329	677,529	676,676	675,630	674,656	674,449
Cota da terraplenagem	686,016	685,695	684,776	683,857	682,939	682,020	681,101	680,183	679,264	678,345	677,427	676,508	675,589	674,671	674,449
Cota vermelha	0,978	0,944	0,868	0,802	0,744	0,525	0,396	0,238	0,140	0,016	-0,102	-0,186	-0,041	0,014	0,000

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

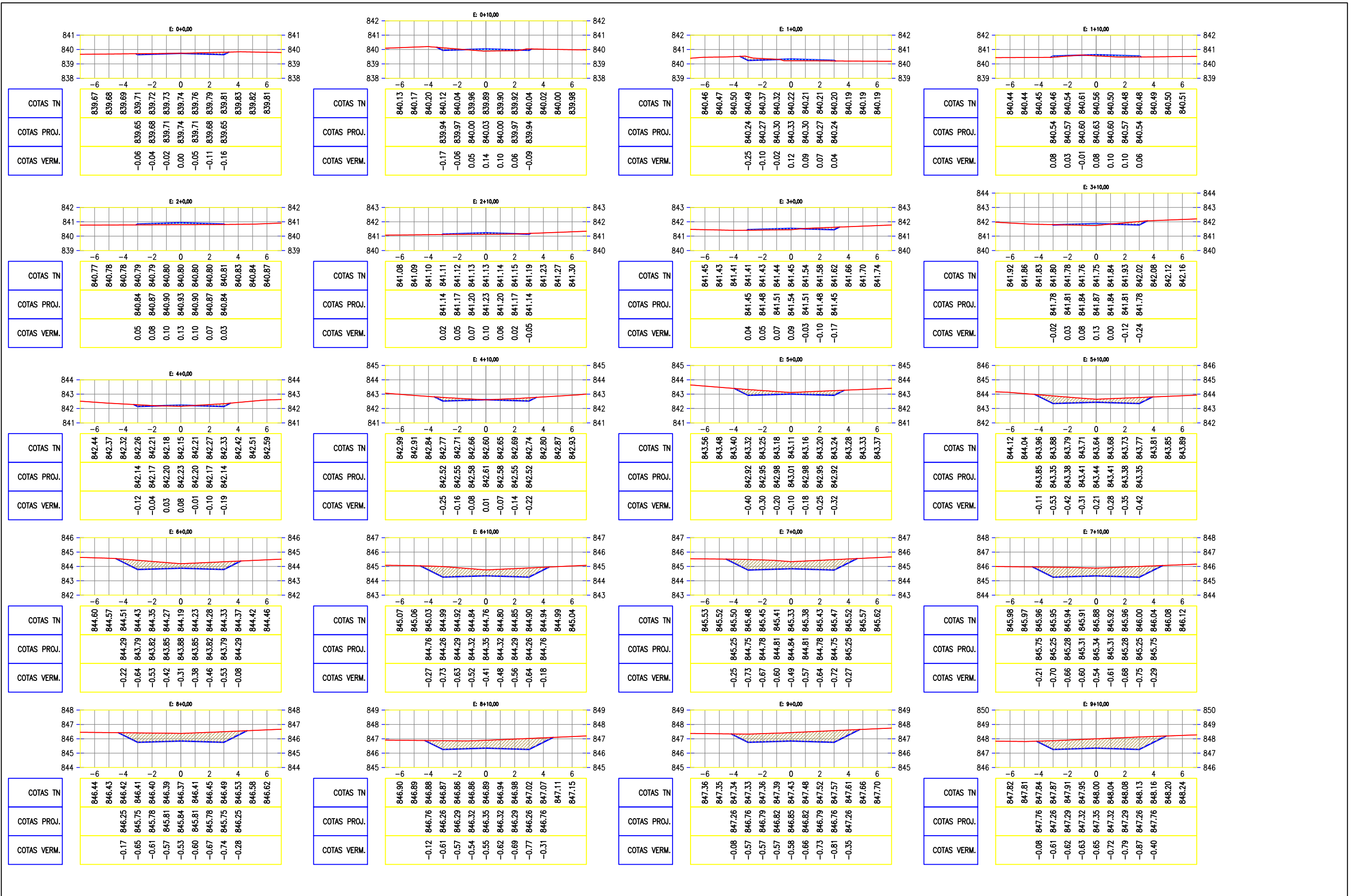


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	14- SÍTIO LIMOEIRO DOS POMPEUS A DESCOBERTA - GEO.DWG

PRANCHA:
40 / 40

ESCALA:
 H 1/1000
 V 1/100



LEGENDA:

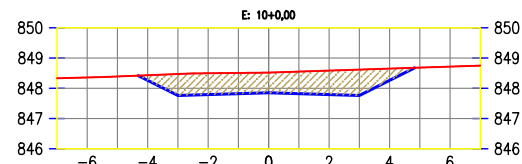


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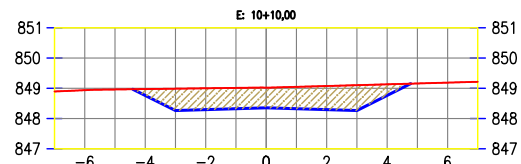


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
SEÇÕES TRANSVERSAIS
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

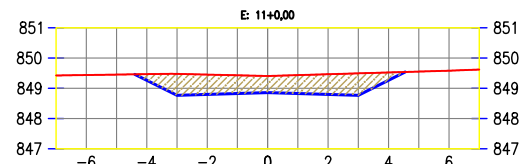
PRANCHA:
1 / 73
 ESCALA:
 1/250



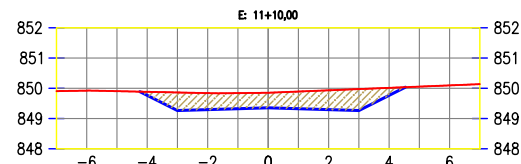
COTAS TN	848,36	848,39	848,43	848,47	848,49	848,51	848,52	848,55	848,58	848,62	848,65	848,68	848,71
COTAS PROJ.		-0,17	848,26	848,43	-0,71	847,76	848,47	-0,70	847,79	848,49	-0,69	847,82	848,51
COTAS VERM.													



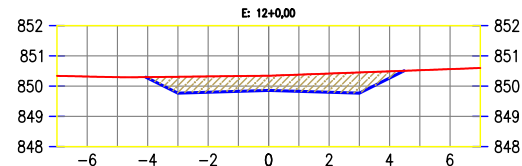
COTAS TN	848,94	848,96	848,97	848,98	849,00	849,01	849,02	849,05	849,07	849,10	849,13	849,16	849,19
COTAS PROJ.		-0,21	848,76	848,98	-0,72	848,26	849,00	-0,71	848,29	849,07	-0,78	848,26	849,10
COTAS VERM.													



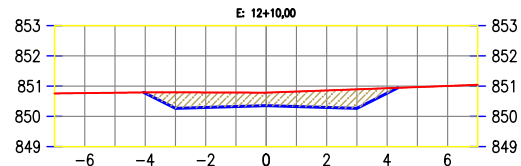
COTAS TN	849,44	849,45	849,47	849,47	849,45	849,43	849,40	849,43	849,46	849,49	849,52	849,55	849,58
COTAS PROJ.		-0,20	849,26	849,47	-0,71	848,76	849,47	-0,66	848,79	849,45	-0,60	848,82	849,43
COTAS VERM.													



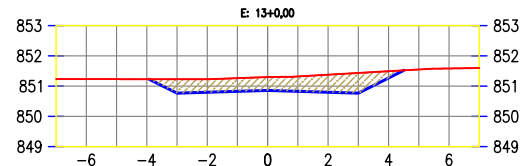
COTAS TN	849,92	849,90	849,88	849,86	849,84	849,84	849,85	849,89	849,89	849,93	849,97	850,01	850,05	850,09
COTAS PROJ.		-0,12	849,76	849,88	-0,60	849,26	849,86	-0,54	849,29	849,84	-0,51	849,32	849,85	
COTAS VERM.														



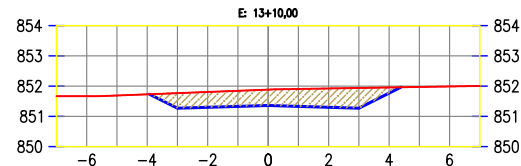
COTAS TN	850,32	850,30	850,30	850,31	850,32	850,33	850,34	850,38	850,42	850,45	850,49	850,53	850,56
COTAS PROJ.		-0,03	850,27	850,31	-0,54	849,77	850,32	-0,51	849,83	850,33	-0,49	849,86	850,34
COTAS VERM.													



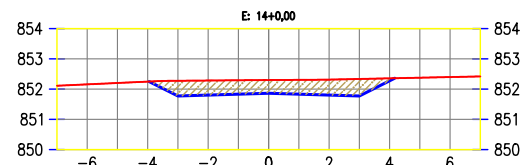
COTAS TN	850,77	850,78	850,79	850,79	850,79	850,79	850,78	850,82	850,86	850,89	850,93	850,97	851,01
COTAS PROJ.		-0,03	850,77	850,79	-0,53	850,27	850,79	-0,49	850,30	850,79	-0,46	850,33	850,78
COTAS VERM.													



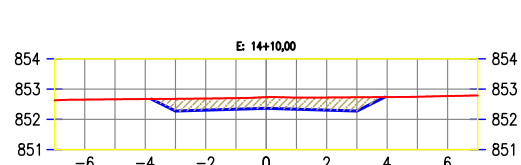
COTAS TN	851,23	851,23	851,23	851,23	851,26	851,30	851,32	851,38	851,44	851,49	851,55	851,58	
COTAS PROJ.		-0,46	850,77	851,23	-0,43	850,80	851,23	-0,44	850,83	851,26	-0,49	850,83	851,32
COTAS VERM.													



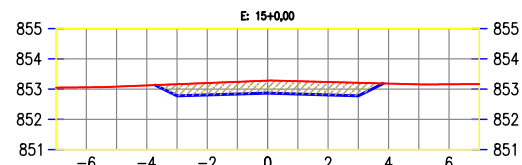
COTAS TN	851,67	851,69	851,73	851,77	851,81	851,85	851,89	851,91	851,92	851,94	851,96	851,97	851,99
COTAS PROJ.		-0,50	851,27	851,77	-0,51	851,30	851,81	-0,52	851,33	851,85	-0,53	851,36	851,89
COTAS VERM.													



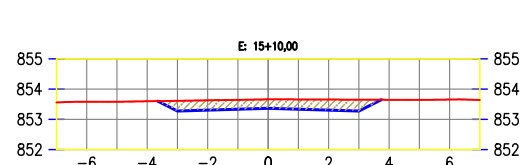
COTAS TN	852,16	852,20	852,25	852,27	852,28	852,29	852,30	852,30	852,31	852,33	852,35	852,38	852,40
COTAS PROJ.		-0,50	851,77	852,27	-0,48	851,80	852,28	-0,44	851,83	852,29	-0,47	851,83	852,30
COTAS VERM.													



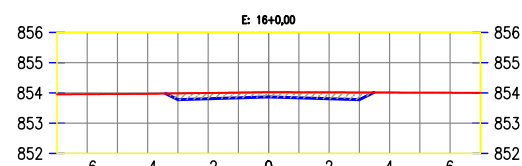
COTAS TN	852,65	852,66	852,67	852,68	852,69	852,70	852,73	852,72	852,73	852,75	852,75	852,77	
COTAS PROJ.		-0,41	852,27	852,68	-0,38	852,30	852,69	-0,37	852,33	852,70	-0,37	852,36	852,73
COTAS VERM.													



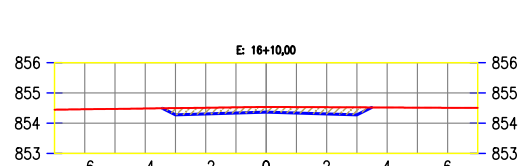
COTAS TN	853,06	853,08	853,12	853,16	853,20	853,24	853,28	853,26	853,23	853,21	853,18	853,16	853,16
COTAS PROJ.		-0,39	852,77	853,16	-0,40	852,80	853,20	-0,41	852,83	853,24	-0,42	852,86	853,28
COTAS VERM.													



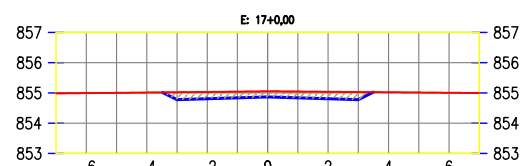
COTAS TN	853,58	853,58	853,60	853,61	853,63	853,64	853,66	853,66	853,65	853,65	853,65	853,64	853,65
COTAS PROJ.		-0,34	853,28	853,61	-0,32	853,31	853,63	-0,31	853,34	853,64	-0,29	853,37	853,66
COTAS VERM.													



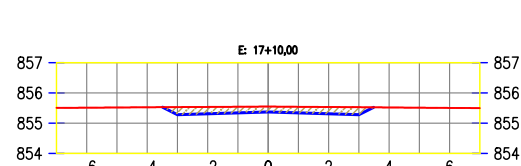
COTAS TN	853,96	853,97	853,97	853,99	854,00	854,01	854,03	854,03	854,02	854,02	854,02	854,01	854,01
COTAS PROJ.		-0,21	853,78	853,99	-0,19	853,81	854,00	-0,18	853,84	854,01	-0,16	853,87	854,03
COTAS VERM.													



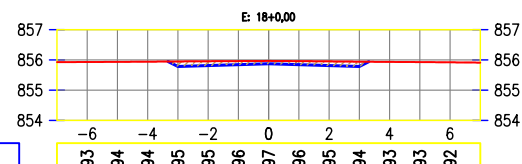
COTAS TN	854,46	854,47	854,49	854,50	854,51	854,52	854,54	854,53	854,53	854,52	854,52	854,52	854,51
COTAS PROJ.		-0,22	854,28	854,50	-0,20	854,31	854,51	-0,19	854,34	854,52	-0,17	854,37	854,54
COTAS VERM.													



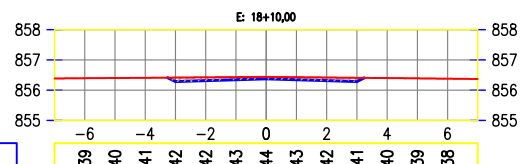
COTAS TN	855,00	855,01	855,02	855,02	855,03	855,04	855,05	855,05	855,04	855,03	855,02	855,02	855,01
COTAS PROJ.		-0,24	854,78	855,02	-0,22	854,81	855,03	-0,20	854,84	855,04	-0,18	854,87	855,05
COTAS VERM.													



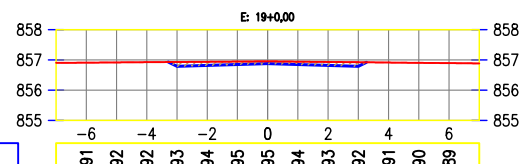
COTAS TN	855,51	855,52	855,53	855,53	855,54	855,55	855,55	855,54	855,54	855,53	855,52	855,51	855,51
COTAS PROJ.		-0,25	855,28	855,53	-0,23	855,31	855,54	-0,20	855,34	855,55	-0,18	855,37	855,55
COTAS VERM.													



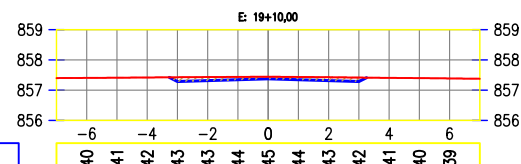
COTAS TN	855,93	855,94	855,94	855,95	855,96	855,97	855,96	855,95	855,94	855,93	855,93	855,92	
COTAS PROJ.		-0,17	855,78	855,95	-0,14	855,81	855,95	-0,12	855,84	855,96	-0,09	855,87	855,97
COTAS VERM.													



COTAS TN	856,39	856,40	856,41	856,42	856,43	856,44	856,43	856,42	856,41	856,40	856,39	856,38	
COTAS PROJ.		-0,13	856,28	856,42	-0,11	856,31	856,42	-0,09	856,34	856,43	-0,06	856,37	856,44
COTAS VERM.													

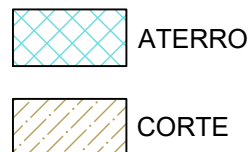


COTAS TN	856,91	856,92	856,92	856,93	856,94	856,95	856,95	856,94	856,93	856,92	856,91	856,90	856,89
COTAS PROJ.		-0,15	856,79	856,93	-0,12	856,82	856,94	-0,10	856,85	856,95	-0,08	856,88	856,95
COTAS VERM.													



COTAS TN	857,40	857,41	857,42	857,43	857,44	857,45	857,44	857,43	857,42	857,41	857,40	857,39	
COTAS PROJ.		-0,14	857,29	857,43	-0,11	857,32	857,43	-0,09	857,35	857,44	-0,07	857,38	857,45
COTAS VERM.													

LEGENDA:

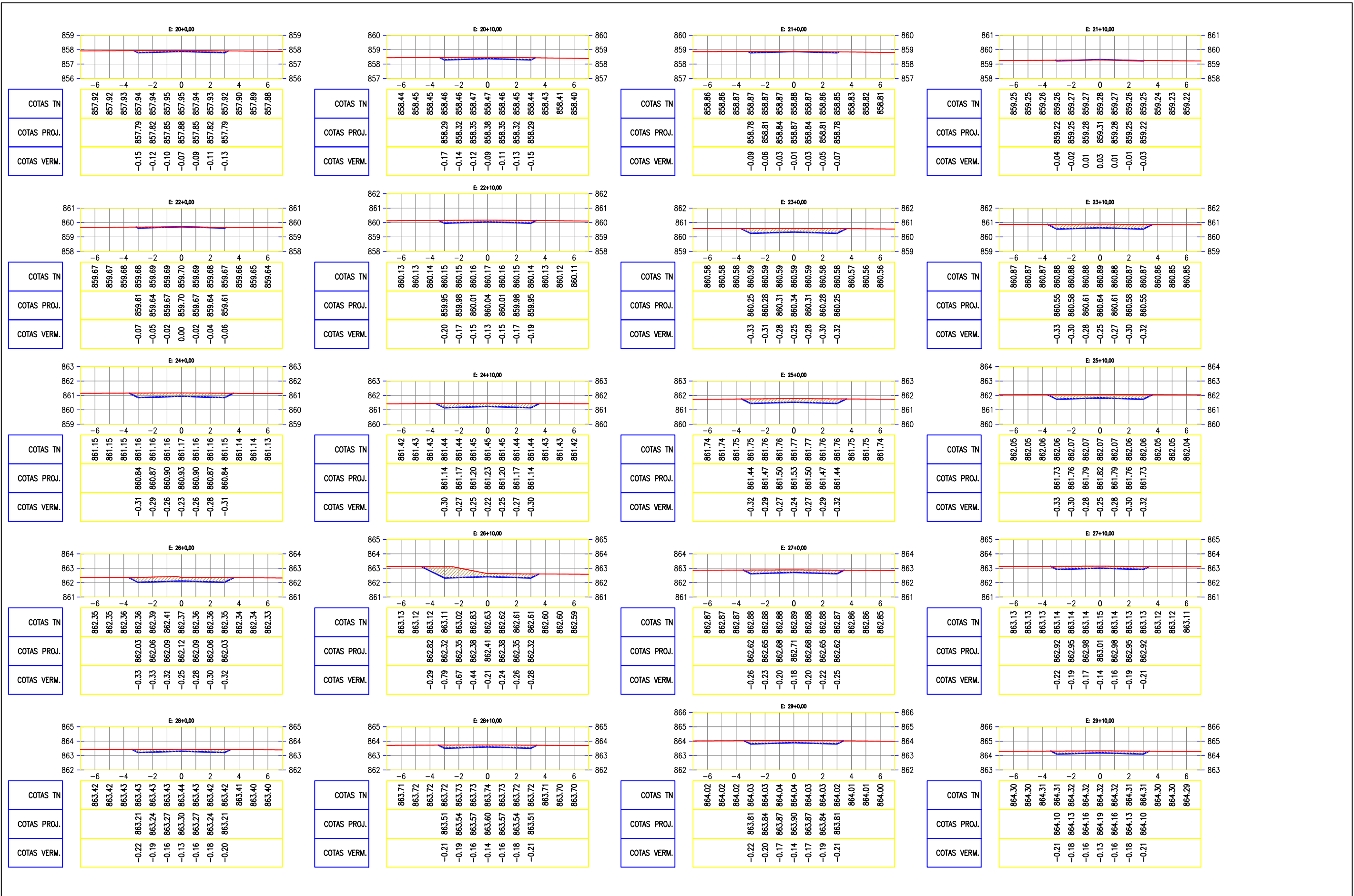


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:
2 / 73
 ESCALA:
 1/250



LEGENDA:

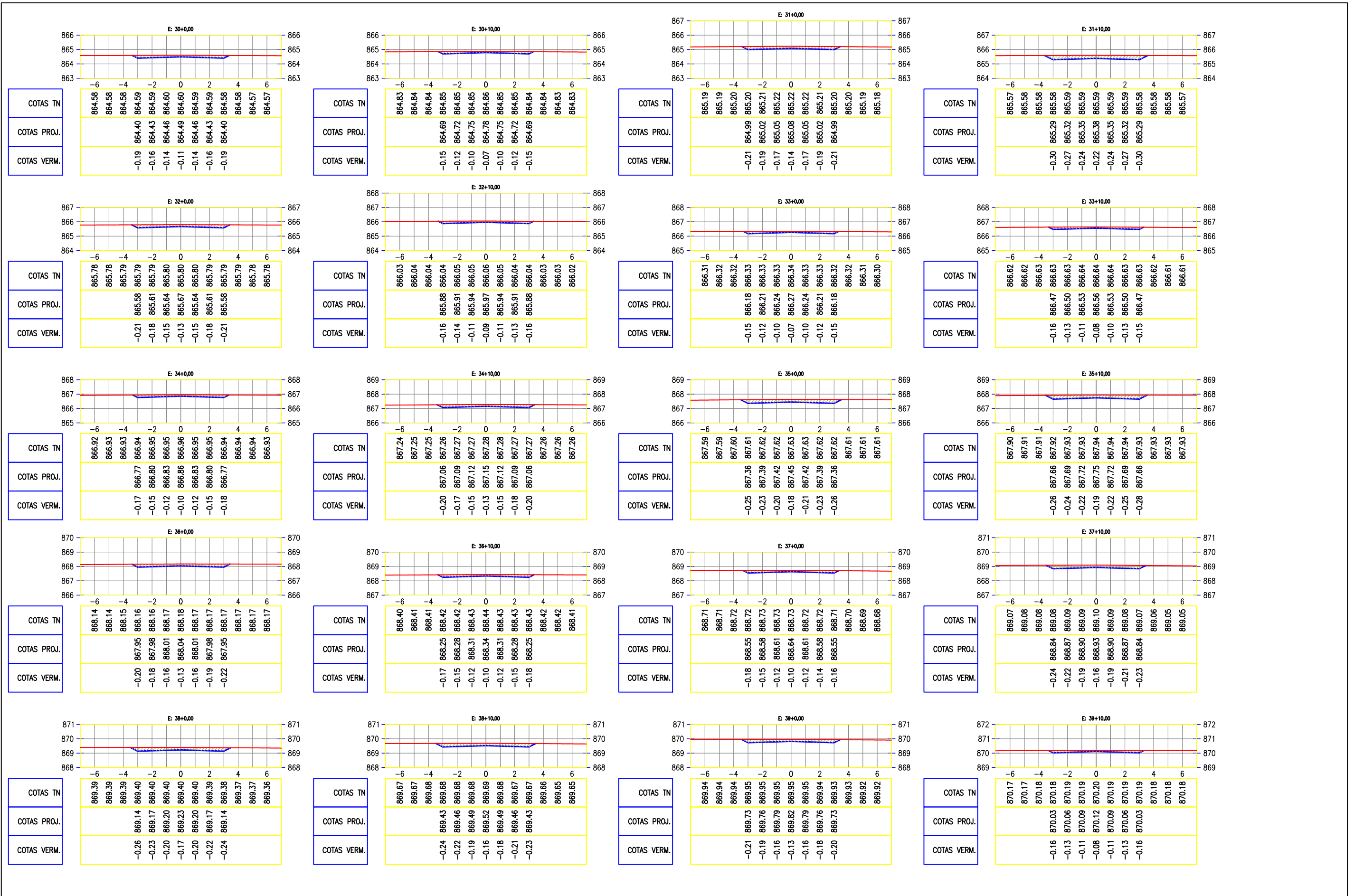
-  ATERRO
-  CORTE


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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:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:	3 / 73
ESCALA:	1/250



LEGENDA:

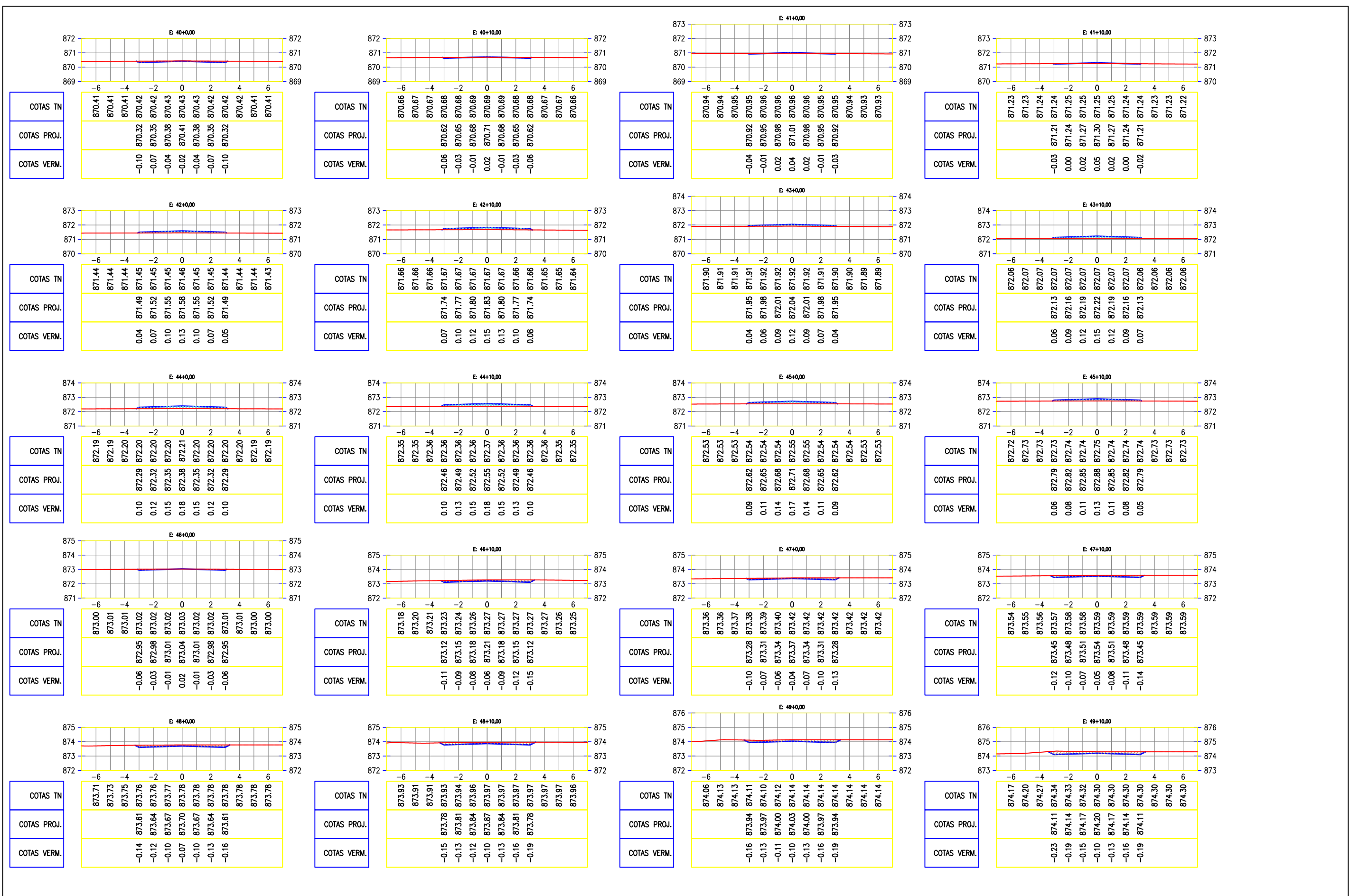


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG


PRANCHA:	4 / 73
ESCALA:	1/250




LEGENDA:

 ATERRO

 CORTE


JOTA BARROS PROJETOS
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 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

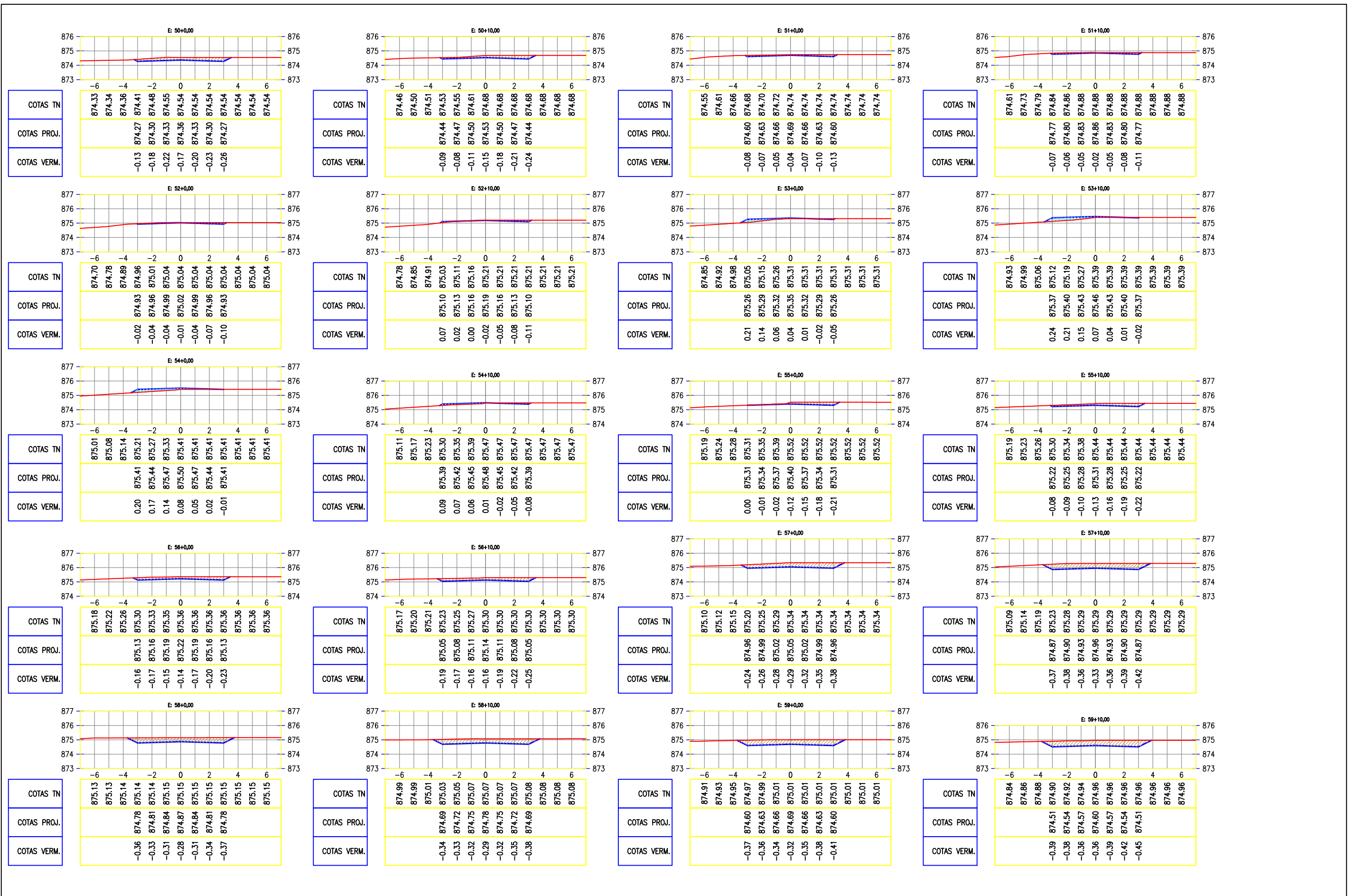
ARQUIVO: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:

5 / 73

ESCALA:

1/250



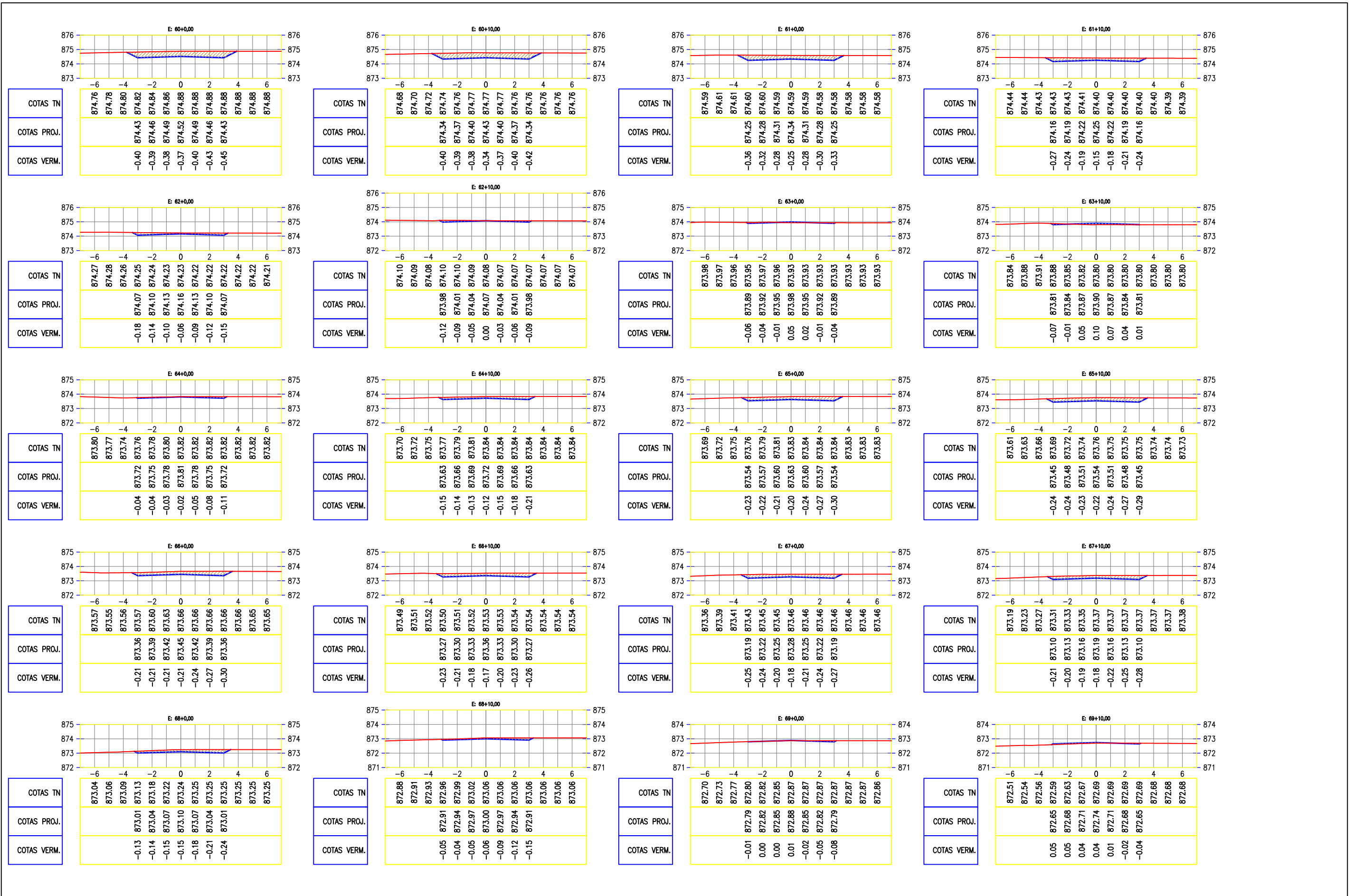
LEGENDA:



Arthur Moreira Torquato
JOTA BARROS PROJETOS
 Arthur Moreira Torquato
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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		6 / 73
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



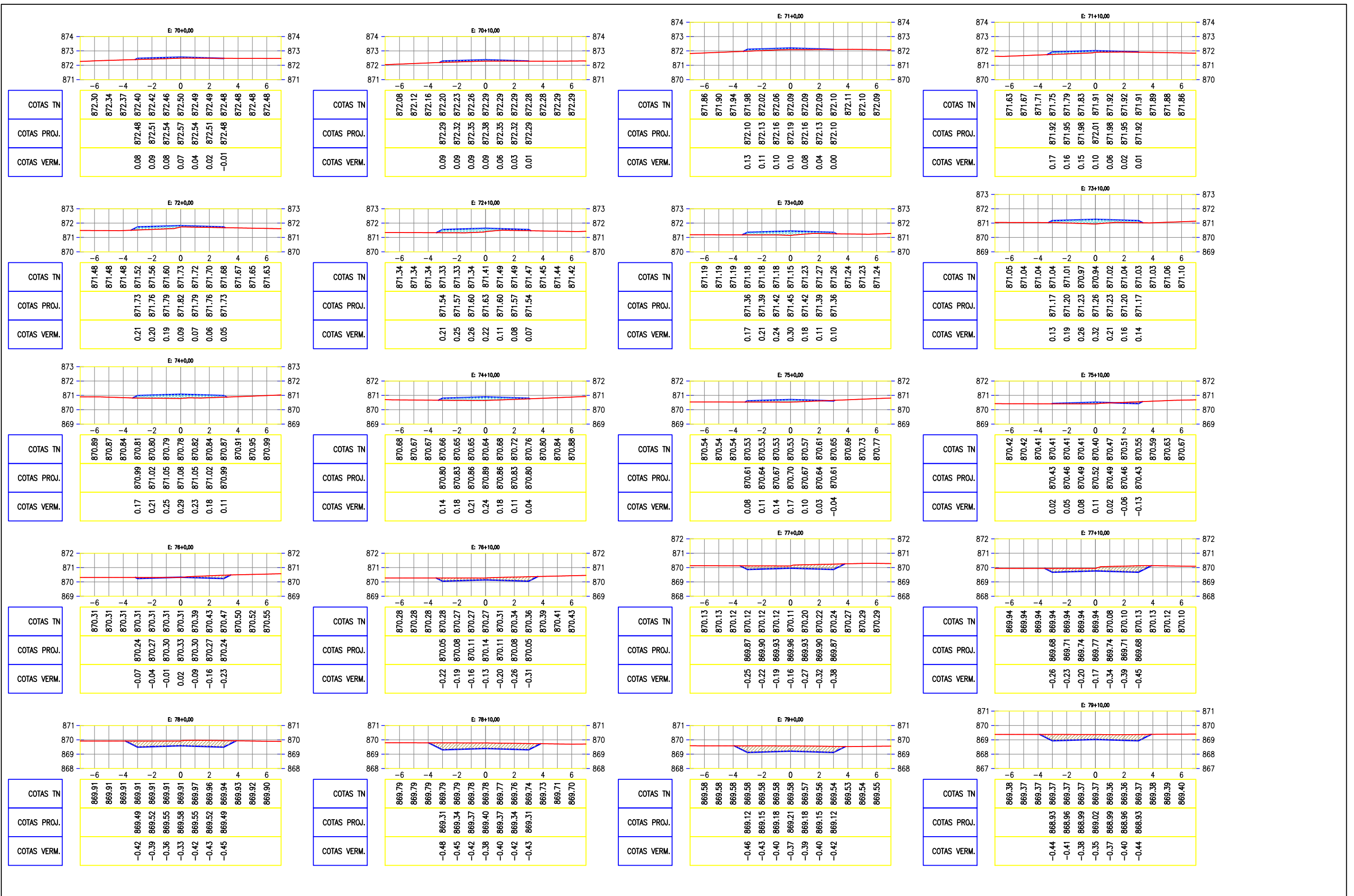
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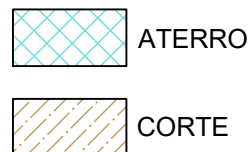
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		7 / 73
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA:
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	1/250



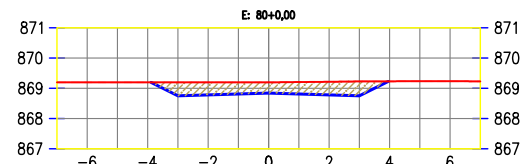
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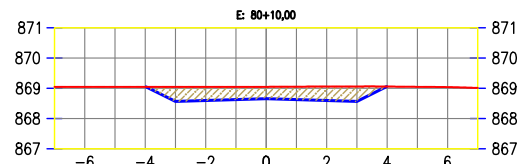
Arthur Moreira Torquato
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 Arthur Moreira Torquato
 Engº Civil - CREA 53900D - CE



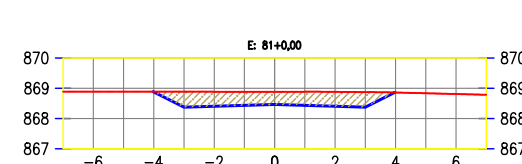
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: 8 / 73
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



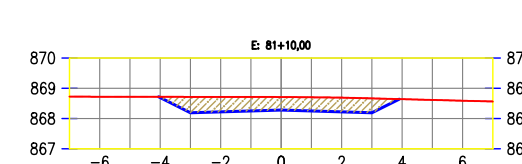
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COTAS PROJ.	-0.44	868.75	869.19	-0.41	868.78	869.19	-0.38	868.81	869.19	-0.35	868.84	869.19	-0.39	868.81	869.20	-0.44	868.78	869.21	-0.48	868.75	869.22	869.23	869.23	
COTAS VERM.																								



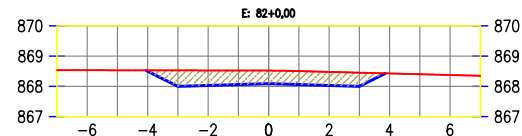
COTAS TN	869.05	869.05	869.05	869.05	869.05	869.05	869.05	869.06	869.06	869.06														
COTAS PROJ.	-0.49	868.56	869.05	-0.46	868.59	869.05	-0.43	868.62	869.05	-0.43	868.65	869.05	-0.43	868.62	869.05	-0.46	868.59	869.06	-0.50	868.56	869.06	869.06	869.05	869.04
COTAS VERM.																								



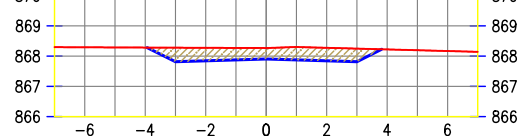
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COTAS PROJ.	-0.01	868.88	868.89	-0.51	868.38	868.89	-0.48	868.41	868.88	-0.45	868.44	868.88	-0.42	868.47	868.88	-0.45	868.44	868.88	-0.47	868.41	868.88	868.86	868.83	868.81
COTAS VERM.																								



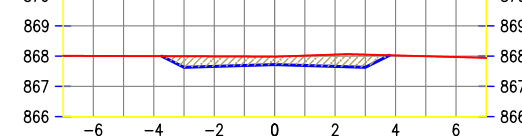
COTAS TN	868.72	868.72	868.72	868.72	868.72	868.72	868.71	868.71	868.71	868.70	868.69	868.68	868.64	868.61	868.59										
COTAS PROJ.	-0.03	868.69	868.72	-0.53	868.19	868.72	-0.49	868.22	868.71	-0.46	868.25	868.71	-0.43	868.28	868.70	-0.45	868.25	868.70	-0.47	868.22	868.69	868.66	868.64	868.61	868.59
COTAS VERM.																									



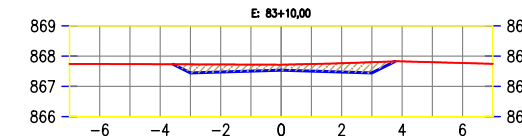
COTAS TN	868.53	868.53	868.53	868.53	868.53	868.53	868.52	868.51	868.48	868.45	868.43	868.40	868.38											
COTAS PROJ.	-0.03	868.50	868.53	-0.53	868.00	868.53	-0.46	868.06	868.52	-0.43	868.09	868.52	-0.44	868.06	868.51	-0.45	868.03	868.48	-0.45	868.00	868.45	868.43	868.40	868.38
COTAS VERM.																								



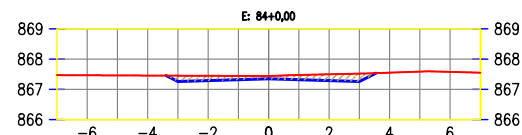
COTAS TN	868.29	868.29	868.28	868.28	868.28	868.27	868.27	868.30	868.28	868.25	868.22	868.20	868.17											
COTAS PROJ.	-0.46	867.82	868.28	-0.43	867.85	868.28	-0.40	867.88	868.27	-0.36	867.91	868.27	-0.43	867.88	868.30	-0.43	867.85	868.28	-0.43	867.82	868.22	868.20	868.17	
COTAS VERM.																								



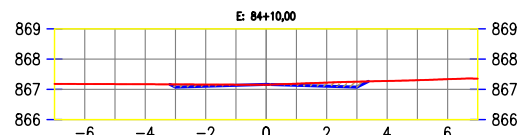
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COTAS PROJ.	-0.37	867.63	868.00	-0.33	867.66	867.99	-0.30	867.69	867.99	-0.26	867.72	867.98	-0.33	867.69	868.02	-0.39	867.66	868.05	-0.42	867.63	868.02	868.00	867.97	
COTAS VERM.																								



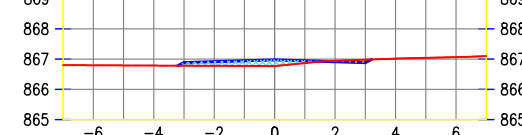
COTAS TN	867.74	867.74	867.73	867.73	867.73	867.72	867.72	867.72	867.72	867.71	867.70	867.68	867.61	867.59										
COTAS PROJ.	-0.29	867.44	867.73	-0.25	867.47	867.73	-0.22	867.50	867.72	-0.18	867.53	867.72	-0.24	867.50	867.74	-0.29	867.47	867.72	-0.36	867.44	867.68	867.61	867.59	
COTAS VERM.																								



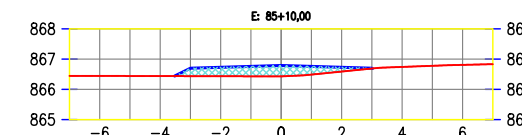
COTAS TN	867.46	867.46	867.46	867.45	867.44	867.44	867.47	867.50	867.52	867.55	867.59	867.58												
COTAS PROJ.	-0.19	867.26	867.45	-0.16	867.29	867.44	-0.13	867.32	867.44	-0.09	867.35	867.44	-0.16	867.32	867.47	-0.21	867.29	867.50	-0.26	867.26	867.52	867.55	867.59	867.58
COTAS VERM.																								



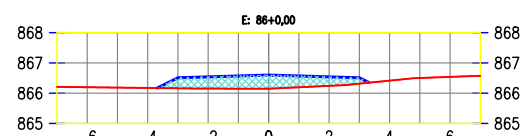
COTAS TN	867.17	867.17	867.16	867.15	867.15	867.19	867.22	867.25	867.28	867.30	867.33													
COTAS PROJ.	-0.09	867.07	867.16	-0.06	867.10	867.15	-0.02	867.13	867.15	0.01	867.16	867.19	-0.06	867.13	867.22	-0.12	867.10	867.22	-0.18	867.07	867.25	867.28	867.30	867.33
COTAS VERM.																								



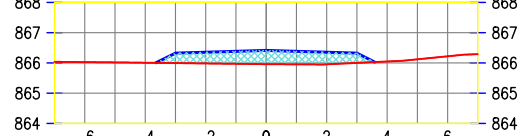
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COTAS PROJ.	0.10	866.88	866.78	0.14	866.91	866.78	0.17	866.94	866.77	0.21	866.97	866.87	0.08	866.94	866.87	-0.03	866.91	866.98	-0.09	866.88	866.98	867.02	867.04	867.06
COTAS VERM.																								



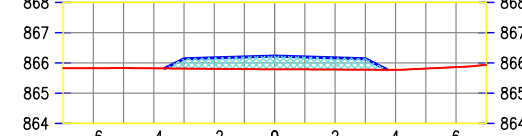
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COTAS PROJ.	0.26	866.70	866.43	0.30	866.73	866.43	0.33	866.76	866.43	0.36	866.79	866.43	0.27	866.76	866.49	0.14	866.73	866.59	0.01	866.70	866.69	866.74	866.78	866.81
COTAS VERM.																								



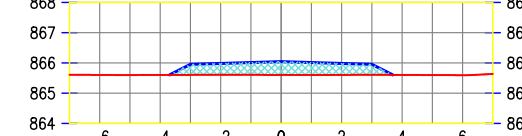
COTAS TN	866.20	866.19	866.17	866.15	866.15	866.20	866.24	866.32	866.42	866.50	866.54													
COTAS PROJ.	0.35	866.51	866.16	0.39	866.54	866.15	0.42	866.57	866.15	0.45	866.60	866.15	0.38	866.57	866.20	0.30	866.54	866.24	0.20	866.51	866.32	866.42	866.50	866.54
COTAS VERM.																								



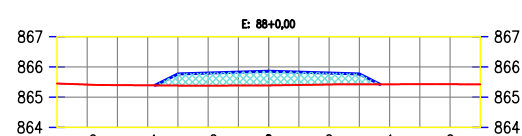
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COTAS PROJ.	0.33	866.33	866.00	0.37	866.36	865.98	0.41	866.39	865.97	0.46	866.42	865.96	0.43	866.39	865.95	0.40	866.36	865.96	0.32	866.33	866.00	866.05	866.12	866.22
COTAS VERM.																								



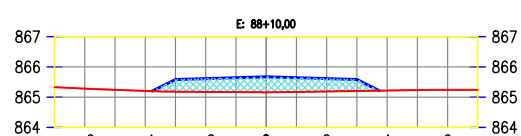
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COTAS PROJ.	0.32	866.14	865.81	0.36	866.17	865.81	0.40	866.20	865.80	0.44	866.23	865.79	0.41	866.20	865.79	0.39	866.17	865.78	0.36	866.14	865.77	865.82	865.86	
COTAS VERM.																								



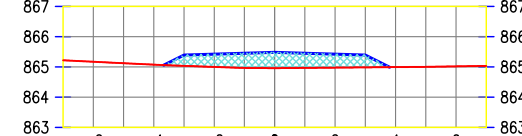
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COTAS PROJ.	0.35	865.95	865.61	0.37	865.98	865.61	0.40	866.01	865.61	0.44	866.04	865.60	0.41	866.01	865.60	0.38	865.98	865.61	0.34	865.95	865.61	865.61	865.60	865.60
COTAS VERM.																								



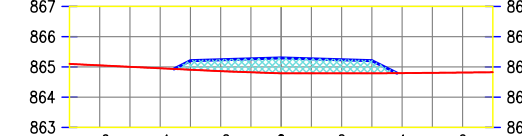
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COTAS PROJ.	0.38	865.77	865.38	0.42	865.80	865.38	0.44	865.83	865.38	0.47	865.86	865.39	0.42	865.83	865.40	0.38	865.80	865.42	0.34	865.77	865.42	865.42	865.43	865.43
COTAS VERM.																								



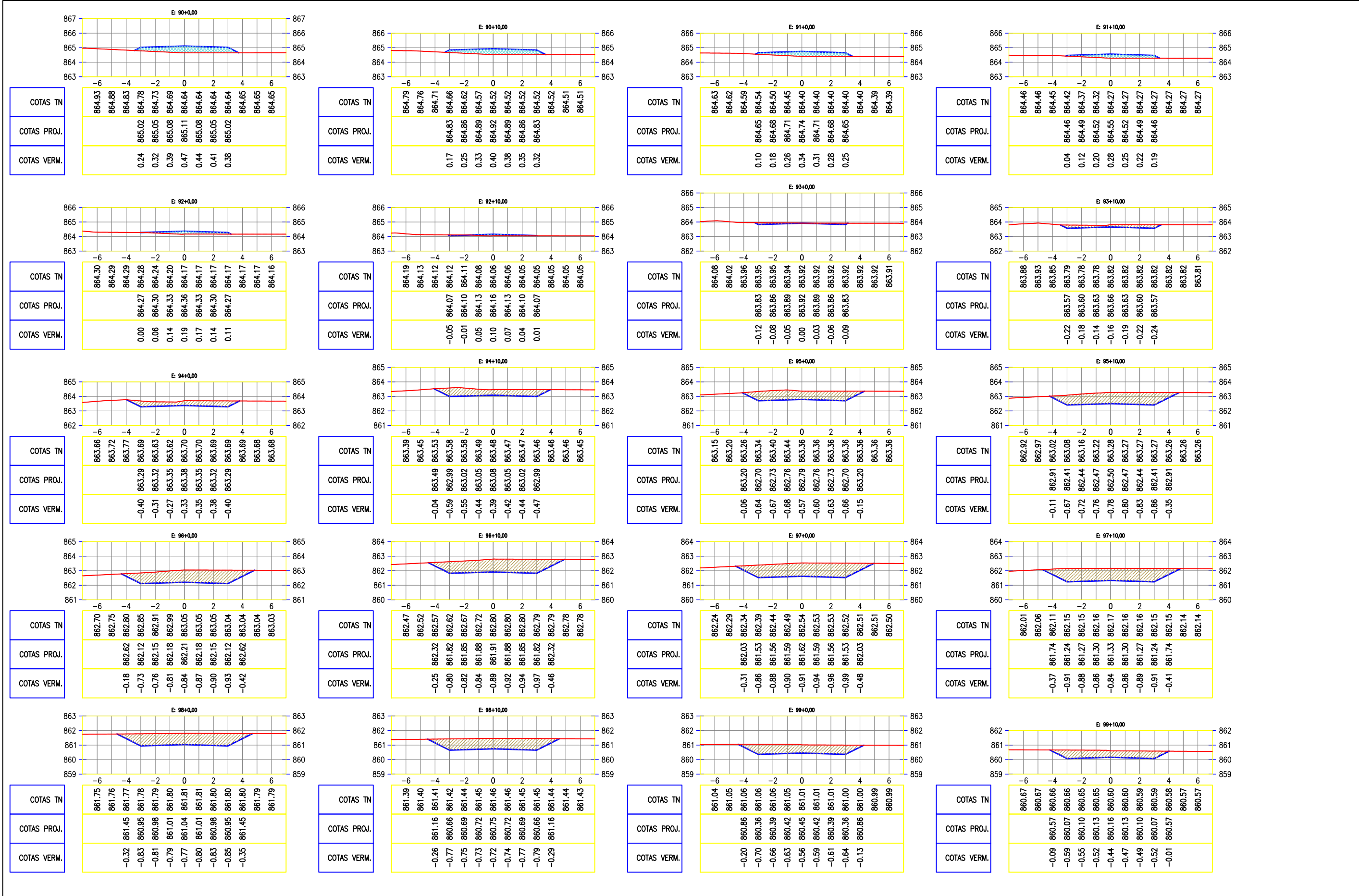
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COTAS PROJ.	0.40	865.58	865.18	0.44	865.61	865.17	0.47	865.64	865.16	0.51	865.67	865.16	0.47	865.64	865.17	0.42	865.61	865.19	0.38	865.58	865.20	865.22	865.23	865.24
COTAS VERM.																								



COTAS TN	865.17	865.12	865.07	865.04	865.00	864.97	864.96	864.98	864.99	865.00	865.02													
COTAS PROJ.	0.36	865.39	865.04	0.42	865.42	865.00	0.49	865.45	864.97	0.45	865.42	864.98	0.41	865.39	864.98	0.36	865.39	864.99	0.42	865.00	865.00	865.02		
COTAS VERM.																								



COTAS TN	865.05	865.00	864.95	864.91	864.86	864.82	864.79	864.79	864.79	864.79	864.79	864.81												
COTAS PROJ.	0.30	865.21	864.91	0.38	865.24	864.86	0.44	865.27	864.82	0.51	865.30	864.79	0.48	865.27	864.79	0.45	865.24	864.79	0.42	865.21	864.79	864.79	864.80	864.81
COTAS VERM.																								



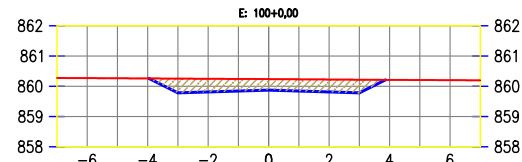
LEGENDA:

	ATERRO
	CORTE

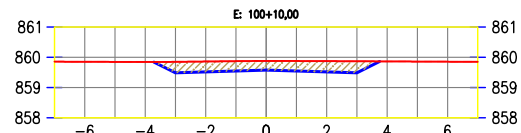
JOTA BARROS PROJETOS
 Arthur Moreira Torquato
 Engº Civil - CREA 53900D-CE



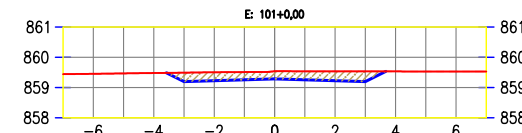
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 SEÇÕES TRANSVERSAIS		PRANCHA: 10 / 73
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



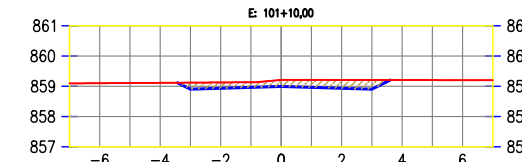
COTAS TN	860.27	860.26	860.26	860.25	860.24	860.23	860.22	860.21	860.20
COTAS PROJ.									
COTAS VERM.	-0.47	-0.44	-0.44	-0.40	-0.37	-0.39	-0.41	-0.44	



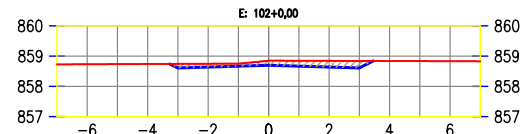
COTAS TN	859.85	859.85	859.84	859.85	859.86	859.87	859.88	859.87	859.86	859.85
COTAS PROJ.										
COTAS VERM.	-0.36	-0.34	-0.32	-0.30	-0.33	-0.35	-0.38			



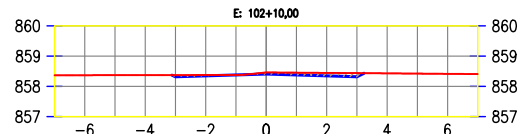
COTAS TN	859.45	859.46	859.48	859.49	859.50	859.51	859.54	859.53	859.53	859.53
COTAS PROJ.										
COTAS VERM.	-0.30	-0.28	-0.25	-0.25	-0.28	-0.31	-0.34			



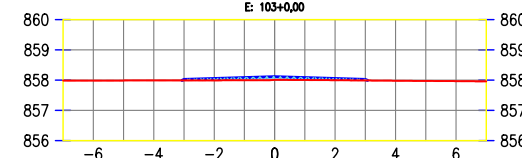
COTAS TN	859.10	859.11	859.11	859.12	859.13	859.13	859.21	859.21	859.20	859.20
COTAS PROJ.										
COTAS VERM.	-0.22	-0.19	-0.17	-0.22	-0.25	-0.27	-0.30			



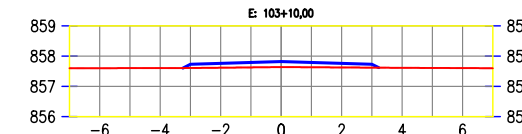
COTAS TN	858.73	858.74	858.74	858.75	858.75	858.85	858.85	858.84	858.84	858.83
COTAS PROJ.										
COTAS VERM.	-0.14	-0.11	-0.08	-0.15	-0.18	-0.21	-0.23			



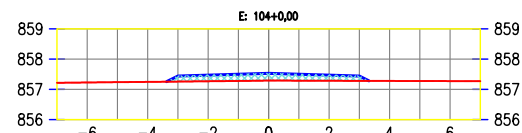
COTAS TN	858.37	858.37	858.37	858.37	858.38	858.46	858.45	858.44	858.43	858.42
COTAS PROJ.										
COTAS VERM.	-0.06	-0.03	0.00	-0.05	-0.08	-0.10	-0.12			



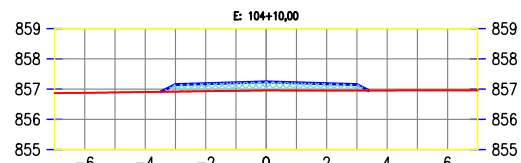
COTAS TN	857.99	857.99	857.99	857.99	857.99	858.01	858.00	858.00	857.98	857.97
COTAS PROJ.										
COTAS VERM.	0.03	0.06	0.09	0.10	0.08	0.06	0.04			



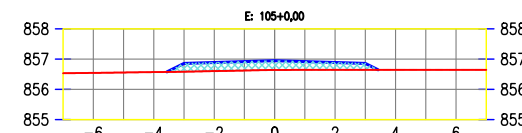
COTAS TN	857.60	857.60	857.60	857.61	857.62	857.63	857.64	857.63	857.62	857.61
COTAS PROJ.										
COTAS VERM.	0.12	0.14	0.16	0.19	0.16	0.14	0.11			



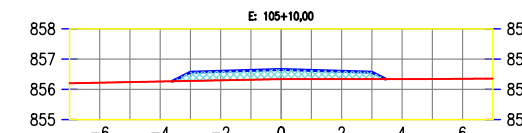
COTAS TN	857.23	857.24	857.25	857.26	857.27	857.28	857.29	857.29	857.28	857.27
COTAS PROJ.										
COTAS VERM.	0.18	0.20	0.22	0.24	0.21	0.19	0.16			



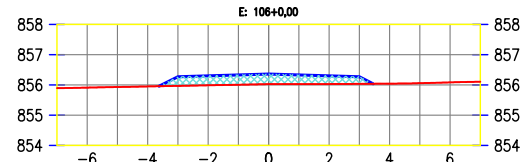
COTAS TN	856.88	856.89	856.90	856.92	856.93	856.94	856.96	856.95	856.95	856.96
COTAS PROJ.										
COTAS VERM.	0.23	0.25	0.27	0.28	0.26	0.23	0.20			



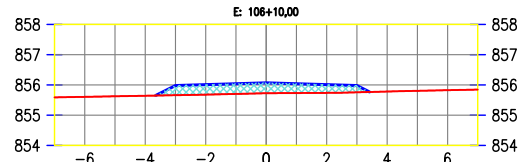
COTAS TN	856.54	856.56	856.57	856.58	856.60	856.62	856.64	856.64	856.65	856.65
COTAS PROJ.										
COTAS VERM.	0.27	0.28	0.29	0.30	0.27	0.24	0.21			



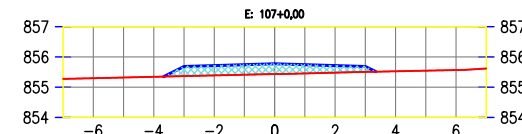
COTAS TN	856.22	856.24	856.26	856.28	856.30	856.32	856.34	856.34	856.34	856.35
COTAS PROJ.										
COTAS VERM.	0.29	0.30	0.31	0.32	0.29	0.26	0.23			



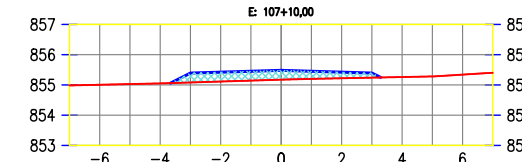
COTAS TN	855.91	855.93	855.95	855.97	855.99	856.01	856.03	856.03	856.04	856.06	856.09
COTAS PROJ.											
COTAS VERM.	0.30	0.31	0.32	0.33	0.30	0.27	0.23				



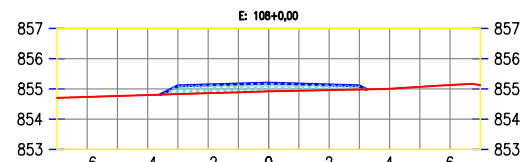
COTAS TN	855.61	855.63	855.64	855.66	855.68	855.70	855.73	855.74	855.76	855.78	855.81	855.83
COTAS PROJ.												
COTAS VERM.	0.32	0.33	0.33	0.34	0.30	0.27	0.22					



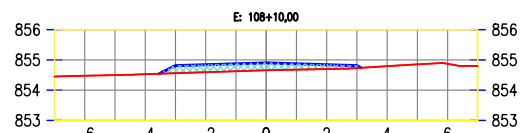
COTAS TN	855.30	855.32	855.34	855.37	855.39	855.41	855.44	855.46	855.48	855.51	855.53	855.55	855.57
COTAS PROJ.													
COTAS VERM.	0.32	0.33	0.33	0.34	0.29	0.23	0.18						



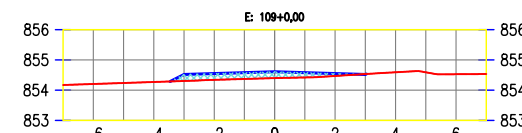
COTAS TN	855.01	855.03	855.05	855.08	855.11	855.14	855.18	855.20	855.22	855.24	855.26	855.28	855.34
COTAS PROJ.													
COTAS VERM.	0.31	0.31	0.31	0.31	0.25	0.20	0.15						



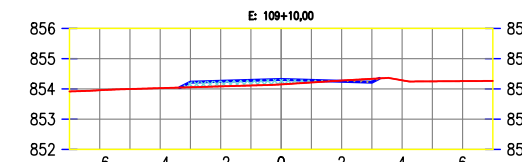
COTAS TN	854.73	854.77	854.80	854.83	854.86	854.89	854.92	854.94	854.96	854.98	855.00	855.07	855.13
COTAS PROJ.													
COTAS VERM.	0.27	0.27	0.27	0.27	0.22	0.17	0.12						



COTAS TN	854.48	854.50	854.53	854.56	854.59	854.62	854.66	854.68	854.70	854.73	854.79	854.85	854.87
COTAS PROJ.													
COTAS VERM.	0.25	0.25	0.24	0.24	0.19	0.14	0.08						

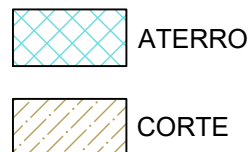


COTAS TN	854.20	854.24	854.27	854.30	854.34	854.37	854.40	854.42	854.47	854.53	854.59	854.59	854.53
COTAS PROJ.													
COTAS VERM.	0.21	0.21	0.21	0.21	0.16	0.08	-0.02						



COTAS TN	853.96	854.00	854.03	854.05	854.08	854.11	854.15	854.21	854.28	854.33	854.38	854.42	854.26
COTAS PROJ.													
COTAS VERM.	0.17	0.17	0.17	0.17	0.07	-0.02	-0.11						

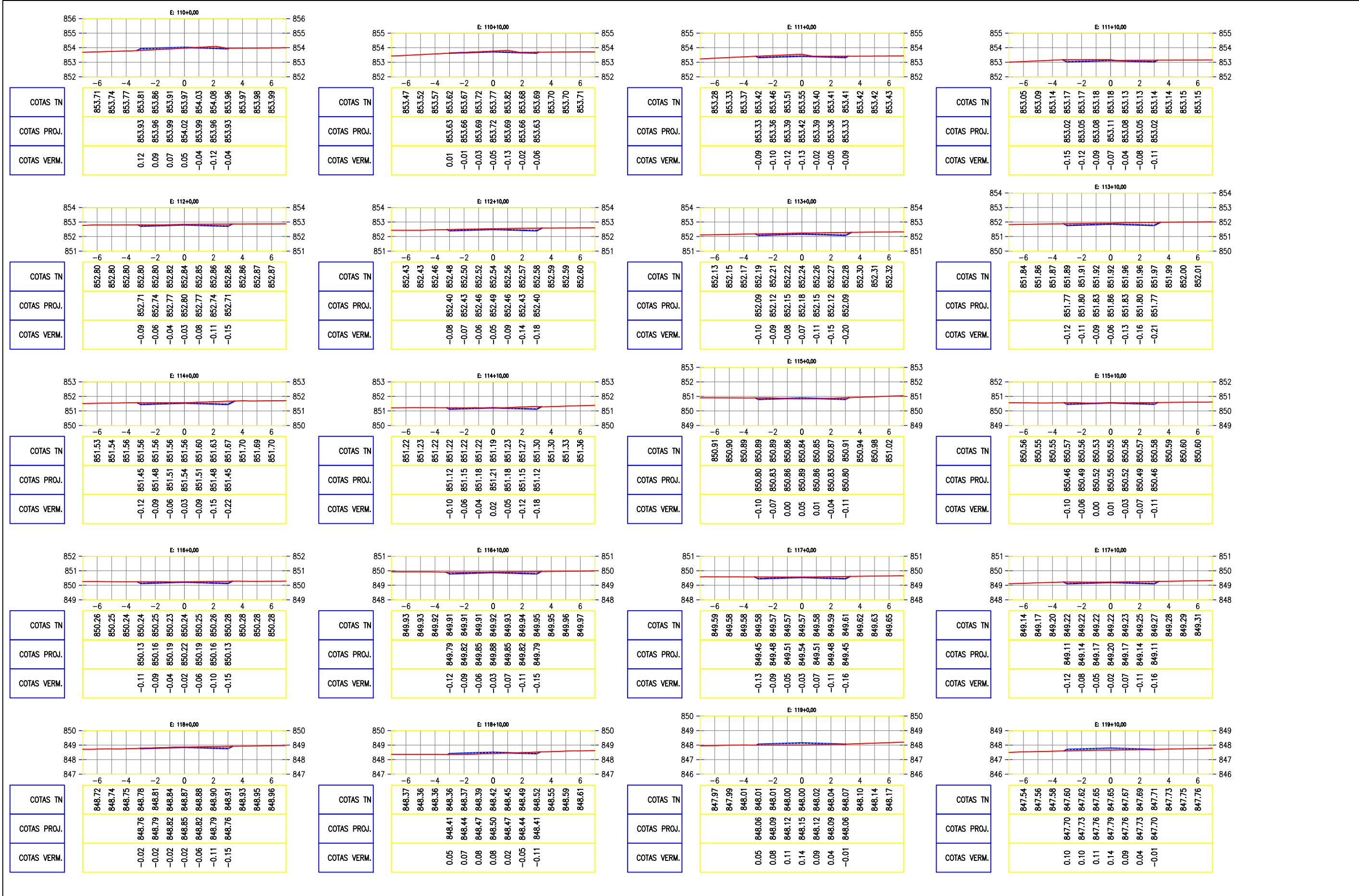
LEGENDA:




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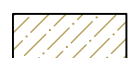



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		11 / 73
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



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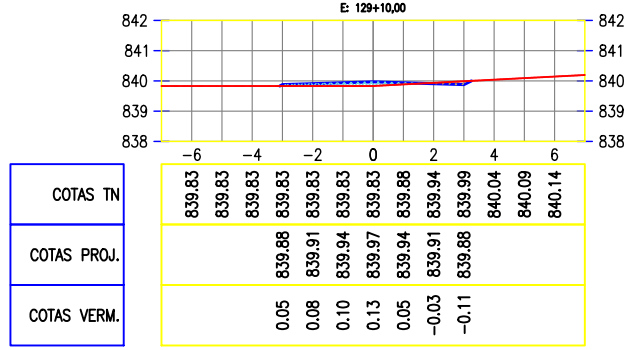
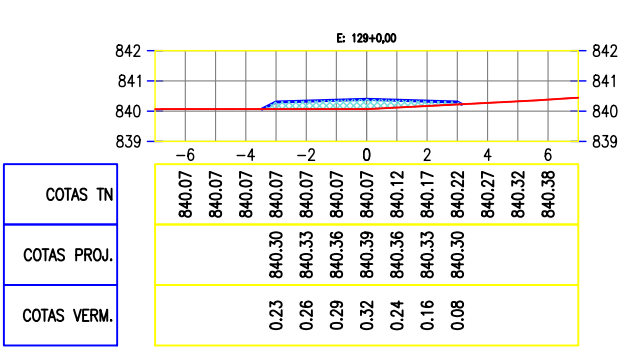
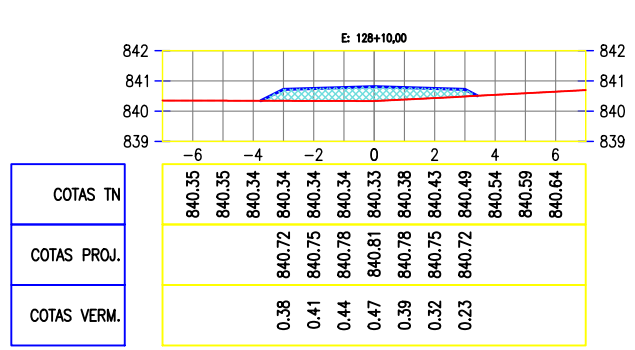
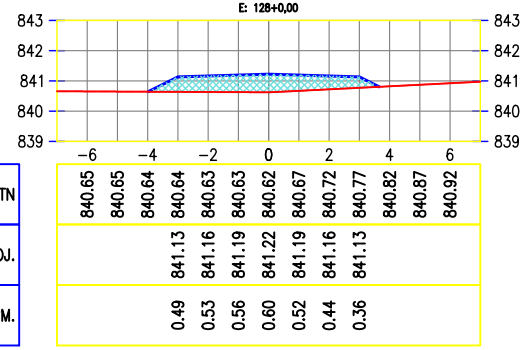
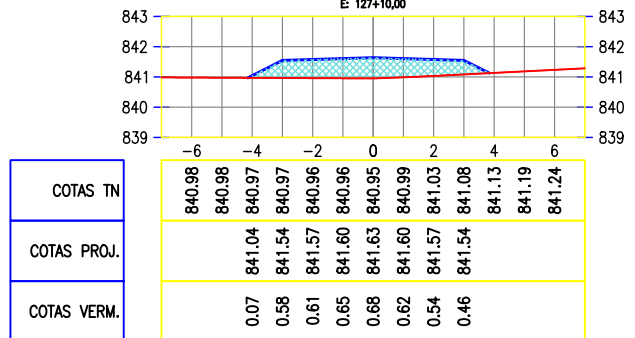
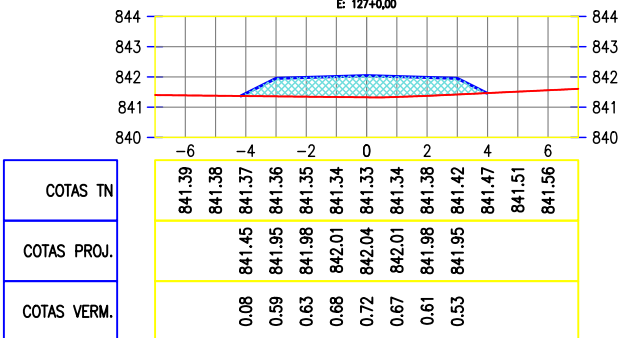
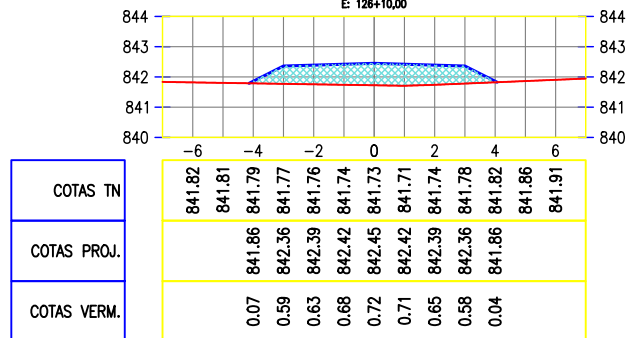
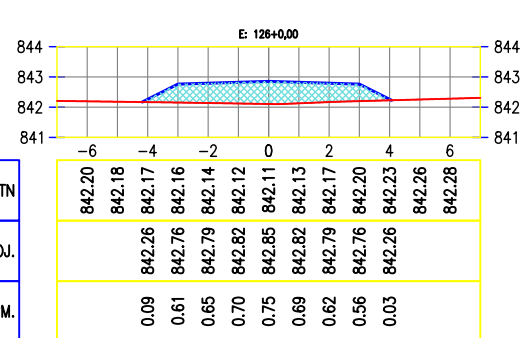
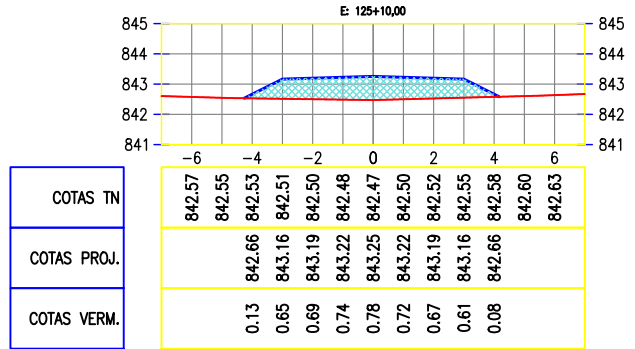
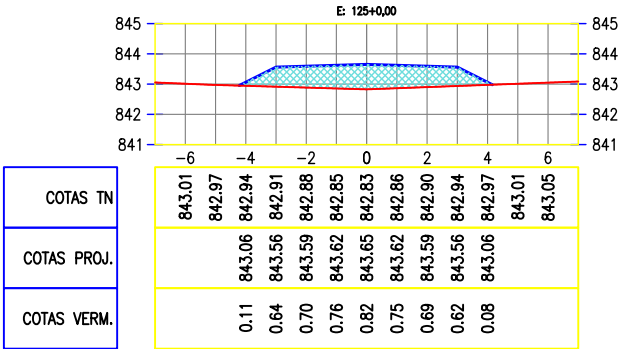
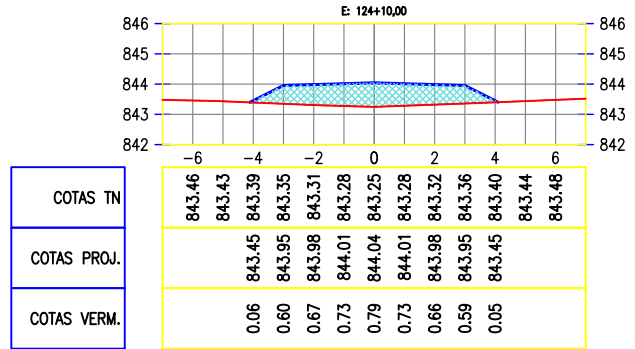
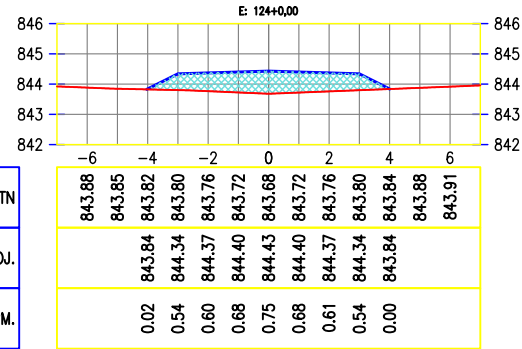
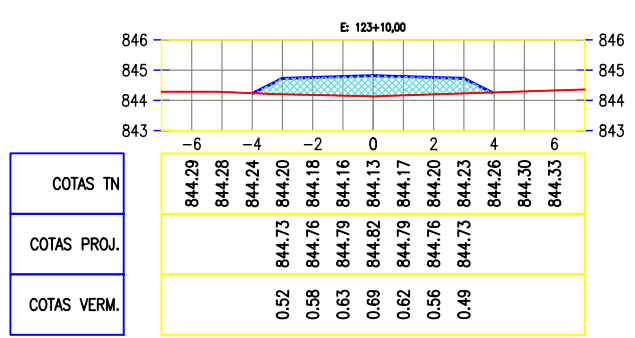
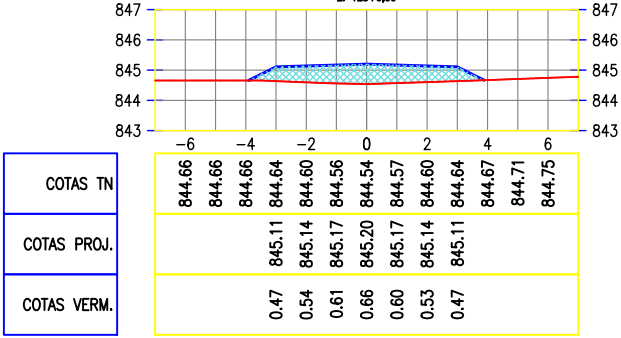
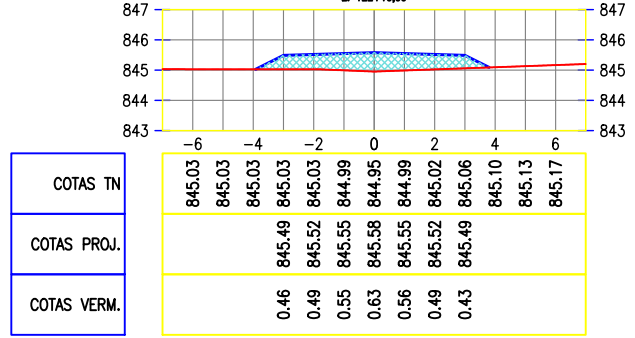
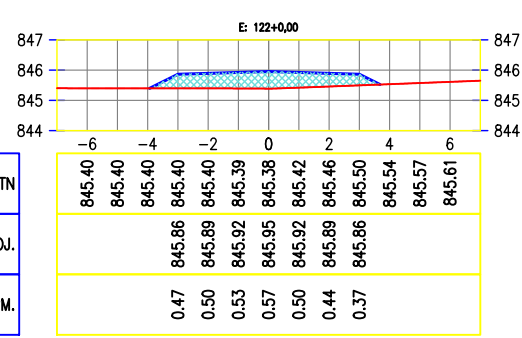
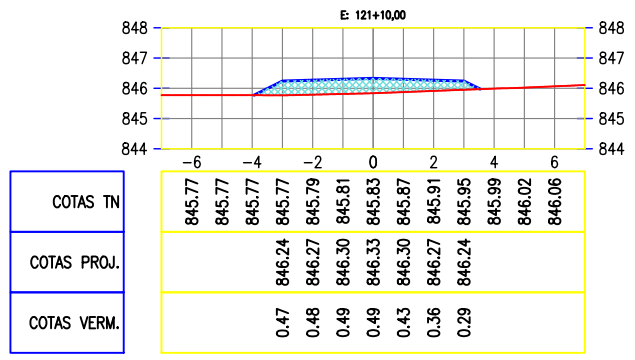
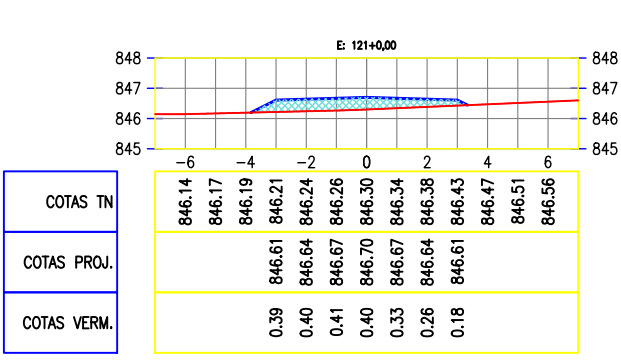
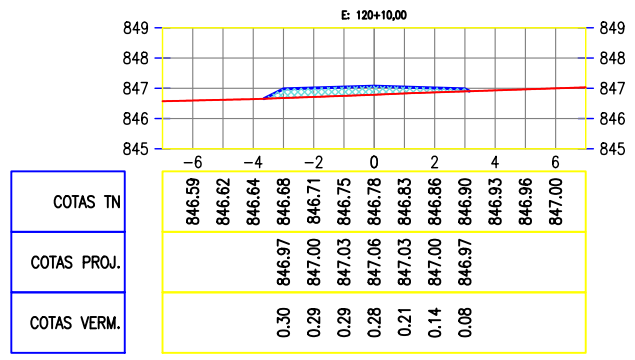
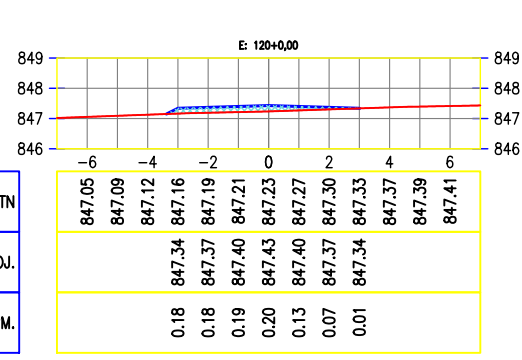
 ATERRO

 CORTE

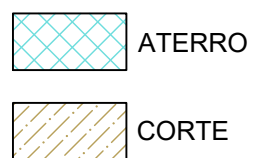

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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
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SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



LEGENDA:

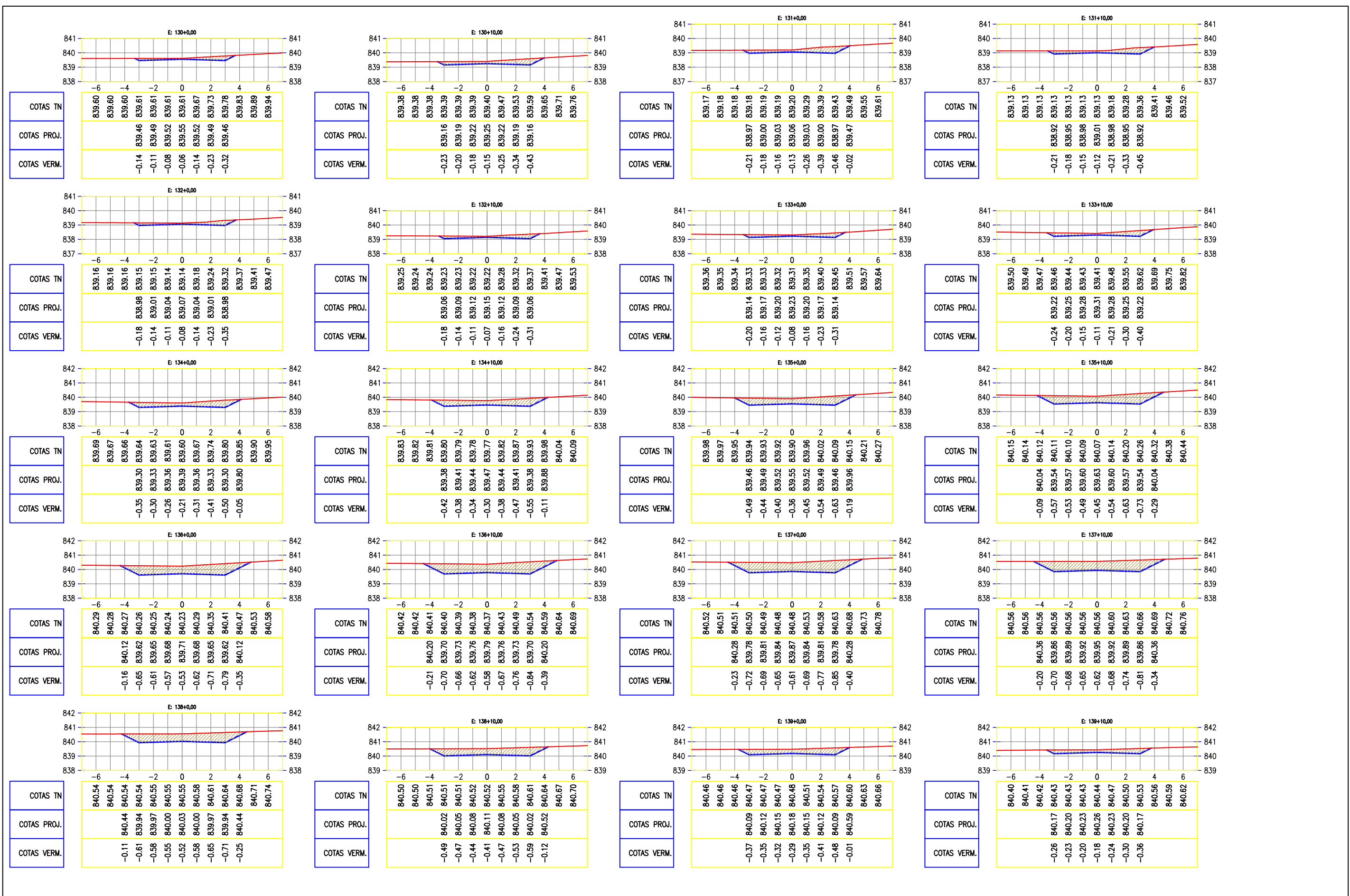


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:	13 / 73
ESCALA:	1/250



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

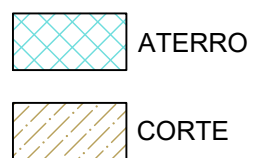
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:
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ESCALA:
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LEGENDA:

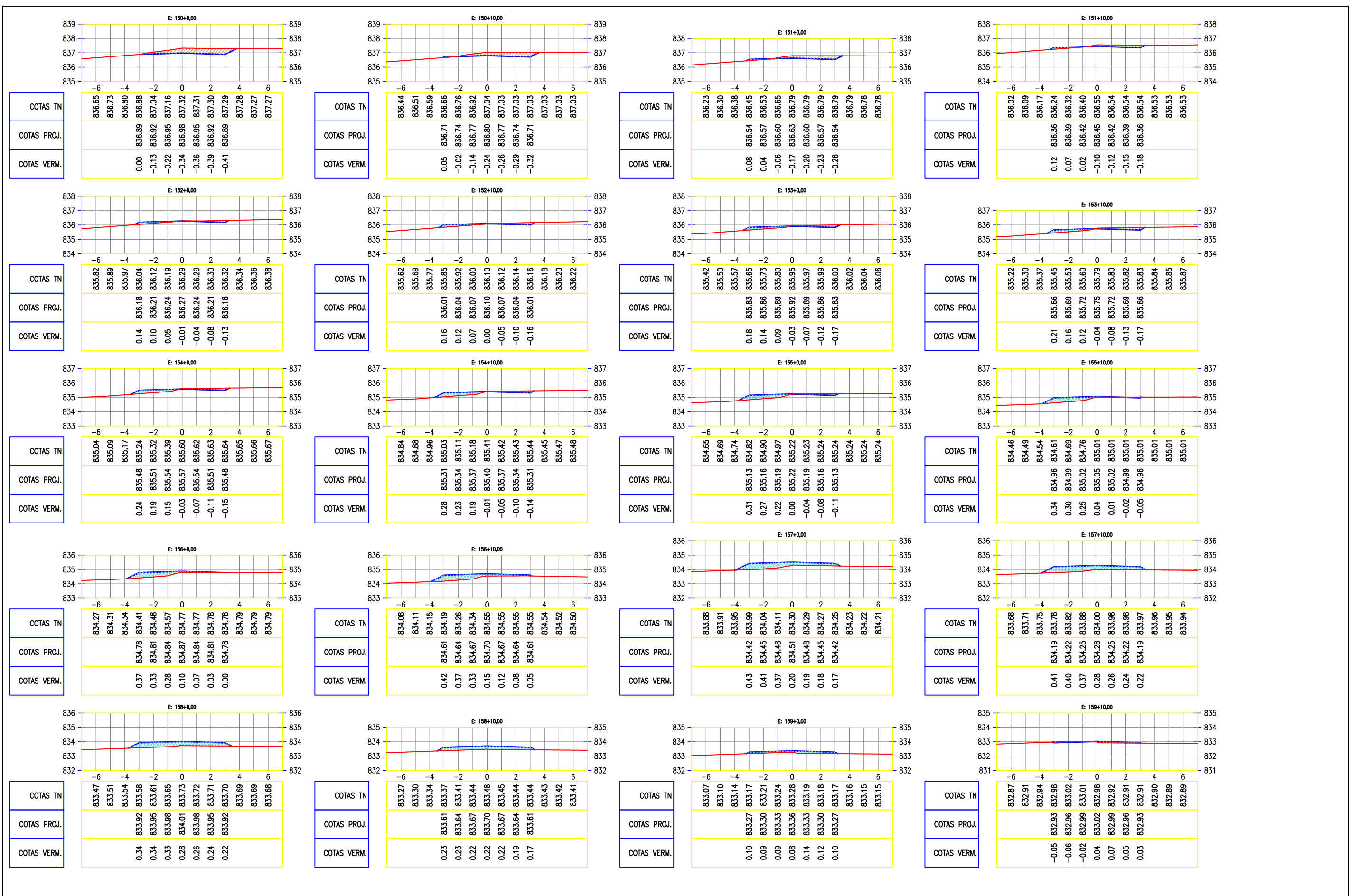


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
SEÇÕES TRANSVERSAIS
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG


PRANCHA:
15 / 73
 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: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:

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ESCALA:

1/250



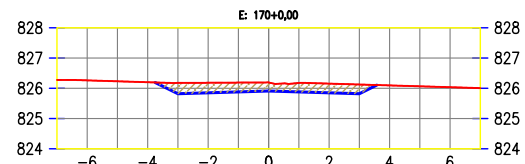
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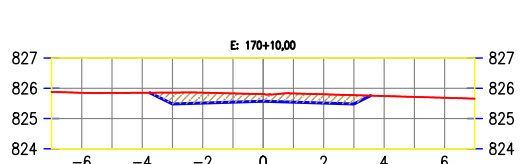
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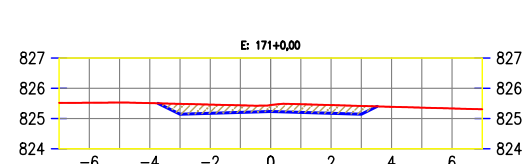
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		17 / 73
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



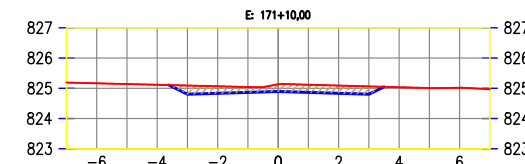
COTAS TN	826,26	826,23	826,20	826,18	826,19	826,19	826,17	826,15	826,12	826,09	826,06	826,03
COTAS PROJ.				825,82	825,85	825,88	825,91	825,88	825,85	825,82		
COTAS VERM.				-0,36	-0,33	-0,31	-0,29	-0,30	-0,31	-0,31		



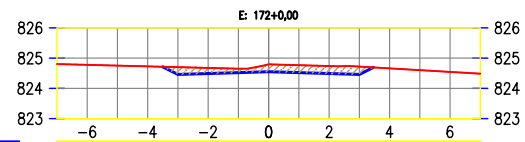
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COTAS PROJ.				825,48	825,51	825,54	825,57	825,54	825,51	825,48			
COTAS VERM.				-0,38	-0,35	-0,29	-0,24	-0,29	-0,29	-0,29			



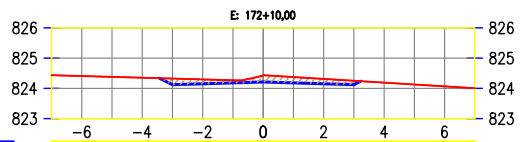
COTAS TN	825,52	825,53	825,51	825,48	825,46	825,43	825,45	825,47	825,44	825,41	825,39	825,36	825,33
COTAS PROJ.				825,14	825,17	825,20	825,23	825,20	825,17	825,14			
COTAS VERM.				-0,34	-0,29	-0,24	-0,22	-0,27	-0,27	-0,28			



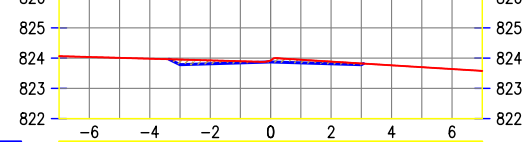
COTAS TN	825,16	825,14	825,11	825,09	825,06	825,04	825,13	825,12	825,09	825,06	825,03	825,01	825,02
COTAS PROJ.				824,80	824,83	824,86	824,89	824,86	824,83	824,80			
COTAS VERM.				-0,29	-0,24	-0,18	-0,24	-0,26	-0,26	-0,26			



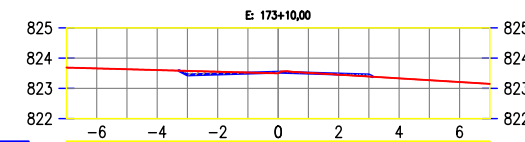
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COTAS PROJ.				824,46	824,49	824,52	824,55	824,52	824,49	824,46			
COTAS VERM.				-0,24	-0,19	-0,13	-0,24	-0,25	-0,25	-0,26			



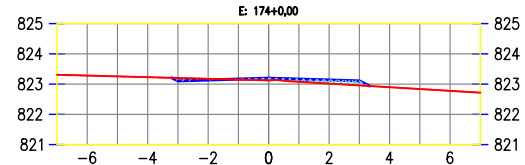
COTAS TN	824,41	824,38	824,35	824,32	824,30	824,27	824,42	824,37	824,31	824,25	824,19	824,13	824,07
COTAS PROJ.				824,12	824,15	824,18	824,21	824,18	824,15	824,12			
COTAS VERM.				-0,20	-0,14	-0,09	-0,21	-0,19	-0,16	-0,13			



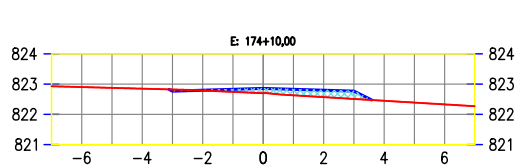
COTAS TN	824,04	824,01	823,98	823,95	823,93	823,90	823,92	823,95	823,89	823,82	823,76	823,70	823,64
COTAS PROJ.				823,78	823,81	823,84	823,87	823,84	823,81	823,78			
COTAS VERM.				-0,17	-0,11	-0,05	-0,05	-0,10	-0,07	-0,04			



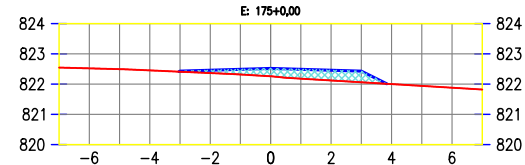
COTAS TN	823,66	823,63	823,61	823,58	823,55	823,52	823,50	823,51	823,45	823,39	823,33	823,27	823,21
COTAS PROJ.				823,44	823,47	823,50	823,53	823,51	823,47	823,44			
COTAS VERM.				-0,13	-0,08	-0,02	0,04	0,02	0,05	0,05			



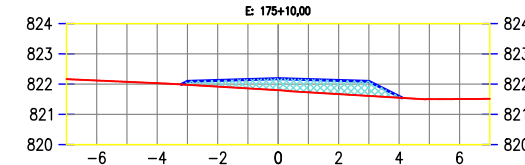
COTAS TN	823,28	823,25	823,23	823,20	823,17	823,15	823,12	823,08	823,02	822,96	822,90	822,84	822,78
COTAS PROJ.				823,11	823,14	823,17	823,20	823,17	823,14	823,11			
COTAS VERM.				-0,10	-0,04	0,02	0,08	0,09	0,12	0,15			



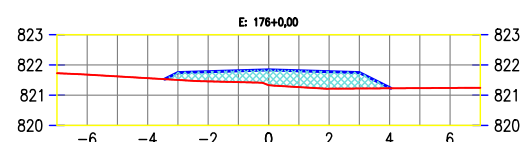
COTAS TN	822,90	822,87	822,85	822,82	822,79	822,74	822,86	822,70	822,63	822,57	822,51	822,45	822,39	822,33
COTAS PROJ.				822,77	822,80	822,83	822,86	822,83	822,80	822,77				
COTAS VERM.				-0,05	0,01	0,09	0,16	0,20	0,23	0,26				



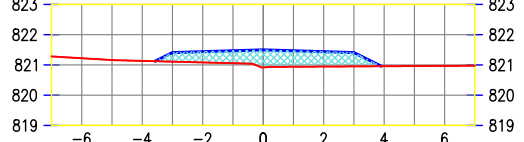
COTAS TN	822,52	822,49	822,45	822,41	822,36	822,32	822,26	822,18	822,12	822,06	822,00	821,94	821,88	
COTAS PROJ.				822,43	822,46	822,49	822,52	822,49	822,46	822,43				
COTAS VERM.				0,02	0,09	0,17	0,26	0,31	0,34	0,37				



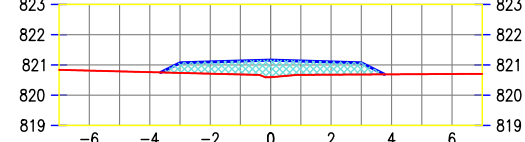
COTAS TN	822,12	822,07	822,03	821,98	821,92	821,86	821,80	821,73	821,67	821,61	821,55	821,50	821,51	
COTAS PROJ.				822,09	822,12	822,15	822,18	822,15	822,12	822,09				
COTAS VERM.				0,11	0,20	0,29	0,38	0,42	0,45	0,48	0,04			



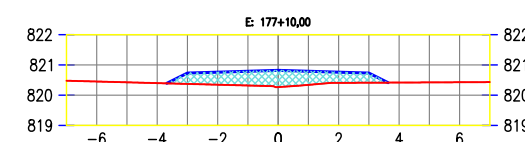
COTAS TN	821,68	821,62	821,56	821,51	821,46	821,43	821,33	821,27	821,22	821,23	821,23	821,24	
COTAS PROJ.				821,75	821,78	821,81	821,84	821,81	821,78	821,75			
COTAS VERM.				0,25	0,32	0,38	0,51	0,54	0,56	0,53	0,02		



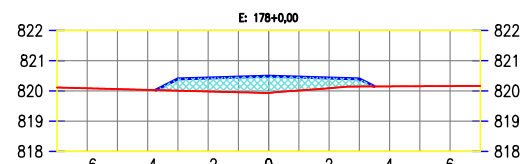
COTAS TN	821,22	821,16	821,11	821,08	821,06	820,92	820,94	820,95	820,95	820,96	820,96	820,97	
COTAS PROJ.				821,41	821,44	821,47	821,50	821,44	821,41	821,38			
COTAS VERM.				0,30	0,36	0,41	0,58	0,53	0,49	0,46			



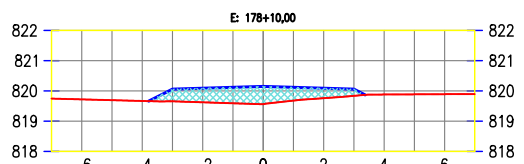
COTAS TN	820,81	820,79	820,76	820,74	820,71	820,69	820,59	820,67	820,68	820,68	820,68	820,70	
COTAS PROJ.				821,07	821,10	821,13	821,16	821,13	821,10	821,07			
COTAS VERM.				0,33	0,39	0,45	0,57	0,46	0,42	0,39			



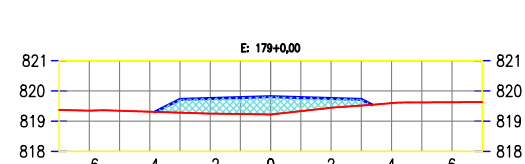
COTAS TN	820,45	820,43	820,40	820,37	820,35	820,32	820,27	820,34	820,41	820,42	820,42	820,43	
COTAS PROJ.				820,73	820,76	820,79	820,82	820,79	820,76	820,73			
COTAS VERM.				0,36	0,42	0,47	0,56	0,45	0,36	0,32			



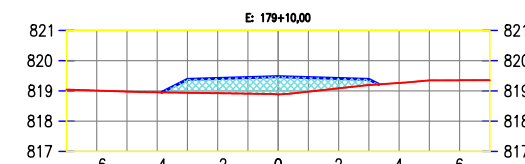
COTAS TN	820,09	820,06	820,03	820,01	819,98	819,96	819,93	820,01	820,09	820,14	820,15	820,15	820,16
COTAS PROJ.				820,40	820,43	820,46	820,49	820,46	820,43	820,40			
COTAS VERM.				0,39	0,44	0,50	0,56	0,44	0,34	0,25			



COTAS TN	819,72	819,69	819,67	819,66	819,62	819,59	819,56	819,68	819,76	819,84	819,88	819,89	819,89
COTAS PROJ.				820,06	820,09	820,12	820,15	820,12	820,09	820,06			
COTAS VERM.				0,40	0,46	0,53	0,59	0,44	0,33	0,22			

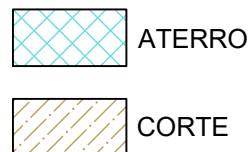


COTAS TN	819,35	819,34	819,31	819,28	819,25	819,24	819,21	819,33	819,44	819,52	819,60	819,62	819,62
COTAS PROJ.				819,72	819,75	819,78	819,81	819,78	819,75	819,72			
COTAS VERM.				0,44	0,50	0,54	0,59	0,45	0,31	0,20			



COTAS TN	819,01	818,98	818,95	818,94	818,92	818,91	818,88	819,47	819,09	819,19	819,26	819,35	819,35
COTAS PROJ.				819,38	819,41	819,44	819,47	819,44	819,41	819,38			
COTAS VERM.				0,44	0,48	0,53	0,58	0,46	0,32	0,18			

LEGENDA:

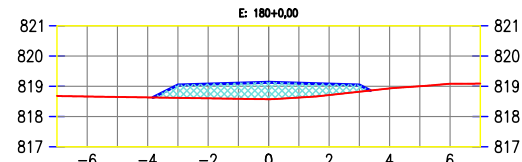


Arthur Moreira Torquato
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 Engº Civil - CREA 53900D - CE

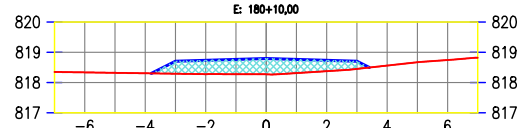


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

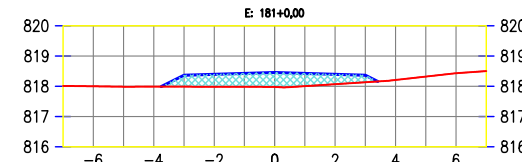
PRANCHA:	18 / 73
ESCALA:	1/250



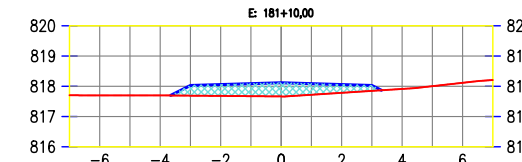
COTAS TN	818,66 818,65 818,63 818,60 818,59 818,57 818,63 818,82 818,83 819,00 819,08
COTAS PROJ.	0,42 0,47 0,51 0,56 0,47 0,36 0,22
COTAS VERM.	819,04 819,07 819,10 819,13 819,10 819,07 819,04



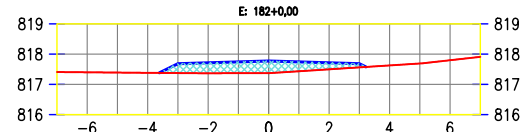
COTAS TN	818,33 818,32 818,30 818,29 818,27 818,27 818,31 818,37 818,45 818,56 818,67 818,74
COTAS PROJ.	0,41 0,46 0,49 0,52 0,45 0,36 0,25
COTAS VERM.	818,70 818,73 818,76 818,79 818,76 818,73 818,70



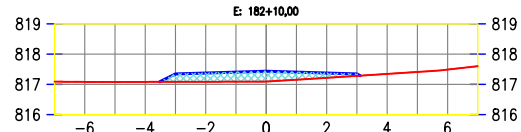
COTAS TN	818,00 817,98 817,99 817,99 817,98 817,98 818,00 818,07 818,13 818,21 818,32 818,43
COTAS PROJ.	0,38 0,41 0,44 0,48 0,42 0,32 0,23
COTAS VERM.	818,36 818,39 818,42 818,45 818,42 818,39 818,36



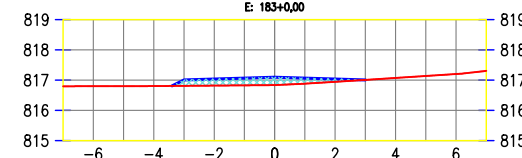
COTAS TN	817,70 817,70 817,70 817,68 817,67 817,66 817,72 817,78 817,85 817,91 818,00 818,11
COTAS PROJ.	0,34 0,37 0,41 0,45 0,37 0,27 0,18
COTAS VERM.	818,02 818,05 818,08 818,11 818,08 818,05 818,02



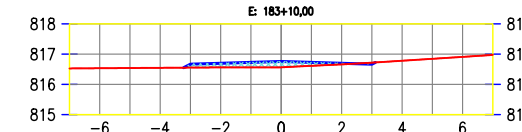
COTAS TN	817,40 817,39 817,38 817,37 817,37 817,37 817,43 817,50 817,56 817,63 817,69 817,80
COTAS PROJ.	0,31 0,35 0,37 0,40 0,31 0,22 0,12
COTAS VERM.	817,68 817,71 817,74 817,77 817,74 817,50 817,68



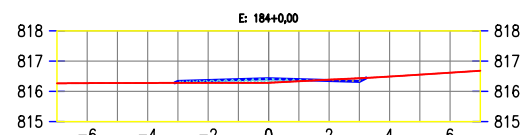
COTAS TN	817,08 817,08 817,08 817,08 817,09 817,09 817,15 817,22 817,28 817,35 817,41 817,49
COTAS PROJ.	0,26 0,29 0,32 0,34 0,25 0,16 0,06
COTAS VERM.	817,35 817,38 817,41 817,44 817,41 817,38 817,35



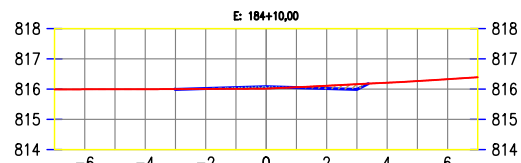
COTAS TN	816,80 816,80 816,80 816,81 816,82 816,83 816,84 816,88 816,94 816,94 817,01 817,07 817,14 817,20
COTAS PROJ.	0,20 0,22 0,24 0,26 0,18 0,09 0,00
COTAS VERM.	817,01 817,04 817,07 817,10 817,07 817,04 817,01



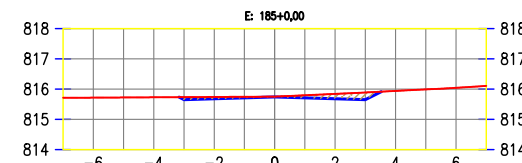
COTAS TN	816,53 816,54 816,55 816,55 816,56 816,56 816,61 816,66 816,72 816,78 816,85 816,91
COTAS PROJ.	0,11 0,14 0,17 0,19 0,11 0,04 -0,05
COTAS VERM.	816,67 816,70 816,73 816,76 816,73 816,70 816,67



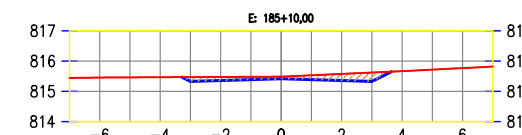
COTAS TN	816,27 816,27 816,28 816,28 816,28 816,28 816,33 816,38 816,43 816,49 816,55 816,62
COTAS PROJ.	0,05 0,08 0,11 0,14 0,06 -0,03 -0,10
COTAS VERM.	816,36 816,39 816,42 816,45 816,36 816,33 816,33



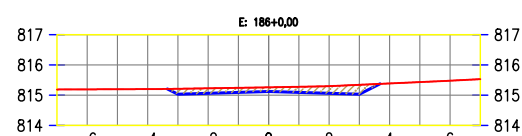
COTAS TN	815,99 815,99 815,99 816,00 816,00 816,01 816,02 816,06 816,16 816,21 816,26 816,33
COTAS PROJ.	-0,01 0,02 0,04 0,07 -0,01 -0,09 -0,17
COTAS VERM.	815,99 816,02 816,05 816,08 816,05 816,02 815,99



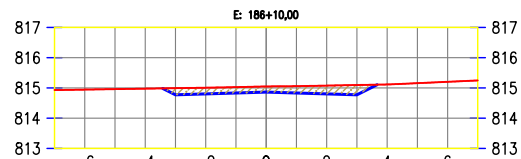
COTAS TN	815,72 815,72 815,73 815,73 815,74 815,74 815,75 815,79 815,84 815,89 815,94 815,99 816,04
COTAS PROJ.	-0,08 -0,06 -0,03 -0,01 -0,08 -0,16 -0,24
COTAS VERM.	815,65 815,68 815,71 815,74 815,71 815,68 815,65



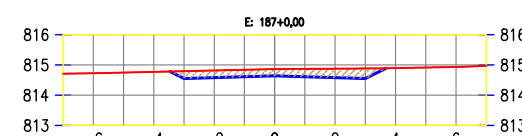
COTAS TN	815,46 815,46 815,47 815,47 815,48 815,48 815,53 815,58 815,62 815,67 815,72 815,77
COTAS PROJ.	-0,14 -0,12 -0,09 -0,07 -0,14 -0,22 -0,30
COTAS VERM.	815,33 815,36 815,39 815,42 815,39 815,36 815,33



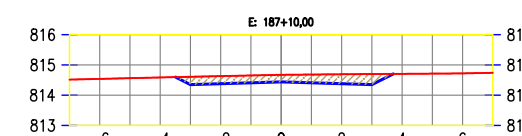
COTAS TN	815,19 815,20 815,20 815,21 815,24 815,26 815,28 815,30 815,34 815,39 815,43 815,48
COTAS PROJ.	-0,18 -0,17 -0,15 -0,14 -0,19 -0,24 -0,31
COTAS VERM.	815,03 815,06 815,09 815,12 815,09 815,06 815,03



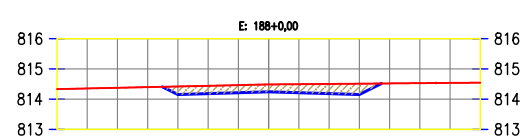
COTAS TN	814,95 814,96 814,98 814,99 815,01 815,03 815,05 815,06 815,08 815,10 815,12 815,16 815,20
COTAS PROJ.	-0,22 -0,20 -0,19 -0,19 -0,22 -0,27 -0,32
COTAS VERM.	814,78 814,81 814,84 814,87 814,84 814,81 814,78



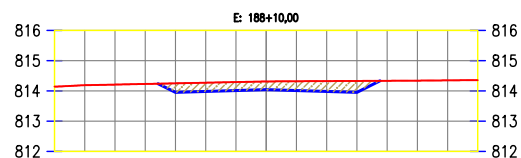
COTAS TN	814,73 814,75 814,77 814,79 814,82 814,84 814,86 814,87 814,88 814,88 814,90 814,92 814,93
COTAS PROJ.	-0,24 -0,24 -0,23 -0,22 -0,26 -0,30 -0,33
COTAS VERM.	814,55 814,58 814,61 814,64 814,61 814,58 814,55



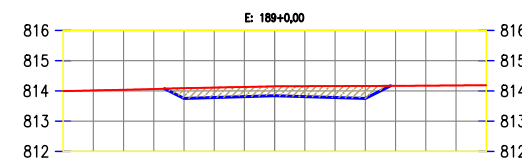
COTAS TN	814,54 814,56 814,59 814,61 814,65 814,68 814,68 814,69 814,70 814,71 814,71 814,72
COTAS PROJ.	-0,26 -0,25 -0,24 -0,23 -0,27 -0,31 -0,35
COTAS VERM.	814,38 814,41 814,44 814,44 814,41 814,38 814,35



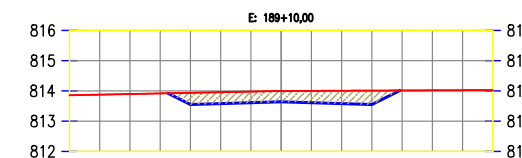
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COTAS PROJ.	-0,27 -0,26 -0,25 -0,25 -0,28 -0,32 -0,36
COTAS VERM.	814,15 814,18 814,21 814,24 814,21 814,18 814,15



COTAS TN	814,19 814,21 814,25 814,27 814,29 814,31 814,32 814,32 814,33 814,33 814,34 814,35
COTAS PROJ.	-0,30 -0,29 -0,28 -0,27 -0,31 -0,34 -0,38
COTAS VERM.	813,95 813,98 814,01 814,04 814,01 813,98 813,95

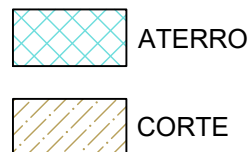


COTAS TN	814,02 814,04 814,06 814,09 814,11 814,13 814,15 814,16 814,16 814,16 814,17 814,17 814,18
COTAS PROJ.	-0,34 -0,33 -0,32 -0,31 -0,34 -0,38 -0,41
COTAS VERM.	813,75 813,78 813,81 813,84 813,81 813,78 813,75



COTAS TN	813,88 813,90 813,92 813,94 813,96 813,98 813,99 814,00 814,01 814,01 814,02 814,02
COTAS PROJ.	-0,39 -0,38 -0,37 -0,35 -0,39 -0,43 -0,46
COTAS VERM.	813,55 813,58 813,61 813,64 813,61 813,58 813,55

LEGENDA:



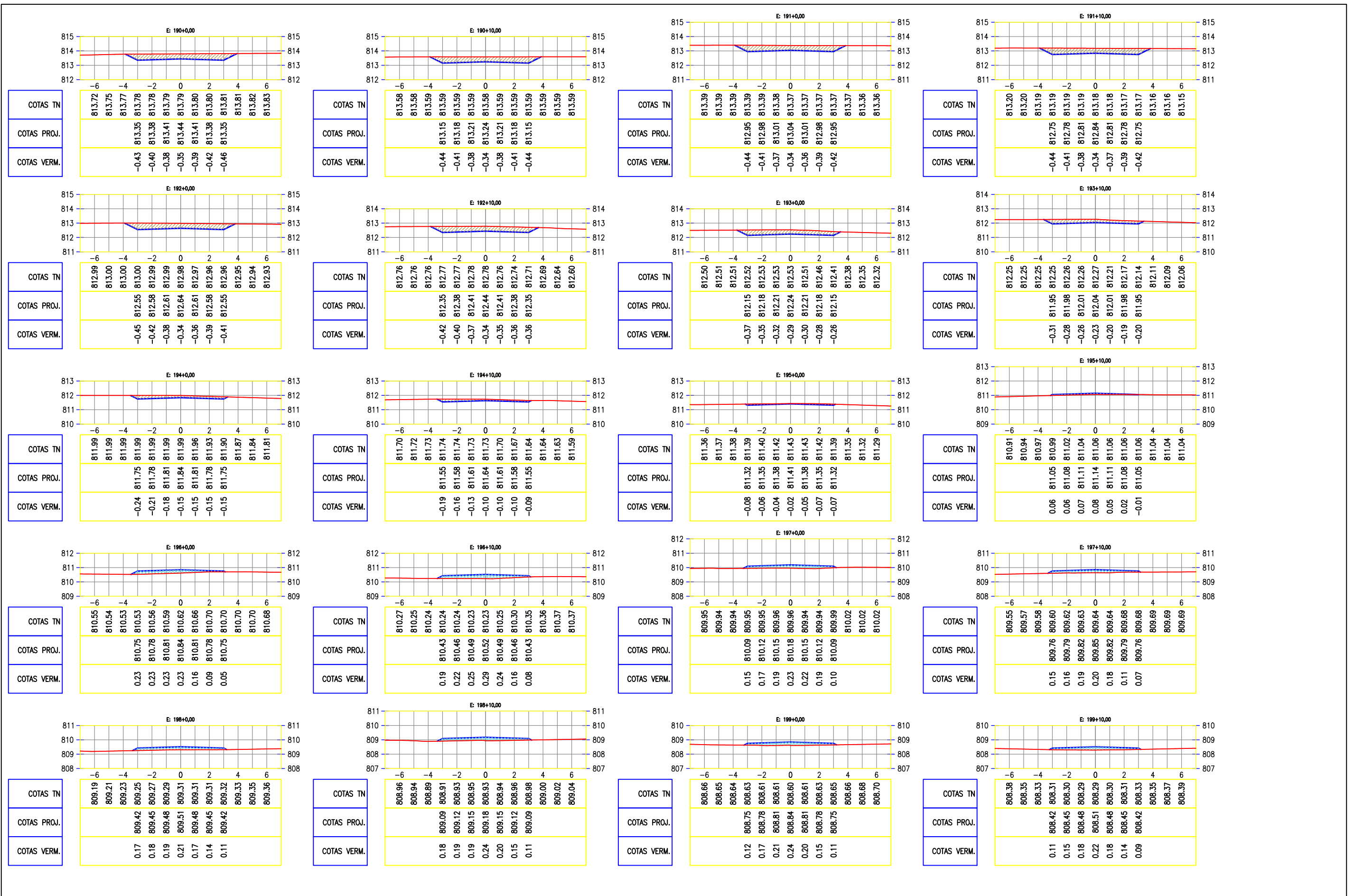
JOTA BARROS PROJETOS
Arthur Moreira Torquato
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03

SEÇÕES TRANSVERSAIS
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:
19 / 73
ESCALA:
1/250



LEGENDA:



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		20 / 73
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



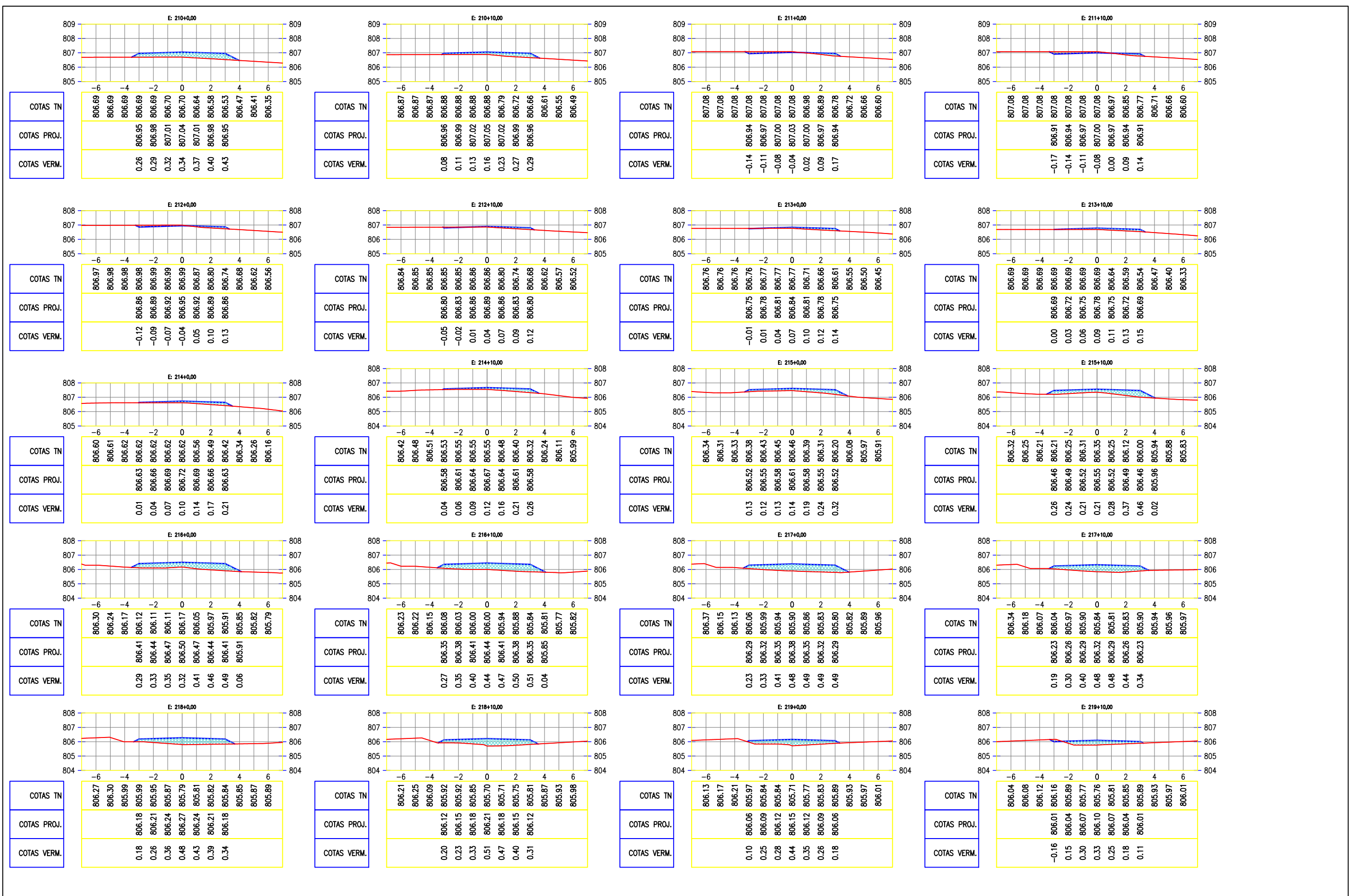
LEGENDA:





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		21 / 73
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA:
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	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: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:

22 / 73


ESCALA:


1/250



LEGENDA:

- ATERRO
- CORTE


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SEÇÕES TRANSVERSAIS

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

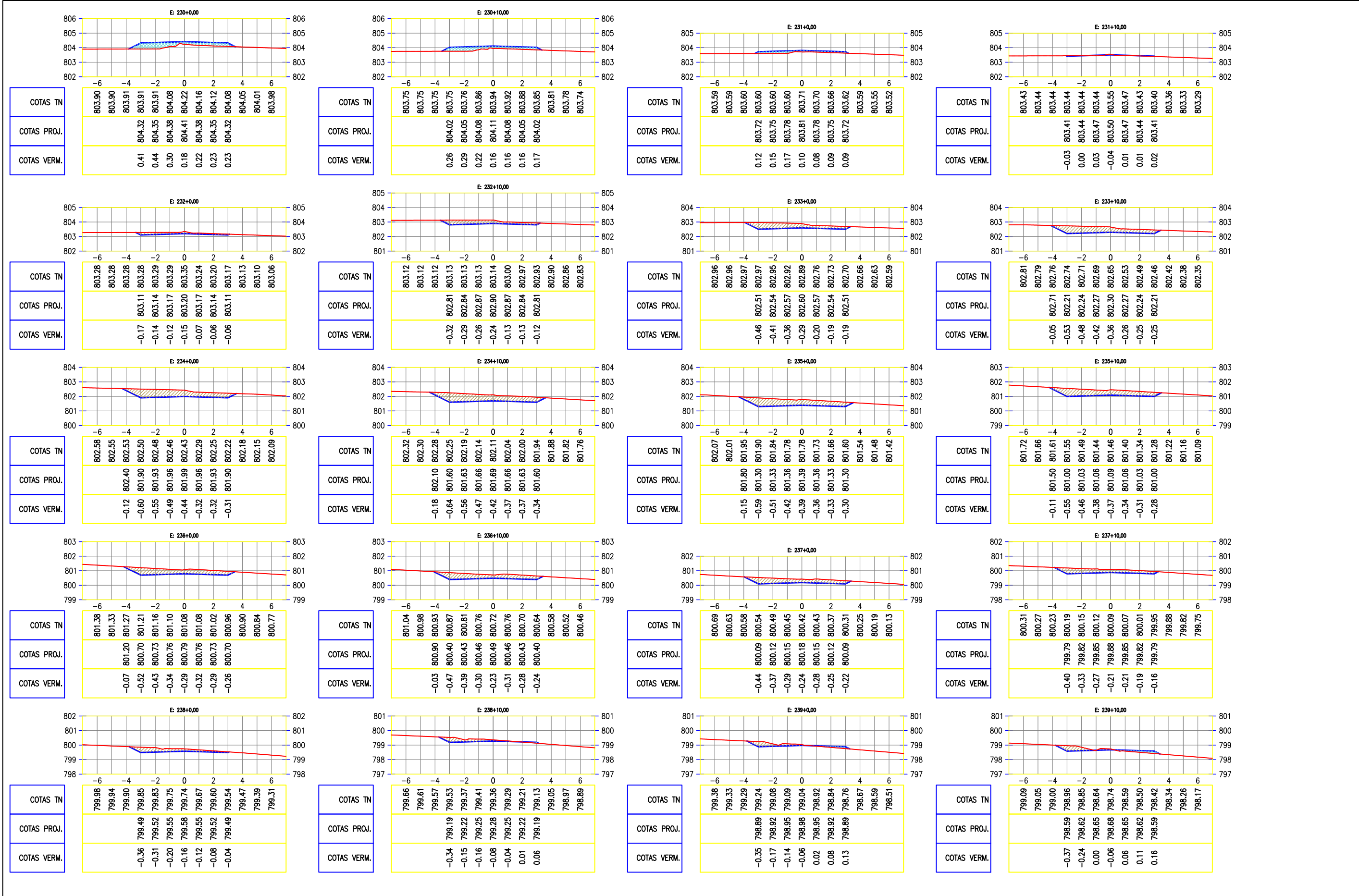
ARQUIVO: TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG

PRANCHA:


23 / 73

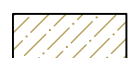
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1/250

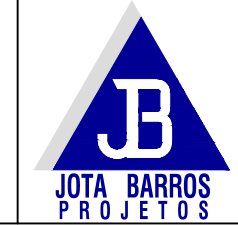


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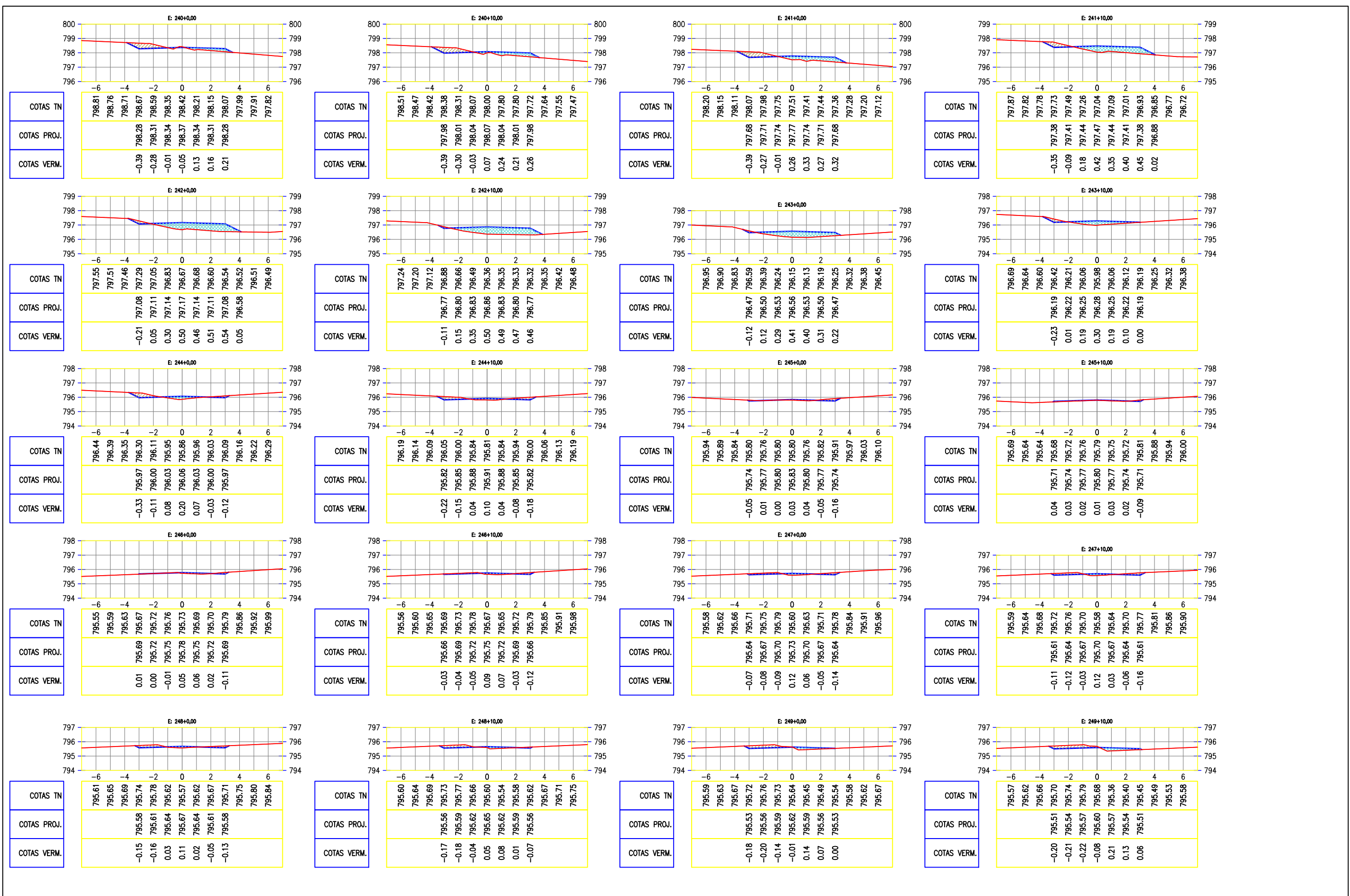
 ATERRO

 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		24 / 73
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-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

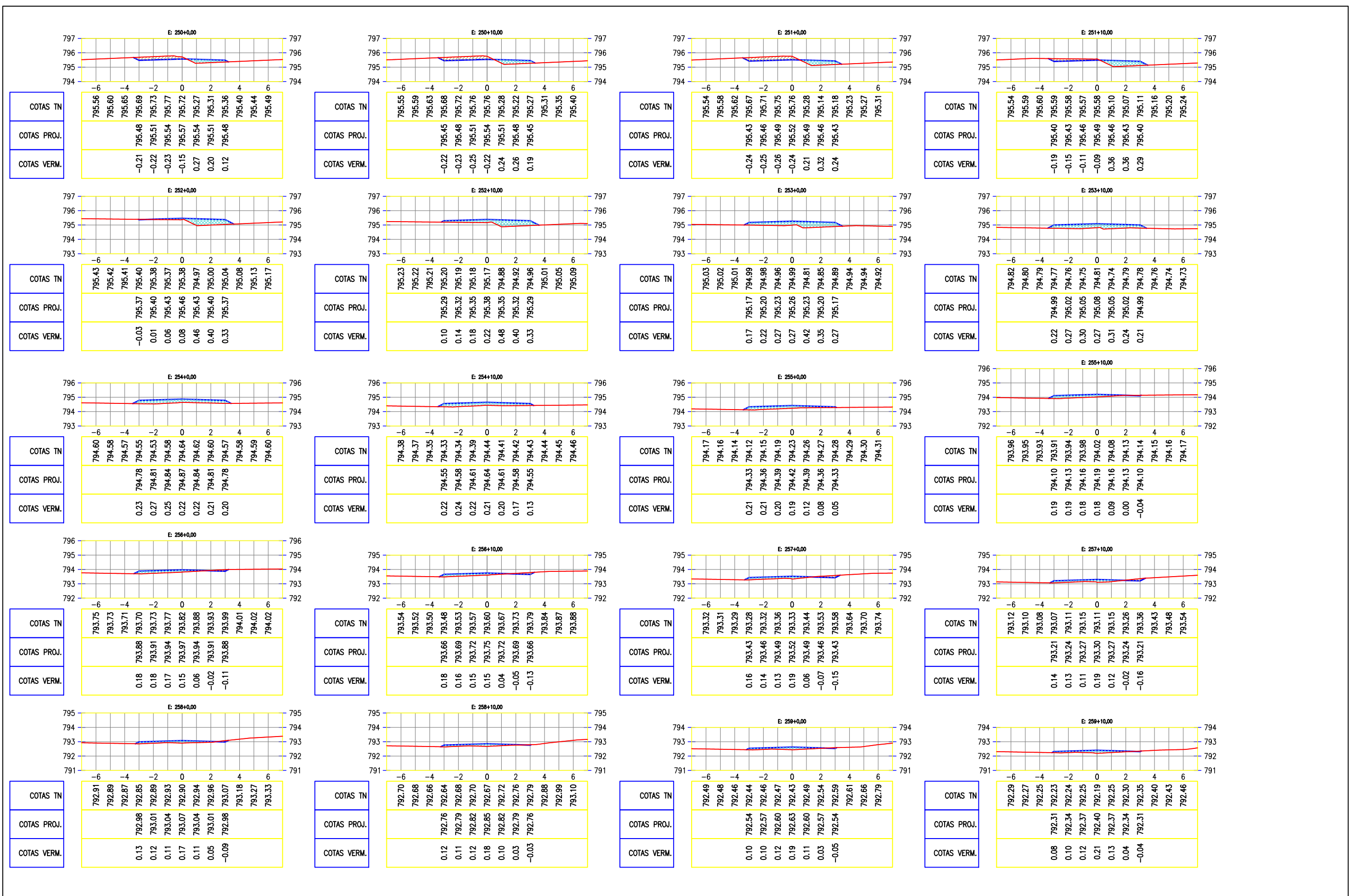
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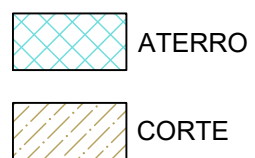
25 / 73

ESCALA:

1/250



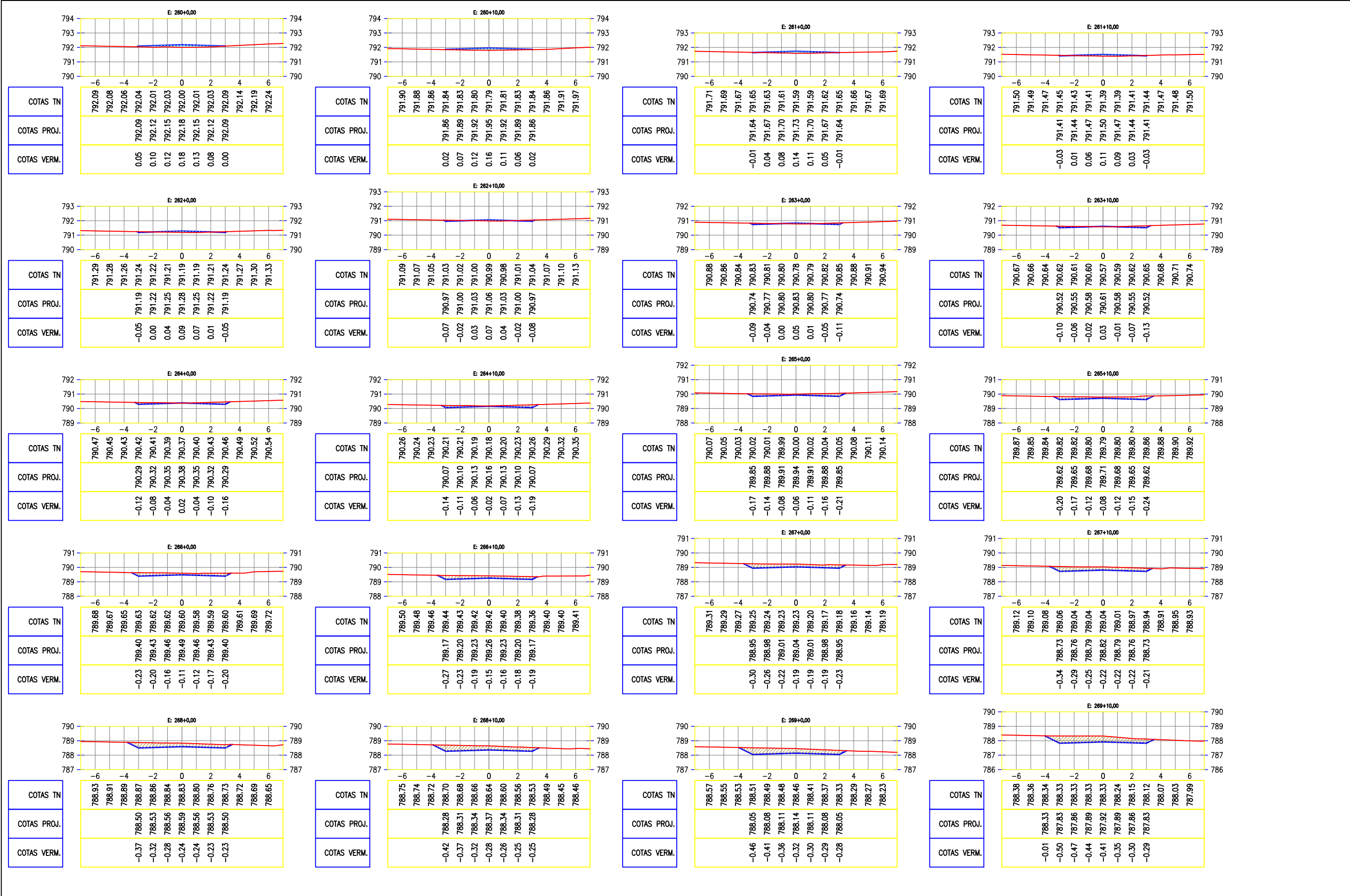
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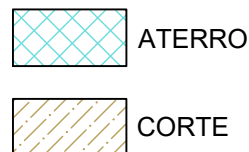
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: 26 / 73
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	



LEGENDA:



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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		27 / 73
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA:
ARQUIVO:	TRECHO LIMOEIRO DOS POMPEUS A DESCOBERTA-SEÇÕES.DWG	1/250