
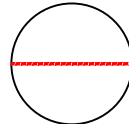
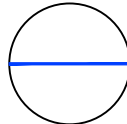
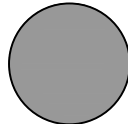
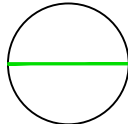
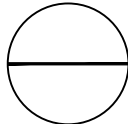
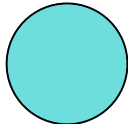

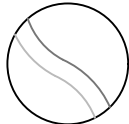


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813,793	814,596	815,326	816,128	816,807	817,579	818,147	818,652	819,424	820,023	820,449	821,015	821,706	822,582	822,986	823,677	4,228	4,877
813,793	814,529	815,265	816,001	816,738	817,474	818,210	818,946	819,682	820,418	821,154	821,890	822,626	823,362	824,098	824,834		5,148
0,000	-0,086	-0,060	-0,127	-0,070	-0,105	0,062	0,294	0,258	0,385	0,704	0,675	0,920	0,800	1,132	1,158		

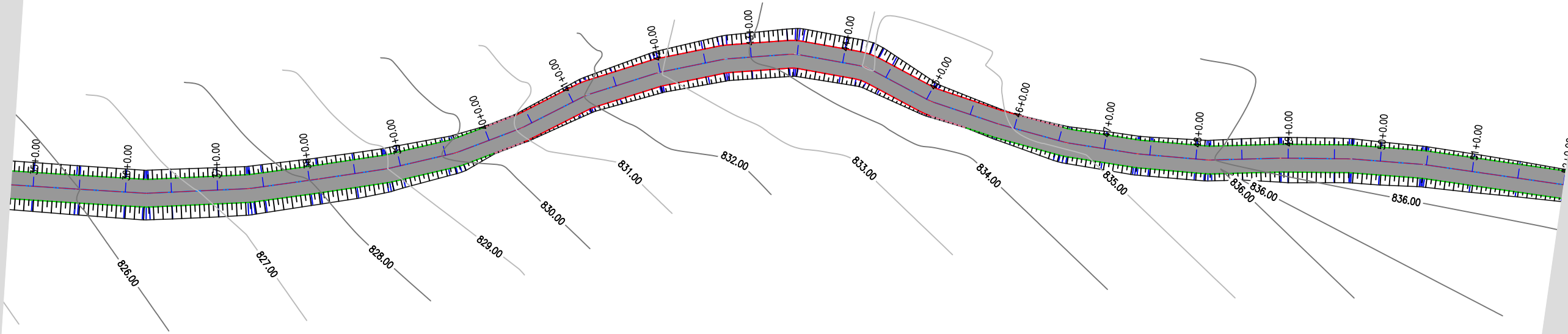
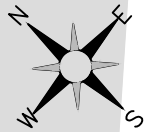

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

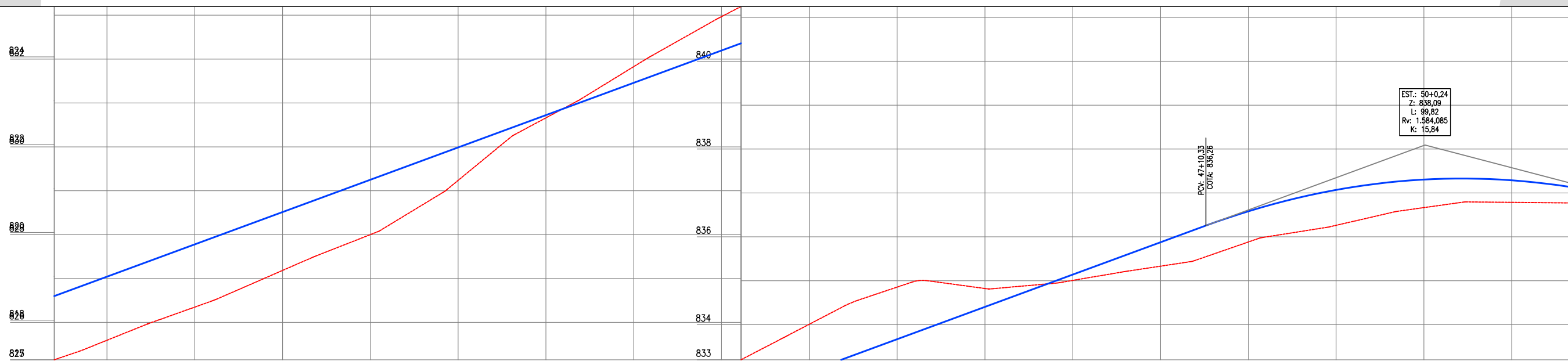


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - GEO_R2.DWG

PRANCHA:	1 / 07
ESCALA:	H 1/1000 V 1/100



0 1000 2000



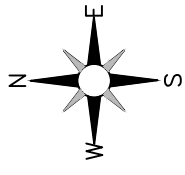
Estaca	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51
Cota do terreno	825,148	825,593	826,348	827,184	828,001	829,236	830,661	831,828	832,967	834,008	834,854	834,822	835,007	835,331	835,582	836,262	5,666	5,785	5,772
Cota da terraplenagem	826,801	827,042	827,779	828,515	829,251	829,987	830,723	831,459	832,195	832,931	833,667	834,403	835,139	835,875	836,582	837,070			
Cota vermella	1,452	1,450	1,430	1,331	1,250	0,751	0,062	-0,369	-0,772	-1,077	-1,187	-0,419	0,132	0,544	0,700	0,808			

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 Engº Civil - CREA 53900D - CE

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

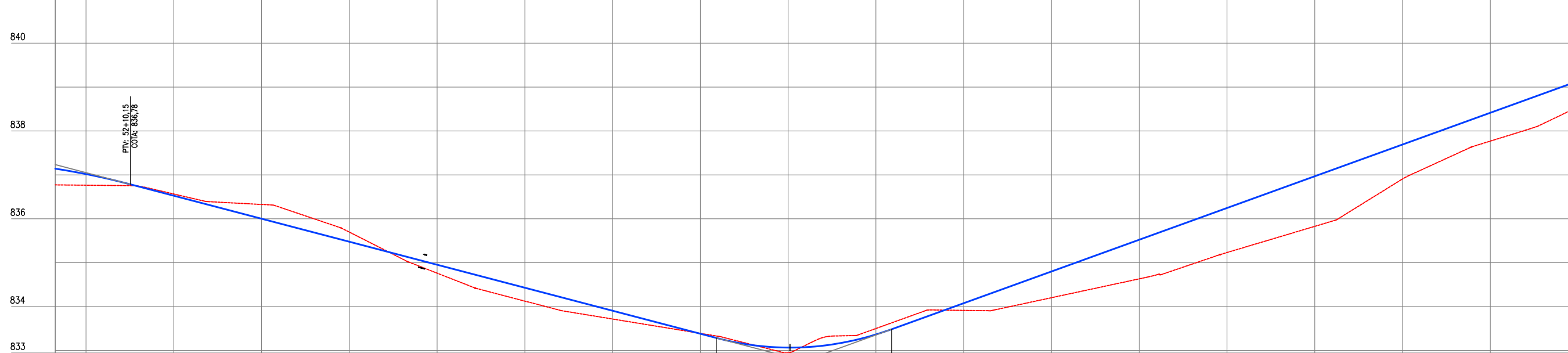


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 ESTAQUEAMENTO E PERFIL LONGITUDINAL		PRANCHA: 2 / 07
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: H 1/1000 V 1/100
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - GEO_R2.DWG	



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PRANCHA



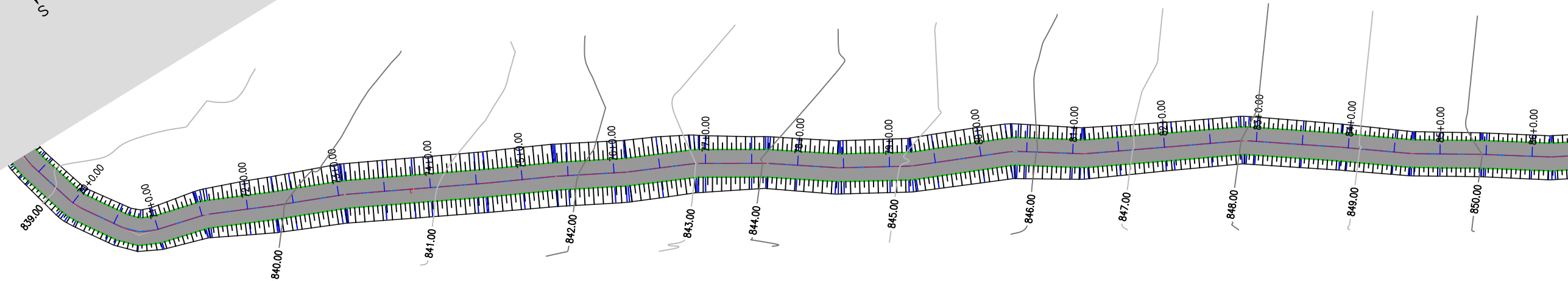
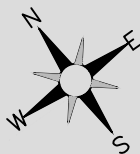
Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
51	836,772	837,141	0,369
52	836,765	837,018	0,253
53	836,564	836,526	-0,038
54	836,326	836,002	-0,325
55	835,697	835,477	-0,219
56	834,762	834,953	0,192
57	834,125	834,429	0,304
58	833,717	833,905	0,188
59	833,390	833,380	-0,010
60	832,949	832,949	0,117
61	833,500	833,364	-0,136
62	833,914	834,077	0,163
63	834,202	834,800	0,598
64	834,632	835,523	0,891
65	835,231	836,245	1,014
66	835,627	836,968	1,141
67	836,907		
68	837,769		
69	838,452		

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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: 3 / 07
PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - GEO_R2.DWG	ESCALA: H 1/1000 V 1/100	



0 1000 2000



Estaca	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	86
Cota do terreno	839,452	839,546	839,094	839,721	839,900	840,293	840,945	841,607	842,273	843,146	844,252	844,915	845,541	846,391	847,317	848,128	848,895	849,778	850,352	850,449
Cota da terraplenagem	839,064	839,136	839,859	840,582	841,305	842,028	842,750	843,473	844,196	844,919	845,641	846,364	847,087	847,810	848,533	849,255	849,978	850,701	851,424	852,147
Cota vermelha	0,612	0,569	0,765	0,861	1,405	1,735	1,806	1,866	1,923	1,773	1,390	1,450	1,546	1,419	1,216	1,128	1,083			

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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL

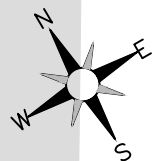


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL

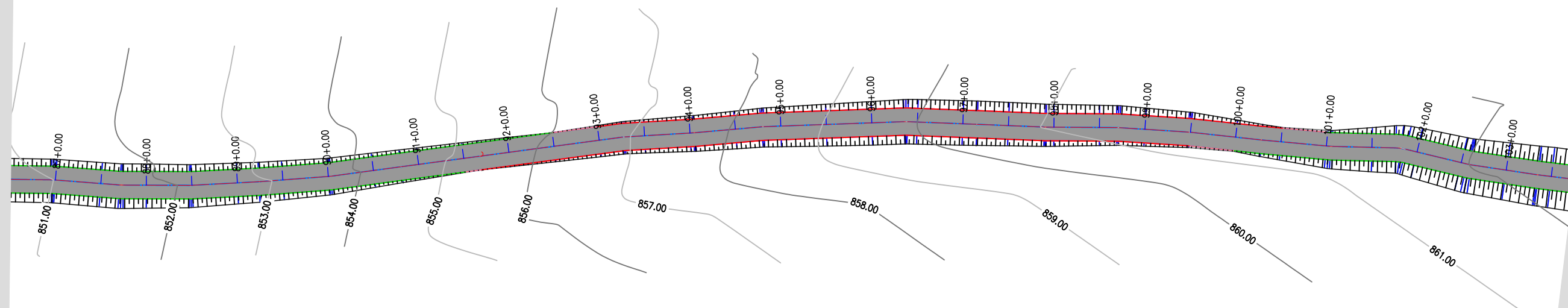
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - GEO_R2.DWG

PRANCHA:
4 / 07

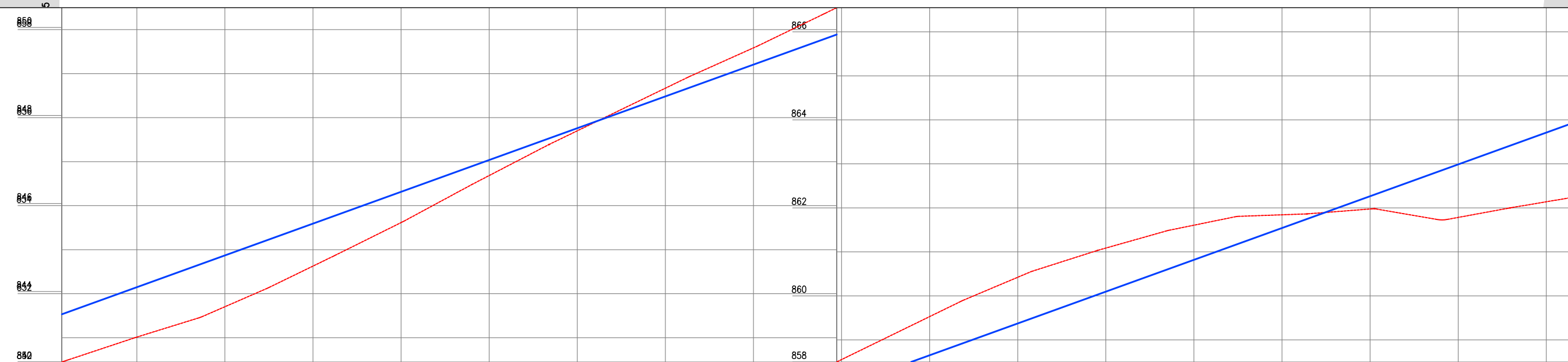
ESCALA:
 H 1/1000
 V 1/100



PRANCHA



0 1000 2000



Estaca	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	103
Cota do terreno	850,449	851,013	851,704	852,627	853,615	854,685	855,701	856,669	857,586	858,553	859,529	860,423	861,087	861,606	861,843	861,974	1,783	2,139	2,299
Cota da terraplenagem	851,532	852,146	852,869	853,592	854,315	855,038	855,760	856,483	857,206	857,929	858,651	859,374	860,097	860,820	861,543	862,265			
Cota da vermelha	1,083	1,133	1,186	0,965	0,699	0,353	0,060	-0,186	-0,380	-0,624	-0,878	-1,049	-0,990	-0,787	-0,300	0,291			

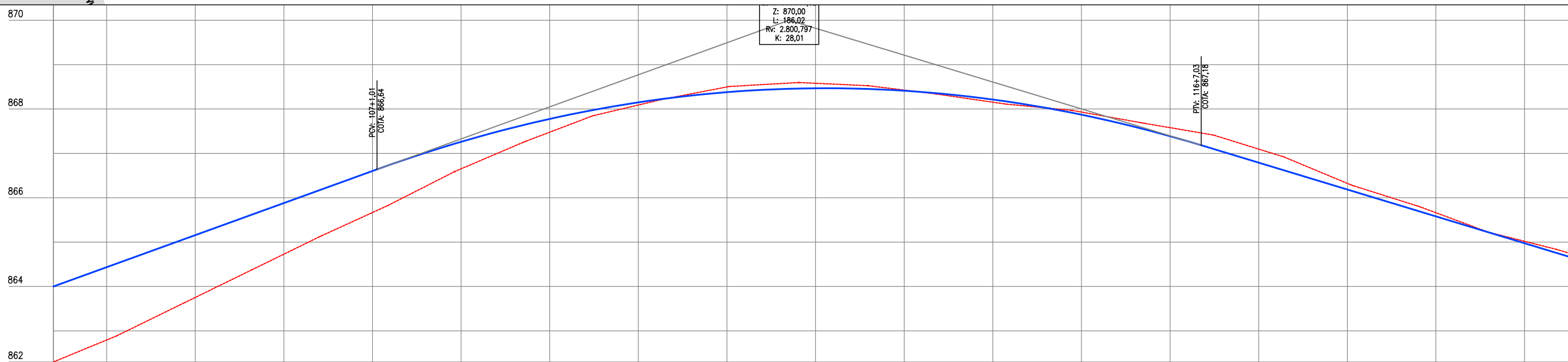
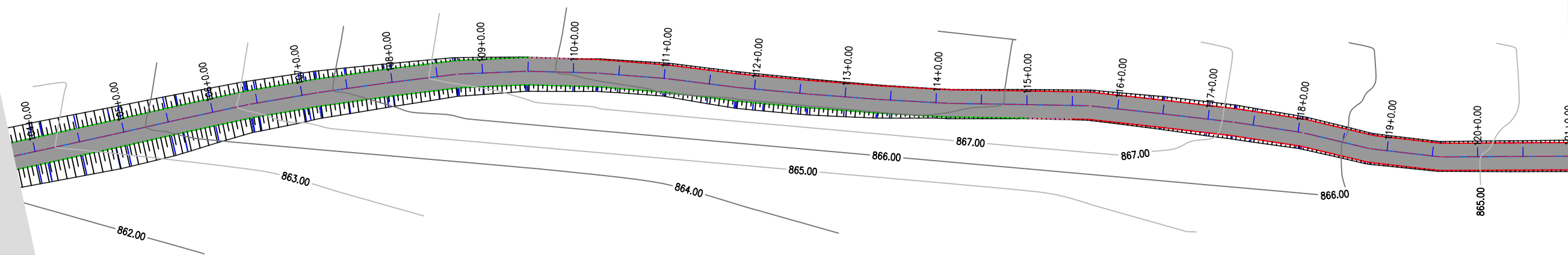
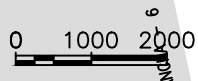
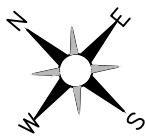
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TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



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: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - GEO_R2.DWG

PRANCHA:
5 / 07
 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	862,289	862,793	863,752	864,728	865,686	866,652	867,478	868,090	868,497	868,580	868,427	868,153	867,931	867,579	867,096	866,324	5,662	5,018	4,666
Cota da terraplenagem	864,000	864,434	865,157	865,879	866,602	867,260	867,776	868,149	868,379	868,467	868,411	868,213	867,872	867,388	866,791	866,186			
Cota vermelha	1,701	1,641	1,404	1,151	0,936	0,609	0,299	0,060	-0,118	-0,113	-0,015	0,060	-0,059	-0,191	-0,305	-0,138			

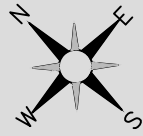
JOTA BARROS PROJETOS
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 Engº Civil - CREA 53900D - CE

TERRENO NATURAL	PROJETADO	ESTRADA	BORDO	TALUDE	ATERRO	CORTE	CURVAS DE NÍVEL



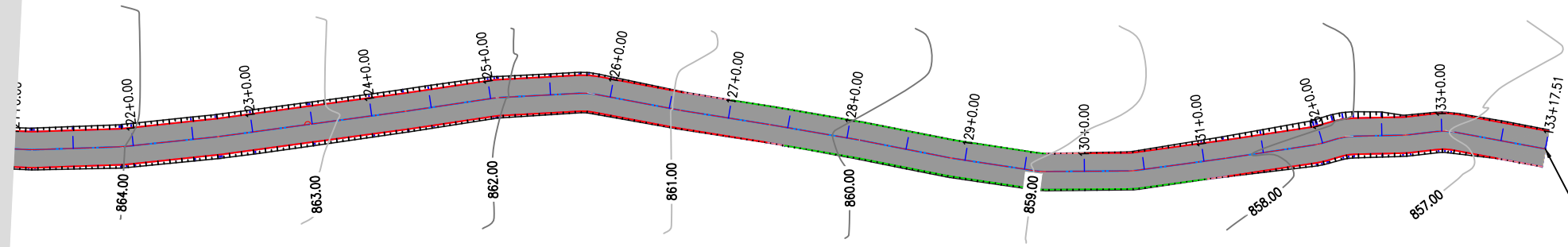
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - GEO_R2.DWG

PRANCHA:
6 / 07
 ESCALA:
 H 1/1000
 V 1/100

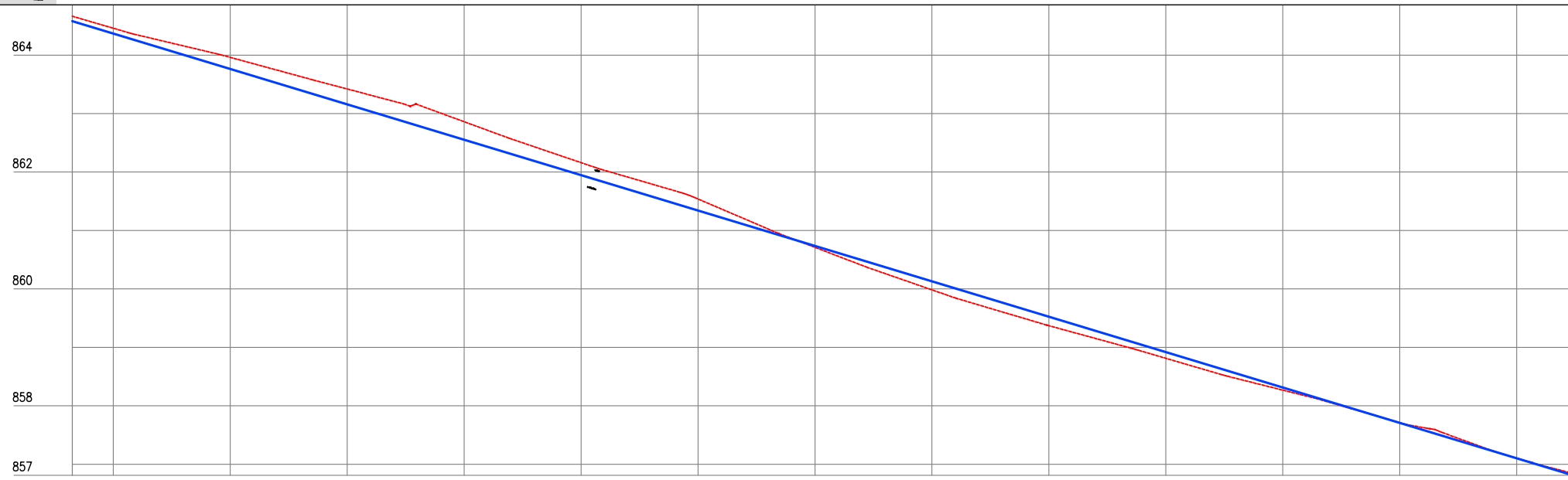


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PRANCHA - 7

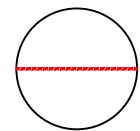


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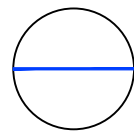


Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,085	864,381	864,686	120
-0,091	864,369	864,460	121
-0,198	863,764	863,962	122
-0,283	863,158	863,421	123
-0,308	862,552	862,861	124
-0,213	861,947	862,160	125
-0,187	861,341	861,539	126
0,025	860,736	860,711	127
0,146	860,130	859,984	128
0,154	859,525	859,371	129
0,106	858,919	858,813	130
0,045	858,314	858,268	131
-0,004	857,708	857,712	132
-0,001	857,102	857,104	133
-0,024	856,496	856,612	133

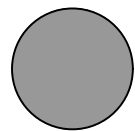
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Arthur Moreira Torquato
Engº Civil - CREA 53900D - CE



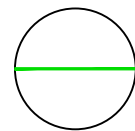
TERRENO NATURAL



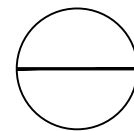
PROJETADO



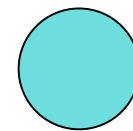
ESTRADA



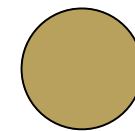
BORDO



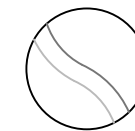
TALUDE



ATERRO



CORTE



CURVAS DE NÍVEL



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

ESTAQUEAMENTO E PERFIL LONGITUDINAL

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

ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - GEO_R2.DWG

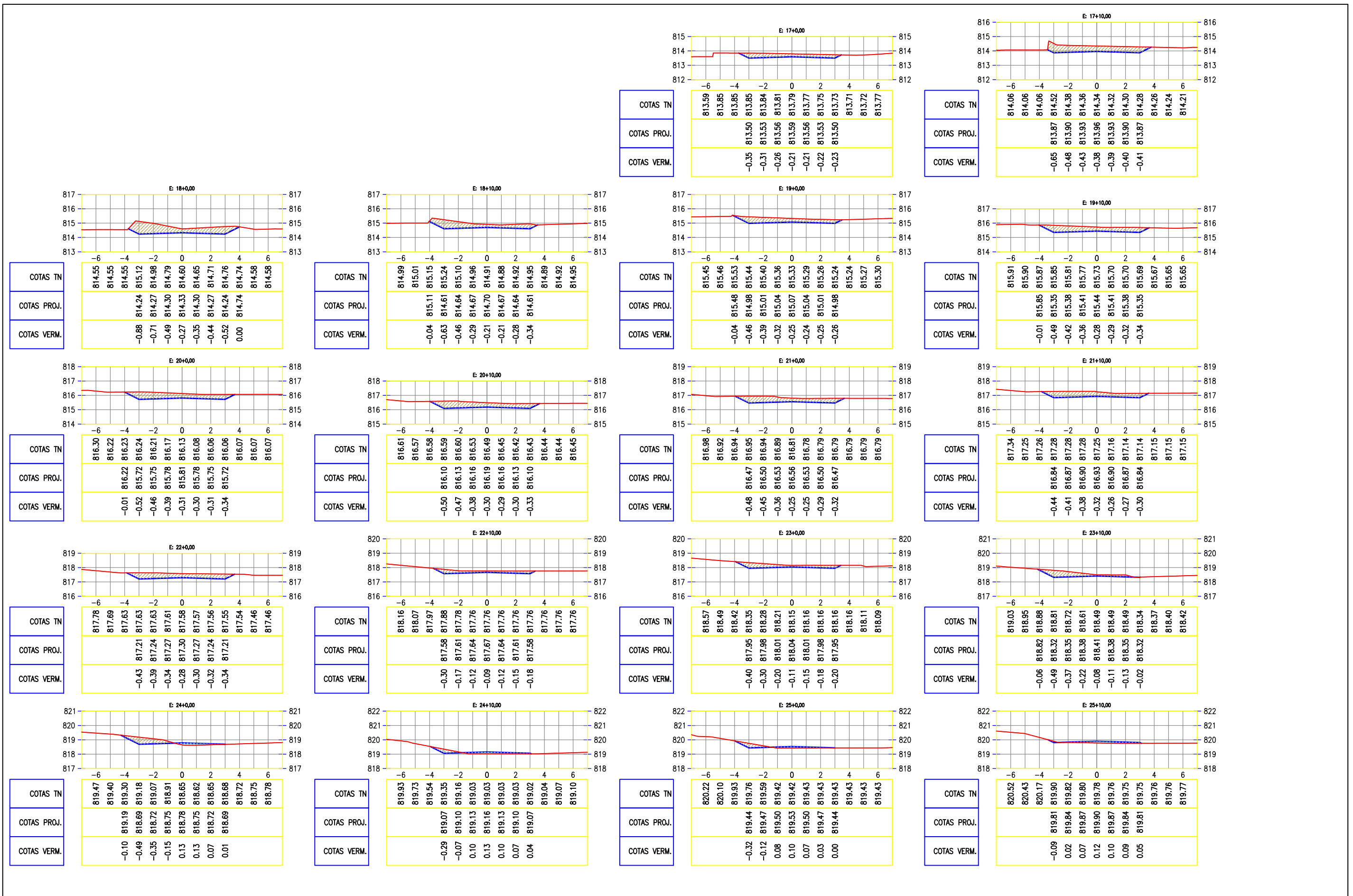
PRANCHA:

7 / 07

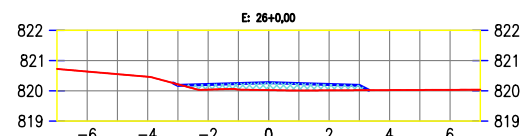
ESCALA:

H 1/1000

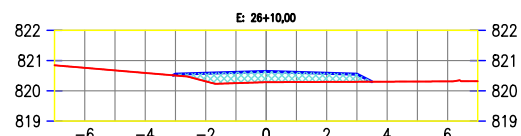
V 1/100



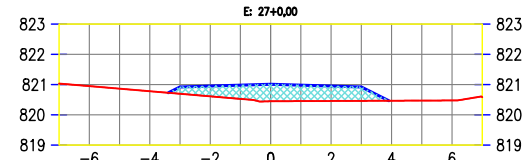
LEGENDA: ATERRO CORTE	 JOTA BARROS PROJETOS Arthur Moreira Torquato Eng.º Civil - CREA 53900D - CE	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 SEÇÕES TRANSVERSAIS		PRANCHA: 1 / 14
		PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	ESCALA: 1/250	



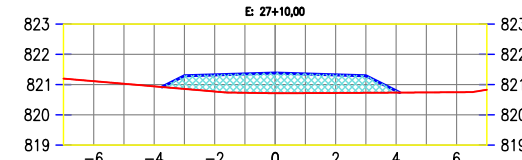
COTAS TN	820.64 820.55 820.47 820.22 820.04 820.04 820.01 820.02 820.02 820.02 820.03 820.03
COTAS PROJ.	820.18 820.21 820.24 820.27 820.24 820.01 820.21 820.18 820.02 820.03 820.03
COTAS VERM.	-0.04 0.17 0.20 0.25 0.23 0.19 0.16



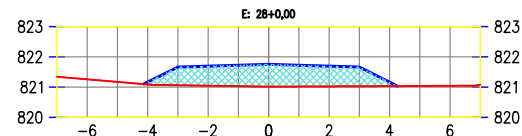
COTAS TN	820.76 820.68 820.59 820.51 820.31 820.25 820.29 820.29 820.30 820.31 820.31
COTAS PROJ.	820.55 820.58 820.61 820.64 820.29 820.29 820.55 820.30 820.31 820.31
COTAS VERM.	0.04 0.27 0.36 0.35 0.32 0.28 0.25



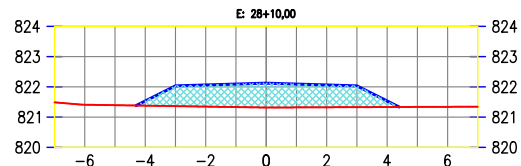
COTAS TN	820.95 820.87 820.78 820.70 820.61 820.53 820.45 820.45 820.46 820.47 820.47 820.48
COTAS PROJ.	820.92 820.95 820.98 821.01 820.98 820.45 820.46 820.46 820.47 820.47 820.48
COTAS VERM.	0.22 0.34 0.45 0.56 0.53 0.49 0.46



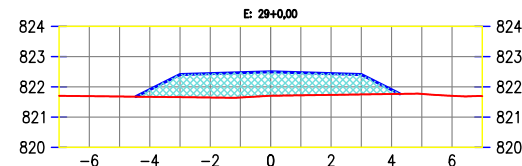
COTAS TN	821.11 821.03 820.94 820.86 820.77 820.73 820.71 820.72 820.72 820.73 820.73 820.74 820.75
COTAS PROJ.	821.29 821.32 821.35 821.38 821.35 820.72 821.29 820.73 820.73 820.73 820.74 820.75
COTAS VERM.	0.44 0.55 0.62 0.67 0.63 0.60 0.56 0.06



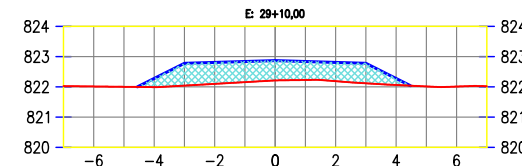
COTAS TN	821.26 821.17 821.09 821.06 821.05 821.03 821.02 821.02 821.02 821.03 821.04 821.04
COTAS PROJ.	821.16 821.66 821.69 821.72 821.75 821.72 821.02 821.69 821.66 821.16 821.04 821.04
COTAS VERM.	0.08 0.60 0.65 0.69 0.74 0.70 0.67 0.64 0.13



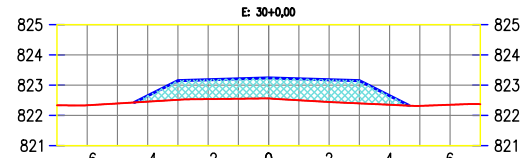
COTAS TN	821.41 821.39 821.38 821.36 821.35 821.33 821.32 821.32 821.32 821.33 821.34 821.34
COTAS PROJ.	821.53 822.03 822.06 822.09 822.12 821.32 822.09 822.06 822.03 821.53 821.34 821.34
COTAS VERM.	0.16 0.67 0.72 0.76 0.81 0.77 0.74 0.71 0.20



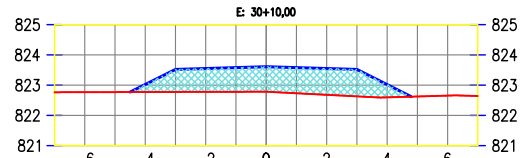
COTAS TN	821.69 821.68 821.67 821.66 821.65 821.65 821.71 821.72 821.74 821.74 821.75 821.76 821.77 821.70
COTAS PROJ.	821.91 822.41 822.44 822.47 821.65 821.71 822.50 822.47 822.44 821.91 821.75 821.76 821.77 821.70
COTAS VERM.	0.23 0.75 0.79 0.82 0.79 0.74 0.70 0.66 0.14



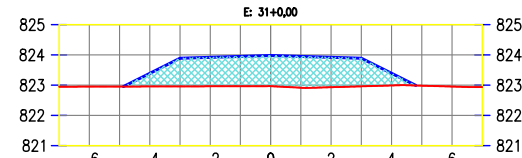
COTAS TN	822.01 822.00 821.99 822.04 822.10 822.16 822.21 822.23 822.23 822.19 822.12 822.06 822.01 822.01
COTAS PROJ.	822.28 822.78 822.81 822.84 822.84 822.84 822.84 822.23 822.19 822.12 822.28 822.06 822.01 822.01
COTAS VERM.	0.28 0.73 0.71 0.68 0.65 0.61 0.62 0.66 0.21



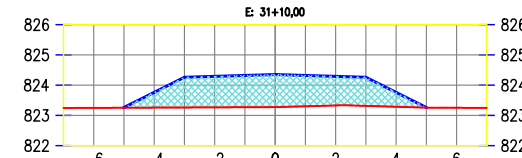
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COTAS PROJ.	823.18 823.15 823.21 823.24 822.56 823.21 822.50 823.18 823.15 822.65 822.35 822.35
COTAS VERM.	0.19 0.63 0.64 0.66 0.68 0.71 0.74 0.75 0.30



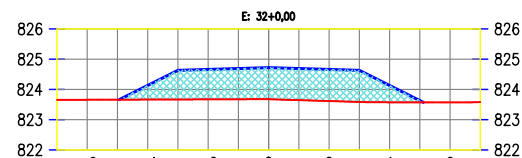
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COTAS PROJ.	823.02 823.52 823.55 823.58 822.78 823.61 822.73 823.55 822.68 823.52 822.60 823.02 822.63 822.65
COTAS VERM.	0.25 0.74 0.77 0.80 0.83 0.85 0.87 0.89 0.42



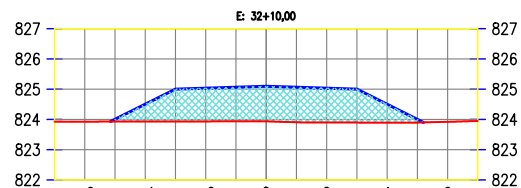
COTAS TN	822.95 822.95 822.96 822.96 822.96 822.96 822.97 822.92 822.93 822.93 822.99 822.99 822.98 822.95 822.95
COTAS PROJ.	823.39 823.89 823.92 823.96 822.96 823.98 822.97 823.95 822.92 823.92 823.89 822.99 823.39 822.98 822.95
COTAS VERM.	0.43 0.93 0.96 0.99 1.01 1.03 0.99 0.93 0.40



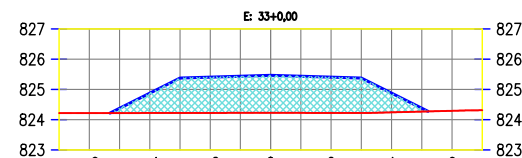
COTAS TN	823.25 823.25 823.26 823.26 823.27 823.27 823.30 823.33 823.31 823.29 823.26 823.26 823.25 823.25
COTAS PROJ.	823.26 823.76 824.26 824.29 823.27 824.32 823.30 824.26 823.31 823.76 823.26 823.26 823.25 823.25
COTAS VERM.	0.01 0.50 1.00 1.03 1.05 1.08 1.02 0.96 0.95 0.48 0.01



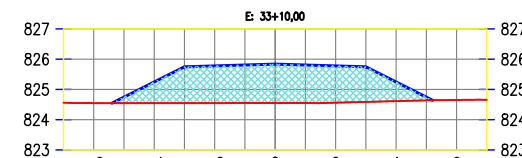
COTAS TN	823.66 823.66 823.67 823.67 823.67 823.68 823.68 823.65 823.62 823.59 823.57 823.57 823.57 823.57
COTAS PROJ.	824.13 824.63 824.66 824.69 824.72 823.68 824.69 823.65 824.66 823.59 824.63 823.57 823.57 823.57
COTAS VERM.	0.47 0.96 0.99 1.02 1.05 1.05 1.05 1.05 1.05 0.56 0.06



COTAS TN	823.93 823.93 823.93 823.93 823.94 823.94 823.91 823.90 823.90 823.90 823.90 823.90 823.92 823.92
COTAS PROJ.	824.00 824.50 825.00 825.03 825.06 823.94 825.09 823.90 825.03 825.00 824.50 824.00 824.00 823.92
COTAS VERM.	0.07 0.57 1.07 1.10 1.13 1.16 1.16 1.13 1.11 0.61 0.11

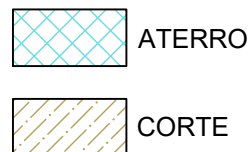


COTAS TN	824.22 824.22 824.22 824.22 824.22 824.23 824.23 824.22 824.22 824.22 824.24 824.27 824.29 824.29
COTAS PROJ.	824.37 824.87 825.37 825.40 824.22 825.43 824.23 825.37 824.22 825.37 824.24 824.37 824.27 824.29
COTAS VERM.	0.16 0.65 1.15 1.18 1.21 1.24 1.21 1.18 1.15 0.63 0.11



COTAS TN	824.55 824.55 824.54 824.55 824.55 824.55 824.55 824.56 824.59 824.61 824.64 824.65 824.65
COTAS PROJ.	824.75 825.25 825.75 825.78 824.55 825.81 824.55 825.84 824.59 825.75 824.61 824.75 824.65
COTAS VERM.	0.20 0.70 1.20 1.23 1.26 1.28 1.26 1.16 0.63 0.11

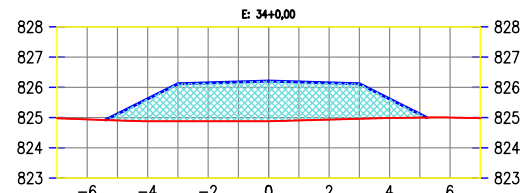
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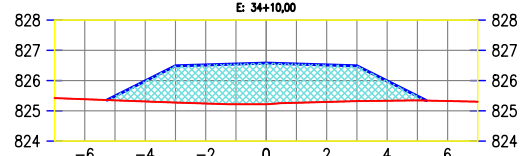
JOTA BARROS PROJETOS
Arthur Moreira Torquato
Eng.º Civil - CREA 53900D - CE



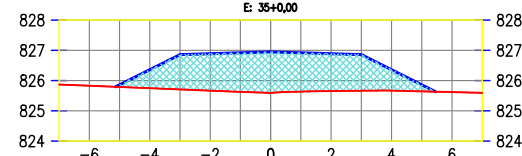
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		2 / 14
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	



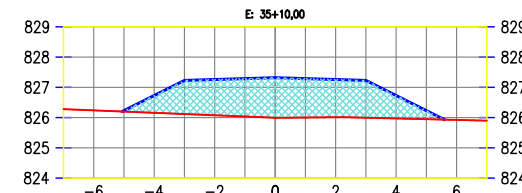
COTAS TN	824.94	824.91	824.88	824.88	824.88	824.88	824.91	824.93	824.96	825.00	825.00
COTAS PROJ.	825.12	825.62	826.12	826.15	826.18	826.21	826.18	826.15	826.12	825.62	825.12
COTAS VERM.	0.21	0.74	1.24	1.27	1.30	1.33	1.27	1.21	1.16	0.63	0.12



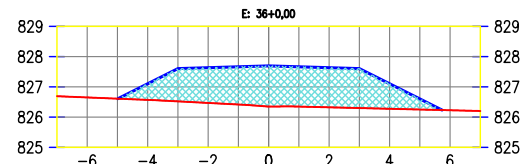
COTAS TN	825.38	825.35	825.31	825.27	825.24	825.22	825.22	825.27	825.29	825.32	825.35
COTAS PROJ.	825.49	825.99	826.49	826.52	826.55	826.55	826.58	826.55	826.52	825.99	825.33
COTAS VERM.	0.14	0.68	1.21	1.28	1.33	1.36	1.28	1.22	1.17	0.65	0.14



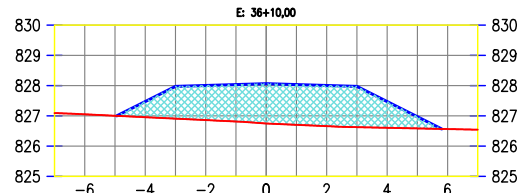
COTAS TN	825.83	825.79	825.75	825.71	825.67	825.63	825.59	825.64	825.65	825.66	825.62
COTAS PROJ.	825.86	826.36	826.86	826.89	826.92	826.92	826.95	826.92	826.89	826.86	825.67
COTAS VERM.	0.07	0.61	1.15	1.22	1.29	1.36	1.28	1.23	1.19	0.69	0.22



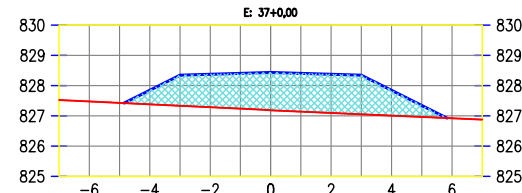
COTAS TN	826.24	826.20	826.16	826.12	826.08	826.04	825.99	826.00	826.01	826.00	825.95
COTAS PROJ.	826.23	826.73	827.23	827.26	827.29	827.32	827.32	827.29	827.26	826.73	826.23
COTAS VERM.	0.03	0.57	1.11	1.18	1.25	1.33	1.29	1.25	1.23	0.76	0.28



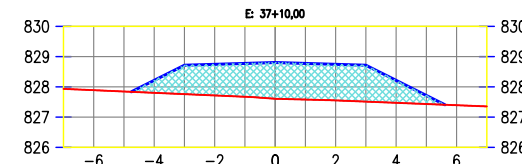
COTAS TN	826.65	826.61	826.57	826.52	826.47	826.42	826.35	826.35	826.32	826.30	826.23
COTAS PROJ.	827.10	827.60	828.10	828.13	828.16	828.19	828.19	828.16	828.13	827.60	827.10
COTAS VERM.	0.53	1.08	1.16	1.24	1.34	1.31	1.31	1.30	1.30	0.83	0.35



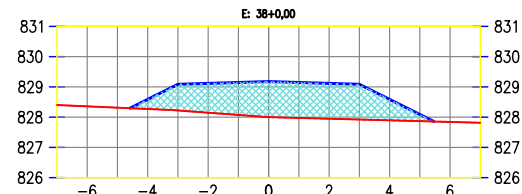
COTAS TN	827.05	827.00	826.96	826.91	826.86	826.81	826.75	826.70	826.66	826.63	826.56
COTAS PROJ.	827.47	827.97	828.47	828.50	828.53	828.56	828.53	828.50	828.47	827.97	827.47
COTAS VERM.	0.52	1.06	1.14	1.22	1.31	1.33	1.34	1.35	1.35	0.87	0.39



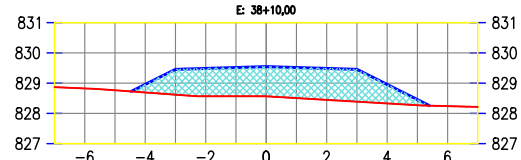
COTAS TN	827.48	827.43	827.38	827.33	827.29	827.24	827.18	827.14	827.10	827.05	826.92
COTAS PROJ.	827.84	828.34	828.84	828.87	828.90	828.93	828.90	828.87	828.84	828.34	827.84
COTAS VERM.	0.46	1.01	1.09	1.16	1.25	1.26	1.28	1.29	1.29	0.84	0.38



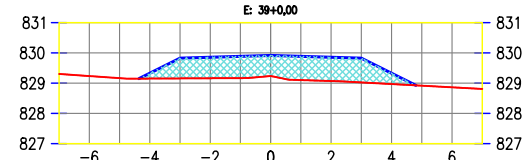
COTAS TN	827.89	827.85	827.80	827.76	827.72	827.67	827.61	827.55	827.51	827.47	827.39
COTAS PROJ.	828.21	828.71	829.21	829.24	829.27	829.30	829.27	829.24	829.21	828.71	828.21
COTAS VERM.	0.41	0.95	1.03	1.10	1.20	1.19	1.19	1.20	1.20	0.74	0.28



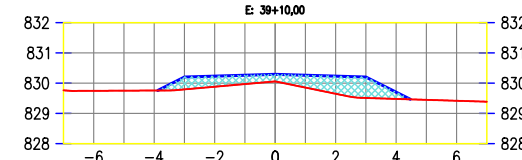
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COTAS PROJ.	828.59	829.09	829.59	829.62	829.65	829.68	829.65	829.62	829.59	829.09	828.59
COTAS VERM.	0.32	0.87	0.97	1.07	1.18	1.17	1.17	1.16	1.16	0.69	0.22



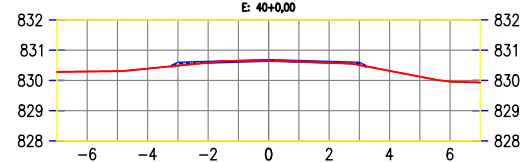
COTAS TN	828.63	828.58	828.53	828.48	828.43	828.38	828.33	828.28	828.24	828.20	828.14
COTAS PROJ.	828.96	829.46	829.96	830.00	830.04	830.08	830.04	830.00	829.96	829.46	828.96
COTAS VERM.	0.27	0.84	0.92	0.95	0.98	1.01	1.04	1.07	1.07	0.63	0.19



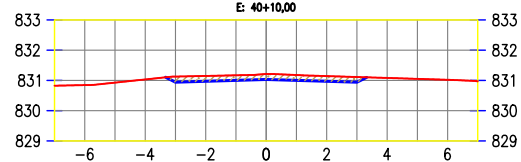
COTAS TN	829.23	829.17	829.15	829.16	829.16	829.16	829.10	829.07	829.02	828.97	828.86
COTAS PROJ.	829.33	829.83	829.86	829.89	829.92	829.95	829.92	829.89	829.86	829.33	828.86
COTAS VERM.	0.18	0.67	0.70	0.72	0.68	0.79	0.79	0.80	0.80	0.36	0.19



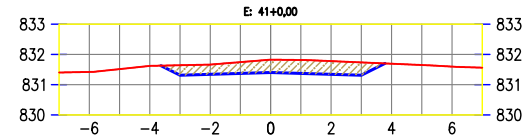
COTAS TN	829.75	829.75	829.76	829.79	829.88	829.97	830.06	830.06	829.85	829.65	829.42
COTAS PROJ.	830.20	830.26	830.29	830.32	830.35	830.38	830.35	830.32	830.29	830.20	829.70
COTAS VERM.	0.41	0.35	0.29	0.23	0.41	0.58	0.69	0.69	0.69	0.22	0.22



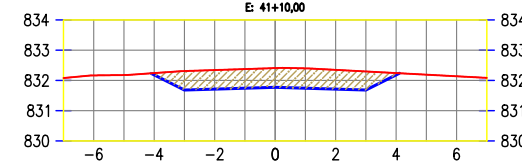
COTAS TN	830.29	830.31	830.39	830.49	830.59	830.65	830.66	830.62	830.59	830.51	830.32
COTAS PROJ.	830.57	830.60	830.63	830.66	830.69	830.72	830.72	830.69	830.66	830.57	830.32
COTAS VERM.	0.08	0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.06	0.06



COTAS TN	830.85	830.93	831.03	831.13	831.15	831.17	831.22	831.18	831.14	831.11	831.08
COTAS PROJ.	830.94	830.97	831.00	831.03	831.06	831.09	831.12	831.11	831.08	831.05	831.02
COTAS VERM.	-0.19	-0.18	-0.17	-0.18	-0.18	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17



COTAS TN	831.42	831.51	831.62	831.64	831.66	831.75	831.83	831.82	831.78	831.74	831.69
COTAS PROJ.	831.51	831.54	831.57	831.60	831.63	831.66	831.69	831.72	831.75	831.74	831.69
COTAS VERM.	-0.33	-0.32	-0.37	-0.43	-0.44	-0.44	-0.44	-0.44	-0.42	-0.42	-0.42



COTAS TN	832.17	832.18	832.24	832.31	832.34	832.38	832.41	832.40	832.35	832.30	832.19
COTAS PROJ.	832.18	832.21	832.24	832.27	832.30	832.33	832.36	832.39	832.42	832.45	832.48
COTAS VERM.	-0.06	-0.63	-0.63	-0.63	-0.63	-0.66	-0.66	-0.66	-0.61	-0.61	-0.61

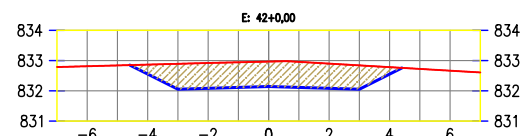
LEGENDA:



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



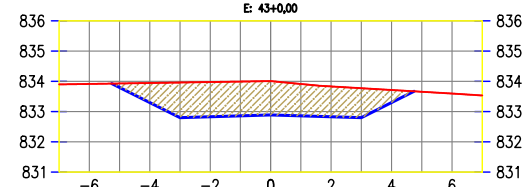
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		3 / 14
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	



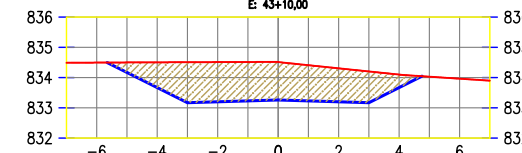
COTAS TN	832.81	832.84	832.87	832.89	832.92	832.94	832.97	832.96	832.90	832.84	832.78	832.72	832.67
COTAS PROJ.													
COTAS VERM.	-0.31	-0.84	-0.84	-0.84	-0.83	-0.82	-0.84	-0.82	-0.79	-0.23			



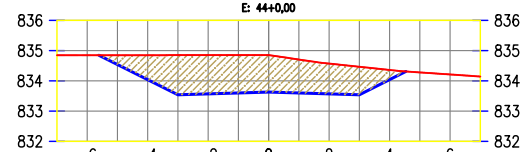
COTAS TN	833.35	833.37	833.39	833.42	833.44	833.46	833.49	833.45	833.39	833.34	833.29	833.23	833.17
COTAS PROJ.													
COTAS VERM.	-0.47	-0.99	-0.98	-0.98	-0.97	-0.96	-0.94	-0.92	-0.36				



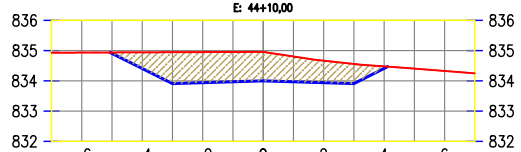
COTAS TN	833.91	833.93	833.95	833.96	833.98	833.99	834.01	833.99	833.83	833.77	833.71	833.66	833.60
COTAS PROJ.													
COTAS VERM.	-0.13	-0.65	-1.16	-1.15	-1.14	-1.12	-1.06	-1.00	-0.98	-0.42			



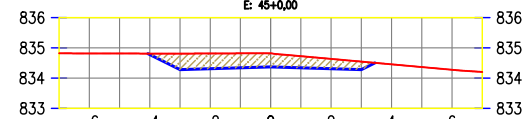
COTAS TN	834.50	834.50	834.50	834.51	834.52	834.52	834.52	834.41	834.31	834.20	834.10	834.03	833.96
COTAS PROJ.													
COTAS VERM.	-0.33	-0.84	-1.34	-1.31	-1.29	-1.26	-1.18	-1.11	-1.03	-0.43			



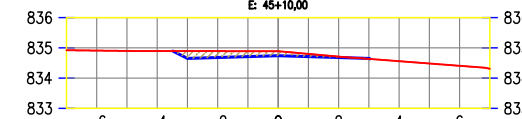
COTAS TN	834.85	834.85	834.85	834.85	834.85	834.85	834.71	834.57	834.47	834.36	834.28	834.21	
COTAS PROJ.													
COTAS VERM.	-0.31	-0.81	-1.31	-1.28	-1.25	-1.22	-1.11	-1.00	-0.93	-0.32			



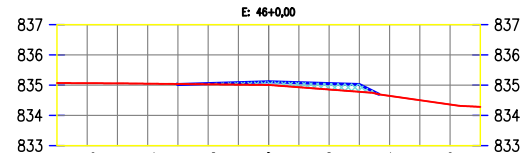
COTAS TN	834.94	834.94	834.94	834.95	834.95	834.95	834.81	834.67	834.56	834.48	834.41	834.33	
COTAS PROJ.													
COTAS VERM.	-0.03	-0.53	-1.04	-1.01	-0.98	-0.96	-0.84	-0.73	-0.65	-0.07			



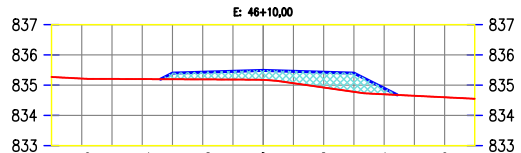
COTAS TN	834.82	834.81	834.81	834.81	834.82	834.82	834.73	834.64	834.55	834.46	834.37	834.28	
COTAS PROJ.													
COTAS VERM.	-0.03	-0.53	-0.50	-0.48	-0.45	-0.38	-0.32	-0.26					



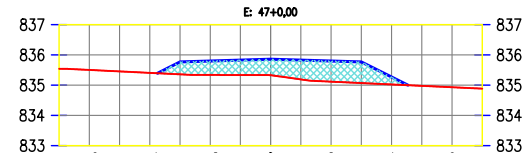
COTAS TN	834.91	834.90	834.89	834.89	834.89	834.89	834.71	834.80	834.71	834.64	834.56	834.48	834.41
COTAS PROJ.													
COTAS VERM.			-0.24	-0.21	-0.18	-0.15	-0.09	-0.03	0.02				



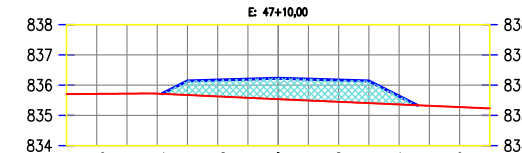
COTAS TN	835.06	835.06	835.05	835.03	835.02	835.01	834.93	834.86	834.78	834.65	834.50	834.36	
COTAS PROJ.													
COTAS VERM.			-0.01	0.03	0.07	0.11	0.15	0.20	0.24				



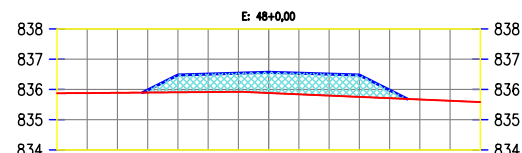
COTAS TN	835.22	835.21	835.20	835.20	835.19	835.19	835.18	835.06	834.92	834.78	834.65	834.60	
COTAS PROJ.													
COTAS VERM.			0.20	0.23	0.27	0.31	0.39	0.50	0.62	0.20			



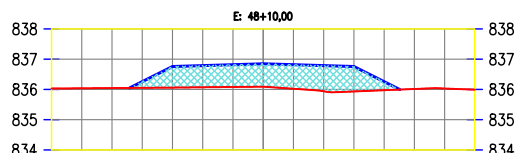
COTAS TN	835.50	835.45	835.41	835.36	835.34	835.33	835.33	835.12	835.07	835.02	834.98	834.93	
COTAS PROJ.													
COTAS VERM.			0.41	0.46	0.49	0.53	0.64	0.68	0.70	0.24			



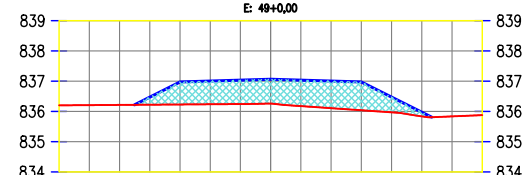
COTAS TN	835.71	835.72	835.72	835.67	835.63	835.58	835.54	835.49	835.45	835.41	835.36	835.32	835.27
COTAS PROJ.													
COTAS VERM.				0.46	0.54	0.62	0.69	0.71	0.72	0.73	0.28		



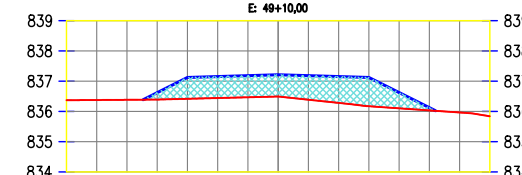
COTAS TN	835.88	835.89	835.91	835.91	835.92	835.88	835.84	835.80	835.75	835.71	835.67	835.63	
COTAS PROJ.													
COTAS VERM.		0.08	0.57	0.60	0.62	0.69	0.70	0.71	0.73	0.27			



COTAS TN	836.04	836.05	836.05	836.06	836.07	836.08	836.09	836.02	835.94	835.93	835.97	836.02	836.03
COTAS PROJ.													
COTAS VERM.		0.20	0.70	0.72	0.74	0.76	0.79	0.85	0.82	0.28			

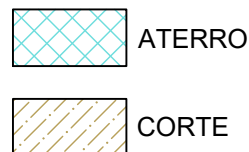


COTAS TN	836.21	836.22	836.22	836.23	836.24	836.24	836.26	836.18	836.11	836.04	835.97	835.84	835.84
COTAS PROJ.													
COTAS VERM.		0.25	0.74	0.76	0.79	0.80	0.86	0.89	0.93	0.50	0.14		



COTAS TN	836.38	836.39	836.42	836.44	836.47	836.49	836.39	836.28	836.17	836.10	836.03	835.97	
COTAS PROJ.													
COTAS VERM.		0.23	0.71	0.71	0.71	0.72	0.80	0.87	0.95	0.52	0.09		

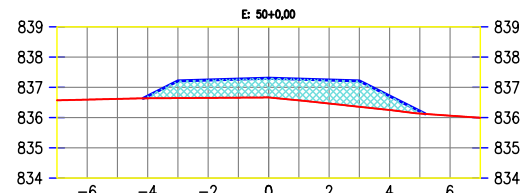
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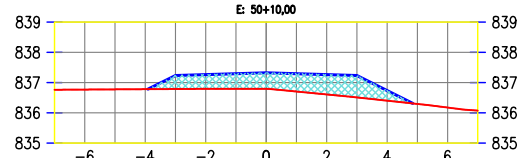
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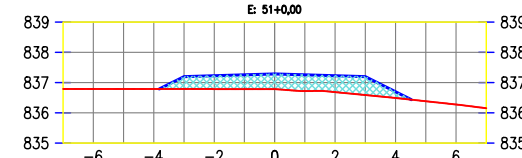
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		4 / 14
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	



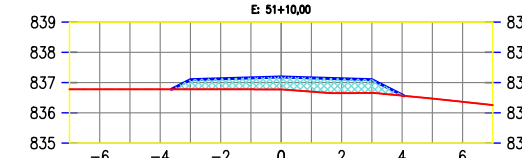
COTAS TN	836.59	836.62	836.64	836.64	836.65	836.66	836.67	836.67	836.57	836.24	836.46	836.36	836.25	836.13	836.06
COTAS PROJ.			836.71	836.64	837.21	836.65	837.24	836.66	837.27	836.57	837.24	836.46	837.21	836.25	836.13
COTAS VERM.			0.07	0.59	0.59	0.61	0.64	0.70	0.78	0.85	0.46	0.08			



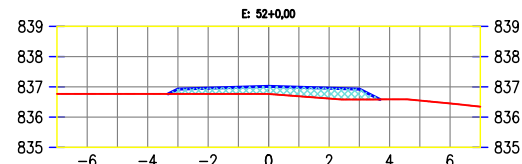
COTAS TN	836.77	836.78	836.78	836.79	836.80	836.80	836.70	836.70	836.61	836.51	836.40	836.29	836.17		
COTAS PROJ.				837.24	836.79	836.80	837.30	836.80	837.27	836.61	836.51	836.74	836.40	836.29	836.17
COTAS VERM.				0.45	0.47	0.50	0.53	0.59	0.66	0.73	0.33				



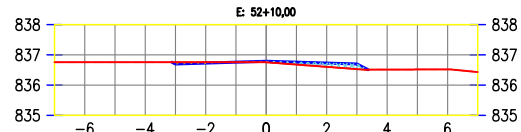
COTAS TN	836.79	836.79	836.79	836.79	836.79	836.79	836.79	836.79	836.72	836.68	836.59	836.49	836.38	836.28	
COTAS PROJ.				837.20	836.79	836.79	837.26	836.72	837.23	836.68	837.20	836.49	836.38	836.28	
COTAS VERM.				0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.20				



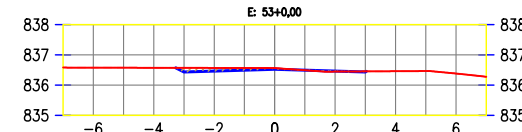
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COTAS PROJ.							837.09	836.78	837.12	836.78	837.15	836.78	837.18	836.66	836.57
COTAS VERM.							0.32	0.35	0.38	0.41	0.45	0.44	0.47	0.44	0.03



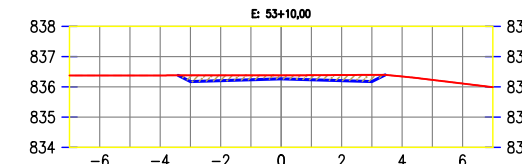
COTAS TN	836.77	836.77	836.77	836.77	836.77	836.77	836.69	836.61	836.58	836.59	836.55	836.45			
COTAS PROJ.							836.96	836.77	837.02	836.77	836.69	836.61	836.58	836.55	836.45
COTAS VERM.							0.16	0.19	0.22	0.25	0.30	0.34	0.34		



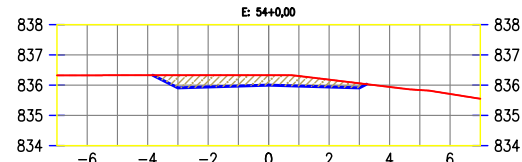
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COTAS PROJ.							836.70	836.73	836.76	836.70	836.70	836.70	836.52	836.52	
COTAS VERM.							-0.06	-0.03	0.00	0.03	0.08	0.12	0.17		



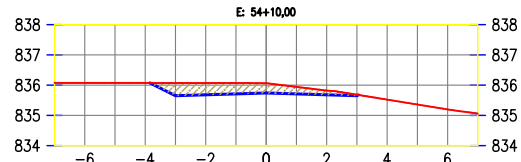
COTAS TN	836.58	836.58	836.57	836.57	836.57	836.57	836.56	836.49	836.45	836.45	836.46	836.46	836.38		
COTAS PROJ.							836.44	836.47	836.57	836.56	836.50	836.49	836.45	836.46	836.38
COTAS VERM.							-0.14	-0.10	-0.07	-0.04	0.00	0.02	-0.02		



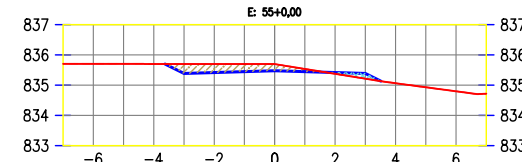
COTAS TN	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.40	836.34	836.23	836.11
COTAS PROJ.							836.17	836.20	836.38	836.38	836.38	836.39	836.40	836.34	836.23
COTAS VERM.							-0.21	-0.18	-0.15	-0.12	-0.15	-0.19	-0.22		



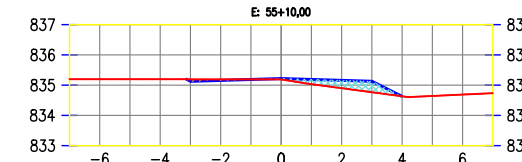
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COTAS PROJ.							835.91	835.94	836.06	836.06	835.94	835.84	835.71		
COTAS VERM.							-0.41	-0.38	-0.35	-0.32	-0.33	-0.24	-0.15		



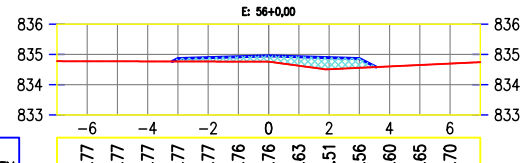
COTAS TN	836.08	836.07	836.07	836.07	836.07	836.07	835.94	835.82	835.68	835.52	835.36	835.20			
COTAS PROJ.							835.65	835.68	836.07	836.07	835.71	835.68	835.65	835.52	835.20
COTAS VERM.							-0.42	-0.39	-0.36	-0.33	-0.23	-0.14	-0.03		



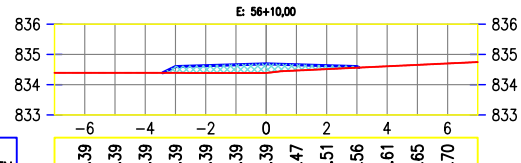
COTAS TN	835.70	835.70	835.70	835.70	835.70	835.70	835.54	835.37	835.21	835.06	834.93	834.80			
COTAS PROJ.							835.39	835.42	835.70	835.70	835.54	835.37	835.21	835.06	834.80
COTAS VERM.							-0.31	-0.28	-0.25	-0.22	-0.09	0.04	0.17		



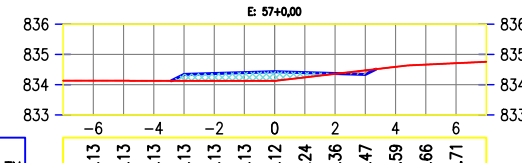
COTAS TN	835.20	835.20	835.19	835.19	835.19	835.19	835.19	835.03	834.90	834.77	834.63	834.64	834.69		
COTAS PROJ.							835.13	835.16	835.19	835.19	835.19	835.03	834.90	834.77	834.63
COTAS VERM.							-0.07	-0.04	-0.01	0.03	0.15	0.26	0.36		



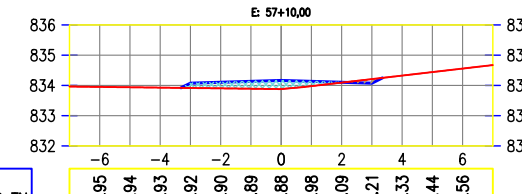
COTAS TN	834.77	834.77	834.77	834.76	834.76	834.63	834.51	834.56	834.60	834.65	834.70				
COTAS PROJ.							834.89	834.86	834.76	834.76	834.63	834.51	834.56	834.60	834.65
COTAS VERM.							0.10	0.13	0.16	0.19	0.30	0.38	0.31		



COTAS TN	834.39	834.39	834.39	834.39	834.39	834.39	834.47	834.61	834.65	834.70					
COTAS PROJ.							834.60	834.63	834.51	834.56	834.65	834.70			
COTAS VERM.							0.21	0.24	0.27	0.30	0.19	0.12	0.04		

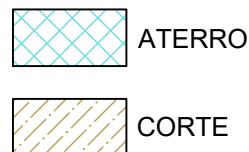


COTAS TN	834.13	834.13	834.13	834.13	834.13	834.12	834.24	834.36	834.47	834.59	834.66	834.71			
COTAS PROJ.							834.34	834.37	834.13	834.13	834.24	834.36	834.47	834.59	834.66
COTAS VERM.							0.21	0.24	0.27	0.30	0.16	0.01	-0.13		



COTAS TN	833.95	833.94	833.93	833.92	833.89	833.88	834.11	834.09	834.21	834.33	834.44	834.56			
COTAS PROJ.							834.08	834.14	833.89	833.88	834.17	833.98	834.14	834.09	834.21
COTAS VERM.							0.16	0.20	0.24	0.29	0.16	0.01	-0.13		

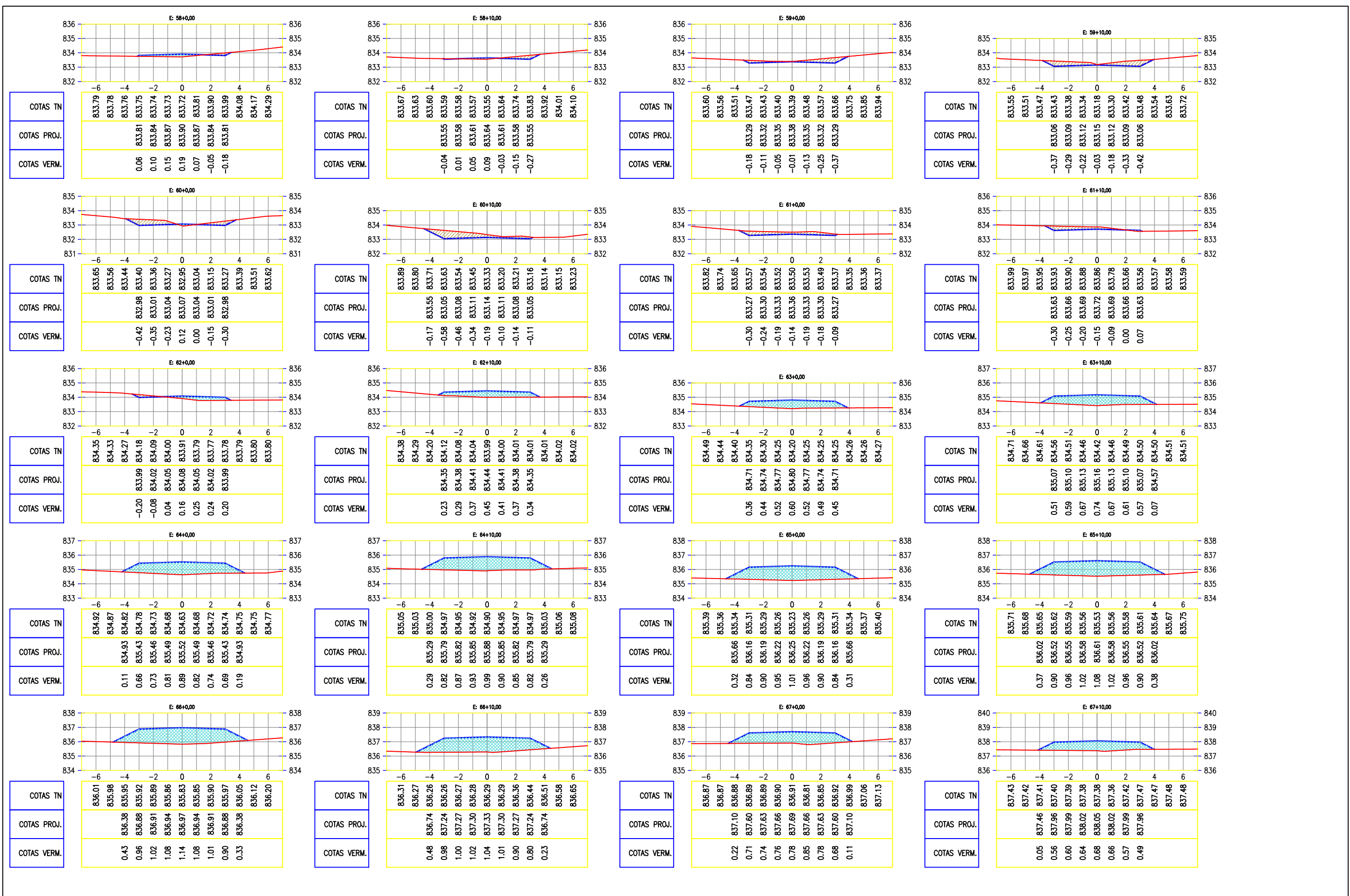
LEGENDA:



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		5 / 14
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.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

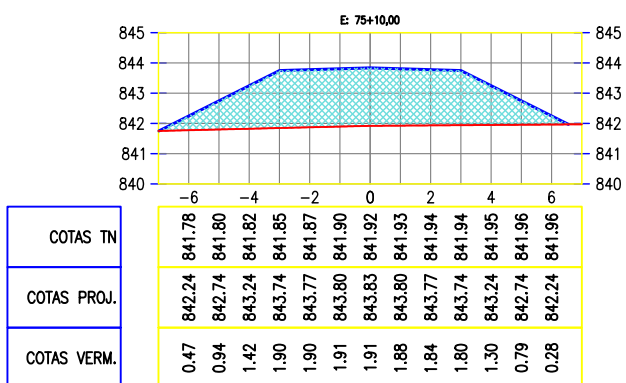
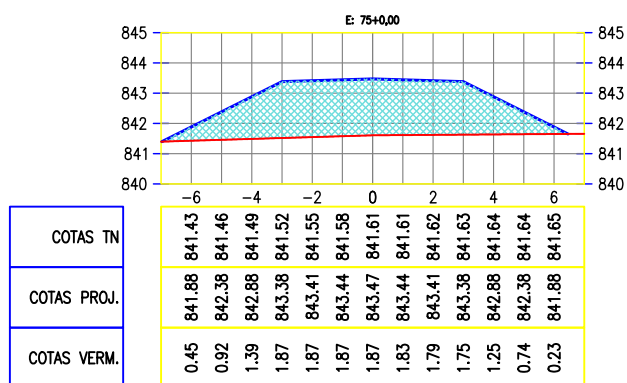
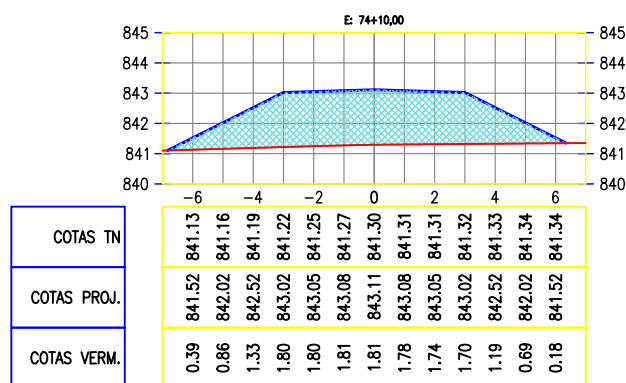
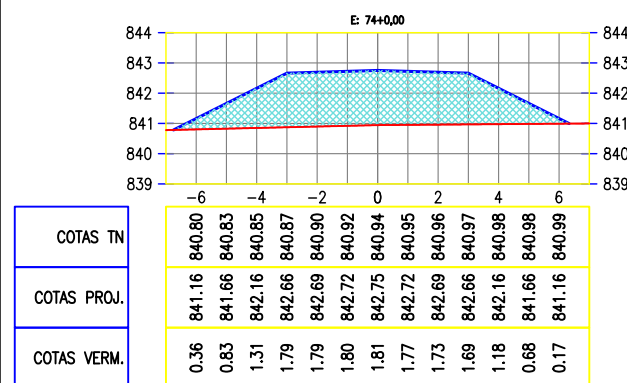
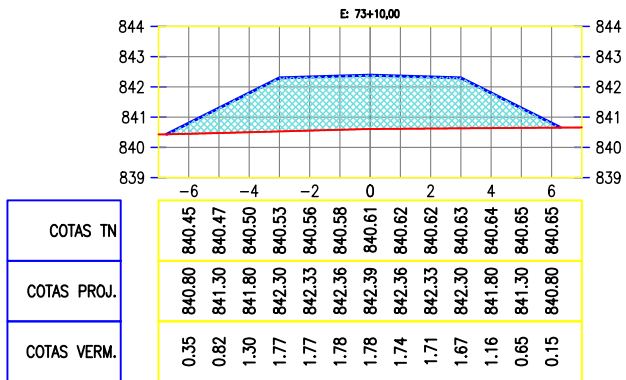
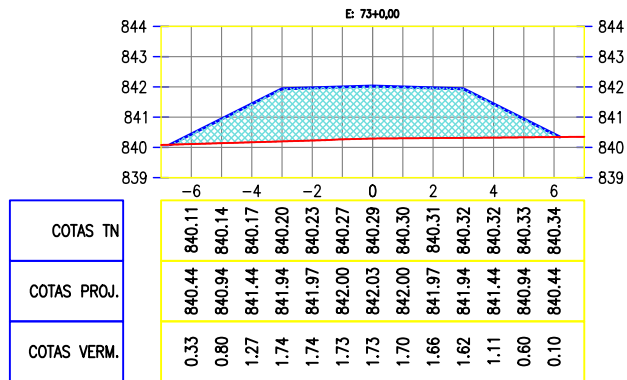
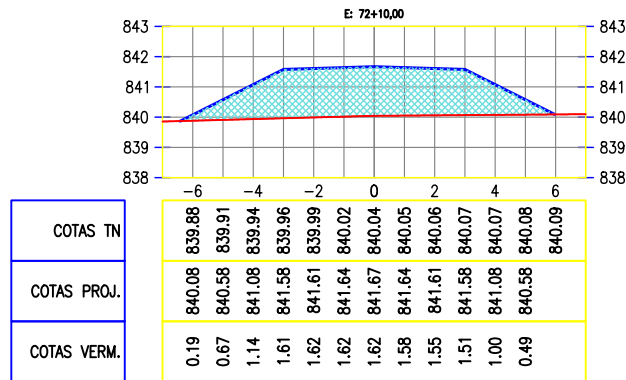
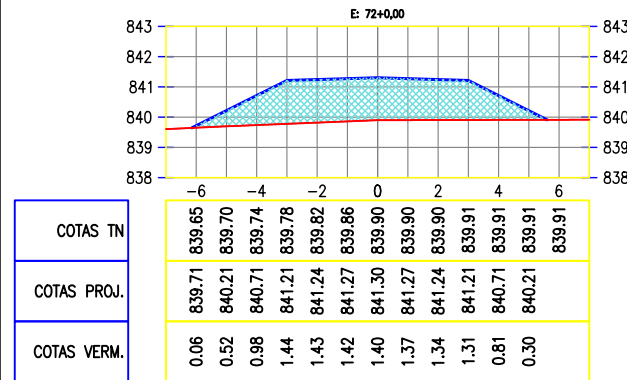
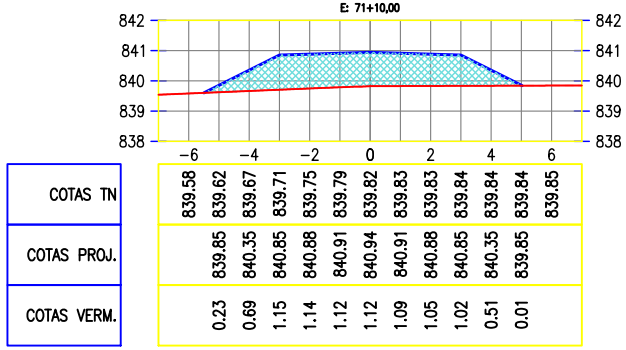
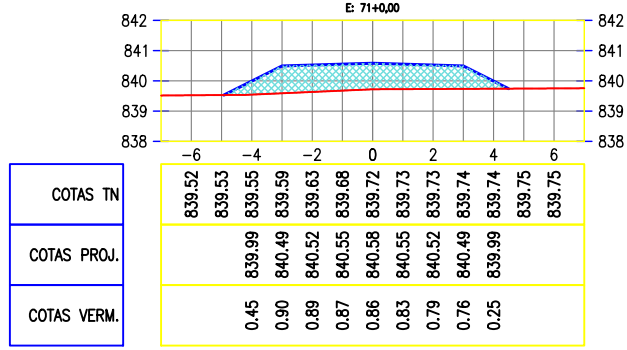
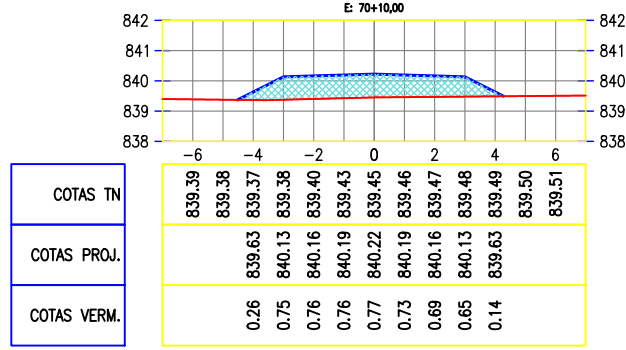
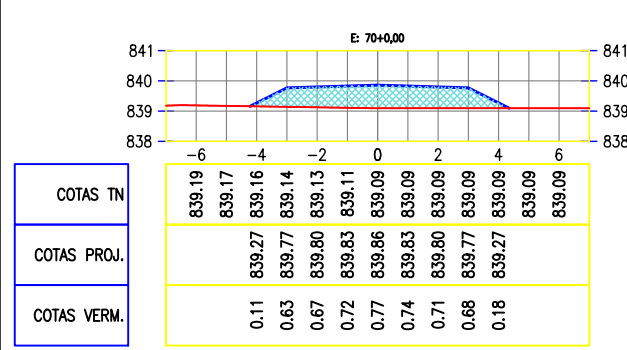
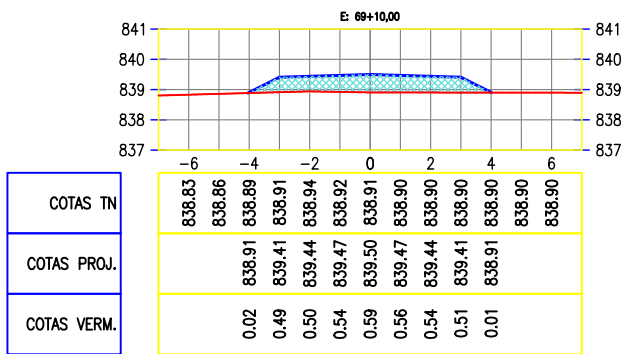
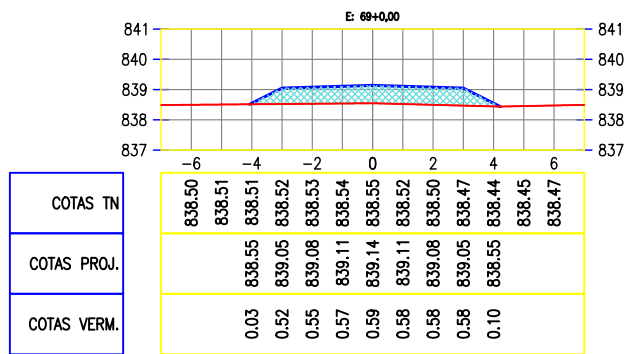
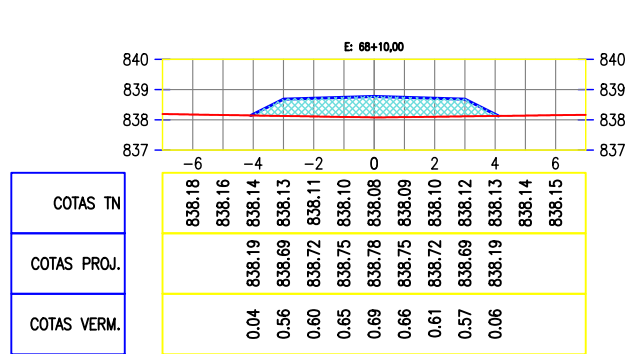
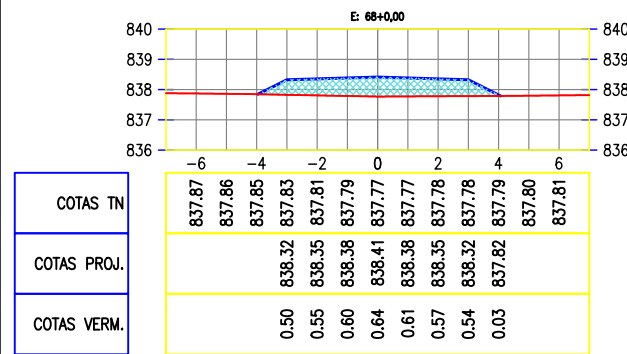
ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG

PRANCHA:

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ESCALA:

1/250



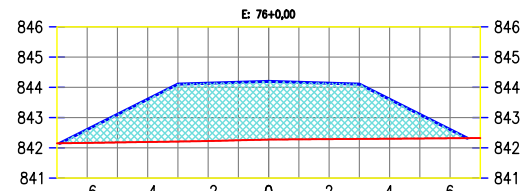
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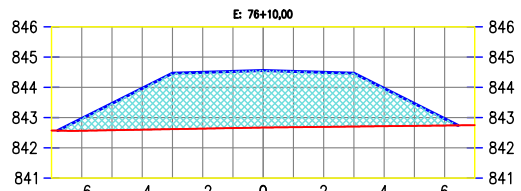
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Eng.º Civil - CREA 53900/D - CE



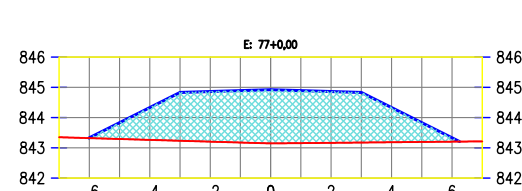
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		7 / 14
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	



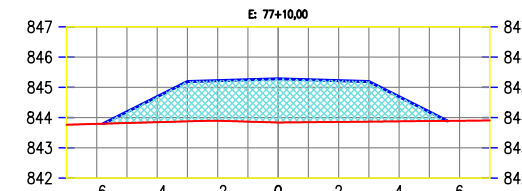
COTAS TN	842.16	842.18	842.21	842.23	842.25	842.27	842.28	842.29	842.29	842.30	842.31	842.32
COTAS PROJ.	842.61	843.11	843.61	844.11	844.21	844.17	844.28	844.14	844.11	843.61	843.11	842.61
COTAS VERM.	0.44	0.93	1.41	1.90	1.92	1.92	1.89	1.85	1.81	1.30	0.80	0.29



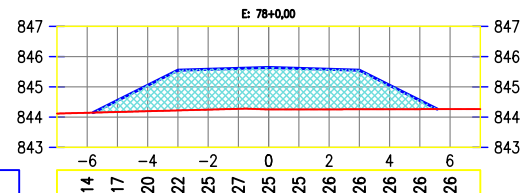
COTAS TN	842.57	842.58	842.60	842.62	842.64	842.65	842.67	842.68	842.69	842.70	842.72	842.74
COTAS PROJ.	842.97	843.47	843.97	844.47	844.56	844.53	844.56	844.53	844.50	844.47	843.97	842.74
COTAS VERM.	0.40	0.88	1.37	1.85	1.86	1.87	1.89	1.85	1.80	1.76	1.25	0.74



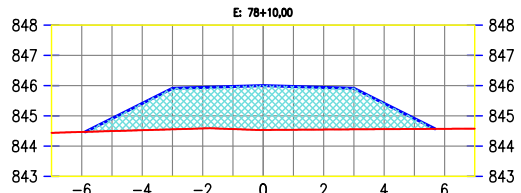
COTAS TN	843.32	843.29	843.26	843.23	843.20	843.18	843.15	843.16	843.17	843.18	843.18	843.20
COTAS PROJ.	843.33	843.83	844.33	844.83	844.86	844.89	844.92	844.89	844.86	844.83	843.83	843.20
COTAS VERM.	0.01	0.54	1.07	1.60	1.65	1.71	1.77	1.73	1.69	1.65	1.14	0.12



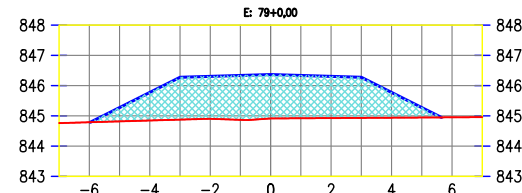
COTAS TN	843.79	843.82	843.85	843.88	843.89	843.87	843.84	843.85	843.86	843.87	843.88	843.89
COTAS PROJ.	844.19	844.69	845.19	845.69	845.72	845.69	845.66	845.63	845.60	845.57	845.19	843.89
COTAS VERM.	0.37	0.84	1.31	1.78	1.83	1.83	1.82	1.81	1.80	1.79	1.32	0.30



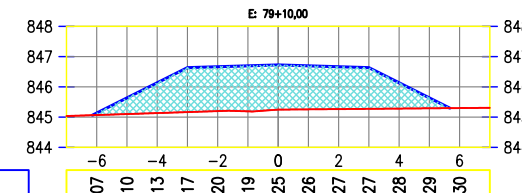
COTAS TN	844.14	844.17	844.20	844.25	844.27	844.25	844.25	844.26	844.26	844.26	844.26	844.26
COTAS PROJ.	844.55	845.05	845.55	846.05	846.11	846.08	846.05	846.02	845.99	845.96	845.55	844.26
COTAS VERM.	0.38	0.86	1.33	1.80	1.84	1.83	1.82	1.81	1.80	1.79	1.36	0.29



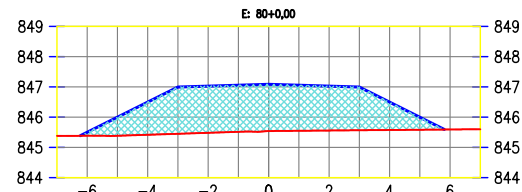
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COTAS PROJ.	844.91	845.41	845.91	846.41	846.48	846.45	846.42	846.39	846.36	846.33	845.91	844.57
COTAS VERM.	0.42	0.89	1.36	1.83	1.87	1.86	1.85	1.84	1.83	1.82	1.36	0.35



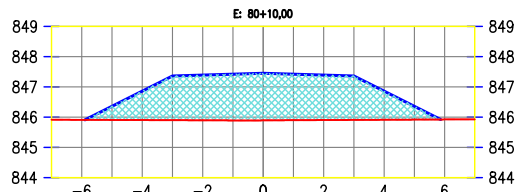
COTAS TN	844.79	844.82	844.85	844.88	844.90	844.87	844.91	844.92	844.93	844.94	844.95	844.95
COTAS PROJ.	845.27	845.77	846.27	846.77	846.80	846.77	846.74	846.71	846.68	846.65	846.27	844.95
COTAS VERM.	0.46	0.93	1.40	1.87	1.90	1.89	1.88	1.87	1.86	1.85	1.40	0.33



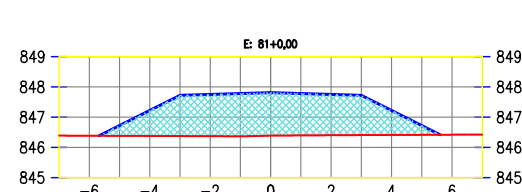
COTAS TN	845.07	845.10	845.13	845.17	845.20	845.19	845.25	845.26	845.27	845.27	845.28	845.30
COTAS PROJ.	845.14	845.64	846.14	846.64	846.67	846.64	846.61	846.58	846.55	846.52	846.14	845.30
COTAS VERM.	0.07	0.53	1.00	1.47	1.50	1.49	1.48	1.47	1.46	1.45	1.00	0.34



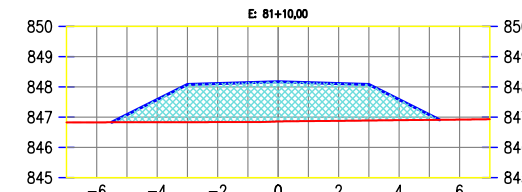
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COTAS PROJ.	845.50	846.00	846.50	847.00	847.06	847.03	847.00	846.97	846.94	846.91	846.50	845.59
COTAS VERM.	0.11	0.61	1.08	1.55	1.54	1.53	1.52	1.51	1.50	1.49	1.08	0.41



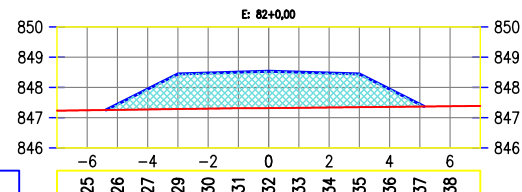
COTAS TN	845.91	845.90	845.90	845.89	845.89	845.89	845.90	845.90	845.91	845.91	845.92	845.92
COTAS PROJ.	846.36	846.86	847.36	847.86	847.92	847.89	847.86	847.83	847.80	847.77	847.36	845.92
COTAS VERM.	0.45	0.95	1.46	1.99	2.03	2.02	2.01	2.00	1.99	1.98	1.46	0.44



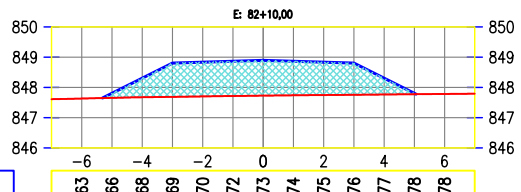
COTAS TN	846.39	846.38	846.38	846.37	846.37	846.37	846.39	846.40	846.40	846.41	846.42	846.42
COTAS PROJ.	846.72	847.22	847.72	848.22	848.29	848.26	848.23	848.20	848.17	848.14	847.72	846.42
COTAS VERM.	0.34	0.84	1.35	1.88	1.92	1.91	1.90	1.89	1.88	1.87	1.35	0.30



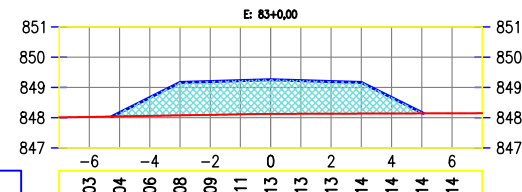
COTAS TN	846.83	846.83	846.83	846.83	846.84	846.84	846.86	846.87	846.88	846.88	846.92	846.92
COTAS PROJ.	847.08	847.58	848.08	848.58	848.64	848.61	848.58	848.55	848.52	848.49	848.08	846.92
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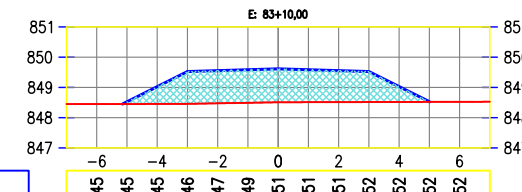
COTAS TN	847.25	847.26	847.27	847.30	847.32	847.33	847.34	847.35	847.36	847.37	847.38	847.38
COTAS PROJ.	847.44	847.94	848.44	848.94	849.00	848.97	848.94	848.91	848.88	848.85	848.44	847.38
COTAS VERM.	0.18	0.67	1.16	1.65	1.69	1.68	1.67	1.66	1.65	1.64	1.16	0.07



COTAS TN	847.63	847.66	847.68	847.69	847.70	847.72	847.73	847.74	847.75	847.76	847.77	847.78
COTAS PROJ.	848.00	848.50	849.00	849.50	849.56	849.53	849.50	849.47	849.44	849.41	849.00	847.78
COTAS VERM.	0.15	0.63	1.11	1.60	1.64	1.63	1.62	1.61	1.60	1.59	1.11	0.03

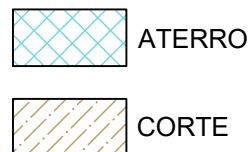


COTAS TN	848.03	848.04	848.06	848.08	848.09	848.11	848.13	848.13	848.14	848.14	848.14	848.14
COTAS PROJ.	848.17	848.67	849.17	849.67	849.73	849.70	849.67	849.64	849.61	849.58	849.17	848.14
COTAS VERM.	0.12	0.61	1.09	1.58	1.62	1.61	1.60	1.59	1.58	1.57	1.09	0.02



COTAS TN	848.45	848.45	848.45	848.46	848.47	848.49	848.51	848.51	848.52	848.52	848.52	848.52
COTAS PROJ.	848.53	849.03	849.53	850.03	850.09	850.06	850.03	850.00	849.97	849.94	849.53	848.52
COTAS VERM.	0.07	0.57	1.07	1.56	1.60	1.59	1.58	1.57	1.56	1.55	1.07	0.00

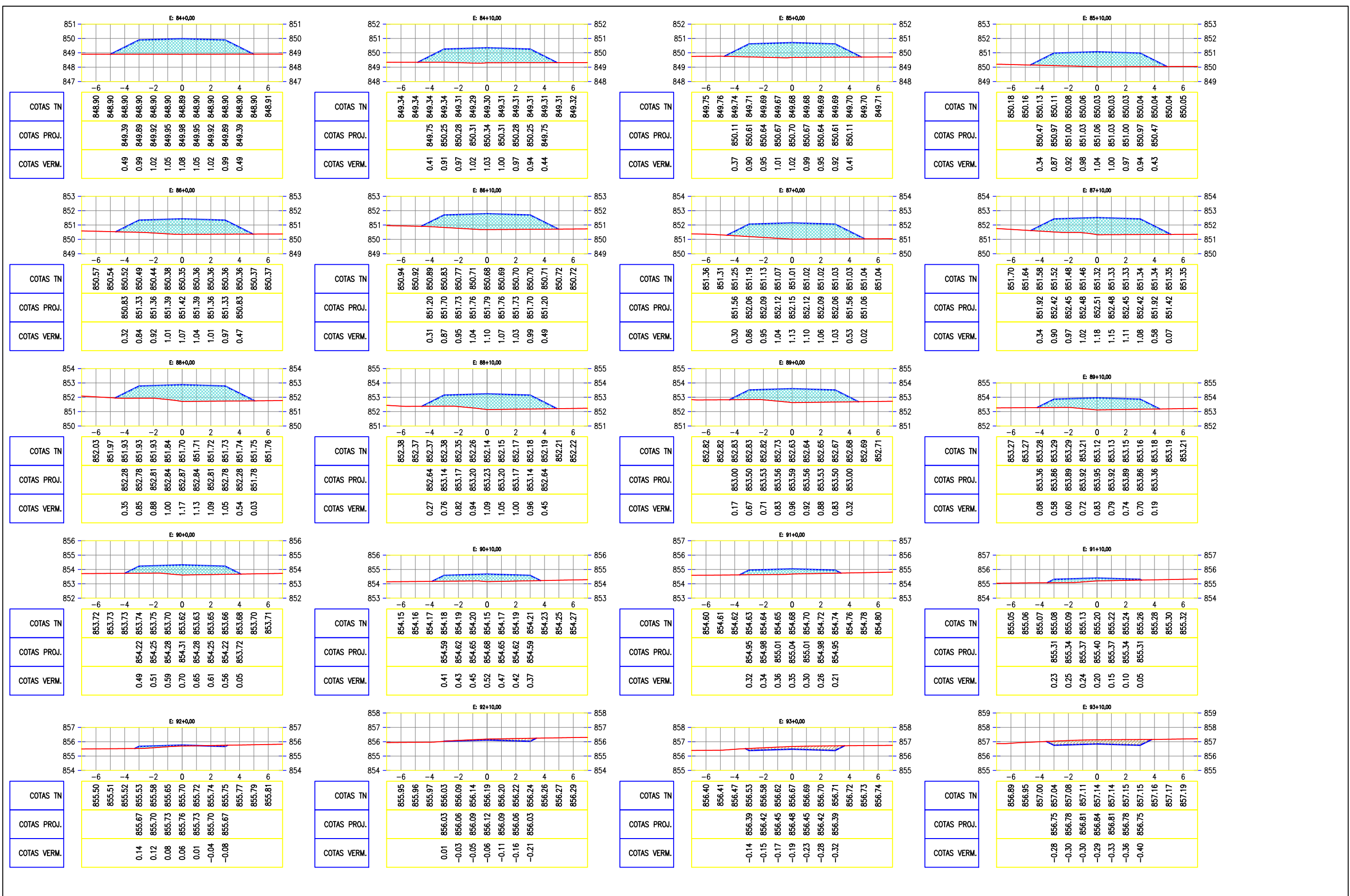
LEGENDA:



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		8 / 14
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	



LEGENDA: ATERRO CORTE	 JOTA BARROS PROJETOS Arthur Moreira Torquato Eng.º Civil - CREA 53900D - CE	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 SEÇÕES TRANSVERSAIS	PRANCHA:
	 JOTA BARROS PROJETOS	PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE ARQUIVO: 18-SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	9 / 14



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

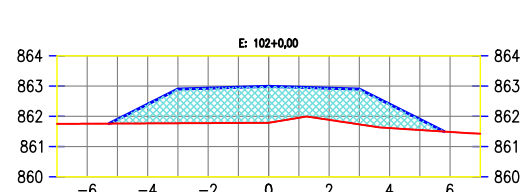
SEÇÕES TRANSVERSAIS

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

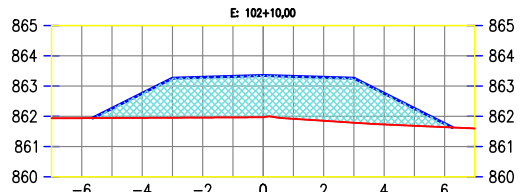
ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG

PRANCHA: **10 / 14**

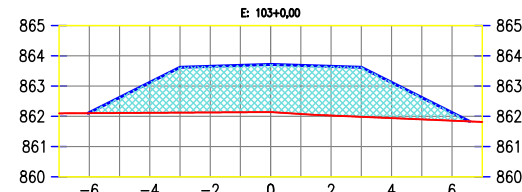
ESCALA: **1/250**



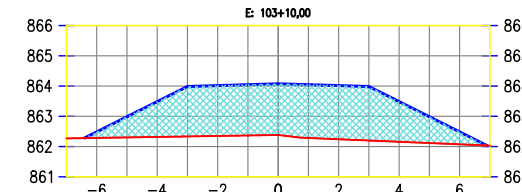
COTAS TN	861.75	861.76	861.76	861.77	861.77	861.78	861.78	861.95	861.98	861.73	861.55	861.48
COTAS PROJ.	861.90	862.40	862.90	862.90	862.96	862.96	862.99	862.96	862.93	862.90	862.40	861.90
COTAS VERM.	0.14	0.63	1.13	1.15	1.18	1.20	1.01	1.05	1.17	0.79	0.35	



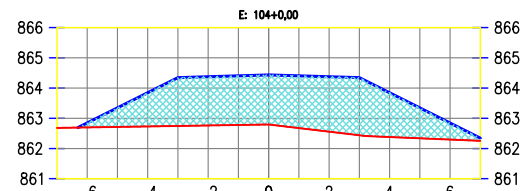
COTAS TN	861.94	861.94	861.95	861.95	861.96	861.96	861.97	861.97	861.92	861.85	861.79	861.64
COTAS PROJ.	862.26	862.76	863.26	863.29	863.32	863.35	863.32	863.32	863.29	863.26	862.76	862.26
COTAS VERM.	0.32	0.81	1.31	1.33	1.36	1.38	1.40	1.44	1.47	1.03	0.57	0.12



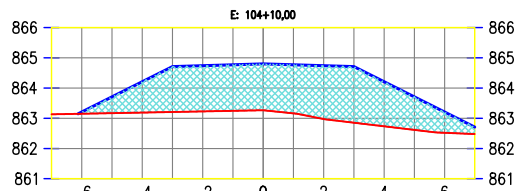
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COTAS PROJ.	862.62	863.12	863.62	863.65	863.68	863.71	863.68	863.65	863.62	863.12	862.62	862.12
COTAS VERM.	0.51	1.01	1.50	1.52	1.55	1.57	1.61	1.63	1.64	1.18	0.72	0.27



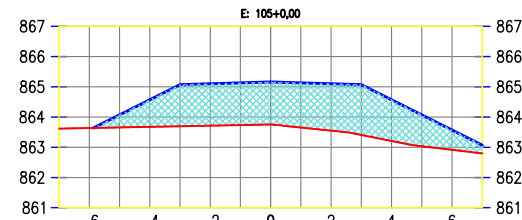
COTAS TN	862.28	862.30	862.32	862.33	862.35	862.37	862.38	862.28	862.24	862.20	862.16	862.07
COTAS PROJ.	862.48	862.98	863.48	863.98	864.01	864.04	864.07	864.04	864.01	863.98	863.48	862.98
COTAS VERM.	0.20	0.68	1.17	1.65	1.66	1.68	1.69	1.76	1.77	1.78	1.33	0.87



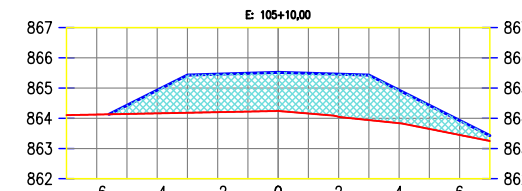
COTAS TN	862.70	862.71	862.73	862.74	862.76	862.78	862.79	862.87	862.86	862.44	862.38	862.29
COTAS PROJ.	863.34	863.84	864.34	864.84	864.37	864.40	864.43	864.40	864.37	863.84	863.34	862.84
COTAS VERM.	0.15	0.63	1.12	1.60	1.61	1.63	1.64	1.73	1.82	1.91	1.47	0.55



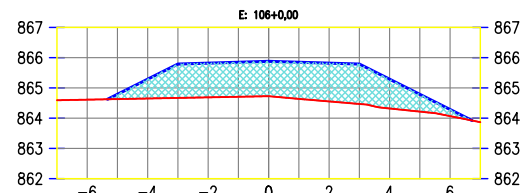
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COTAS PROJ.	863.71	864.21	864.71	865.21	865.71	866.21	866.71	867.21	867.71	868.21	868.71	869.21
COTAS VERM.	0.06	0.54	1.02	1.50	1.51	1.52	1.53	1.60	1.76	1.85	1.47	0.69



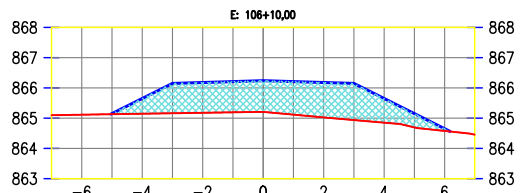
COTAS TN	863.63	863.65	863.67	863.69	863.71	863.73	863.75	863.65	863.55	863.41	863.21	862.91
COTAS PROJ.	864.07	864.57	865.07	865.57	866.07	866.57	867.07	867.57	868.07	868.57	869.07	869.57
COTAS VERM.	0.41	0.89	1.37	1.38	1.39	1.40	1.48	1.55	1.66	1.86	1.03	0.65



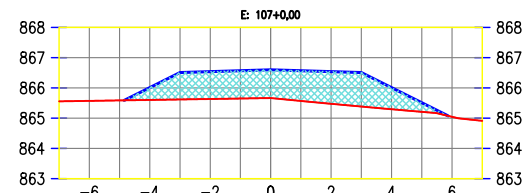
COTAS TN	864.12	864.14	864.16	864.18	864.20	864.22	864.24	864.16	864.10	864.04	863.94	863.84
COTAS PROJ.	864.43	864.93	865.43	865.93	866.43	866.93	867.43	867.93	868.43	868.93	869.43	869.93
COTAS VERM.	0.29	0.77	1.25	1.26	1.27	1.28	1.33	1.41	1.49	1.09	0.78	0.48



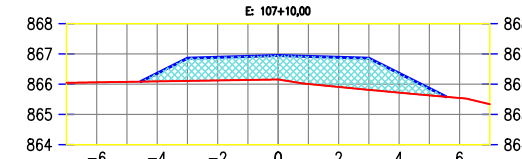
COTAS TN	864.61	864.63	864.65	864.67	864.69	864.71	864.73	864.64	864.55	864.47	864.32	864.22
COTAS PROJ.	865.29	865.79	866.29	866.79	867.29	867.79	868.29	868.79	869.29	869.79	869.29	868.79
COTAS VERM.	0.16	0.64	1.12	1.13	1.14	1.15	1.21	1.26	1.32	1.37	0.57	0.22



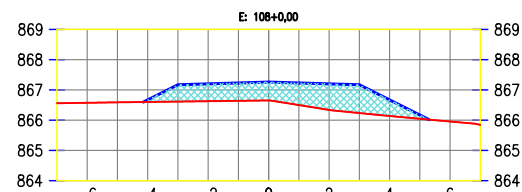
COTAS TN	865.12	865.13	865.15	865.16	865.18	865.19	865.21	865.12	865.03	864.94	864.85	864.70
COTAS PROJ.	865.65	866.15	866.65	867.15	867.65	868.15	868.65	869.15	869.65	869.15	868.65	868.15
COTAS VERM.	0.02	0.50	0.99	1.00	1.02	1.03	1.09	1.15	1.21	1.26	0.80	0.45



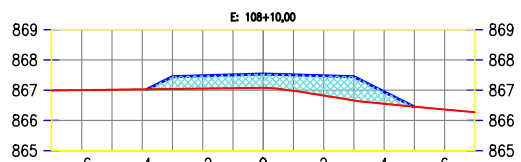
COTAS TN	865.57	865.59	865.60	865.62	865.64	865.65	865.67	865.57	865.48	865.39	865.30	865.21
COTAS PROJ.	866.01	866.51	867.01	867.51	868.01	868.51	869.01	869.51	869.01	868.51	868.01	867.51
COTAS VERM.	0.41	0.89	0.91	0.92	0.94	1.00	1.07	1.13	1.13	0.72	0.30	0.30



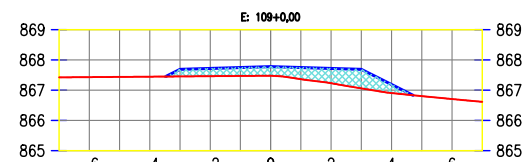
COTAS TN	866.06	866.08	866.09	866.11	866.12	866.14	866.16	866.01	865.91	865.81	865.72	865.63
COTAS PROJ.	866.36	866.86	867.36	867.86	868.36	868.86	869.36	869.86	869.36	868.86	868.36	867.86
COTAS VERM.	0.27	0.75	0.76	0.76	0.78	0.79	0.91	0.98	1.05	0.64	0.23	0.23



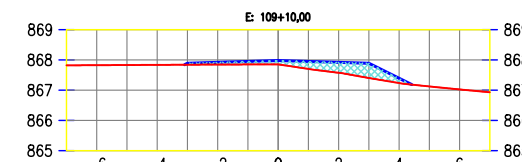
COTAS TN	866.57	866.59	866.60	866.61	866.63	866.64	866.65	866.50	866.34	866.24	866.14	866.05
COTAS PROJ.	867.17	867.67	868.17	868.67	869.17	869.67	870.17	870.67	871.17	871.67	872.17	872.67
COTAS VERM.	0.07	0.56	0.57	0.59	0.61	0.73	0.86	0.94	0.53	0.12	0.12	0.12



COTAS TN	867.00	867.02	867.03	867.04	867.05	867.07	867.08	866.98	866.82	866.66	866.55	866.45
COTAS PROJ.	867.45	867.95	868.45	868.95	869.45	869.95	870.45	870.95	871.45	871.95	872.45	872.95
COTAS VERM.	0.41	0.42	0.44	0.46	0.53	0.65	0.79	0.40	0.40	0.40	0.40	0.40

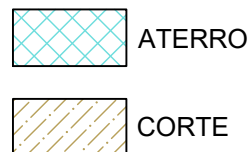


COTAS TN	867.43	867.44	867.45	867.46	867.47	867.48	867.48	867.36	867.23	867.06	866.90	866.71
COTAS PROJ.	867.69	867.72	867.75	867.78	867.81	867.84	867.87	867.90	867.93	867.96	867.99	868.02
COTAS VERM.	0.23	0.25	0.28	0.30	0.38	0.49	0.63	0.28	0.28	0.28	0.28	0.28



COTAS TN	867.83	867.83	867.84	867.85	867.85	867.85	867.70	867.57	867.40	867.24	867.12	867.02
COTAS PROJ.	868.33	868.83	869.33	869.83	870.33	870.83	871.33	871.83	872.33	872.83	873.33	873.83
COTAS VERM.	0.05	0.07	0.10	0.13	0.25	0.35	0.49	0.16	0.16	0.16	0.16	0.16

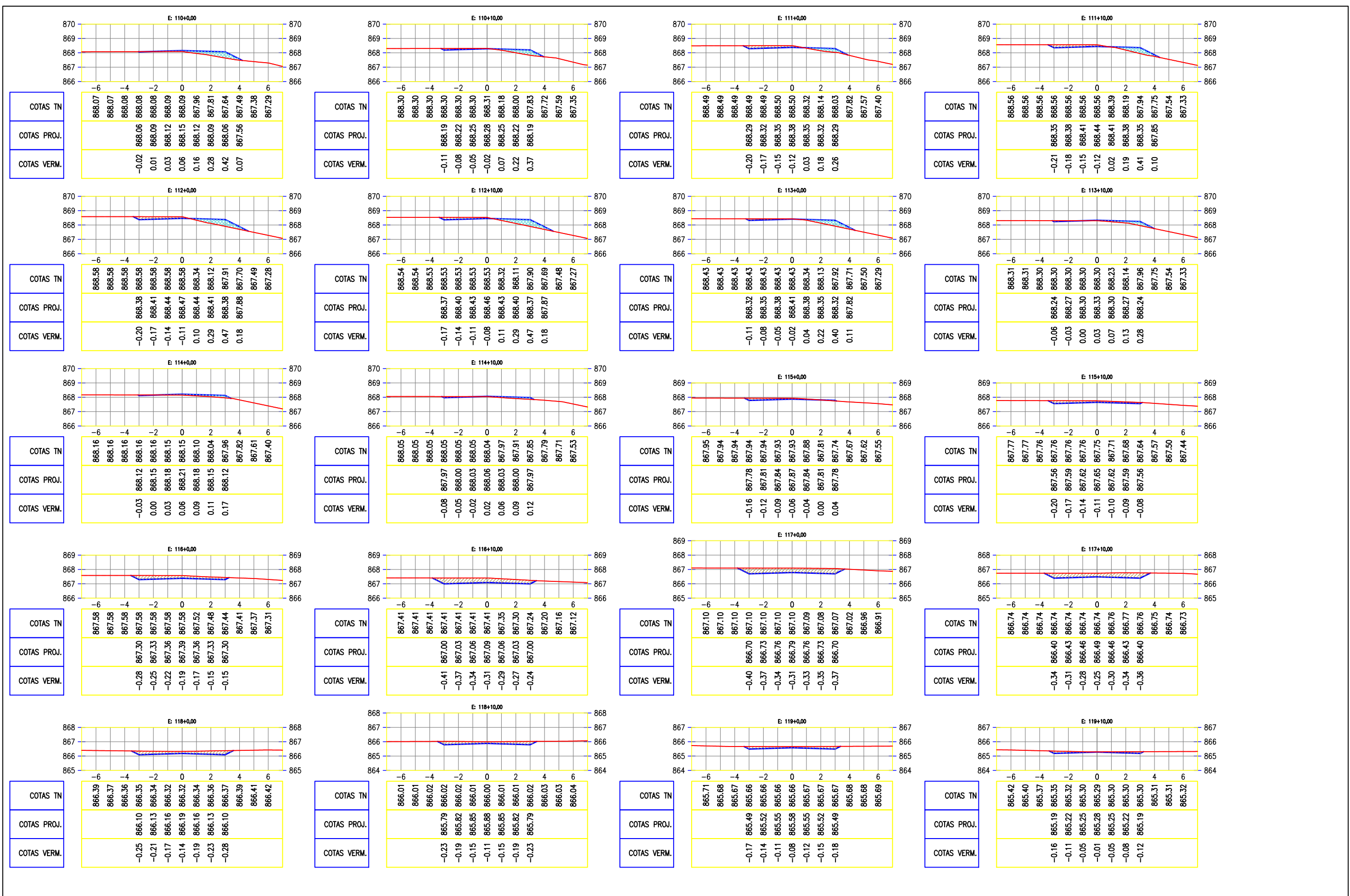
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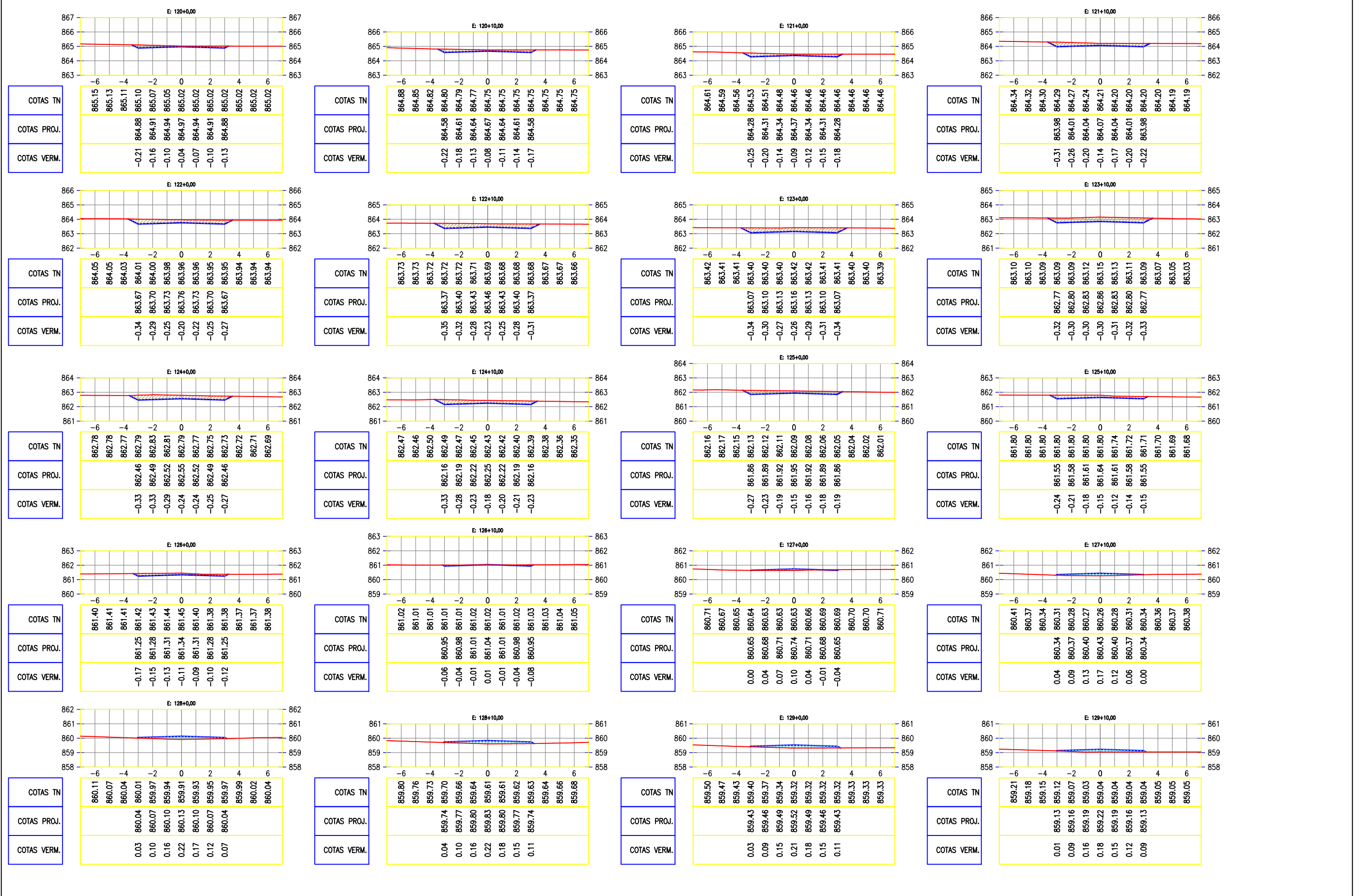
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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		11 / 14
SEÇÕES TRANSVERSAIS		ESCALA:
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	1/250
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	



LEGENDA: ATERRO CORTE	 JOTA BARROS PROJETOS Arthur Moreira Torquato Engº Civil - CREA 53900D - CE	PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03 SEÇÕES TRANSVERSAIS	PRANCHA: 12 / 14		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">PROJETISTA:</td> <td>ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE</td> </tr> <tr> <td>ARQUIVO:</td> <td>18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG</td> </tr> </table>	PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE				
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG				



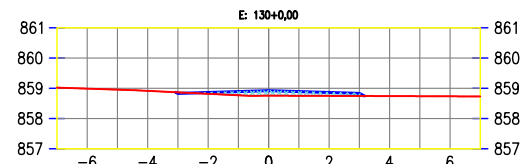
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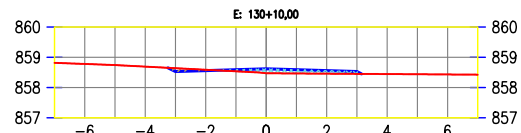
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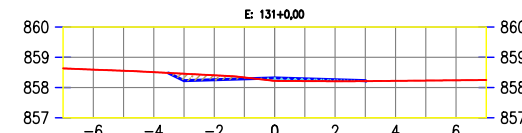
PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		13 / 14
SEÇÕES TRANSVERSAIS		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA:
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG	1/250



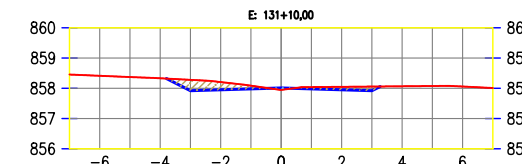
COTAS TN	858.99	858.95	858.91	858.86	858.82	858.77	858.75	858.75	858.74	858.74	858.73
COTAS PROJ.				858.83	858.86	858.89	858.92	858.89	858.86	858.83	858.74
COTAS VERM.				-0.03	0.04	0.12	0.16	0.14	0.11	0.09	



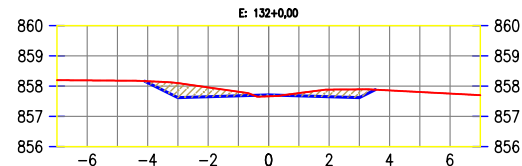
COTAS TN	858.78	858.74	858.69	858.64	858.59	858.53	858.47	858.46	858.46	858.45	858.44	858.43
COTAS PROJ.				858.53	858.56	858.59	858.62	858.59	858.56	858.53	858.44	858.43
COTAS VERM.				-0.11	-0.03	0.05	0.15	0.12	0.10	0.08		



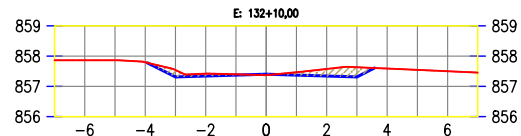
COTAS TN	858.59	858.55	858.51	858.45	858.40	858.33	858.22	858.21	858.20	858.21	858.22	858.23	858.24
COTAS PROJ.				858.22	858.25	858.40	858.31	858.28	858.21	858.22	858.22	858.23	858.24
COTAS VERM.				-0.23	-0.15	-0.05	0.10	0.07	0.05	0.01			



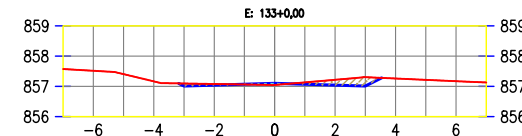
COTAS TN	858.41	858.37	858.33	858.28	858.20	858.08	857.94	858.04	858.05	858.06	858.06	858.07	858.06
COTAS PROJ.				857.92	857.95	857.98	858.01	857.98	858.04	857.92	858.06	858.07	858.06
COTAS VERM.				-0.36	-0.25	-0.10	0.07	-0.06	-0.10	-0.13			



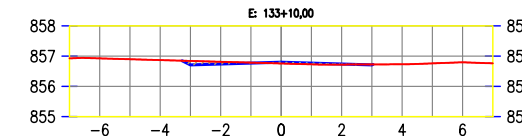
COTAS TN	858.19	858.18	858.16	858.10	857.96	857.81	857.66	857.77	857.89	857.89	857.86	857.81	857.75
COTAS PROJ.				858.12	857.65	857.68	857.71	857.68	857.65	857.62	857.86	857.81	857.75
COTAS VERM.				-0.04	-0.48	-0.31	-0.14	0.04	-0.09	-0.24	-0.28		



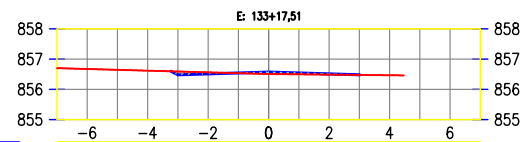
COTAS TN	857.86	857.87	857.80	857.54	857.42	857.40	857.37	857.47	857.58	857.63	857.59	857.55	857.50
COTAS PROJ.				857.32	857.35	857.38	857.41	857.38	857.35	857.32	857.59	857.55	857.50
COTAS VERM.				-0.23	-0.08	-0.02	0.03	-0.09	-0.23	-0.32			



COTAS TN	857.52	857.41	857.17	857.10	857.08	857.06	857.05	857.13	857.22	857.30	857.26	857.22	857.17
COTAS PROJ.				857.01	857.04	857.07	857.10	857.07	857.04	857.01	857.26	857.22	857.17
COTAS VERM.				-0.08	-0.04	0.01	0.06	-0.06	-0.18	-0.29			



COTAS TN	856.93	856.90	856.87	856.84	856.81	856.79	856.76	856.73	856.72	856.73	856.73	856.76	856.80
COTAS PROJ.				856.71	856.74	856.77	856.80	856.77	856.74	856.71	856.73	856.76	856.80
COTAS VERM.				-0.13	-0.07	-0.02	0.04	0.04	0.02	-0.02			



COTAS TN	856.67	856.64	856.62	856.59	856.56	856.53	856.51	856.49	856.48	856.47	856.46	
COTAS PROJ.				856.54	856.57	856.51	856.54	856.48	856.47	856.46		
COTAS VERM.				-0.11	-0.05	0.01	0.07	0.05	0.03	0.01		

LEGENDA:

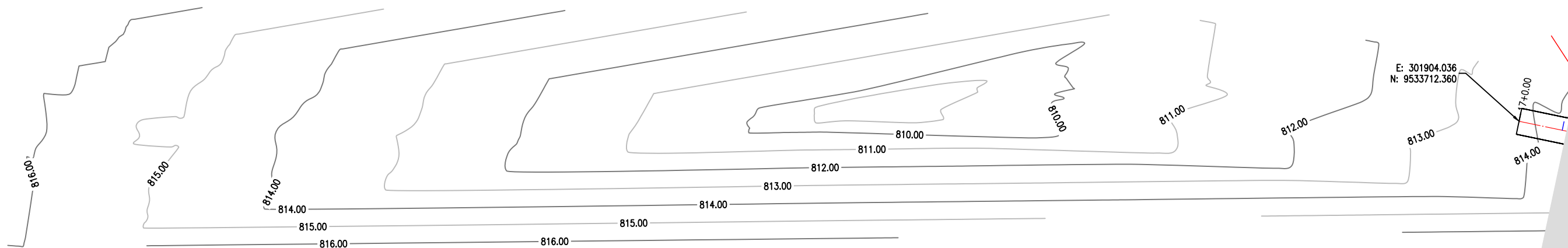
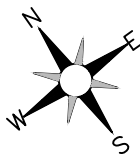


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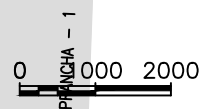
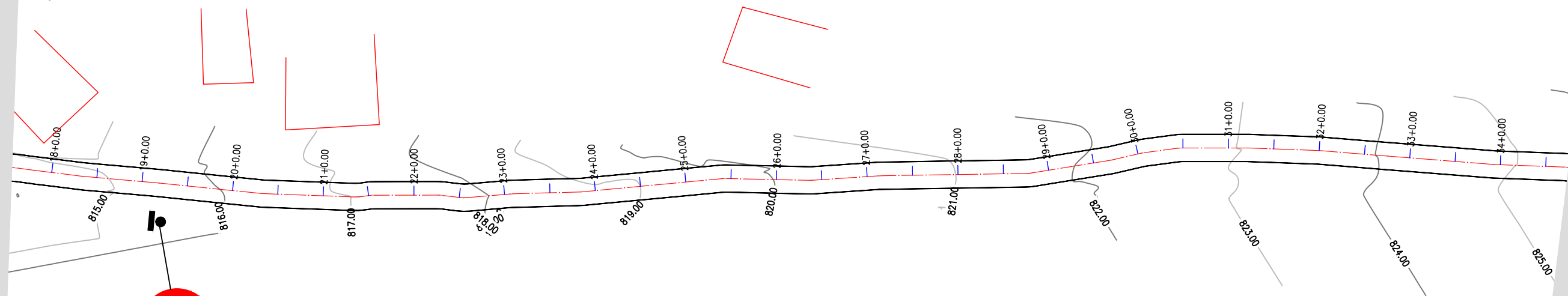
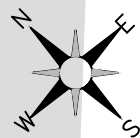
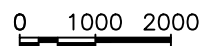


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SEÇÕES TRANSVERSAIS	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SEÇÕES_R1.DWG

PRANCHA:	14 / 14
ESCALA:	1/250



E: 301904.036
N: 9533712.360




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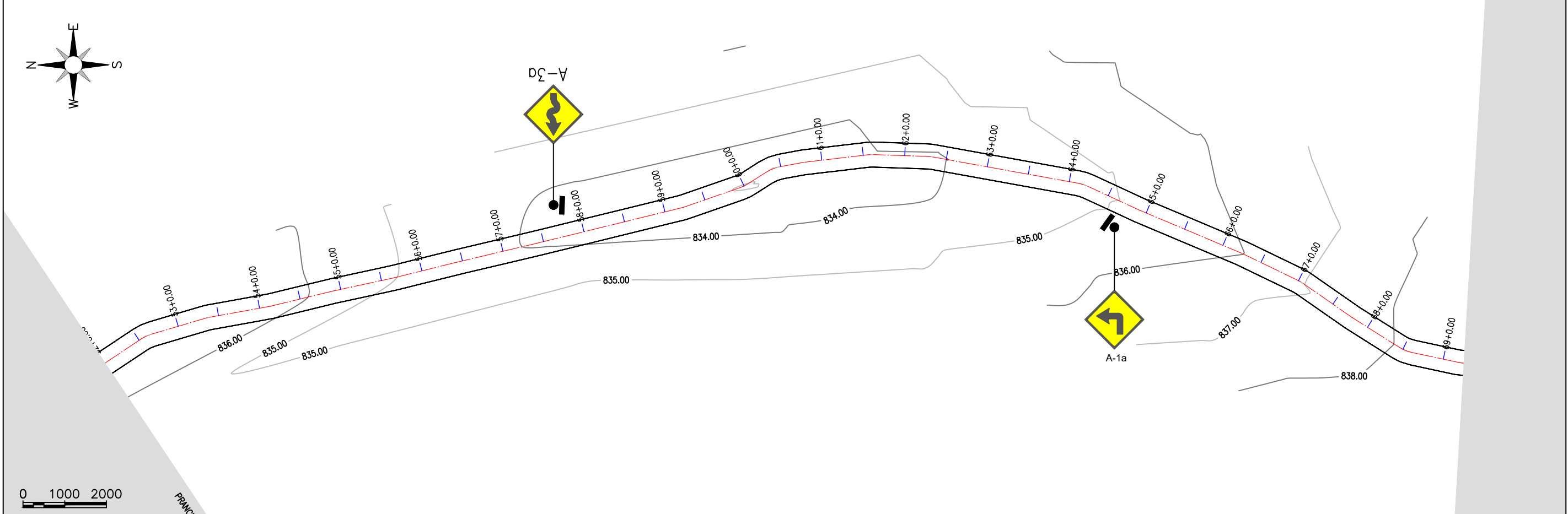
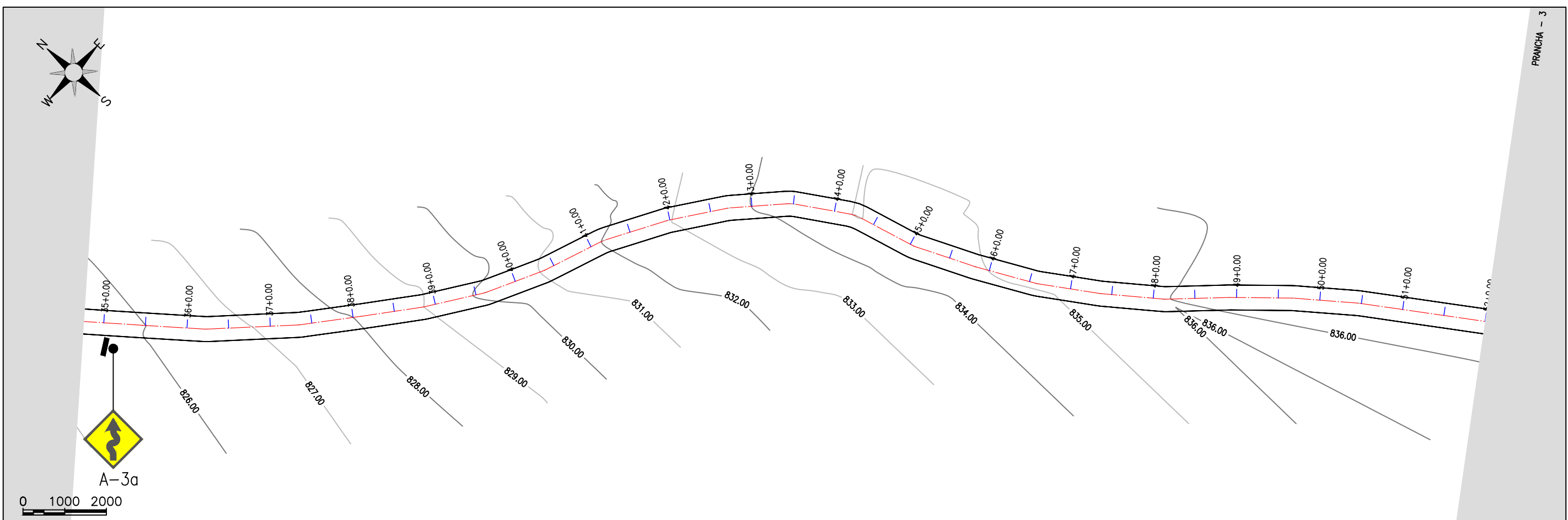


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA
DO NORTE-CE - PT 1086270-03

PRANCHA:
1 / 05

SINALIZAÇÃO VIÁRIA
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - SIN_R1.DWG

ESCALA:
1/1000



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 Arthur Moreira Torquato
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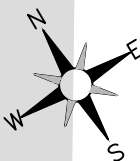


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03	
SINALIZAÇÃO VIÁRIA	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SIN_R1.DWG

PRANCHA:	2 / 05
ESCALA:	1/1000



0 1000 2000



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PRANCHA

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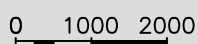
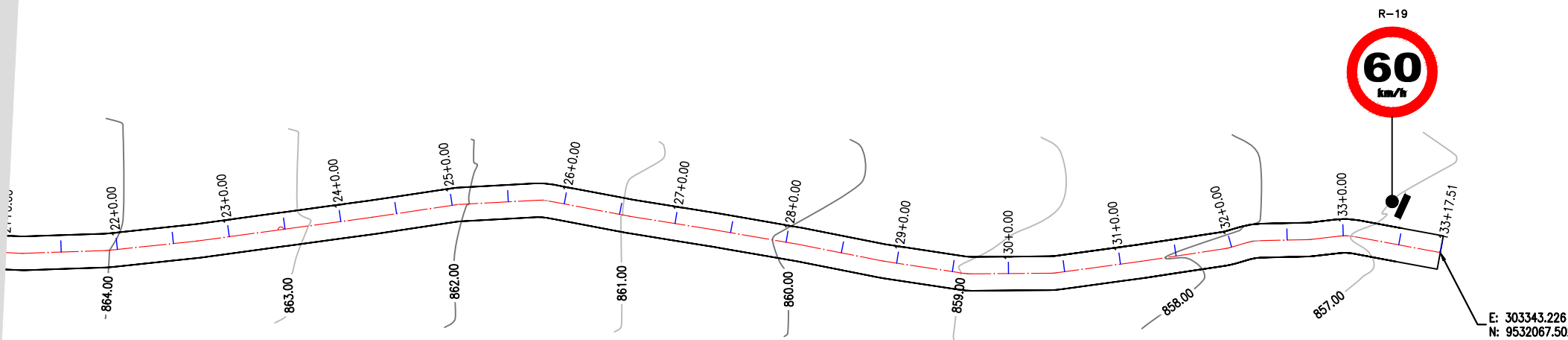
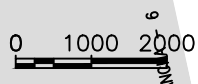
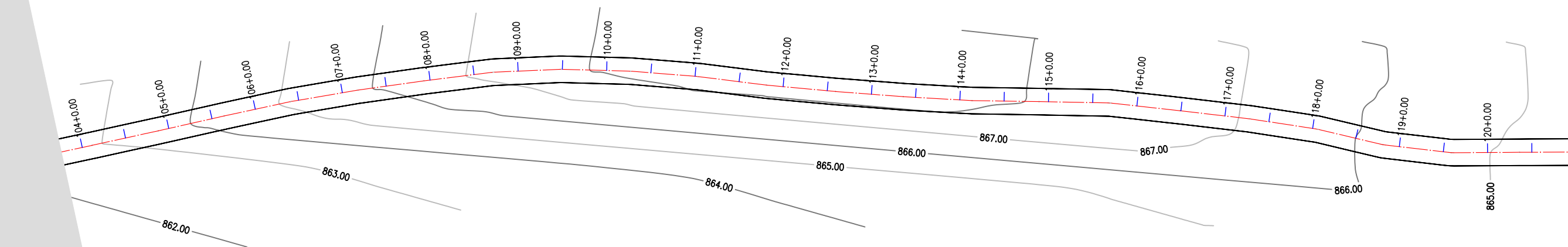
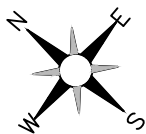


PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA
 DO NORTE-CE - PT 1086270-03

SINALIZAÇÃO VIÁRIA
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - SIN_R1.DWG

PRANCHA:
3 / 05

ESCALA:
 1/1000

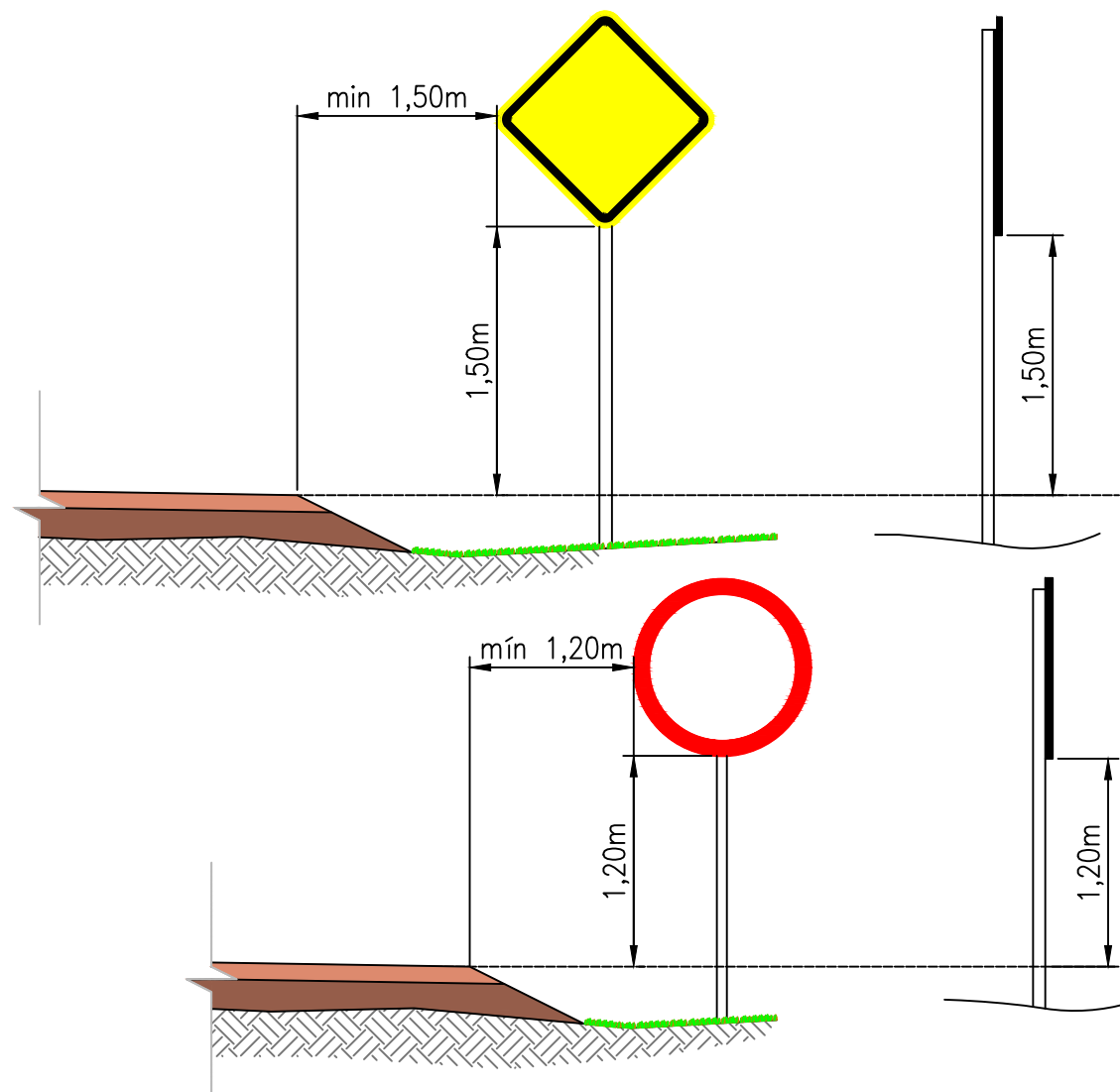


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PREFEITURA MUNICIPAL DE GUARACIABA DO NORTE		PRANCHA: 4 / 05
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE GUARACIABA DO NORTE-CE - PT 1086270-03		
SINALIZAÇÃO VIÁRIA		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/1000
ARQUIVO:	18- SÍTIO SÃO FELIX (VILA CAMPOS) - SIN_R1.DWG	

Posicionamento transversal



PLACAS DE ADVERTÊNCIA

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

NOTA 1:

As Placas Regulamentares tem as seguintes características:

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

PLACAS DE ADVERTÊNCIA

PLACAS	CÓDIGO	DIMENSÕES (m)	QUANTIDADE (un)
	A - 2a	0,80x0,80	01
	A - 2b	0,80x0,80	01
	A - 5a	0,80x0,80	02

NOTA 2:

As Placas de Advertência tem as seguintes características:

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

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 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:

5 / 05

SINALIZAÇÃO VIÁRIA

ESCALA:

SEM ESC

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

ARQUIVO: 18- SÍTIO SÃO FELIX (VILA CAMPOS) - SIN_R1.DWG