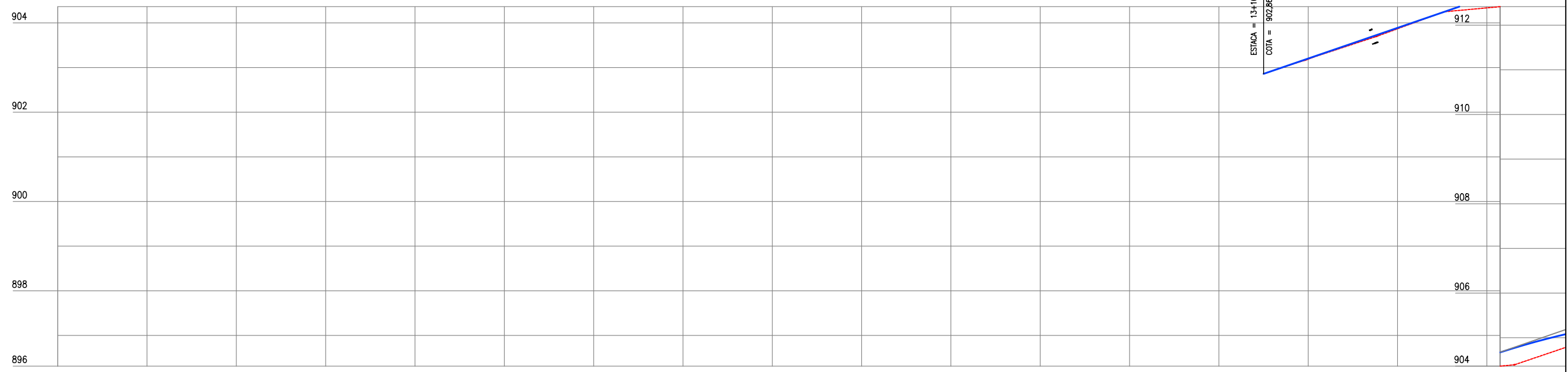


Currallinho - Sussuanha



Estaca	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Cota do terreno	896,209	897,555	896,876	896,556	896,482	896,695	897,032	897,398	897,973	896,566	899,574	900,260	901,168	902,389	903,189	903,669	904,337
Cota da terraplenagem															903,203		
Cota vermelha															0,014		

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

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

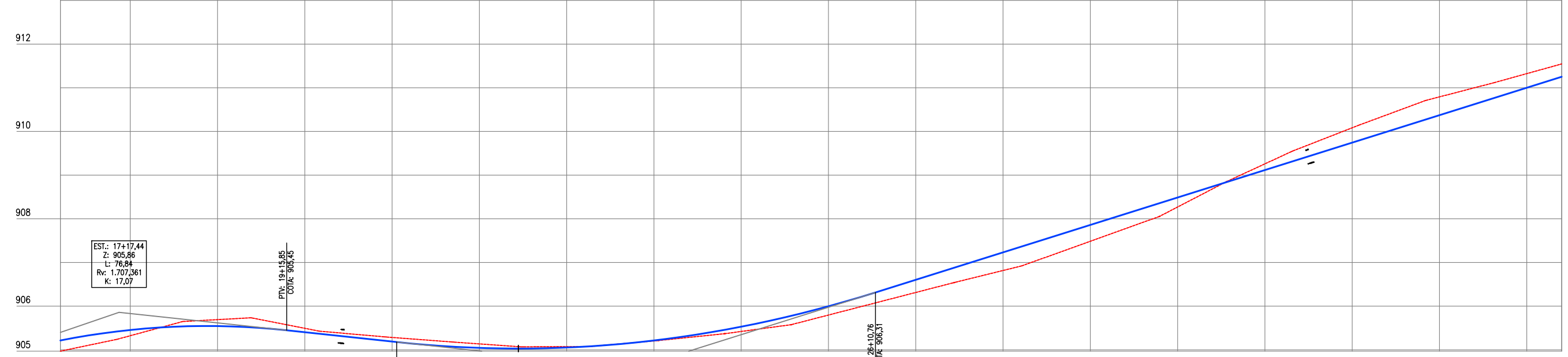
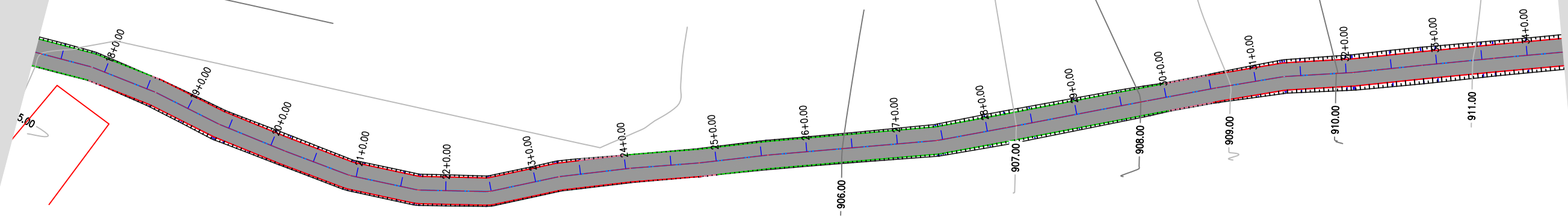
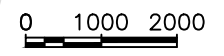
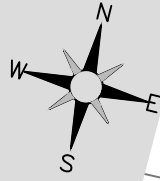


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

PRANCHA:
1 / 09

ESCALA:
 H 1/1000
 V 1/100



EST.: 17+17,44
Z: 905,86
L: 76,84
Rv: 1,707,361
K: 17,07

PIV: 19+15,85
COTA: 905,45

EST.: 23+10,76
Z: 906,53
L: 109,70
Rv: 2,605,270
K: 26,052,653

PIV: 26+10,76
COTA: 906,53

Estaca	Cota do terreno	Cota da terraplenagem	Cota vermella
17	904,970	905,216	0,245
18	905,323	905,465	0,132
19	905,692	905,544	-0,148
20	905,493	905,604	-0,090
21	905,284	905,190	-0,094
22	905,136	905,045	-0,091
23	905,074	905,063	-0,021
24	905,215	905,215	0,010
25	905,421	905,530	0,109
26	905,797	905,998	0,201
27	906,314	906,604	0,290
28	906,817	907,232	0,415
29	907,486	907,860	0,374
30	908,270	908,488	0,218
31	909,258	909,116	-0,142
32	910,084	909,744	-0,340
33	1,791		
34	,324		
34	,545		

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

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

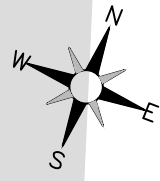


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

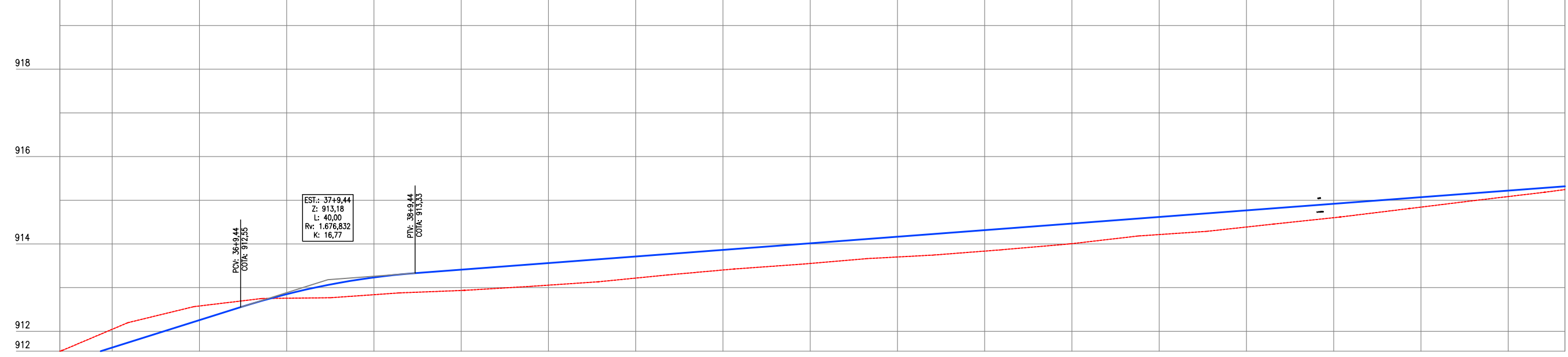
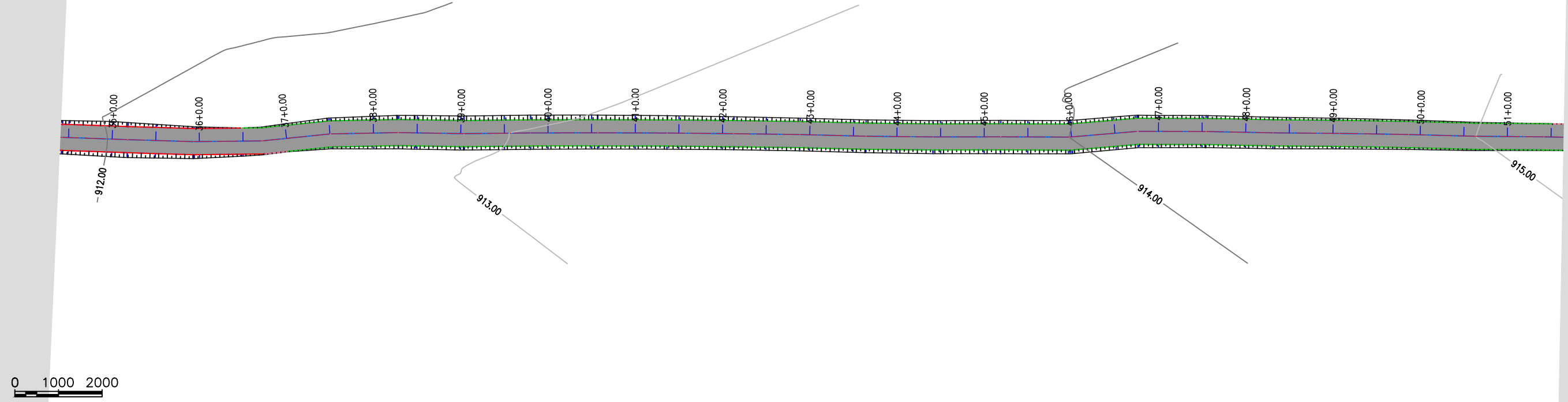
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

PRANCHA:
2 / 09

ESCALA:
H 1/1000
V 1/100



PRANCHA



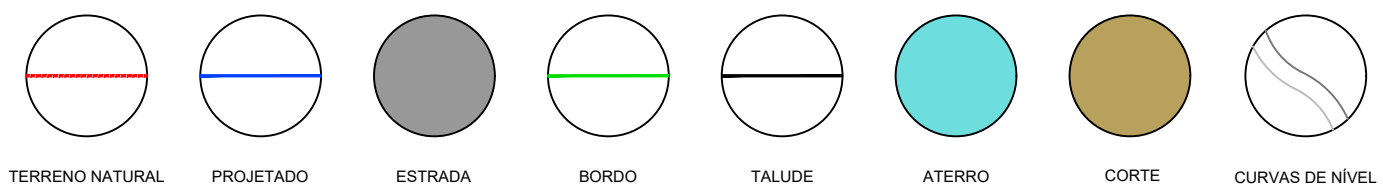
EST.: 37+9.44
Z: 913,18
L: 40,00
Rv: 1.676,832
K: 16,77

PVI: 36+9.44
COTA: 912,55

PVI: 38+9.44
COTA: 913,33

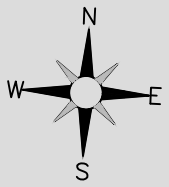
Estaca	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51
Cota do terreno	911,545	912,046	912,579	912,757	912,838	912,934	913,056	913,218	913,403	913,553	913,701	913,836	914,006	914,214	914,387	914,600	914,843	915,070	915,244
Cota da terraplenagem	911,251	911,828	912,256	912,850	913,233	913,411	913,561	913,712	913,863	914,014	914,165	914,316	914,467	914,618	914,768	914,919	915,070	915,221	915,372
Cota vermelha	-0,294	-0,418	-0,324	0,093	0,395	0,476	0,505	0,485	0,460	0,461	0,464	0,480	0,461	0,403	0,381	0,319	0,278	0,244	0,210

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



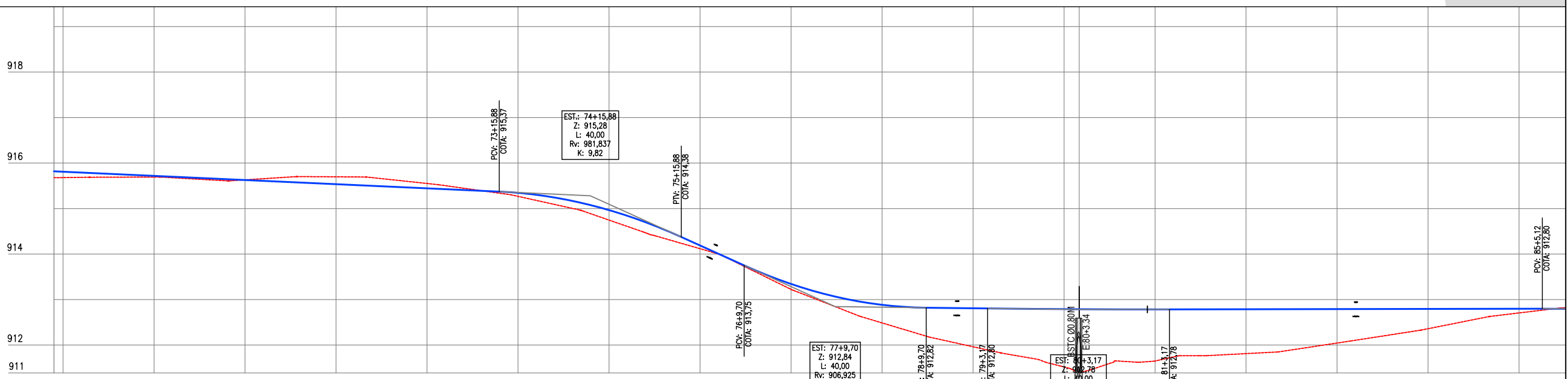
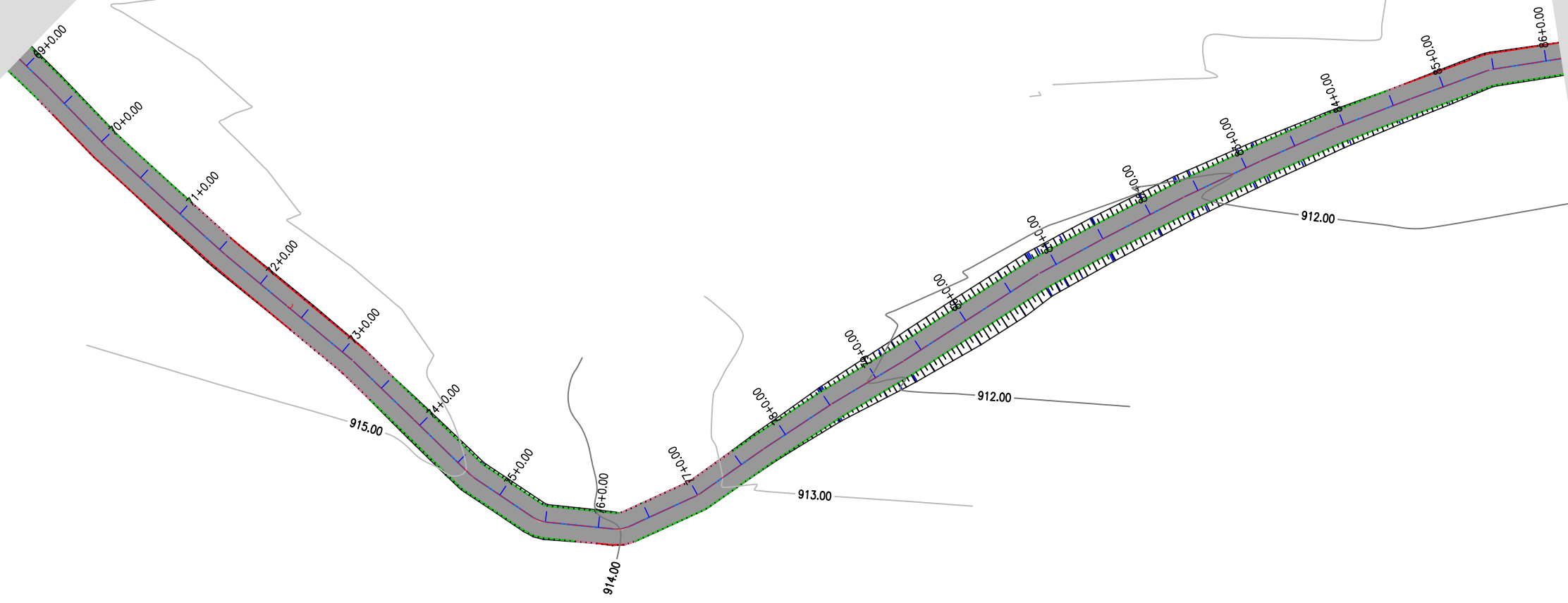
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

PRANCHA:
3 / 09
 ESCALA:
 H 1/1000
 V 1/100



ANCHA - 4

0 1000 2000



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
68	915,678	915,678	0,140
69	915,680	915,680	0,129
70	915,683	915,718	0,026
71	915,631	915,627	-0,004
72	915,688	915,536	-0,162
73	915,551	915,445	-0,106
74	915,268	915,345	0,077
75	914,747	914,967	0,220
76	914,118	914,189	0,071
77	913,223	913,342	0,119
78	912,486	912,884	0,397
79	911,962	912,808	0,846
80	911,518	912,789	1,271
81	911,649	912,787	1,398
82	911,811	912,783	1,135
83	912,044	912,790	0,746
84	912,359		
85	912,706		

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

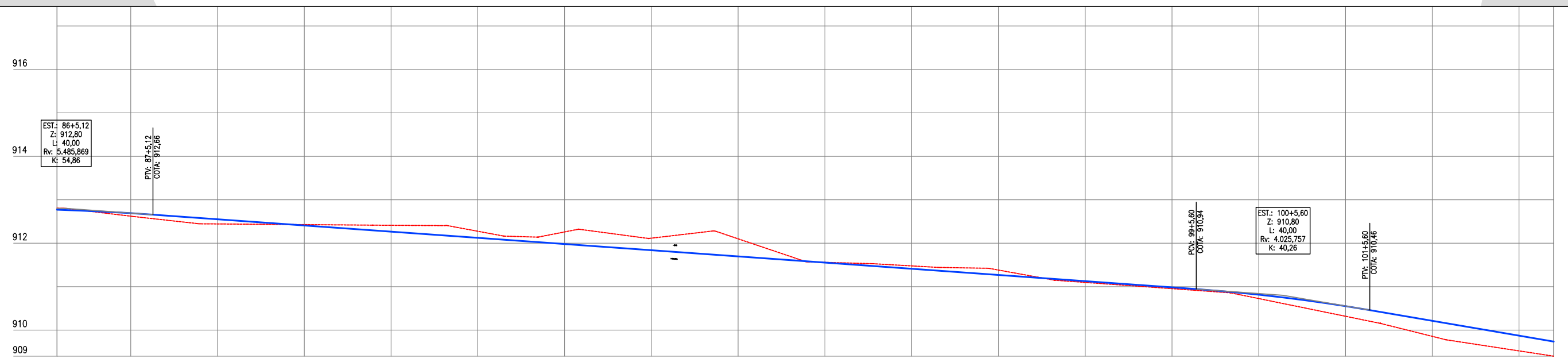
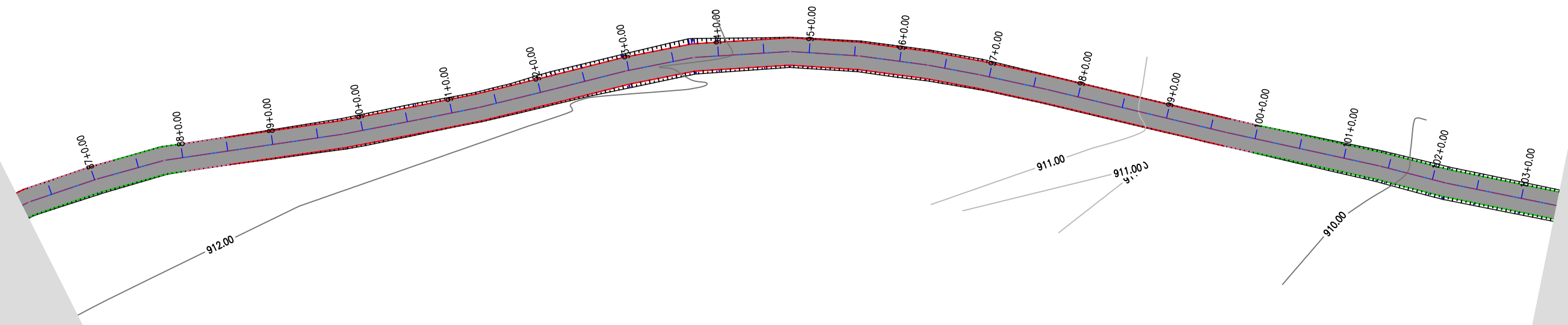
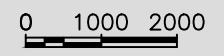
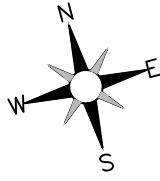
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

PRANCHA: **5 / 09**
 ESCALA: H 1/1000
 V 1/100



Estaca	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	103
Cota do terreno	912,806	912,622	912,444	912,428	912,413	912,276	912,260	912,116	912,102	911,559	911,478	911,382	911,098	910,955	910,726	910,319	,857	,522	,400
Cota da terraplenagem	912,771	912,692	912,552	912,409	912,287	912,124	911,982	911,839	911,697	911,554	911,411	911,269	911,126	910,984	910,816	910,552			
Cota vermelha	-0,035	0,070	0,108	-0,019	-0,146	-0,151	-0,278	-0,277	-0,405	-0,005	-0,087	-0,113	0,028	0,029	0,089	0,233			

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



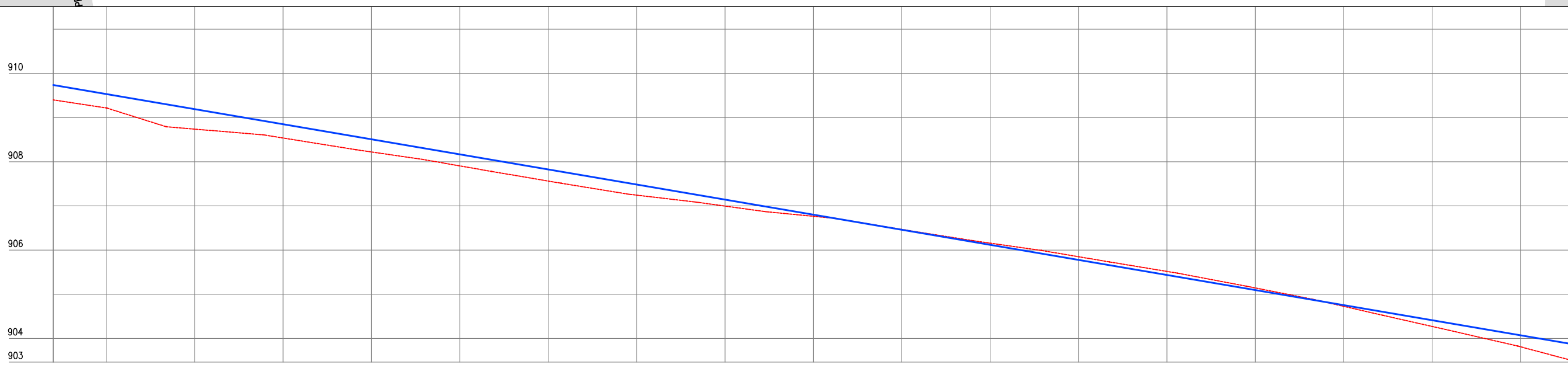
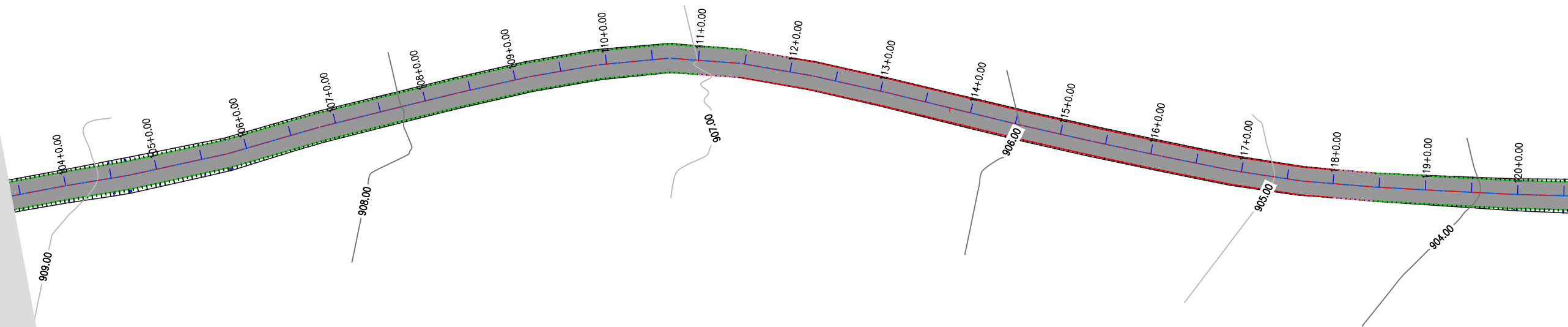
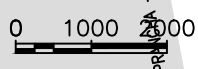
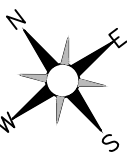
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

PRANCHA:
6 / 09

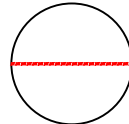
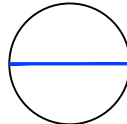
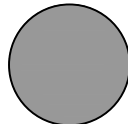
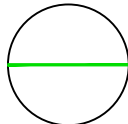
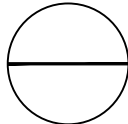
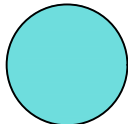

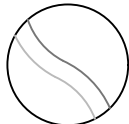
ESCALA:
H 1/1000
V 1/100

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



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,336	909,737	909,400	103
0,314	909,532	909,218	104
0,452	909,191	908,739	105
0,312	908,849	908,538	106
0,286	908,508	908,222	107
0,261	908,167	907,906	108
0,262	907,825	907,563	109
0,240	907,484	907,244	110
0,147	907,143	906,996	111
0,037	906,802	906,765	112
-0,007	906,460	906,467	113
-0,038	906,119	906,157	114
-0,072	905,778	905,650	115
-0,080	905,437	905,517	116
-0,047	905,095	905,143	117
0,028	904,754	904,726	118
		1,271	119
		1,811	120
		1,464	120


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

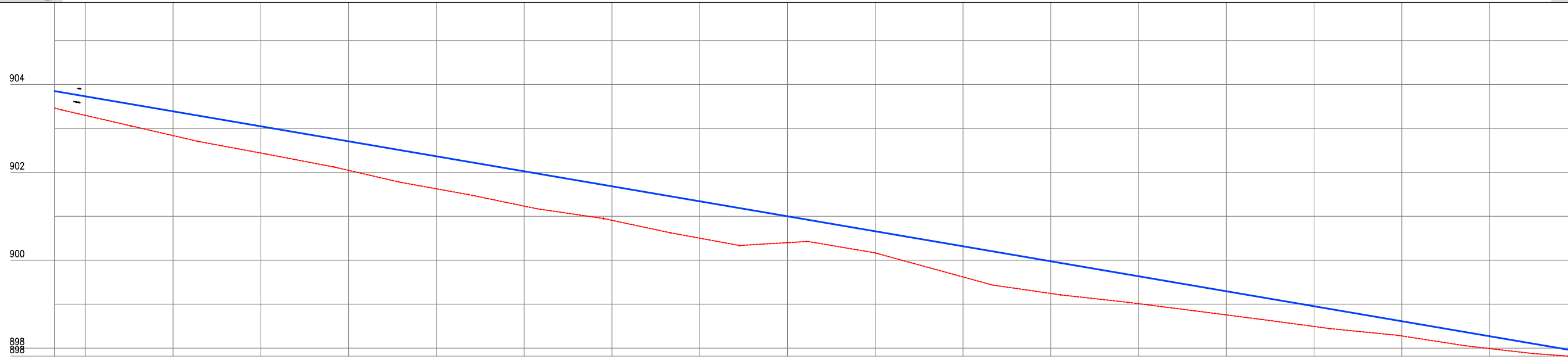
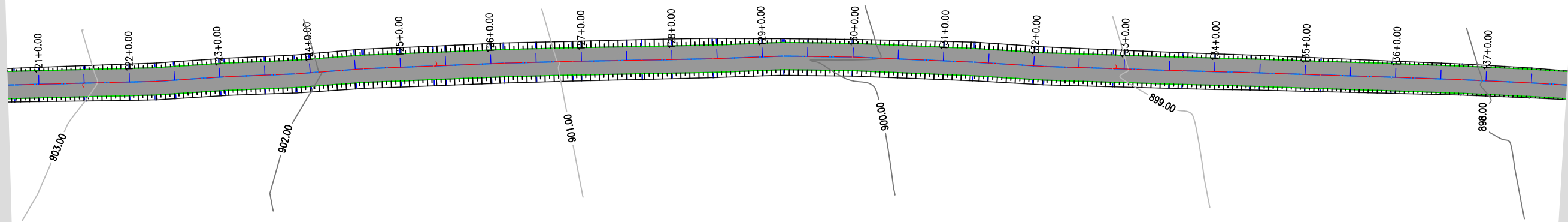
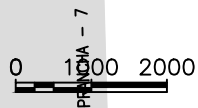
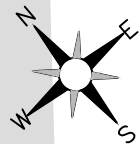
							
TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

PRANCHA:
7 / 09
 ESCALA:
 H 1/1000
 V 1/100



Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,386	903,650	903,464	120
0,433	903,730	903,297	121
0,552	903,389	902,837	122
0,607	903,048	902,440	123
0,661	902,706	902,046	124
0,739	902,365	901,626	125
0,792	902,024	901,232	126
0,774	901,683	900,909	127
0,839	901,341	900,502	128
0,589	901,000	900,401	129
0,492	900,659	900,167	130
0,687	900,317	899,620	131
0,732	899,976	899,244	132
0,623	899,635	899,012	133
0,537	899,294	898,756	134
0,460	898,952	898,493	135
0,334	898,611	898,277	136
		898,990	137
		898,818	137

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

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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

PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20-SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

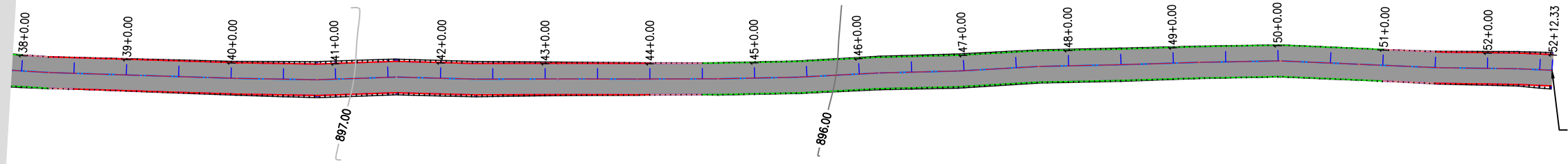
PRANCHA:
8 / 09

ESCALA:
 H 1/1000
 V 1/100

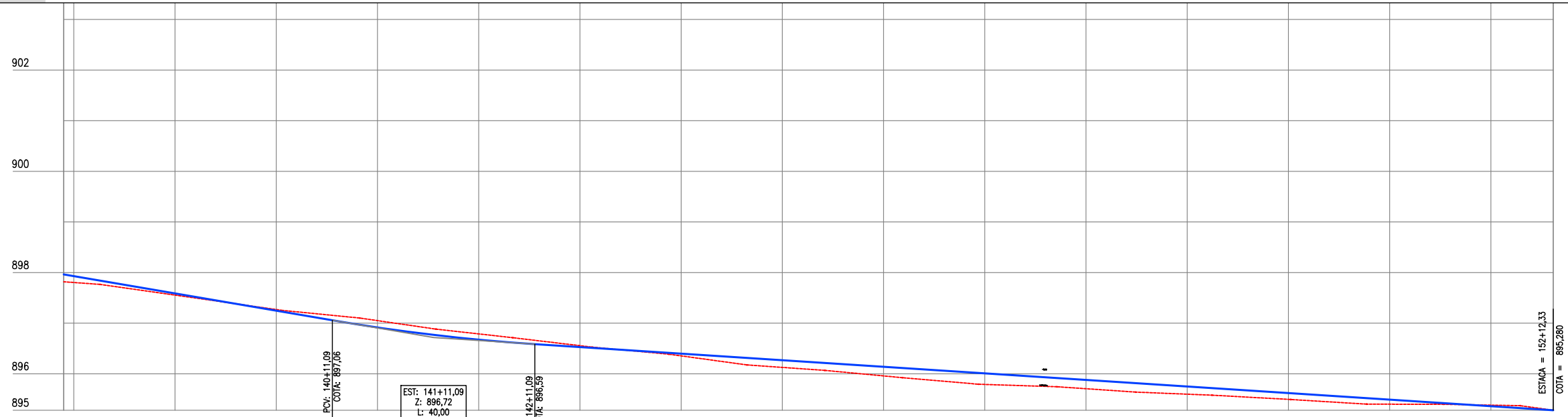


0 1000 2000

PRANCHA - 8



E: 299107.059
N: 9540175.148



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,145	897,963	897,818	137
0,125	897,929	897,804	138
0,033	897,587	897,555	139
-0,023	897,246	897,269	140
-0,135	896,915	897,050	141
-0,114	896,674	896,788	142
-0,028	896,528	896,556	143
0,044	896,386	896,354	144
0,142	896,268	896,126	145
0,181	896,139	895,958	146
0,220	896,009	895,789	147
0,174	895,879	895,705	148
0,153	895,749	895,597	149
0,125	895,620	895,494	150
0,091	895,490	895,399	151
-0,020	895,360	895,380	152
		895,280	152

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

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

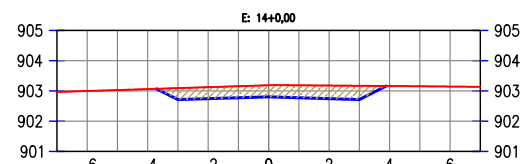


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

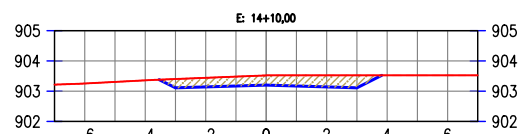
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - GEO_R2.DWG

PRANCHA:
9 / 09

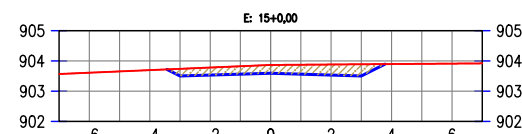
ESCALA:
H 1/1000
V 1/100



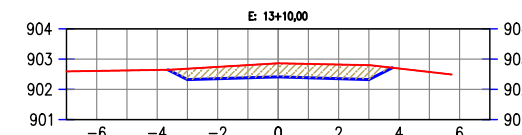
COTAS TN	903.00 903.03 903.06 903.09 903.13 903.16 903.19 903.19 903.18 903.17 903.16 903.15 903.15
COTAS PROJ.	
COTAS VERM.	-0.38 -0.38 -0.38 -0.38 -0.41 -0.43 -0.45 -0.45



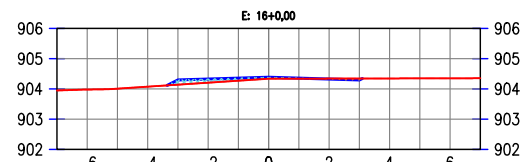
COTAS TN	903.26 903.31 903.36 903.40 903.44 903.48 903.52 903.52 903.52 903.52 903.52 903.52
COTAS PROJ.	
COTAS VERM.	-0.29 -0.30 -0.31 -0.32 -0.35 -0.38 -0.41



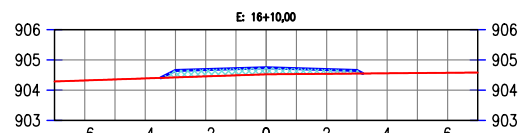
COTAS TN	903.61 903.65 903.70 903.74 903.78 903.83 903.87 903.88 903.88 903.89 903.90 903.91 903.91
COTAS PROJ.	
COTAS VERM.	-0.23 -0.25 -0.26 -0.27 -0.31 -0.35 -0.39



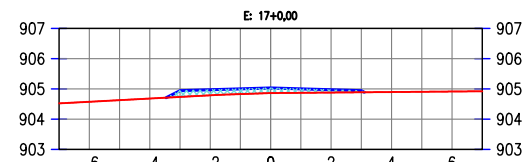
COTAS TN	902.61 902.62 902.64 902.68 902.74 902.80 902.86 902.86 902.84 902.82 902.80 902.69 902.57
COTAS PROJ.	
COTAS VERM.	-0.36 -0.39 -0.42 -0.45 -0.46 -0.47 -0.47



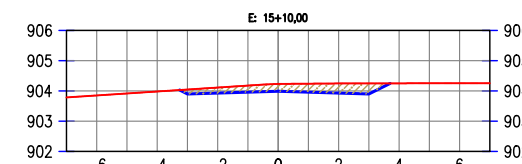
COTAS TN	903.98 904.01 904.07 904.14 904.21 904.27 904.34 904.34 904.34 904.34 904.35 904.35 904.35
COTAS PROJ.	
COTAS VERM.	0.15 0.12 0.08 0.05 0.01 -0.02 -0.05



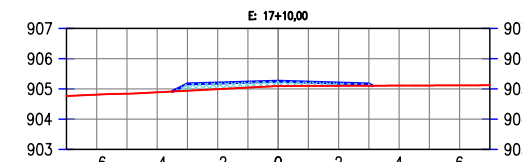
COTAS TN	904.32 904.35 904.39 904.42 904.46 904.49 904.52 904.53 904.54 904.55 904.56 904.57 904.57
COTAS PROJ.	
COTAS VERM.	0.23 0.22 0.22 0.22 0.18 0.14 0.10



COTAS TN	904.57 904.63 904.68 904.73 904.79 904.83 904.86 904.87 904.88 904.89 904.90 904.90 904.91
COTAS PROJ.	
COTAS VERM.	0.20 0.18 0.17 0.17 0.13 0.09 0.05



COTAS TN	903.85 903.92 903.96 904.05 904.11 904.18 904.23 904.24 904.25 904.25 904.25 904.25 904.26
COTAS PROJ.	
COTAS VERM.	-0.15 -0.18 -0.22 -0.24 -0.28 -0.32 -0.35



COTAS TN	904.81 904.84 904.89 904.94 904.99 905.04 905.10 905.10 905.10 905.11 905.11 905.11 905.12
COTAS PROJ.	
COTAS VERM.	0.22 0.20 0.18 0.16 0.12 0.09 0.06

LEGENDA:



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



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:	1 / 15
ESCALA:	1/250



LEGENDA:

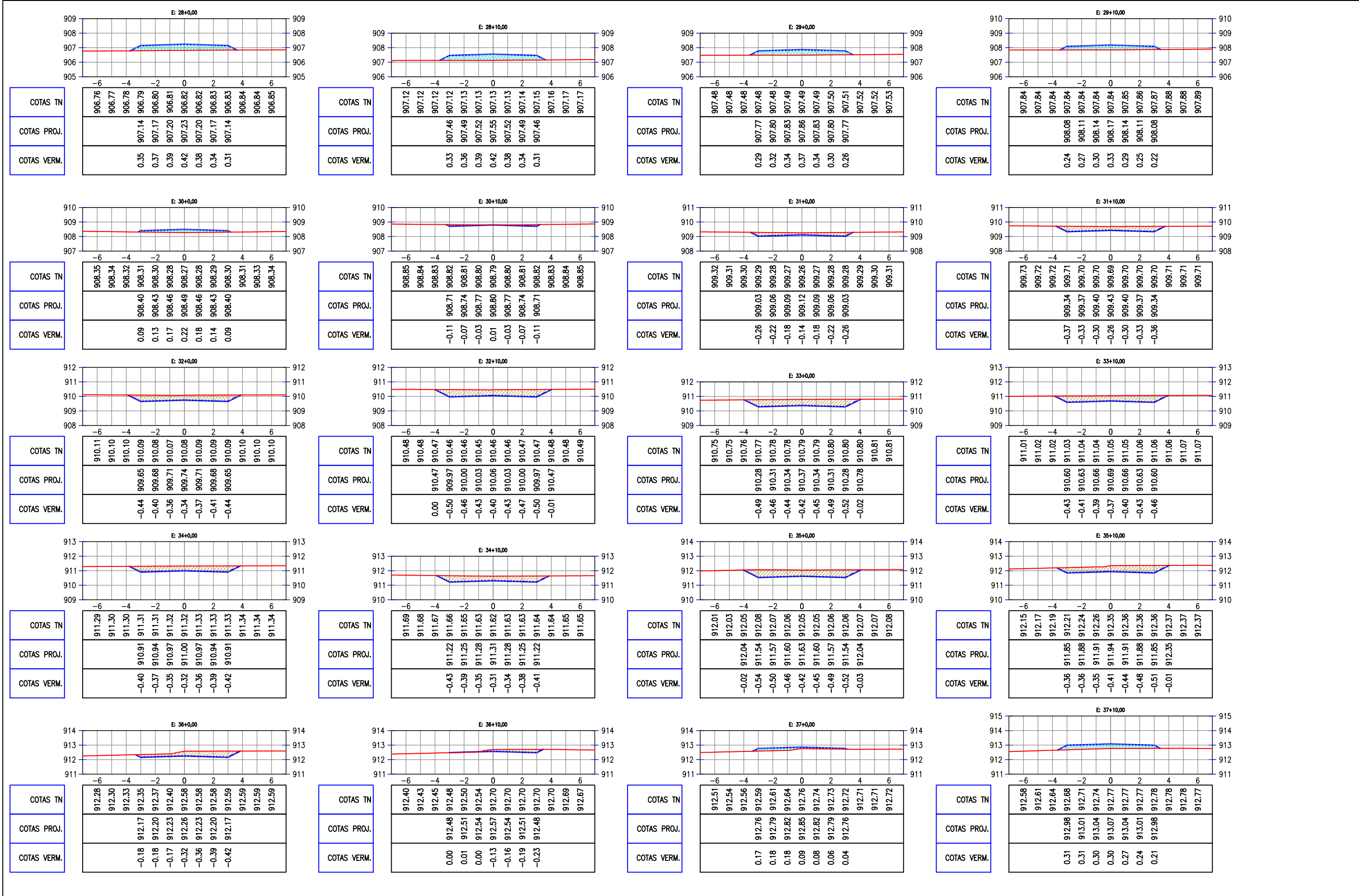


JOTA BARROS PROJETOS
 Arthur Moreira Torquato
 Engº Civil - CREA 53900D - CE




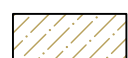
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
SEÇÕES TRANSVERSAIS
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:
2 / 15
 ESCALA:
 1/250



LEGENDA:

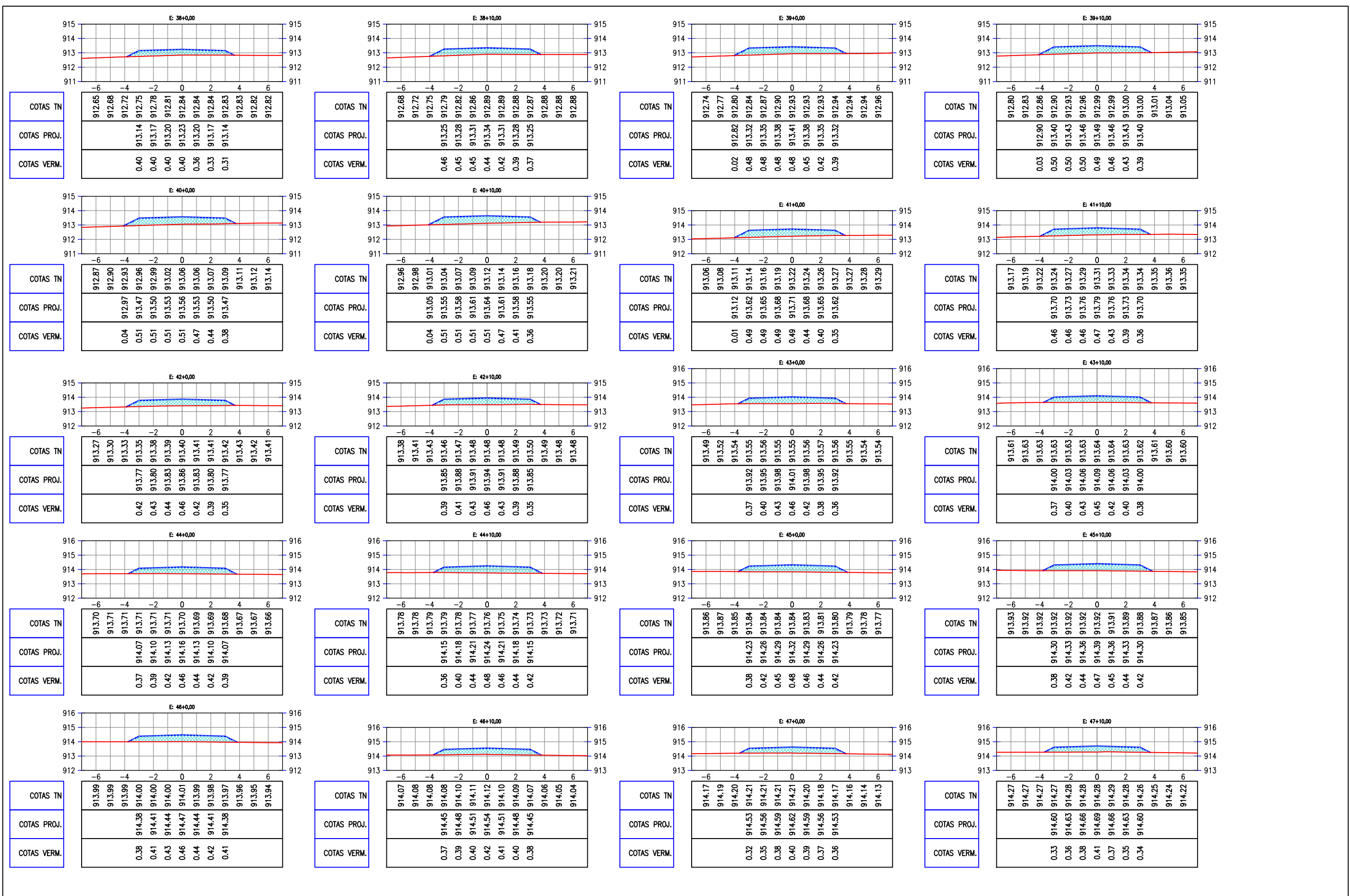
 ATERRO

 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: 3 / 15
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/250
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG	



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

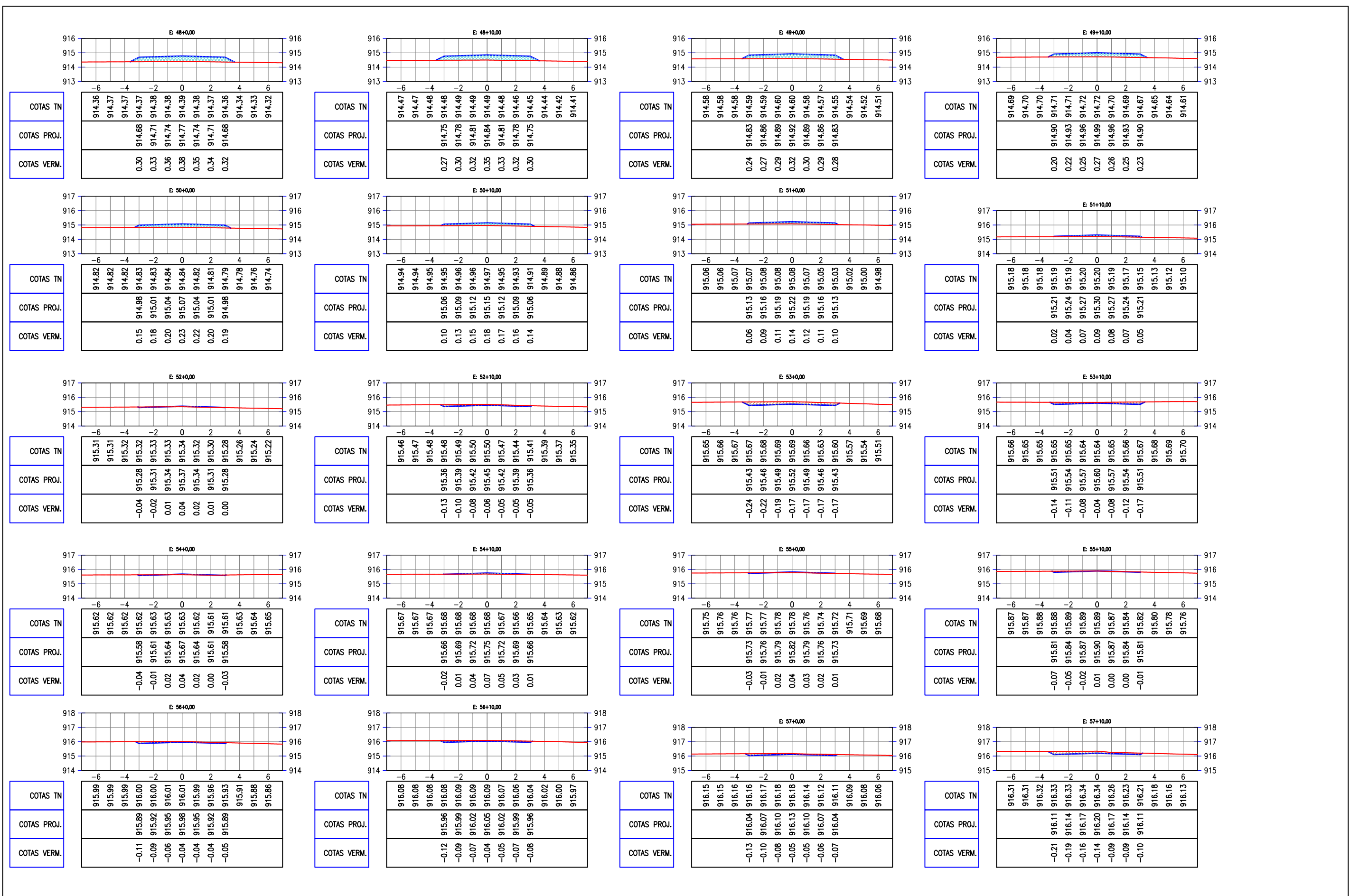
ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:

4 / 15

ESCALA:

1/250



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	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:	5 / 15
ESCALA:	1/250



LEGENDA:



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



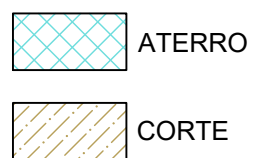
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
SEÇÕES TRANSVERSAIS

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:
6 / 15
ESCALA:
1/250



LEGENDA:

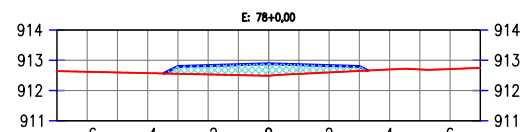


JOTA BARROS PROJETOS
 Arthur Moreira Torquato
 Engº Civil - CREA 53900D - CE

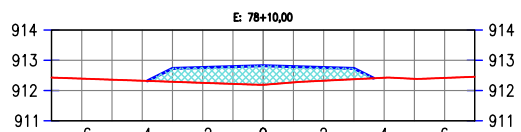


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
SEÇÕES TRANSVERSAIS
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

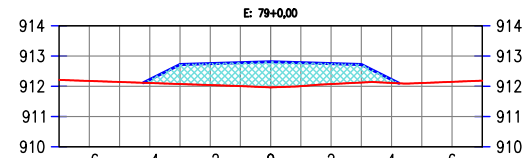
PRANCHA:
7 / 15
 ESCALA:
 1/250



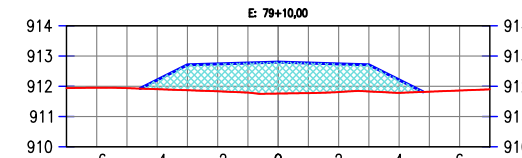
COTAS TN	912.82	912.80	912.57	912.55	912.55	912.51	912.49	912.55	912.65	912.69	912.70	912.71
COTAS PROJ.			912.79	912.82	912.85	912.85	912.88	912.85	912.79	912.65	912.70	912.71
COTAS VERM.			0.24	0.29	0.35	0.40	0.31	0.23	0.15			



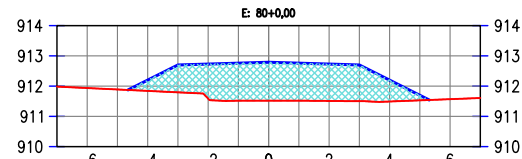
COTAS TN	912.39	912.36	912.32	912.29	912.25	912.22	912.19	912.27	912.32	912.37	912.42	912.38	912.41
COTAS PROJ.			912.73	912.76	912.79	912.79	912.82	912.79	912.73	912.42	912.37	912.38	912.41
COTAS VERM.			0.44	0.51	0.57	0.63	0.52	0.44	0.36				



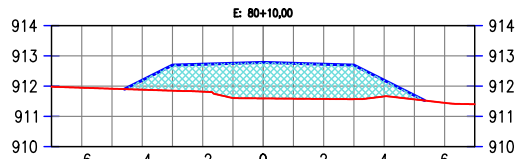
COTAS TN	912.17	912.14	912.11	912.07	912.04	912.00	911.96	912.00	912.07	912.12	912.11	912.15
COTAS PROJ.			912.22	912.72	912.75	912.78	912.81	912.78	912.75	912.72	912.22	912.15
COTAS VERM.			0.11	0.65	0.71	0.77	0.85	0.78	0.68	0.60	0.11	



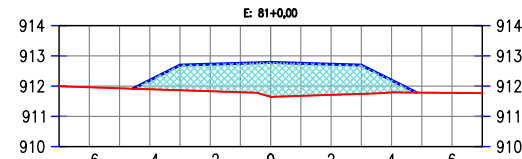
COTAS TN	911.95	911.94	911.90	911.87	911.83	911.79	911.76	911.77	911.81	911.83	911.78	911.82	911.86
COTAS PROJ.			912.21	912.71	912.74	912.77	912.80	912.77	912.74	912.71	912.21	911.82	911.86
COTAS VERM.			0.31	0.84	0.90	0.98	1.04	0.99	0.93	0.88	0.43		



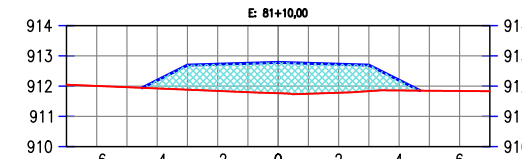
COTAS TN	911.94	911.89	911.84	911.80	911.59	911.52	911.52	911.52	911.51	911.50	911.49	911.53	911.57
COTAS PROJ.			912.20	912.70	912.73	912.76	912.79	912.76	912.73	912.70	912.20	911.70	911.57
COTAS VERM.			0.36	0.90	1.14	1.24	1.27	1.24	1.22	1.20	0.71	0.17	



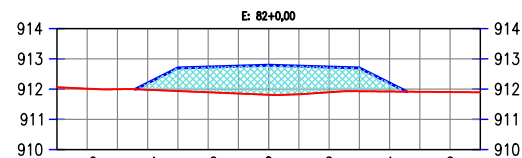
COTAS TN	911.95	911.92	911.88	911.85	911.82	911.80	911.59	911.59	911.58	911.57	911.66	911.56	911.45
COTAS PROJ.			912.19	912.69	912.72	912.75	912.78	912.75	912.72	912.69	911.66	911.56	911.45
COTAS VERM.			0.31	0.84	0.91	1.15	1.19	1.17	1.15	1.12	0.54	0.13	



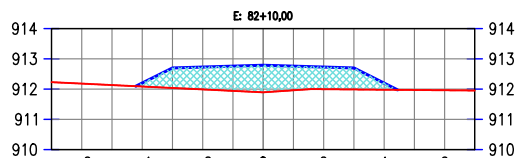
COTAS TN	911.96	911.93	911.90	911.86	911.83	911.80	911.65	911.68	911.71	911.74	911.79	911.78	
COTAS PROJ.			912.19	912.69	912.72	912.75	912.78	912.75	912.72	912.69	911.79	911.78	
COTAS VERM.			0.30	0.83	0.89	0.95	1.13	1.07	1.01	0.95	0.40		



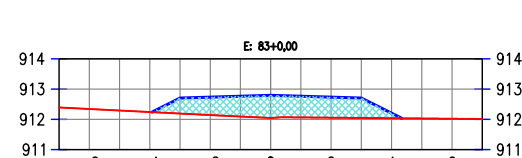
COTAS TN	912.01	911.97	911.92	911.88	911.84	911.80	911.77	911.75	911.78	911.83	911.86	911.85	911.84
COTAS PROJ.			912.19	912.69	912.72	912.75	912.78	912.75	912.72	912.69	911.86	911.85	911.84
COTAS VERM.			0.27	0.81	0.88	0.95	1.02	1.01	0.94	0.86	0.34		



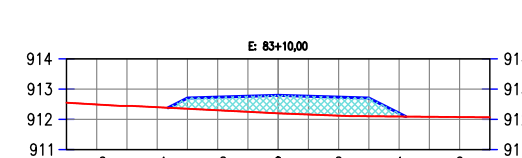
COTAS TN	912.01	911.99	911.98	911.93	911.89	911.85	911.81	911.83	911.89	911.92	911.91	911.90	
COTAS PROJ.			912.20	912.70	912.73	912.76	912.79	912.76	912.73	912.20	911.92	911.90	
COTAS VERM.			0.22	0.76	0.83	0.90	0.98	0.93	0.83	0.77	0.28		



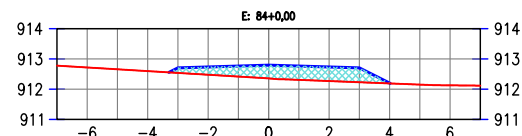
COTAS TN	912.18	912.13	912.08	912.04	911.99	911.94	911.89	911.96	912.00	911.99	911.98	911.97	911.96
COTAS PROJ.			912.20	912.70	912.73	912.76	912.79	912.76	912.73	912.20	911.98	911.97	911.96
COTAS VERM.			0.11	0.66	0.74	0.82	0.90	0.80	0.73	0.71	0.22		



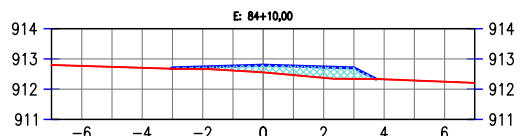
COTAS TN	912.34	912.29	912.24	912.19	912.14	912.09	912.04	912.06	912.05	912.04	912.03	912.02
COTAS PROJ.			912.70	912.73	912.76	912.79	912.76	912.73	912.05	912.04	912.03	912.02
COTAS VERM.			0.51	0.59	0.67	0.75	0.70	0.88	0.85	0.16		



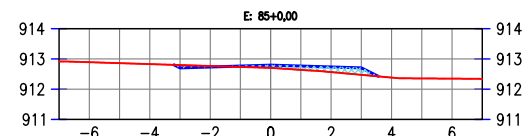
COTAS TN	912.49	912.44	912.40	912.35	912.30	912.25	912.20	912.16	912.12	912.10	912.09	912.08	912.07
COTAS PROJ.			912.70	912.73	912.76	912.79	912.76	912.73	912.12	912.10	912.09	912.08	912.07
COTAS VERM.			0.35	0.43	0.51	0.59	0.60	0.61	0.60	0.11			



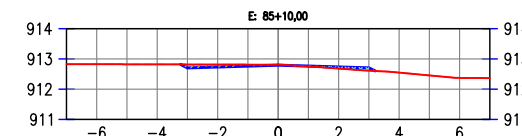
COTAS TN	912.72	912.66	912.60	912.54	912.48	912.42	912.36	912.31	912.27	912.23	912.19	912.15	912.13
COTAS PROJ.			912.70	912.73	912.76	912.79	912.76	912.73	912.27	912.23	912.19	912.15	912.13
COTAS VERM.			0.16	0.25	0.34	0.43	0.45	0.46	0.47	0.01			



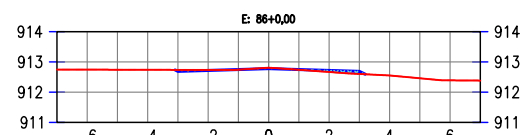
COTAS TN	912.77	912.74	912.71	912.68	912.67	912.62	912.56	912.47	912.38	912.34	912.33	912.29	912.25
COTAS PROJ.			912.70	912.73	912.76	912.79	912.76	912.47	912.38	912.34	912.33	912.29	912.25
COTAS VERM.			0.03	0.07	0.15	0.24	0.30	0.36	0.36	0.36			



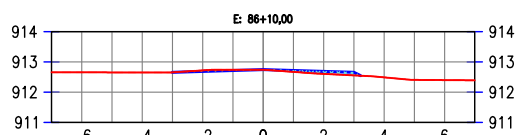
COTAS TN	912.89	912.86	912.83	912.80	912.77	912.74	912.71	912.64	912.57	912.48	912.38	912.36	912.35
COTAS PROJ.			912.71	912.74	912.77	912.74	912.71	912.64	912.57	912.48	912.38	912.36	912.35
COTAS VERM.			-0.09	-0.03	0.03	0.09	0.13	0.17	0.23				



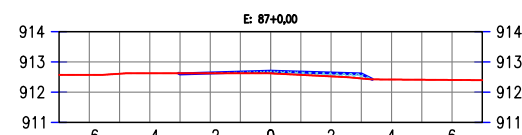
COTAS TN	912.83	912.82	912.82	912.82	912.81	912.80	912.75	912.68	912.61	912.55	912.46	912.37
COTAS PROJ.			912.71	912.74	912.77	912.80	912.77	912.68	912.61	912.55	912.46	912.37
COTAS VERM.			-0.11	-0.08	-0.05	-0.02	0.01	0.05	0.09			



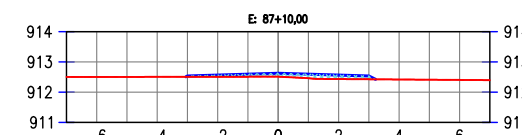
COTAS TN	912.74	912.74	912.74	912.73	912.74	912.81	912.74	912.67	912.60	912.55	912.46	912.39
COTAS PROJ.			912.70	912.73	912.76	912.79	912.76	912.67	912.60	912.55	912.46	912.39
COTAS VERM.			-0.05	-0.01	-0.03	0.01	0.05	0.09				



COTAS TN	912.65	912.65	912.65	912.72	912.74	912.74	912.67	912.60	912.55	912.49	912.41	912.40
COTAS PROJ.			912.65	912.68	912.71	912.74	912.74	912.67	912.60	912.55	912.41	912.40
COTAS VERM.			0.00	-0.03	-0.03	0.00	0.05	0.08	0.10			

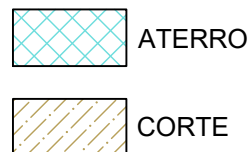


COTAS TN	912.57	912.61	912.62	912.62	912.62	912.62	912.57	912.52	912.45	912.42	912.41	912.40
COTAS PROJ.			912.60	912.63	912.62	912.62	912.62	912.57	912.52	912.45	912.41	912.40
COTAS VERM.			-0.02	0.01	0.04	0.07	0.09	0.11	0.15			



COTAS TN	912.50	912.50	912.51	912.51	912.51	912.51	912.46	912.43	912.43	912.42	912.41	912.40
COTAS PROJ.			912.53	912.56	912.59	912.62	912.59	912.46	912.43	912.43	912.42	912.40
COTAS VERM.			0.03	0.05	0.08	0.11	0.13	0.13	0.11			

LEGENDA:

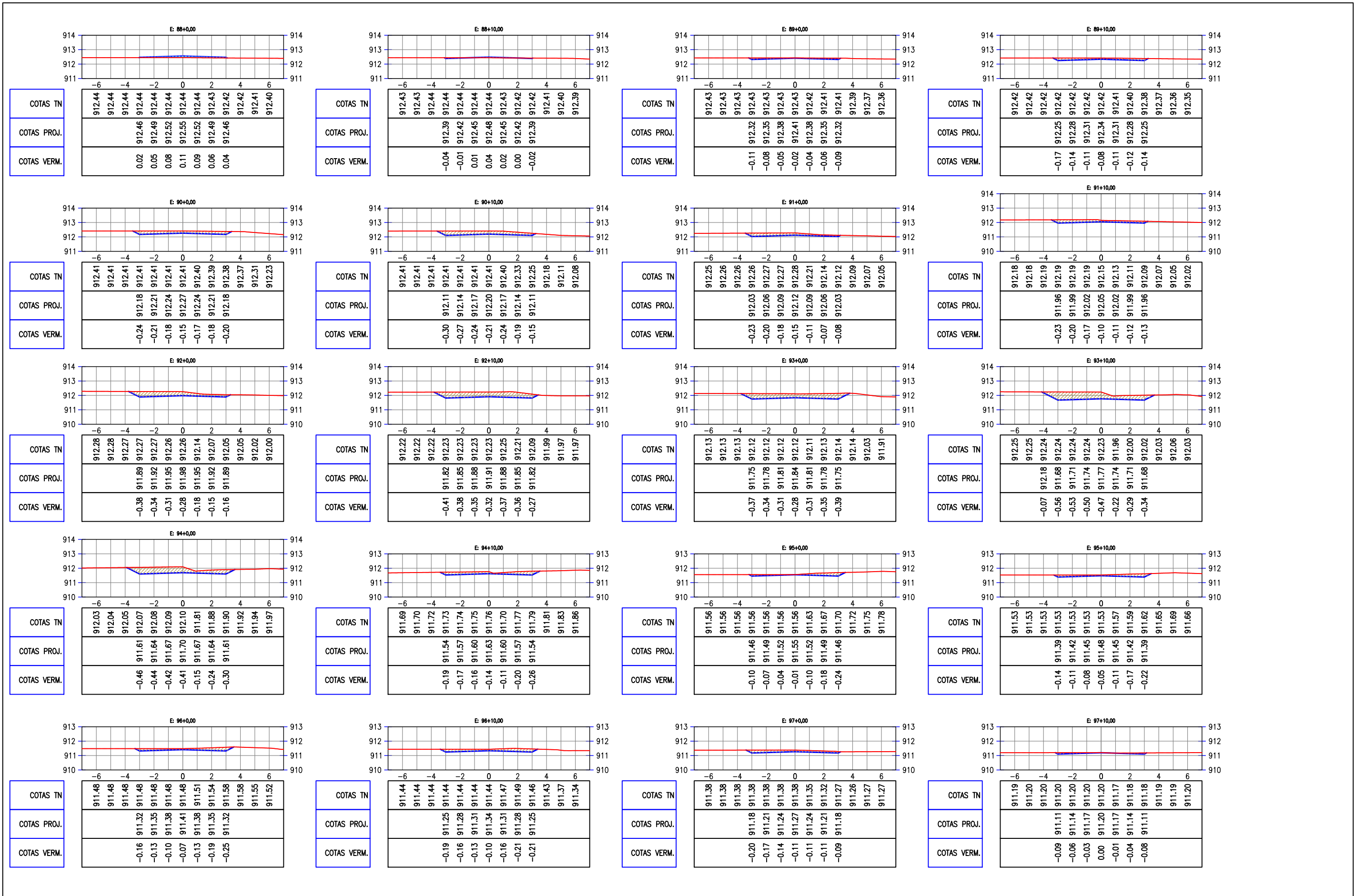


JOTA BARROS PROJETOS
Arthur Moreira Torquato
Engº Civil - CREA 53900D - CE



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:	8 / 15
ESCALA:	1/250



LEGENDA:

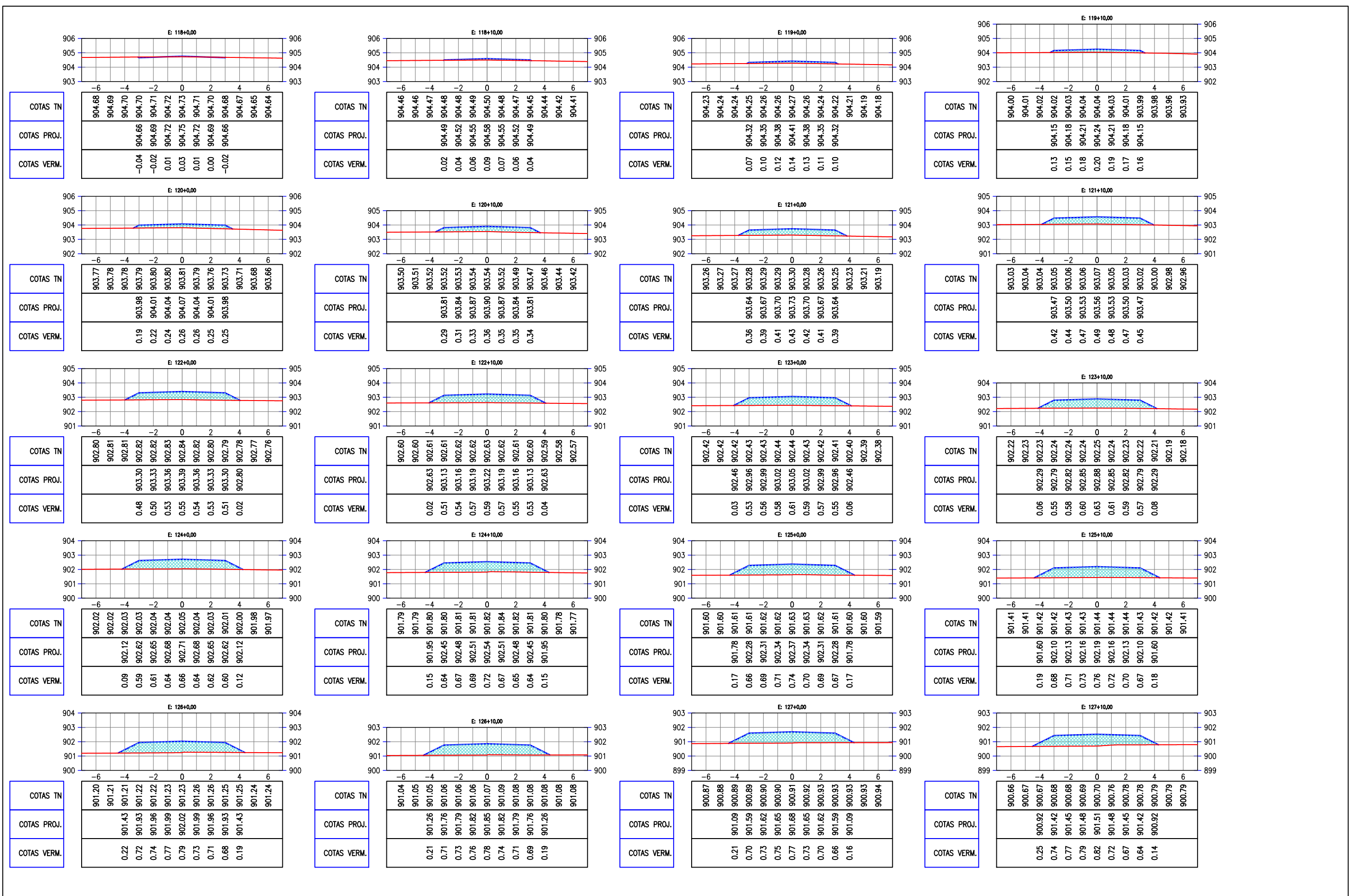
	ATERRO
	CORTE

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	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:	9 / 15
ESCALA:	1/250



LEGENDA:

- ATERRO
- CORTE

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

JOTA BARROS PROJETOS

PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE

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

SEÇÕES TRANSVERSAIS

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

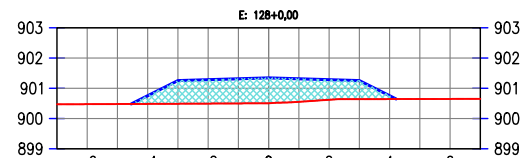
ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:

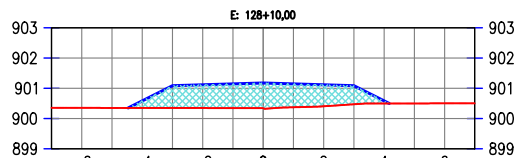
12 / 15

ESCALA:

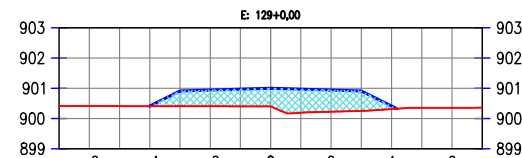
1/250



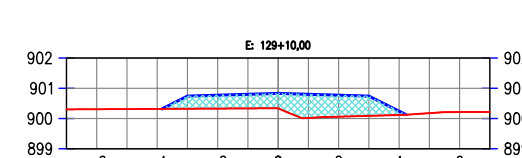
COTAS TN	900.47 900.48 900.48 900.49 900.50 900.50 900.55 900.62 900.64 900.64 900.65
COTAS PROJ.	0.27 0.76 0.79 0.81 0.84 0.76 0.66 0.61 0.11
COTAS VERM.	900.75 901.25 901.28 901.31 901.34 901.31 901.28 901.25 900.75



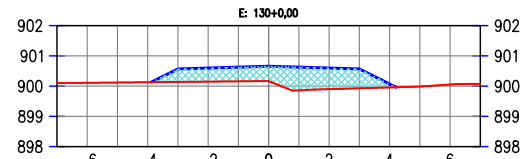
COTAS TN	900.35 900.35 900.35 900.34 900.34 900.34 900.37 900.40 900.47 900.49 900.50
COTAS PROJ.	0.23 0.73 0.77 0.80 0.83 0.77 0.71 0.61 0.09
COTAS VERM.	900.58 901.08 901.11 901.14 901.17 901.14 901.11 901.08 900.58



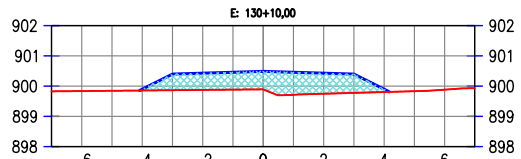
COTAS TN	900.41 900.41 900.41 900.41 900.40 900.40 900.40 900.40 900.41 900.35 900.35
COTAS PROJ.	0.00 0.50 0.54 0.57 0.60 0.78 0.72 0.66 0.10
COTAS VERM.	900.91 900.91 900.94 900.97 901.00 900.97 900.94 900.91 900.41



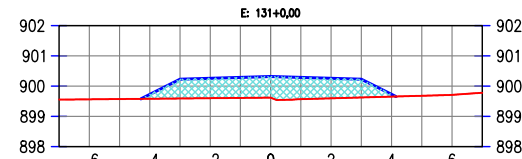
COTAS TN	900.31 900.31 900.32 900.33 900.33 900.34 900.01 900.06 900.11 900.18 900.21
COTAS PROJ.	0.42 0.44 0.47 0.49 0.79 0.71 0.65 0.12
COTAS VERM.	900.74 900.77 900.80 900.83 900.80 900.77 900.74 900.24



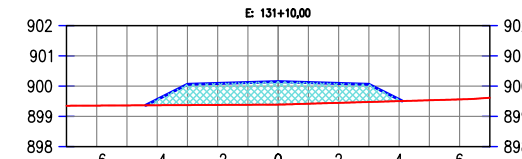
COTAS TN	900.11 900.12 900.13 900.14 900.15 900.16 900.17 900.17 900.17 900.17 900.17
COTAS PROJ.	0.43 0.45 0.47 0.49 0.77 0.70 0.64 0.11
COTAS VERM.	900.57 900.60 900.63 900.66 900.63 900.60 900.57 900.07



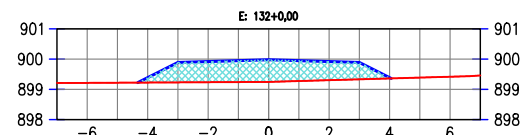
COTAS TN	899.84 899.85 899.86 899.87 899.87 899.88 899.89 899.91 899.91 899.91 899.88
COTAS PROJ.	0.04 0.53 0.55 0.57 0.59 0.74 0.68 0.62 0.09
COTAS VERM.	899.90 900.40 900.43 900.46 900.49 900.46 900.43 900.40 899.90



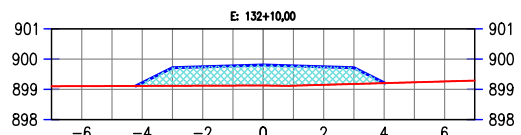
COTAS TN	899.56 899.57 899.58 899.59 899.60 899.61 899.62 899.62 899.60 899.66 899.71
COTAS PROJ.	0.15 0.64 0.66 0.68 0.70 0.72 0.66 0.60 0.07
COTAS VERM.	899.73 900.23 900.26 900.29 900.32 900.29 900.26 900.23 899.73



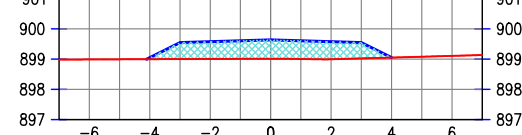
COTAS TN	899.36 899.36 899.37 899.38 899.38 899.39 899.42 899.45 899.48 899.53 899.56
COTAS PROJ.	0.19 0.68 0.71 0.73 0.76 0.70 0.64 0.58 0.05
COTAS VERM.	899.56 900.06 900.09 900.12 900.15 900.12 900.09 900.06 899.56



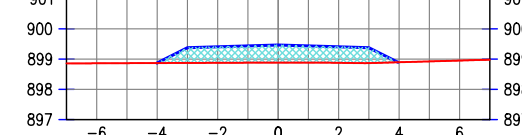
COTAS TN	899.21 899.22 899.22 899.23 899.23 899.24 899.24 899.27 899.30 899.33 899.36 899.39 899.42
COTAS PROJ.	0.16 0.66 0.68 0.71 0.73 0.67 0.61 0.56 0.03
COTAS VERM.	899.39 899.89 899.92 899.95 899.98 899.95 899.92 899.89 899.39



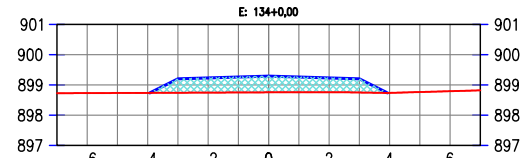
COTAS TN	899.10 899.11 899.12 899.12 899.12 899.13 899.13 899.12 899.12 899.15 899.18 899.20 899.23 899.26
COTAS PROJ.	0.10 0.60 0.63 0.65 0.68 0.66 0.60 0.54 0.01
COTAS VERM.	899.22 899.72 899.75 899.78 899.81 899.78 899.75 899.72 899.22



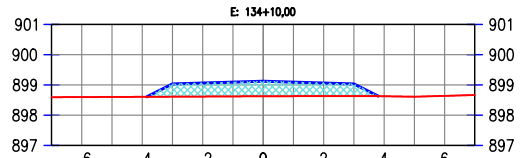
COTAS TN	898.99 898.99 898.99 899.00 899.00 899.01 899.01 899.00 899.00 899.02 899.05 899.08 899.11
COTAS PROJ.	0.05 0.55 0.57 0.60 0.62 0.60 0.58 0.52
COTAS VERM.	899.04 899.54 899.57 899.60 899.63 899.60 899.57 899.54 899.04



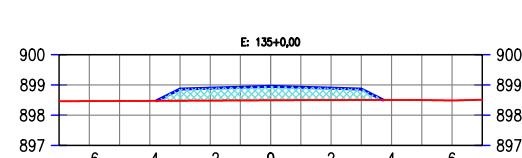
COTAS TN	898.86 898.86 898.87 898.87 898.88 898.88 898.88 898.88 898.88 898.87 898.89 898.92 898.95
COTAS PROJ.	0.01 0.50 0.53 0.55 0.58 0.55 0.53 0.51
COTAS VERM.	898.87 899.37 899.40 899.43 899.46 899.43 899.37 899.37



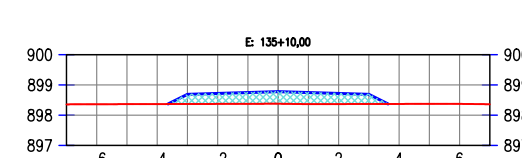
COTAS TN	898.73 898.74 898.74 898.75 898.75 898.76 898.76 898.76 898.75 898.74 898.77 898.79
COTAS PROJ.	0.46 0.49 0.51 0.54 0.51 0.48 0.45
COTAS VERM.	899.20 899.23 899.26 899.29 899.26 899.23 899.20



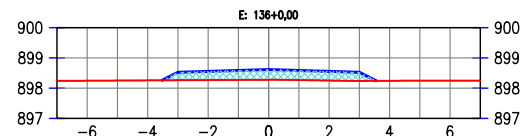
COTAS TN	898.60 898.60 898.61 898.62 898.62 898.63 898.63 898.63 898.63 898.63 898.61 898.64
COTAS PROJ.	0.42 0.45 0.47 0.50 0.46 0.43 0.40
COTAS VERM.	899.03 899.06 899.09 899.12 899.09 899.06 899.03



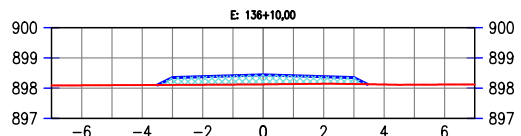
COTAS TN	898.47 898.47 898.48 898.48 898.49 898.49 898.50 898.50 898.50 898.50 898.49
COTAS PROJ.	0.38 0.41 0.43 0.46 0.42 0.39 0.36
COTAS VERM.	898.86 898.89 898.92 898.95 898.89 898.86 898.86



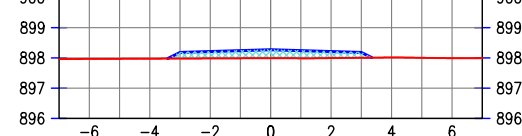
COTAS TN	898.36 898.37 898.37 898.37 898.38 898.38 898.37 898.37 898.38 898.38 898.38
COTAS PROJ.	0.32 0.35 0.37 0.40 0.39 0.35 0.32
COTAS VERM.	898.69 898.72 898.75 898.78 898.75 898.72 898.69



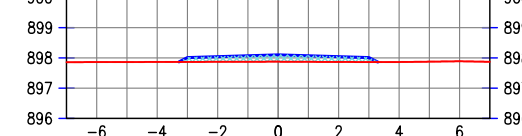
COTAS TN	898.25 898.25 898.26 898.26 898.27 898.28 898.27 898.25 898.24 898.24 898.25 898.25
COTAS PROJ.	0.26 0.28 0.31 0.33 0.31 0.30 0.28
COTAS VERM.	898.52 898.55 898.58 898.61 898.58 898.55 898.52



COTAS TN	898.09 898.10 898.10 898.11 898.12 898.12 898.13 898.15 898.14 898.12 898.11 898.12
COTAS PROJ.	0.24 0.27 0.29 0.32 0.28 0.23 0.22
COTAS VERM.	898.35 898.38 898.41 898.44 898.41 898.38 898.35



COTAS TN	897.97 897.97 897.98 897.98 897.99 897.99 897.99 898.00 898.00 897.99
COTAS PROJ.	0.20 0.23 0.25 0.28 0.25 0.22 0.18
COTAS VERM.	898.18 898.21 898.24 898.27 898.24 898.21 898.18



COTAS TN	897.86 897.86 897.87 897.87 897.87 897.88 897.87 897.86 897.86 897.88 897.89
COTAS PROJ.	0.14 0.17 0.20 0.22 0.20 0.17 0.15
COTAS VERM.	898.04 898.07 898.10 898.13 898.10 898.04 898.01

LEGENDA:

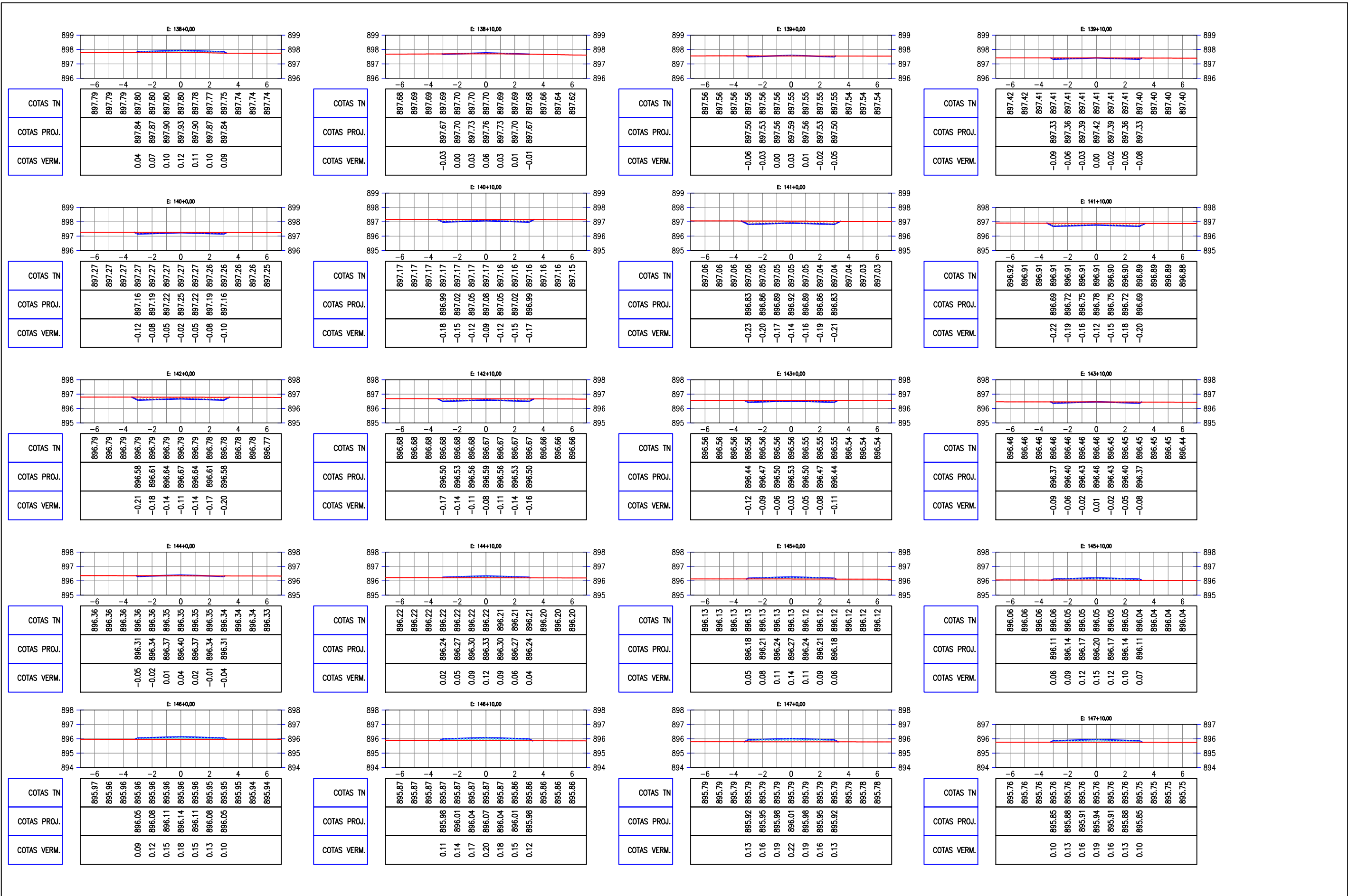


JOTA BARROS PROJETOS
Arthur Moreira Torquato
Engº Civil - CREA 53900D - CE



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG

PRANCHA:	13 / 15
ESCALA:	1/250



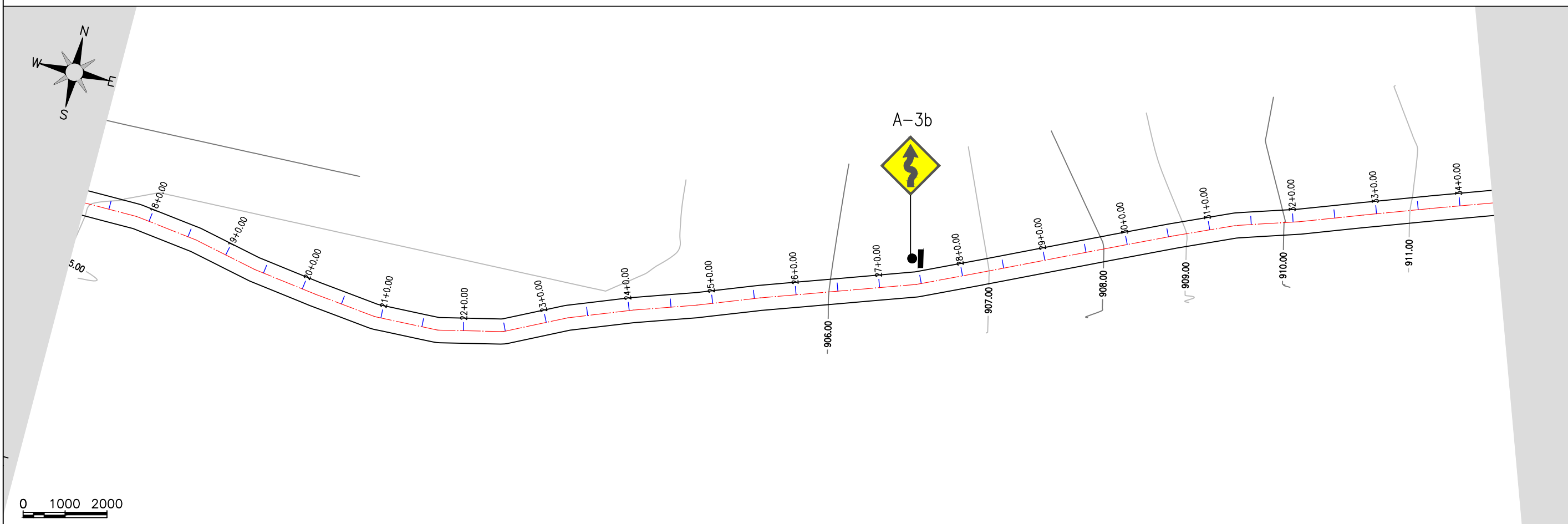
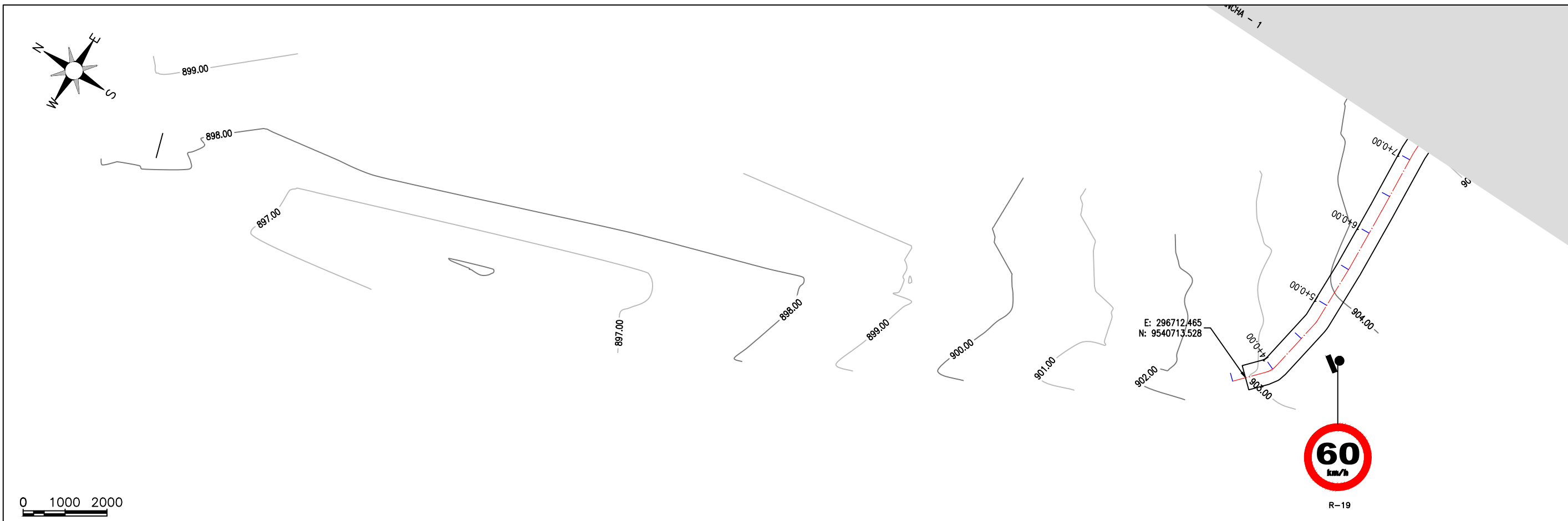
LEGENDA:

- ATERRO
- CORTE

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



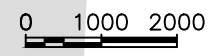
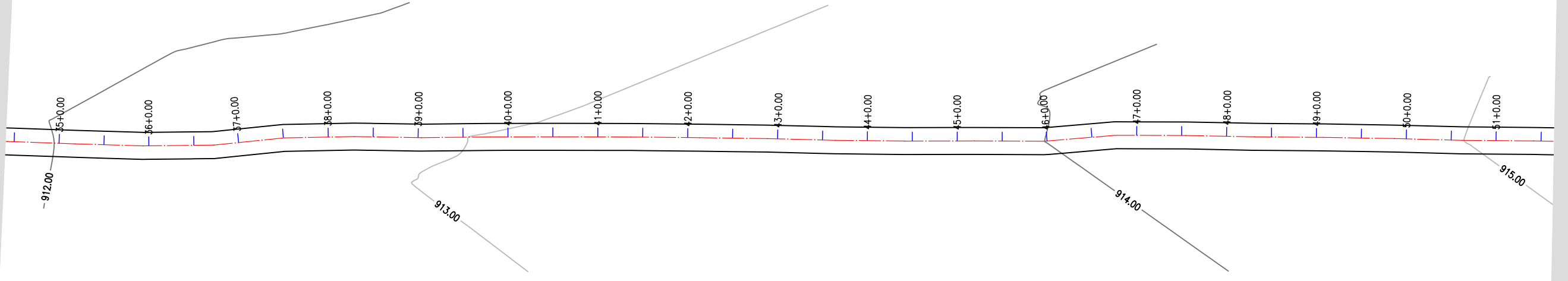
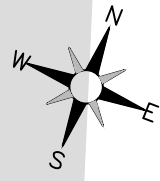
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		PRANCHA:
SEÇÕES TRANSVERSAIS		14 / 15
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA:
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SEÇÕES.DWG	1/250



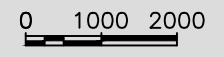
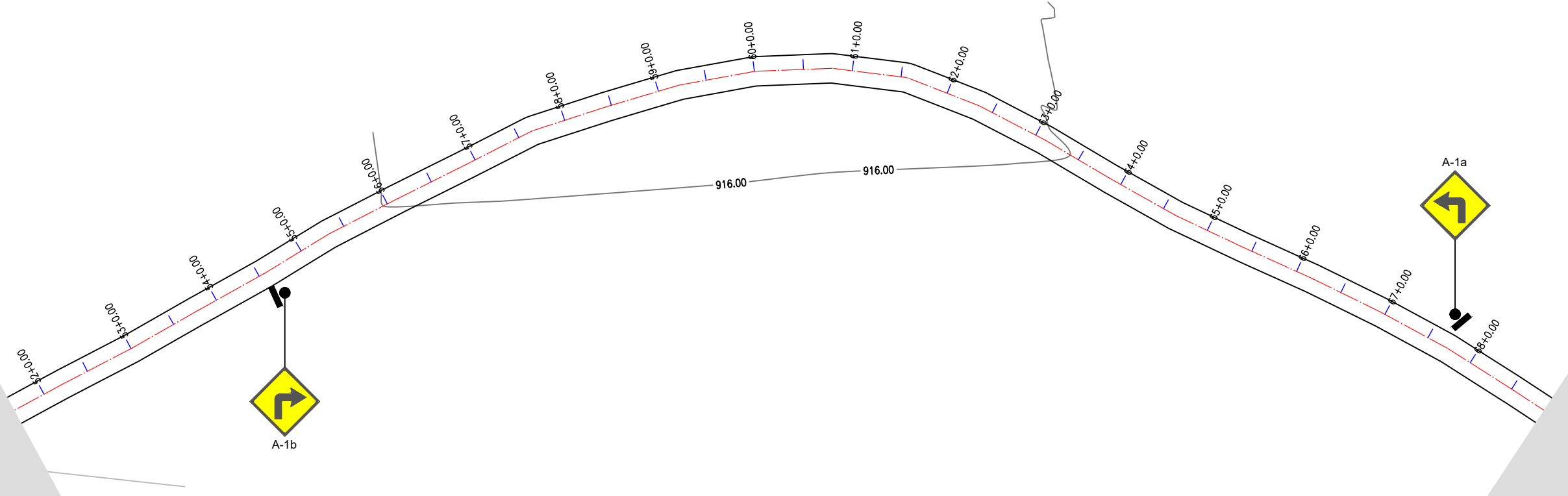
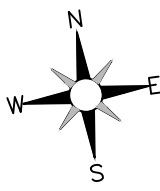

 JOTA BARROS PROJETOS
 Arthur Moreira Torquato
 Engº Civil - CREA 53900D - CE



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		PRANCHA: 1 / 06
SINALIZAÇÃO VIÁRIA		ESCALA: 1/1000
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SIN_R1.DWG	



PRANCHA



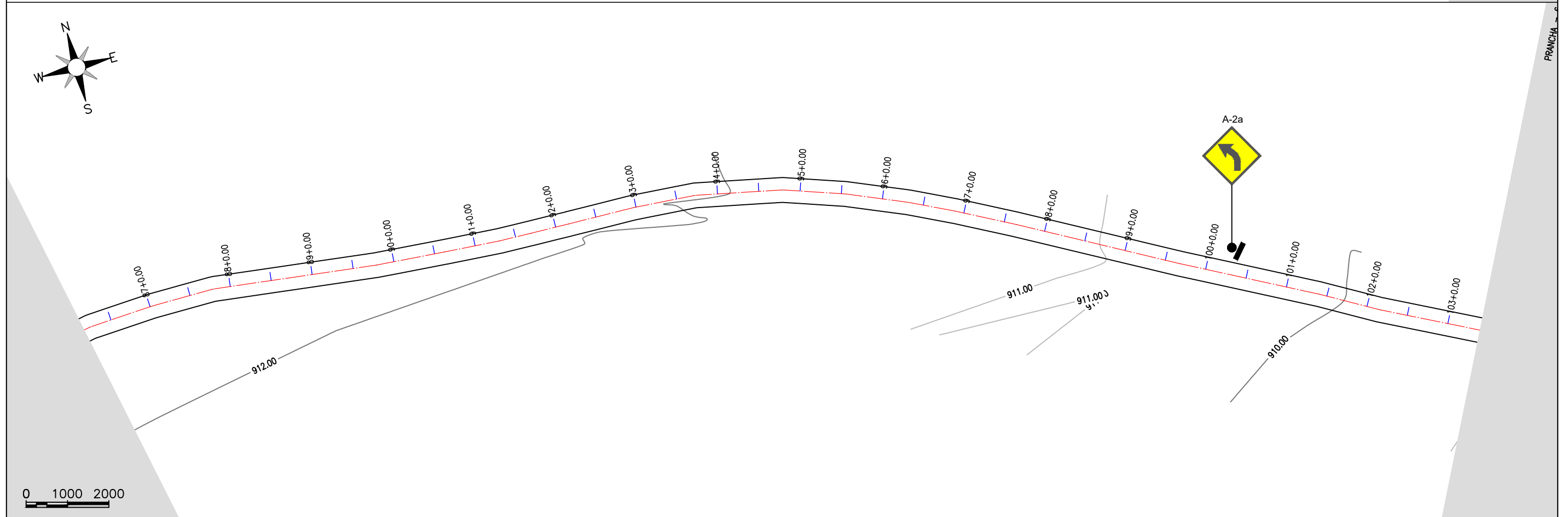
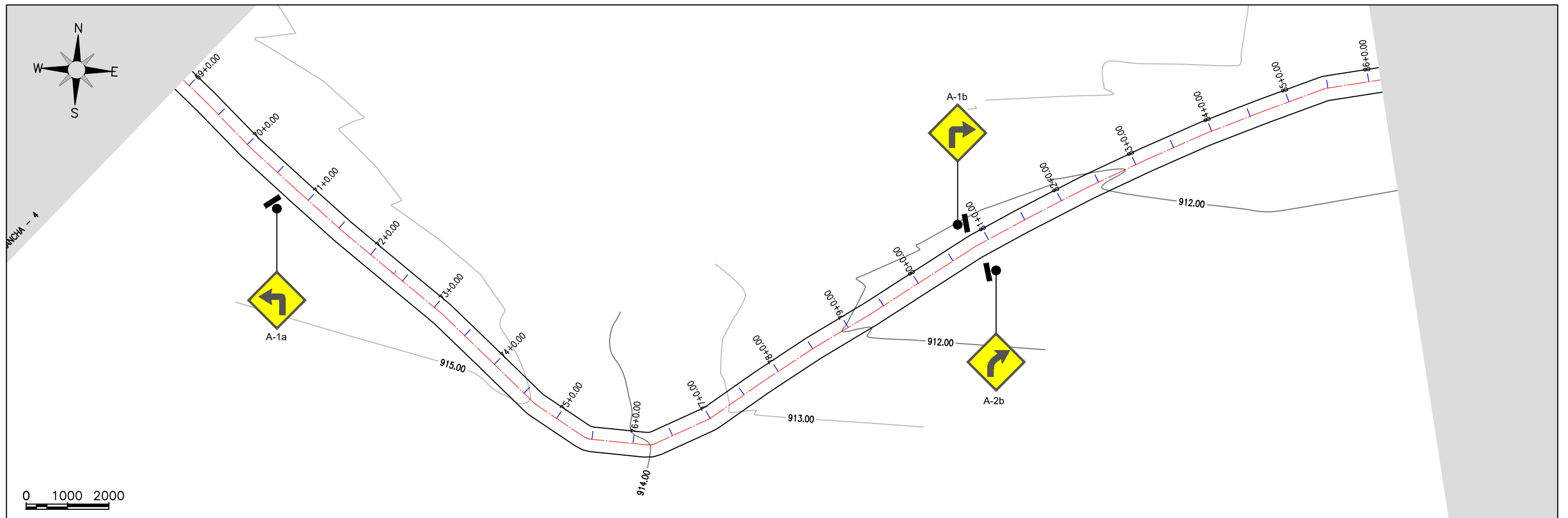
PRANCHA

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



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SINALIZAÇÃO VIÁRIA	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SIN_R1.DWG

PRANCHA:	2 / 06
ESCALA:	1/1000




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

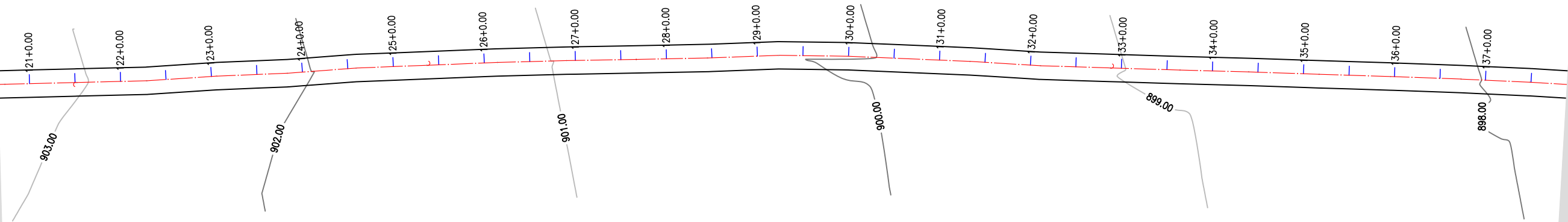
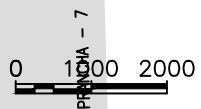
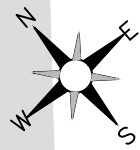
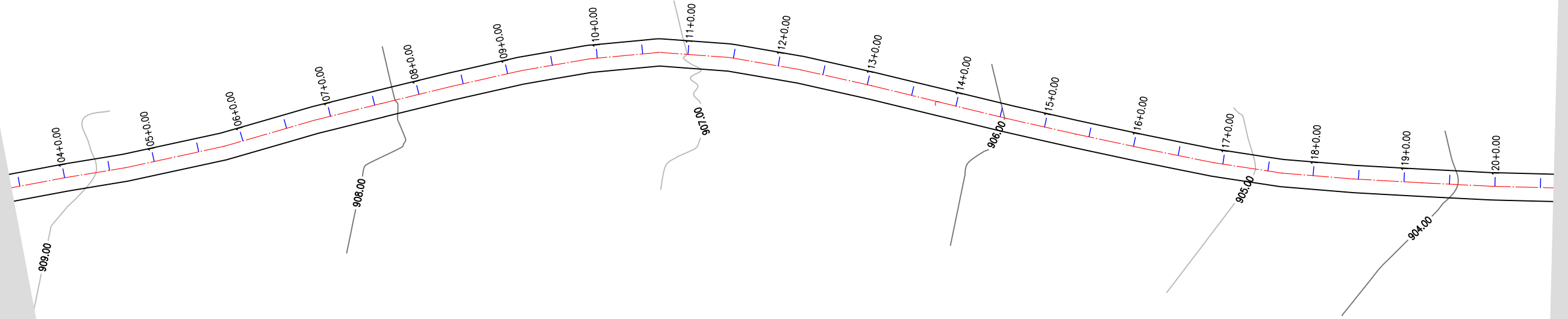
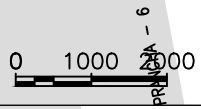
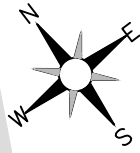


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA
 DO NORTE-CE - PT 1086270-03

SINALIZAÇÃO VIÁRIA
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SIN_R1.DWG

PRANCHA:
3 / 06

ESCALA:
 1/1000



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

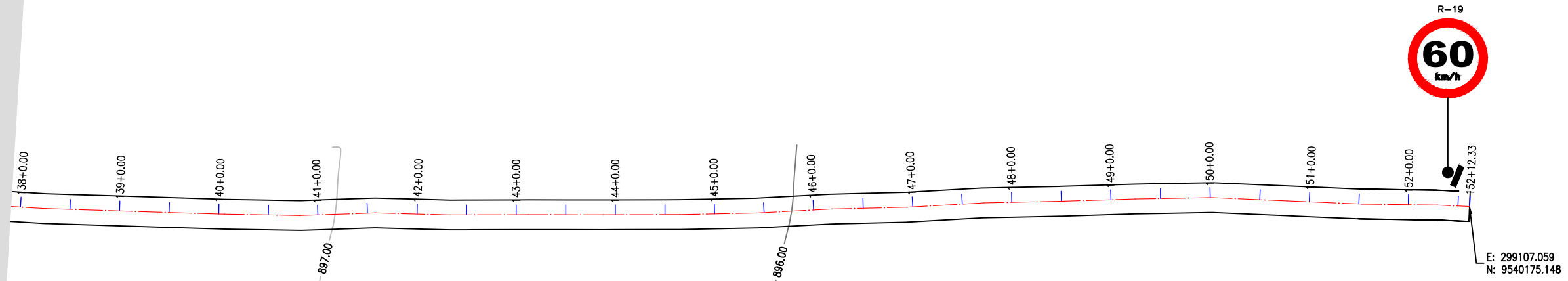


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SINALIZAÇÃO VIÁRIA	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SIN_R1.DWG



0 1000 2000

PRANCHA - 8

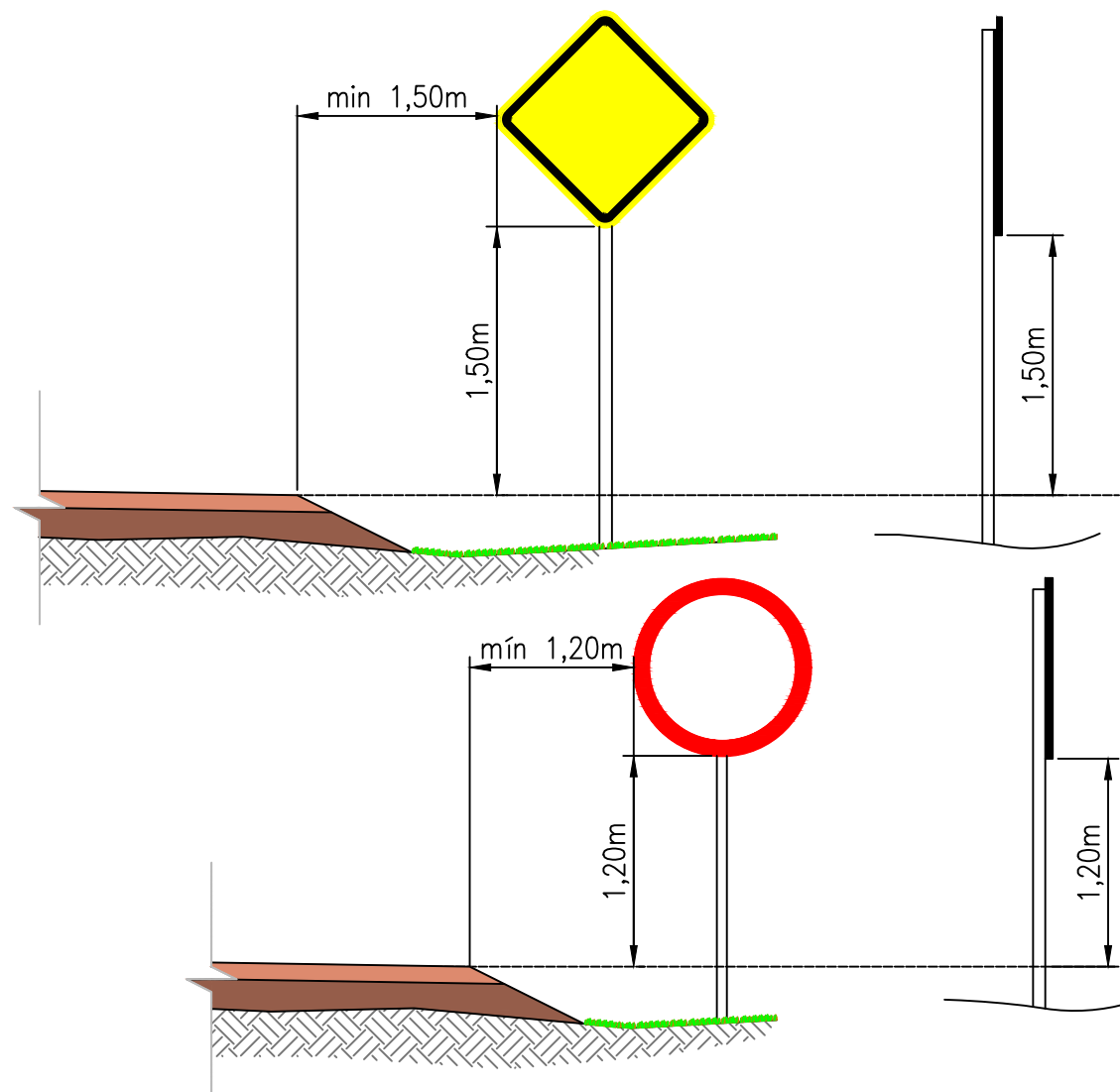



JOTA BARROS PROJETOS
Arthur Moreira Torquato
Engº Civil - CREA 53900D - CE



PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: 5 / 06
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
SINALIZAÇÃO VIÁRIA		ESCALA: 1/1000
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	
ARQUIVO:	20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SIN_R1.DWG	

Posicionamento transversal



PLACAS DE ADVERTÊNCIA

PLACAS	CÓDIGO	DIMENSÕES (m)	QUANTIDADE (un)
	A - 1a	0,80x0,80	02
	A - 1b	0,80x0,80	02
	A - 2a	0,80x0,80	01
	A - 2b	0,80x0,80	01
	A - 3b	0,80x0,80	01

PLACAS DE ADVERTÊNCIA

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

NOTA 1:

As Placas Regulamentares tem as seguintes características:

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

NOTA 2:

As Placas de Advertência tem as seguintes características:

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

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

SINALIZAÇÃO VIÁRIA
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 20- SÍTIO SUSSUANHA - SÍTIO CURRALINHOS - SIN_R1.DWG

PRANCHA:
6 / 06
 ESCALA:
SEM ESC