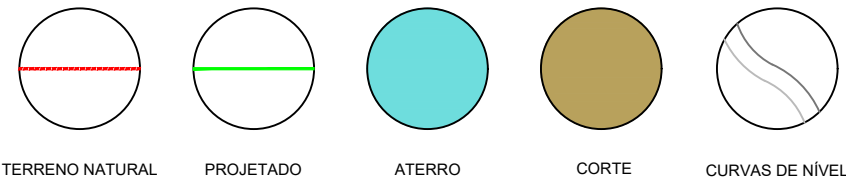


Estaca	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17
Cota do terreno	190,104	191,083	192,632	193,170	194,100	194,573	195,187	195,872	196,810	197,806	198,739	199,637	200,576	201,626	202,461	203,028	204,000	205,303	205,552
Cota da terraplenagem	190,104	191,102	192,100	193,098	194,051	194,916	195,737	196,558	197,379	198,200	199,021	199,842	200,663	201,484	202,303	203,013	204,034	205,442	205,723
Cota vermelha	0,000	0,009	-0,532	-0,072	-0,049	0,342	0,550	0,686	0,569	0,394	0,282	0,206	0,087	-0,142	-0,158	-0,015	0,034	0,139	0,171

LEGENDA:

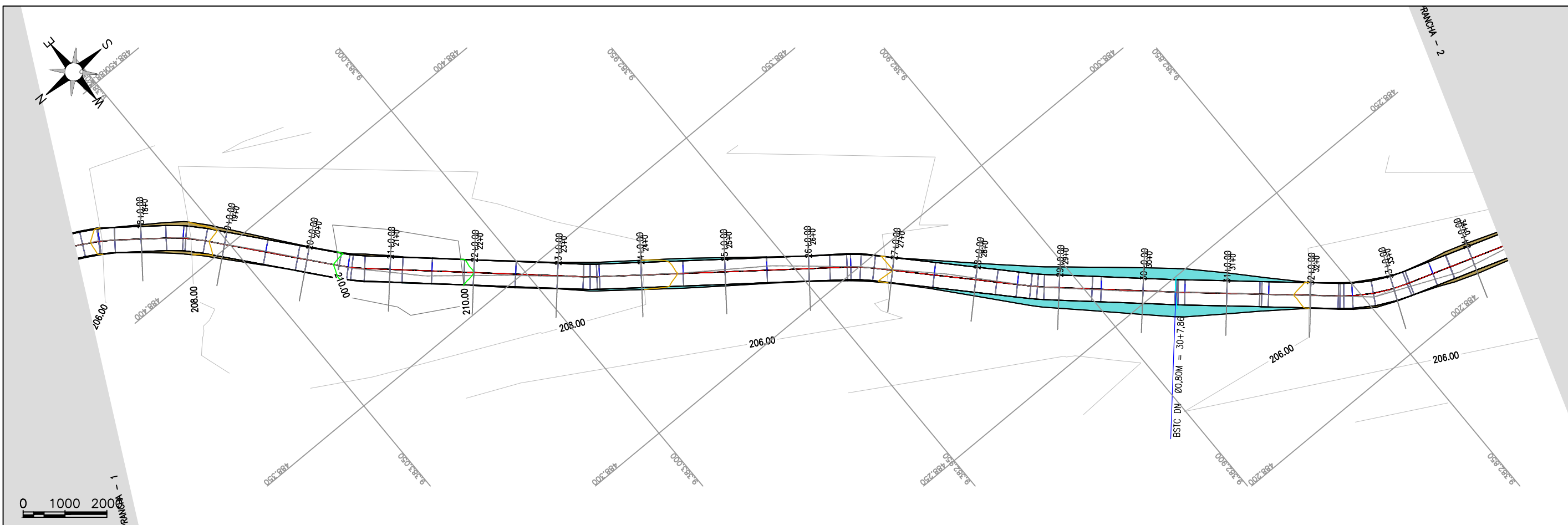



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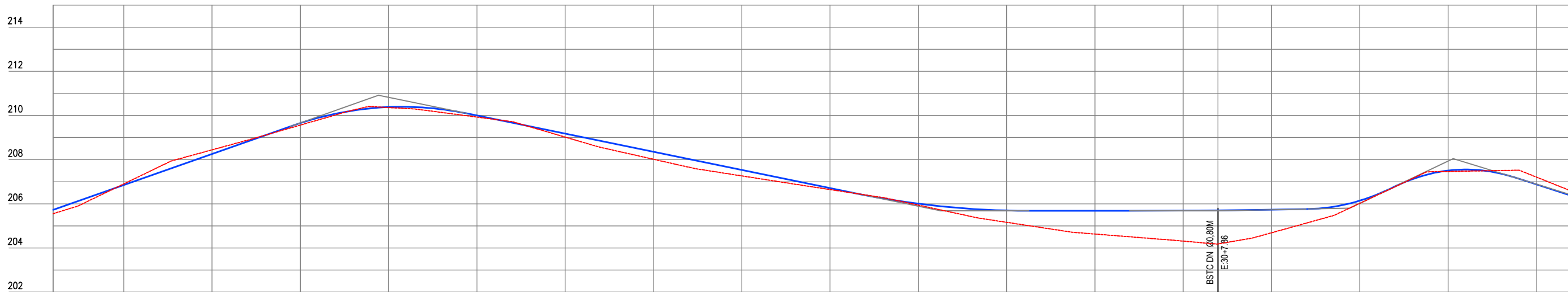


PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG

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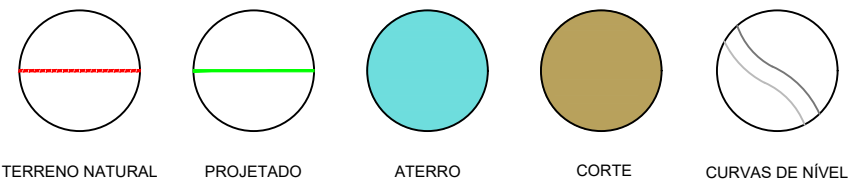


EIXO



Estaca	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Cota de terreno	205,552	206,800	208,443	209,565	210,360	209,929	209,021	208,018	207,264	206,647	205,940	205,162	204,631	204,311	204,688	206,024	207,464	207,210	206,570
Cota da terraplanagem	205,723	206,849	208,257	209,658	210,381	209,997	209,176	208,354	207,533	206,712	206,005	205,697	205,684	205,691	205,735	206,145	207,505	206,884	206,361
Cota vermelha	0,171	-0,050	-0,186	0,093	0,021	0,069	0,154	0,337	0,269	0,065	0,065	0,534	1,053	1,380	1,046	0,121	0,041	-0,326	-0,209

LEGENDA:



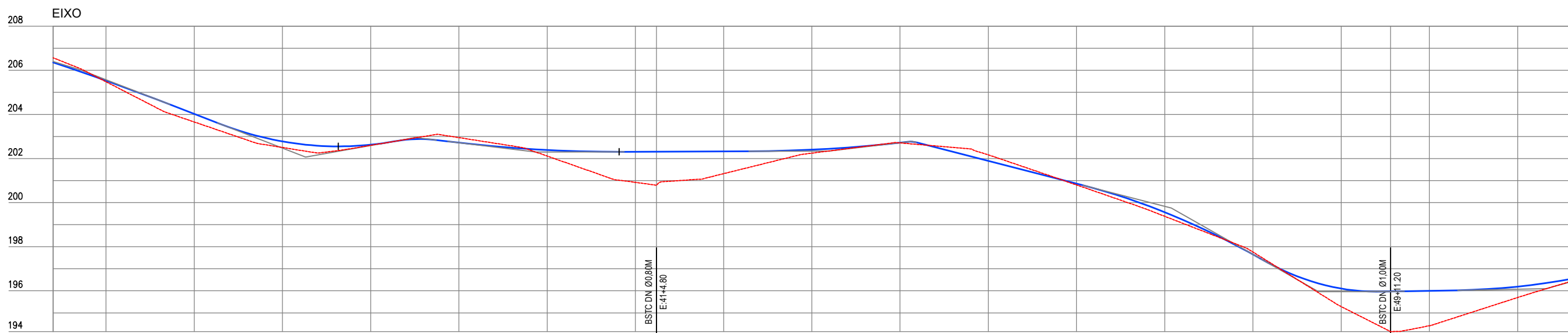
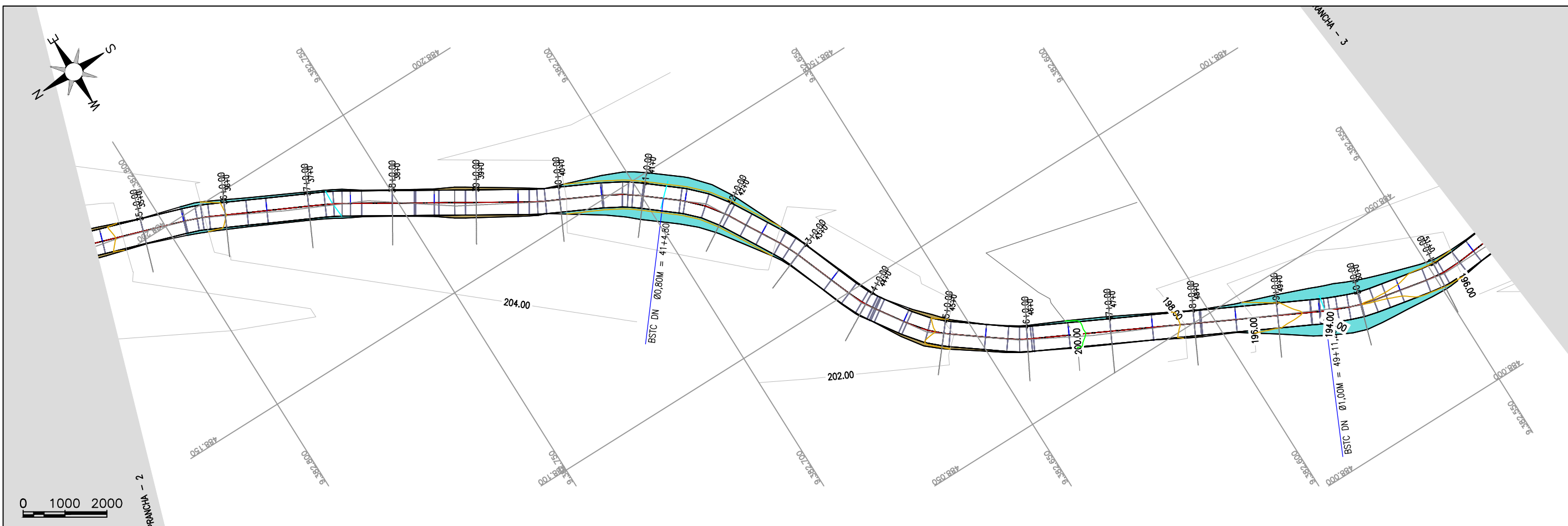

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PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

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Estaca	34	35	36	37	38	39	40	41	41+4,80	42	43	44	45	46	47	48	49	49+11,20	50	51	51
Cota da vermelha	-0,209	0,047	0,363	0,276	0,029	-0,231	0,277	1,388	1,523	1,009	0,156	0,009	-0,275	0,056	0,164	-0,110	0,814	1,818	1,581	0,495	0,086
Cota da terraplenagem	206,361	205,529	204,020	202,777	202,627	202,717	202,389	202,306	202,311	202,322	202,400	202,717	201,892	200,861	199,564	197,848	196,101	195,867	194,417	195,697	196,570
Cota do terreno	206,570	205,462	203,657	202,501	202,598	202,948	202,112	200,920	200,789	201,313	202,243	202,708	202,166	200,802	199,380	197,756	195,286	194,150	194,417	195,697	196,485

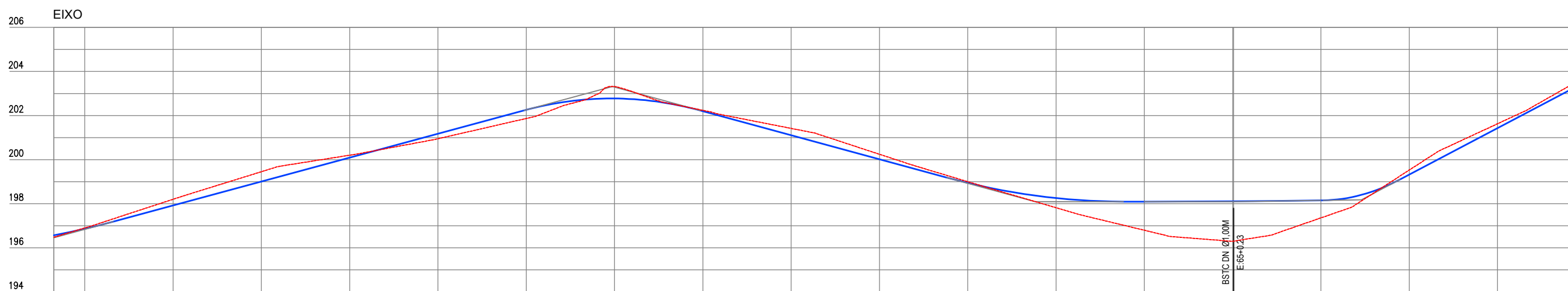
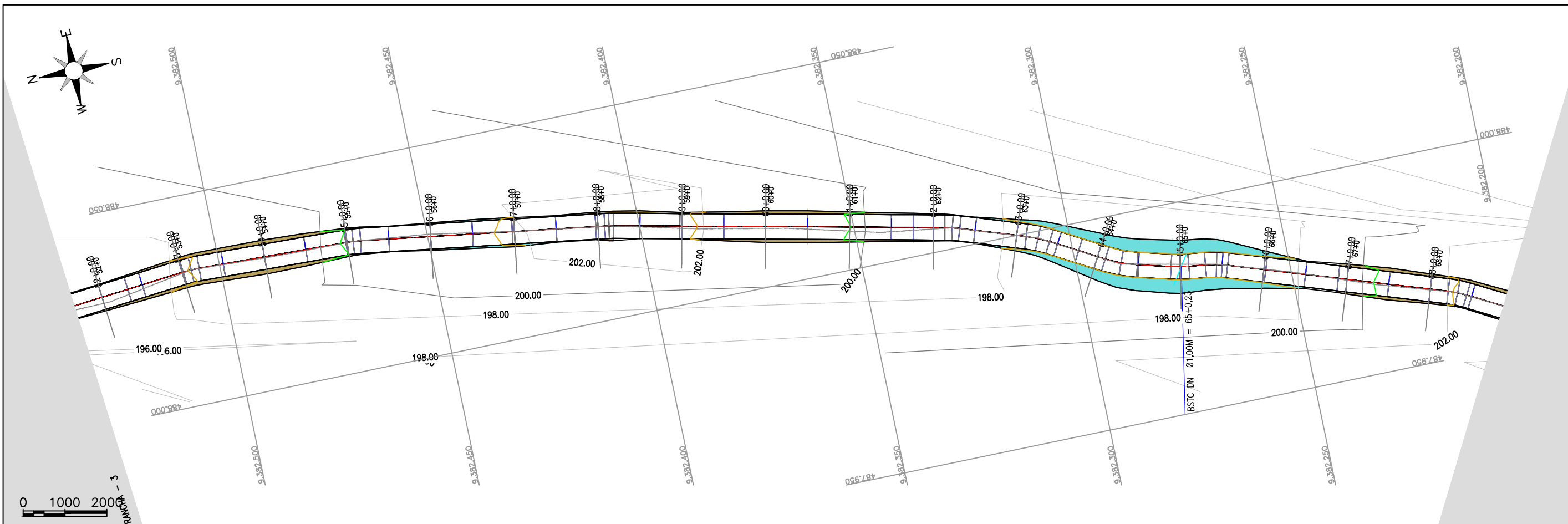
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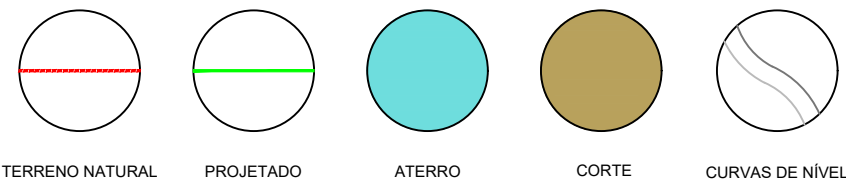
PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL
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Estaca	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65+0,23	66	67	68	68
Cota da terreno	196,485	196,904	196,204	195,454	200,202	200,948	201,869	203,314	202,239	201,419	200,245	199,002	197,820	196,800	196,265	197,359	199,528	201,528	203,542
Cota da terraplenagem	196,570	196,862	197,921	199,006	200,090	201,175	202,259	202,774	202,201	201,111	200,021	198,946	198,257	196,098	196,112	196,154	199,321	201,431	203,330
Cota vermelha	0,086	-0,041	-0,282	-0,448	-0,112	0,227	0,390	-0,541	-0,037	-0,308	-0,224	-0,056	0,437	1,298	1,848	0,795	-0,207	-0,197	-0,212

LEGENDA:

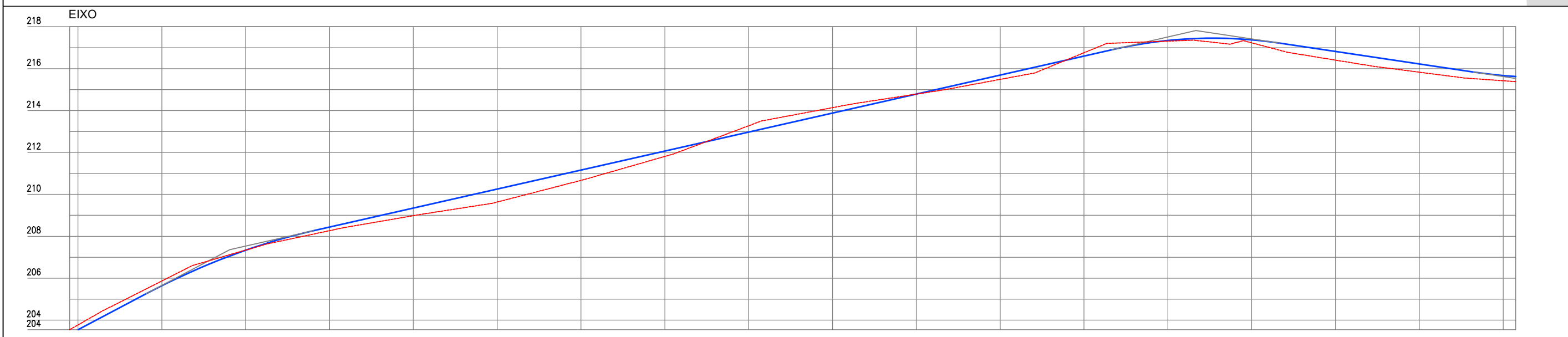
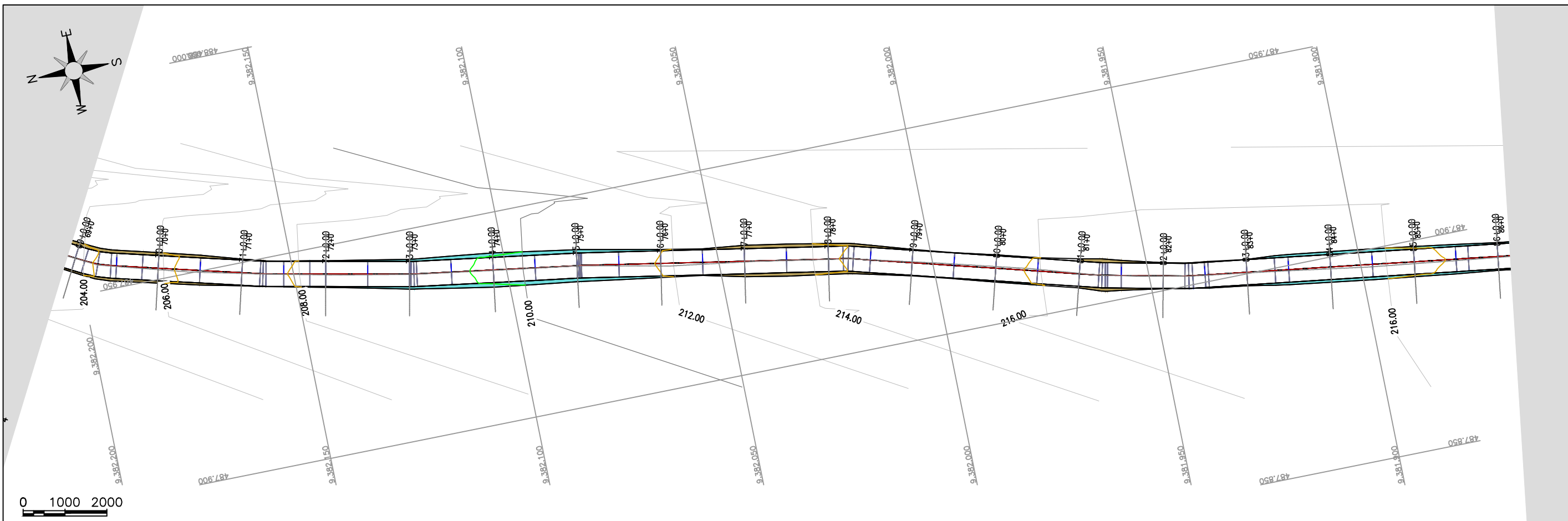


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PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
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Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
68	203.542	203.330	-0.212
69	203.770	203.541	-0.229
70	205.868	205.640	-0.227
71	207.341	207.335	-0.006
72	208.267	208.439	0.173
73	208.985	209.346	0.361
74	209.633	210.253	0.620
75	210.667	211.160	0.493
76	211.810	212.067	0.257
77	213.273	212.974	-0.299
78	214.137	213.881	-0.257
79	214.785	214.788	0.003
80	215.486	215.694	0.208
81	216.758	216.601	-0.156
82	217.312	217.342	0.030
83	217.232	217.374	0.142
84	216.406	216.819	0.414
85	215.829	216.222	0.393
86	215.421	215.669	0.248
86	215.378	215.625	0.246

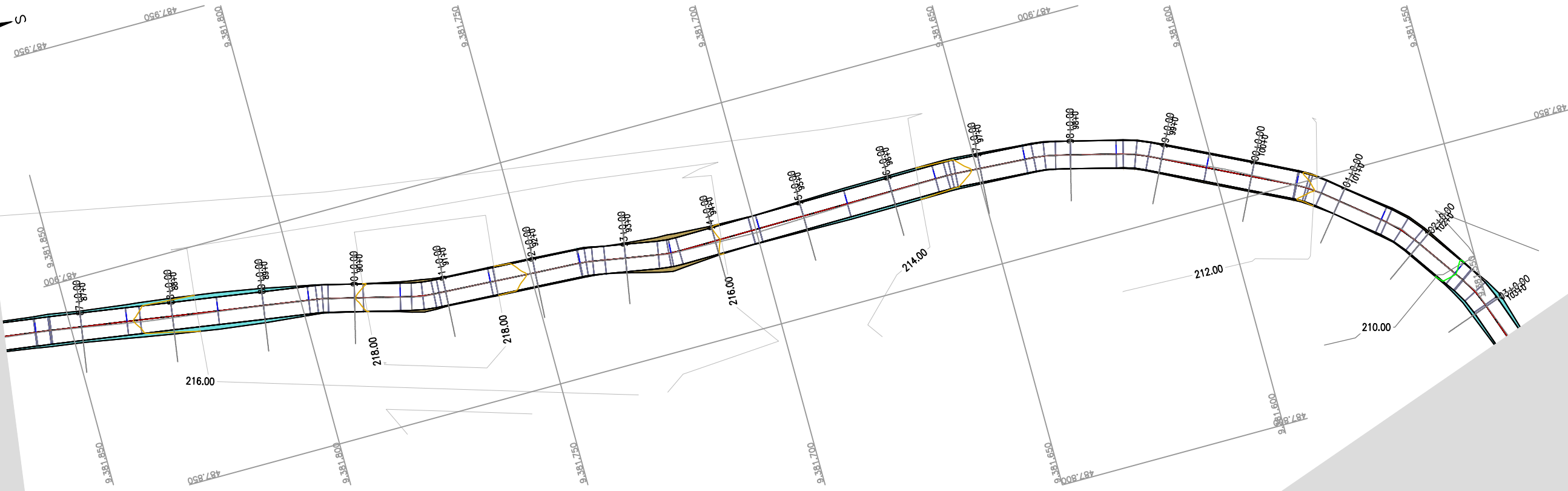
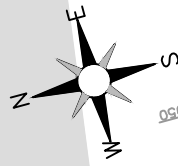
LEGENDA:

TERRENO NATURAL
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 ATERRO
 CORTE
 CURVAS DE NÍVEL

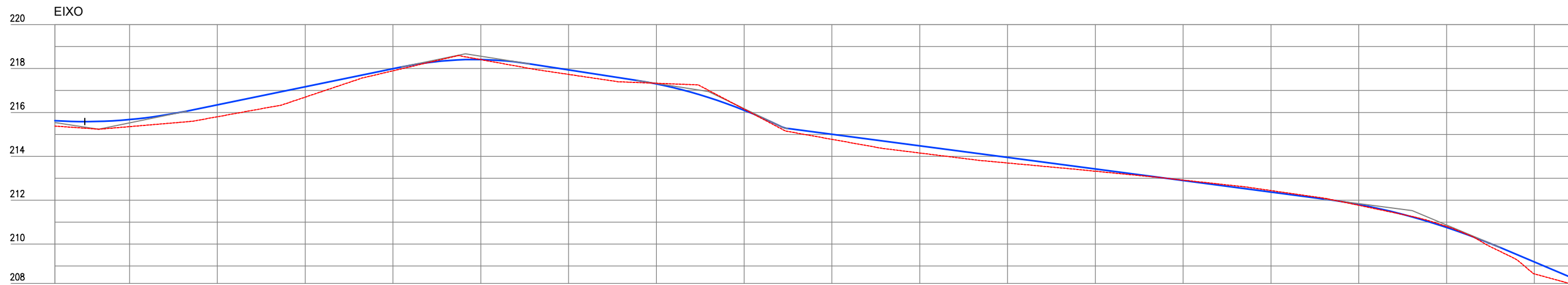
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PREFEITURA MUNICIPAL DE MILHÃ		PRANCHA: 5 / 25
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE		
ESTAQUEAMENTO E PERFIL LONGITUDINAL		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/1000
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG	



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	215,378	215,353	215,802	216,696	217,895	218,407	217,734	217,329	216,148	214,773	214,151	213,696	213,320	212,916	212,439	211,769	210,807	208,643	206,205
Cota da terraplenagem	215,625	215,676	216,348	217,169	217,990	218,407	217,939	217,299	216,100	215,001	214,475	213,950	213,424	212,899	212,374	211,804	210,762	209,186	206,512
Cota vermelha	0,246	0,323	0,546	0,473	0,095	0,000	0,206	-0,030	-0,048	0,227	0,325	0,254	0,104	-0,017	-0,065	0,035	-0,045	0,543	0,307

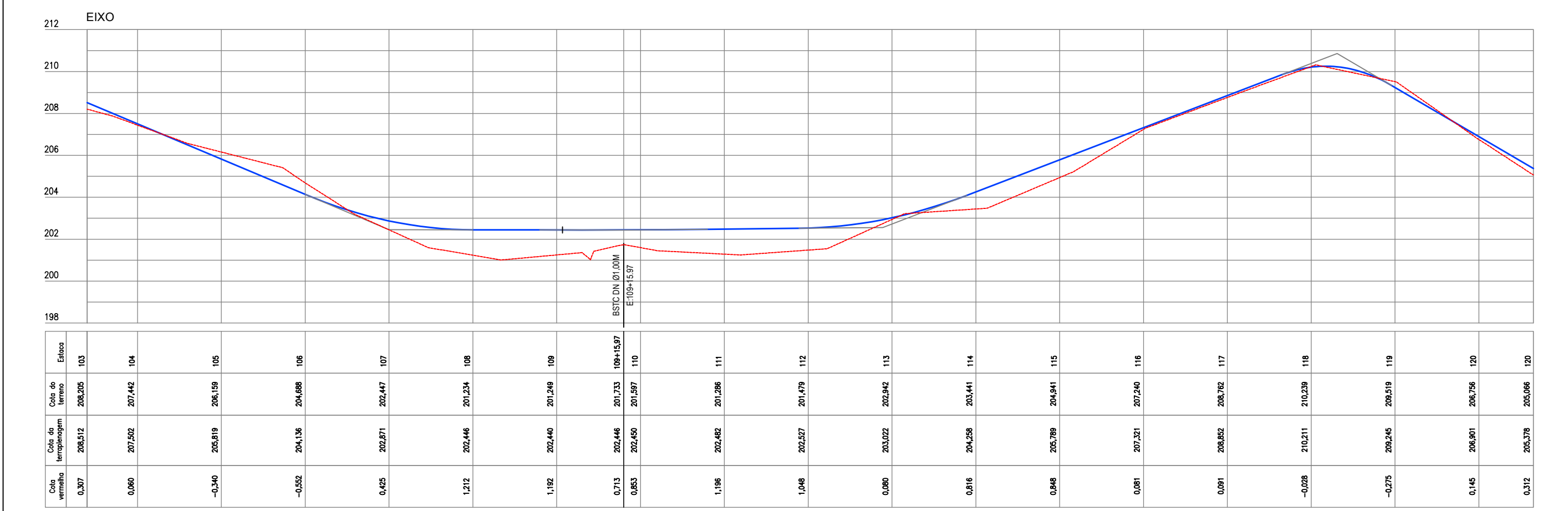
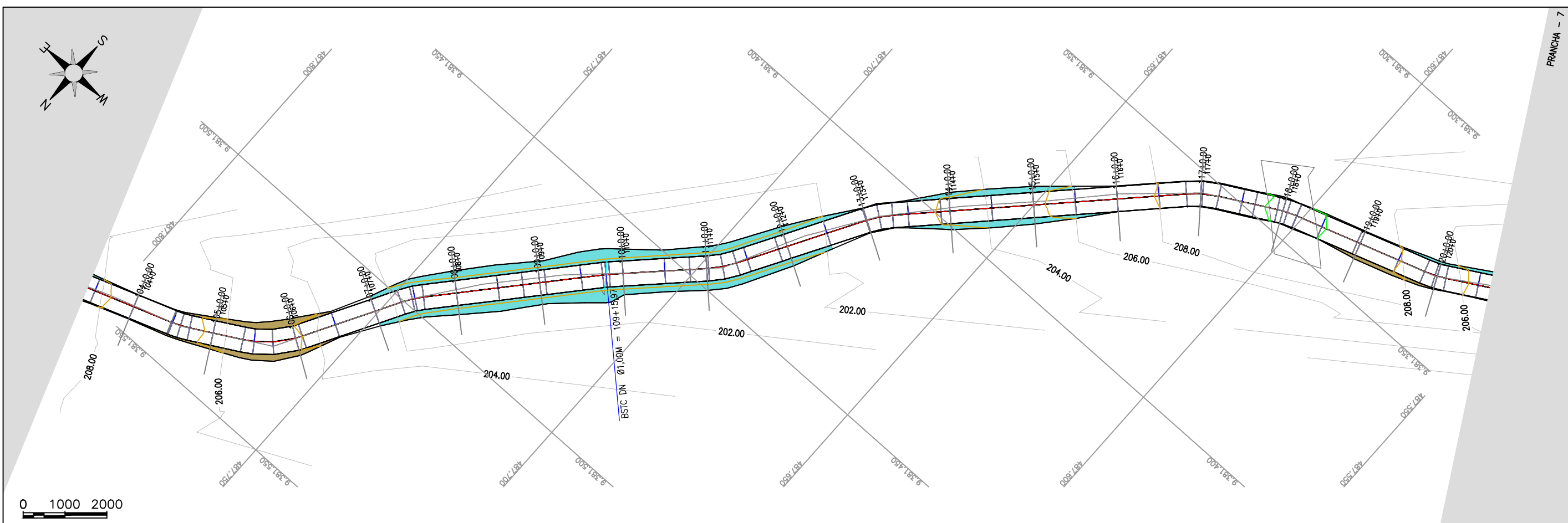
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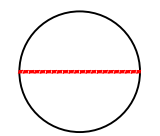
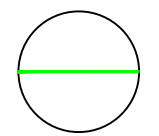
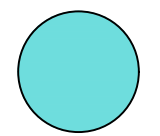

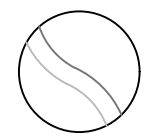



PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

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LEGENDA:

-  TERRENO NATURAL
-  PROJETADO
-  ATERRO
-  CORTE
-  CURVAS DE NÍVEL



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



JOTA BARROS PROJETOS

PREFEITURA MUNICIPAL DE MILHÃ

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

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

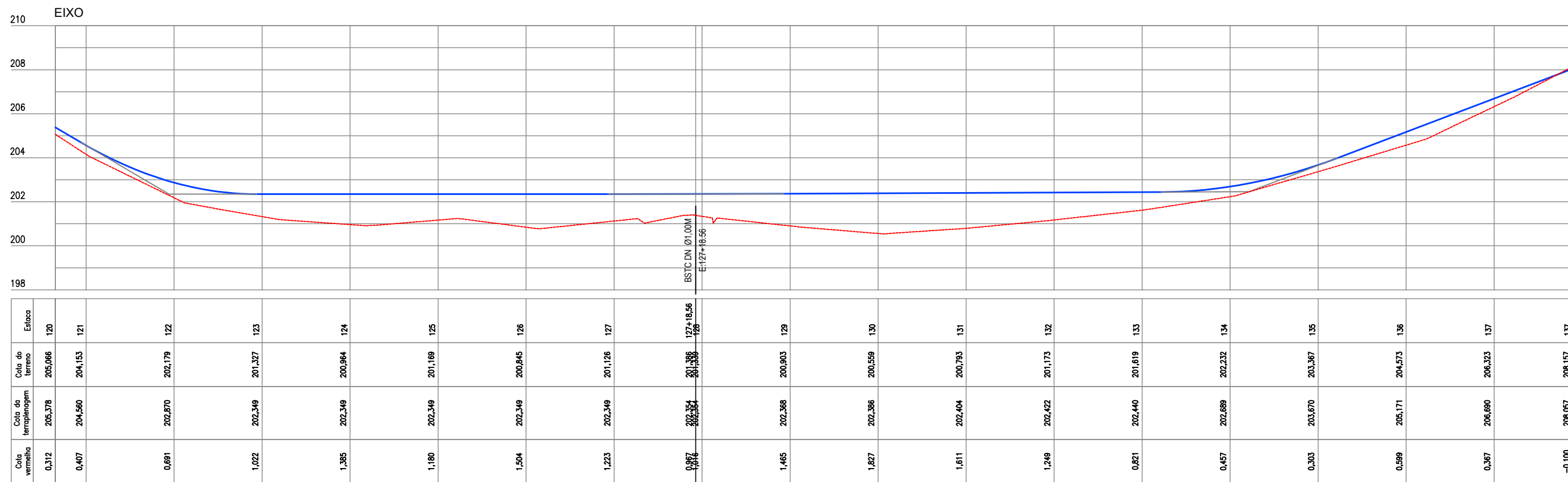
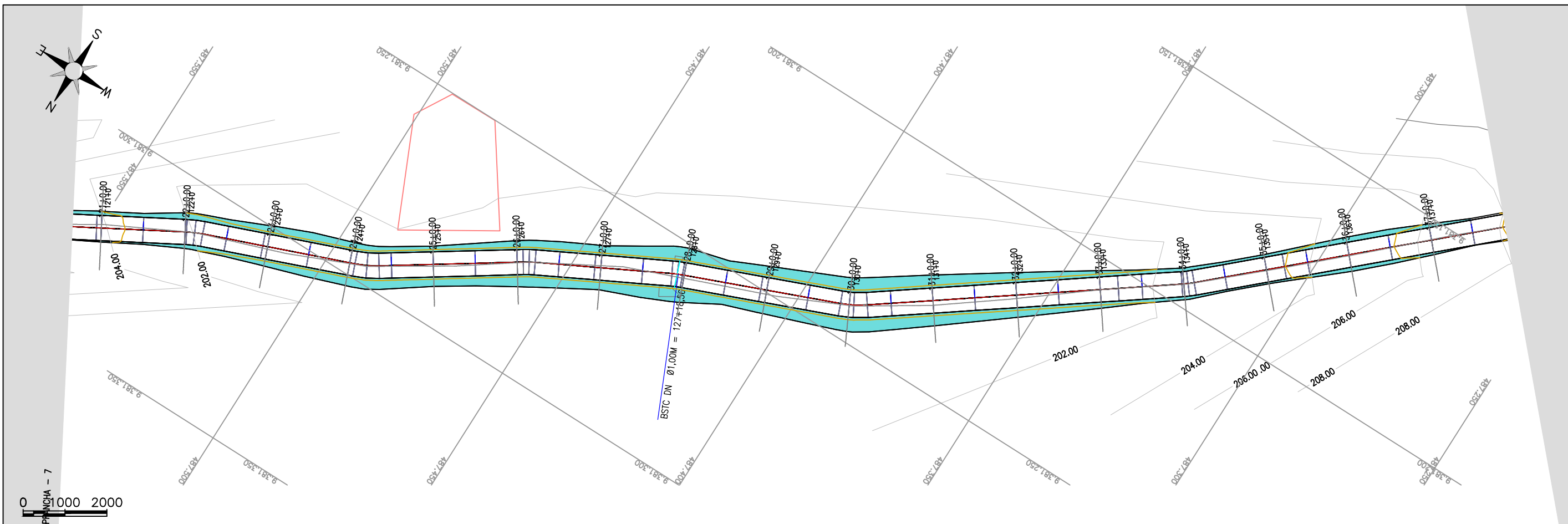
ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:

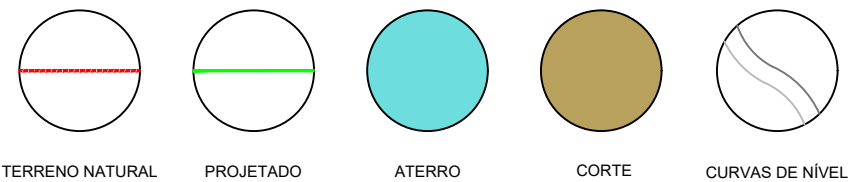
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ESCALA:

1/1000



LEGENDA:

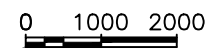
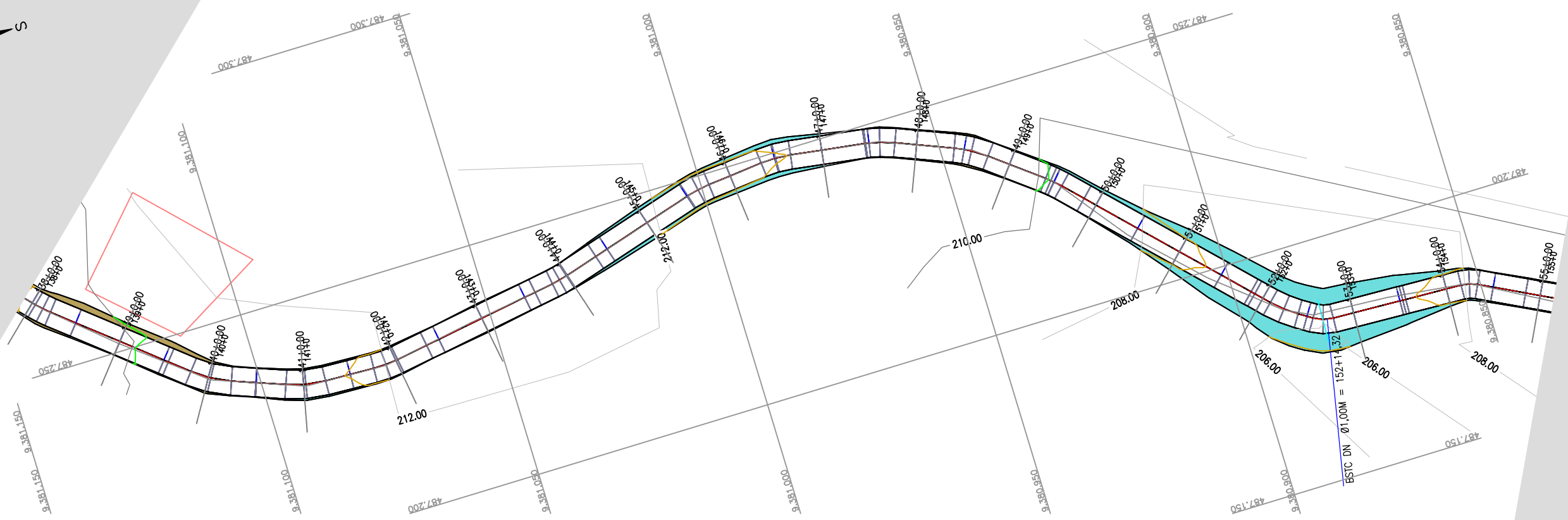
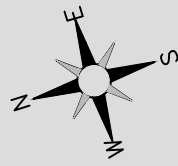


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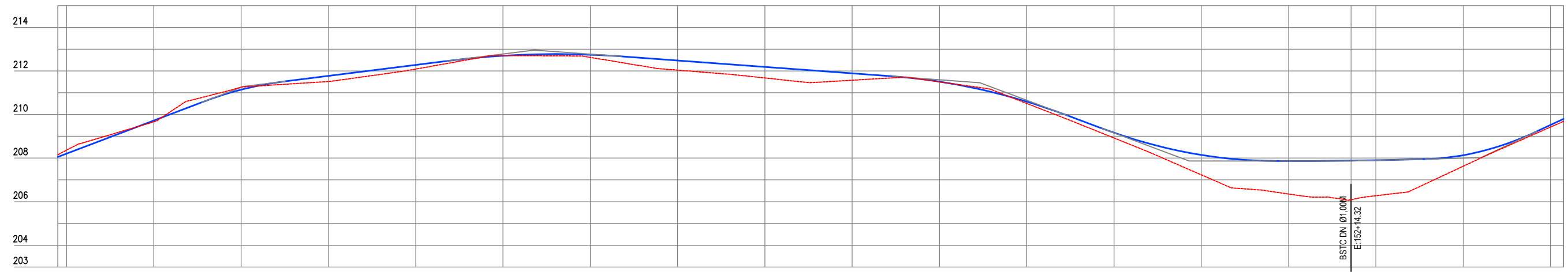


PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG

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 ESCALA:
 1/1000



EIXO



Estaca	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	152+14,32	153	154	155	
Cota de terreno	208,157	208,385	209,667	211,257	211,515	212,065	212,710	212,622	212,037	211,678	211,574	211,498	210,509	208,922	207,232	206,351	206,088	206,272	207,623	209,423	209,689
Cota de terraplenagem	208,057	208,209	209,728	211,139	211,777	212,278	212,686	212,745	212,477	212,184	211,890	211,510	210,591	209,163	208,143	207,866	207,887	207,905	208,132	209,518	209,801
Cota vermelha	-0,100	-0,176	0,080	-0,118	0,261	0,193	-0,012	0,123	0,440	0,506	0,317	0,012	0,082	0,241	0,911	1,515	1,799	1,632	0,508	0,095	0,112

LEGENDA:

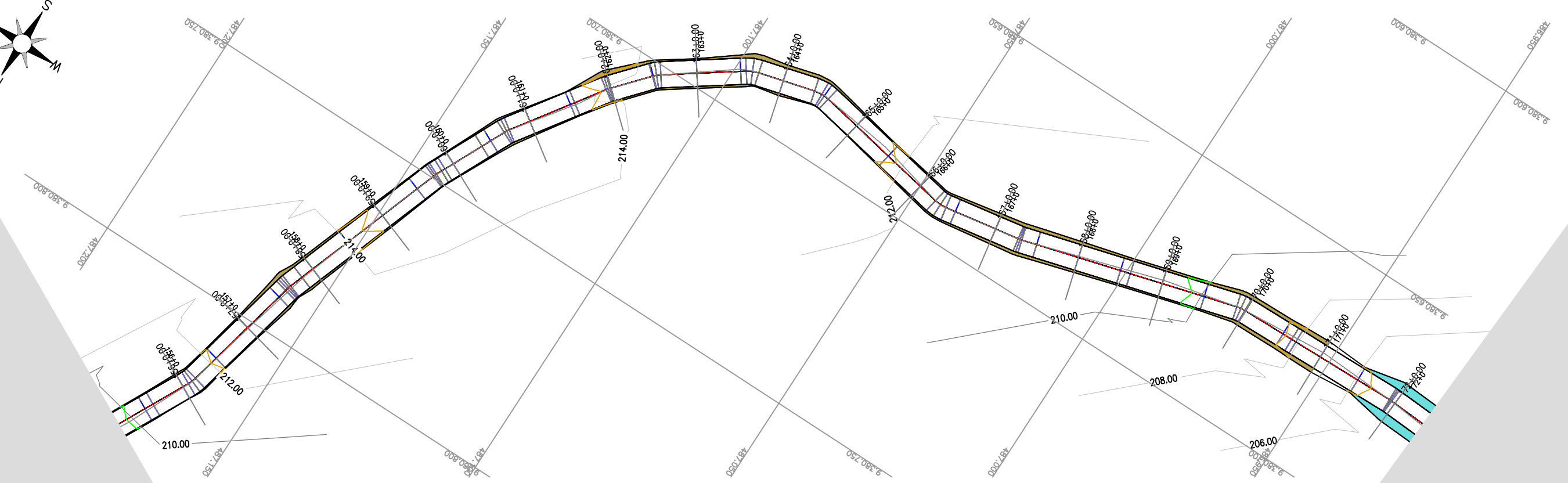
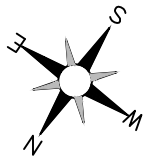
TERRENO NATURAL
 PROJETADO
 ATERRO
 CORTE
 CURVAS DE NÍVEL

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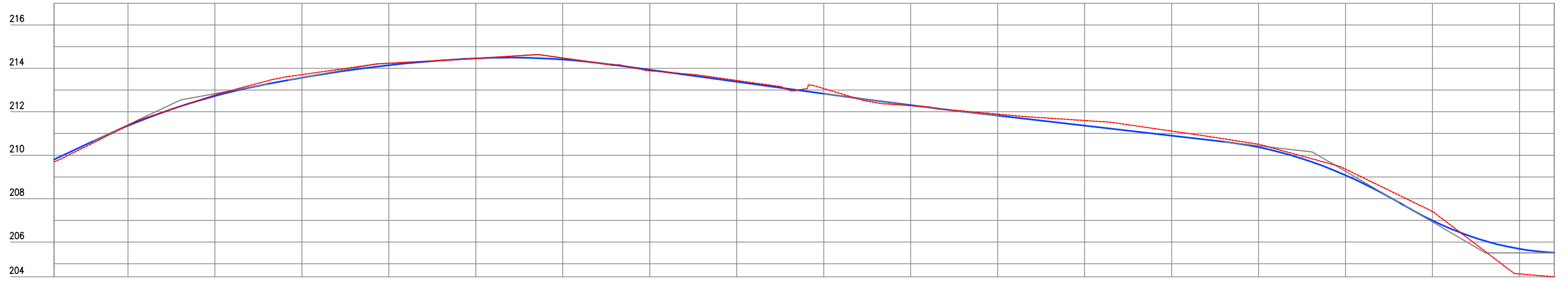
PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:	9 / 25
ESCALA:	1/1000



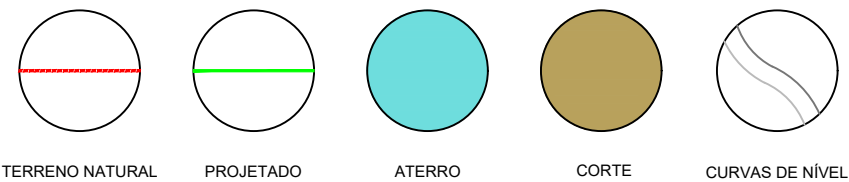
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EIXO



Estaca	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	
Cota do terreno	209,689	211,370	212,777	213,711	214,234	214,451	214,471	213,889	213,441	213,070	212,282	211,892	211,586	211,113	210,505	209,359	207,410	204,533	204,389
Cota da terraplenagem	209,801	211,357	212,728	213,569	214,142	214,462	214,407	213,930	213,381	212,831	212,304	211,821	211,359	210,898	210,368	209,080	206,990	205,686	205,513
Cota vermelha	0,112	-0,013	-0,049	-0,142	-0,092	0,011	-0,064	0,041	-0,060	-0,238	0,022	-0,071	-0,238	-0,214	-0,136	-0,279	-0,420	1,153	1,113

LEGENDA:

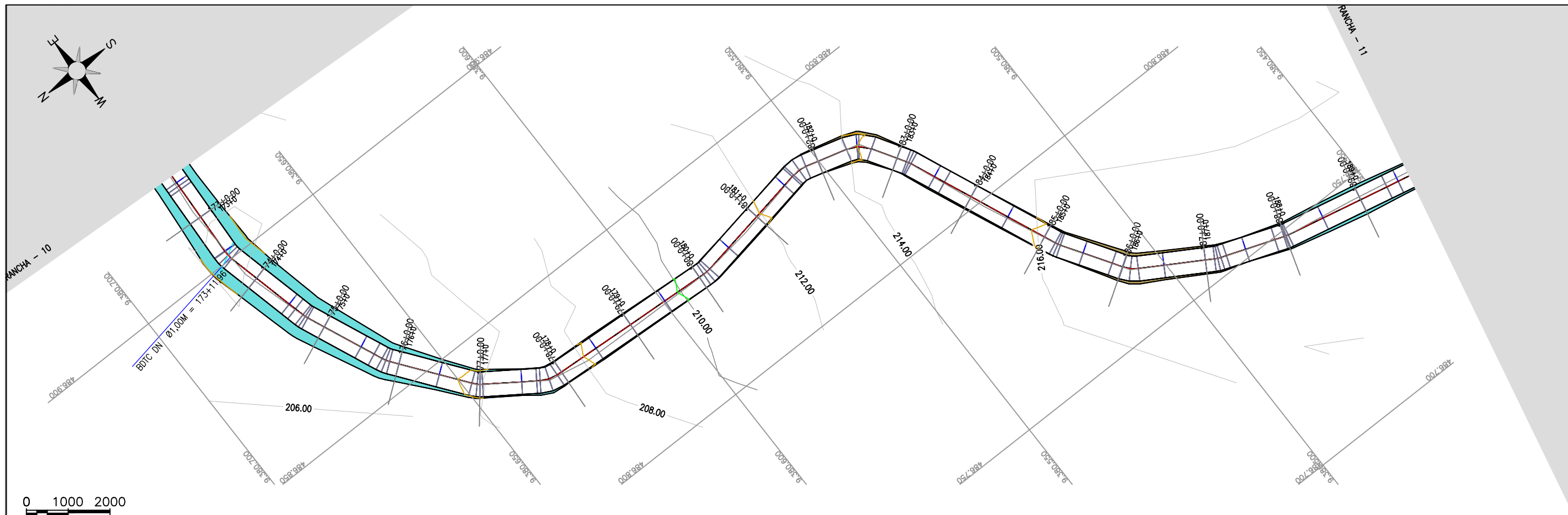


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PREFEITURA MUNICIPAL DE MILHÃ	
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0 1000 2000



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
172	204,399	205,513	1,113
173	204,133	205,500	1,367
173+11,96	203,717	205,506	1,788
174	204,048	205,513	1,465
175	204,315	205,538	1,223
176	204,896	205,602	0,706
177	205,920	206,221	0,301
178	207,371	207,524	0,152
179	209,011	208,992	-0,019
180	210,379	210,461	0,081
181	211,908	211,929	0,022
182	213,375	213,374	0,000
183	214,491	214,538	0,046
184	215,212	215,370	0,158
185	216,086	216,131	0,045
186	217,135	216,887	-0,248
187	217,398	217,302	-0,096
188	216,936	217,174	0,238
189	216,371	216,839	0,467
189	216,344	216,641	0,298

LEGENDA:

TERRENO NATURAL PROJETADO ATERRO CORTE CURVAS DE NÍVEL

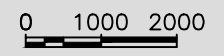
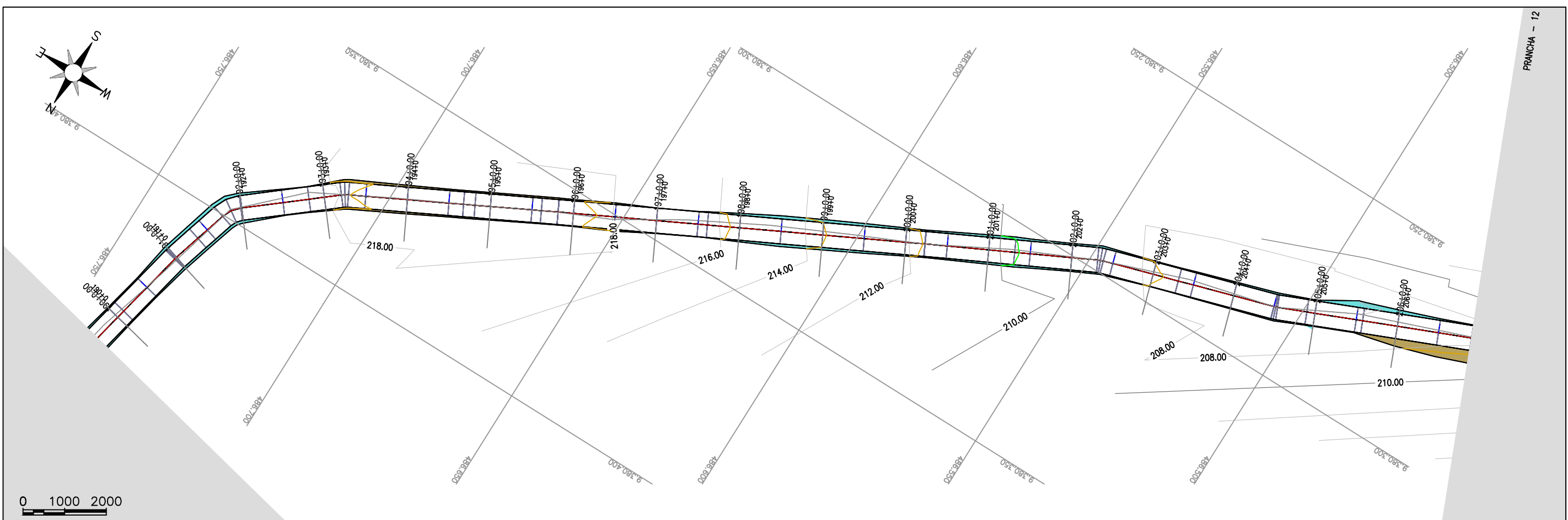
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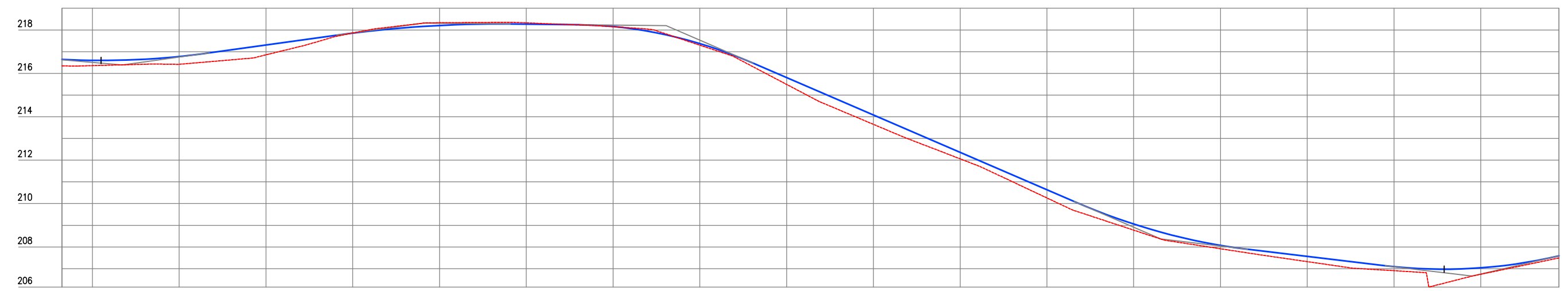
PREFEITURA MUNICIPAL DE MILHÃ
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL

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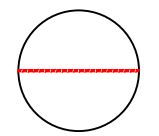
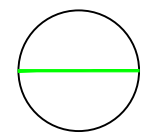
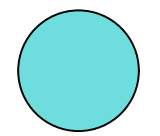

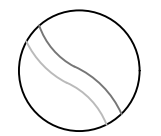


EIXO



Estaca	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	206
Cota do terreno	216,344	216,357	216,418	216,854	217,860	218,331	218,327	218,149	217,299	215,492	213,652	212,061	210,259	208,775	207,918	207,324	206,907	206,743	207,483
Cota da terraplenagem	216,641	216,598	216,776	217,305	217,856	218,207	218,265	218,161	217,372	215,806	214,082	212,357	210,633	209,056	208,072	207,565	207,092	207,037	207,590
Cota vermelha	0,298	0,241	0,358	0,451	-0,004	-0,124	-0,062	0,011	0,073	0,314	0,430	0,296	0,374	0,280	0,154	0,241	0,185	0,295	0,097

LEGENDA:

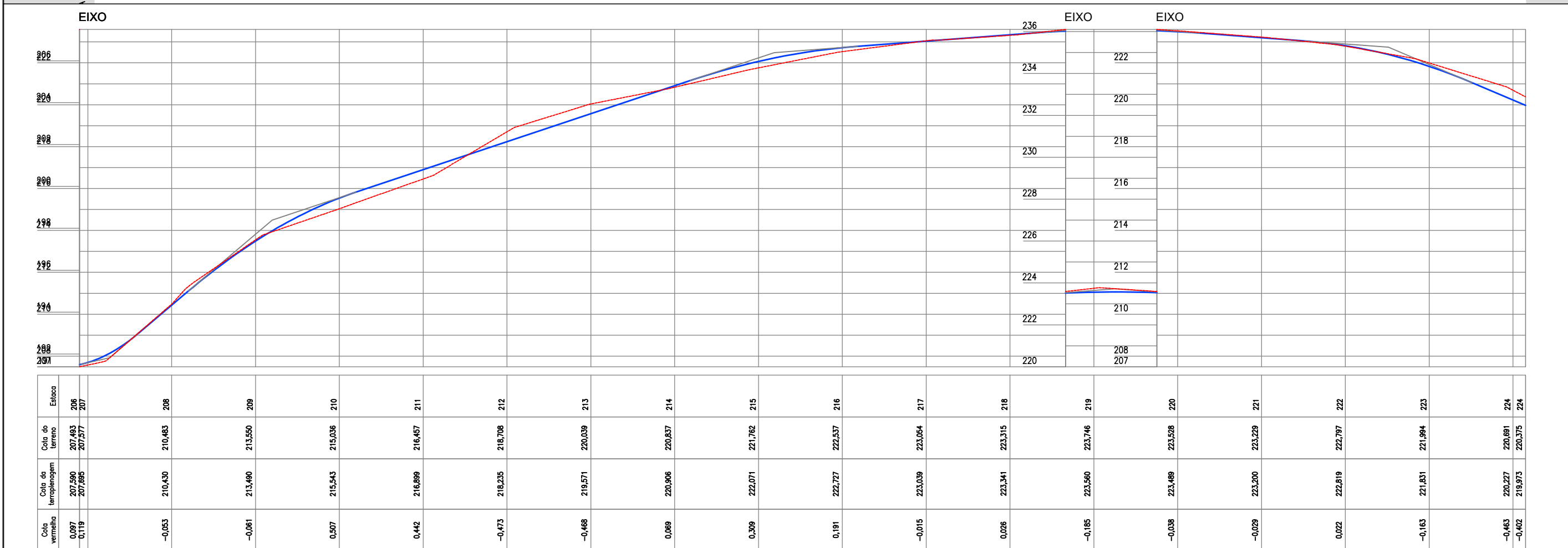
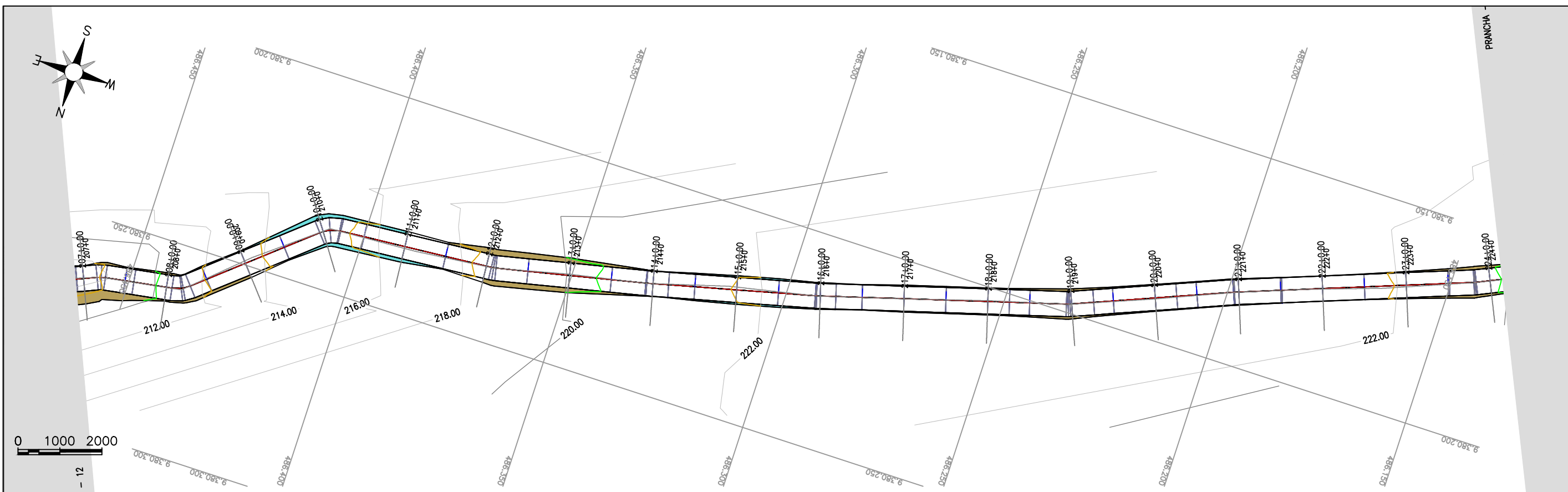
 TERRENO NATURAL
 PROJETADO
 ATERRO
 CORTE
 CURVAS DE NÍVEL


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PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:	12 / 25
ESCALA:	1/1000



LEGENDA:

- TERRENO NATURAL
- PROJETADO
- ATERRO
- CORTE
- CURVAS DE NÍVEL

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PREFEITURA MUNICIPAL DE MILHÃ

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

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

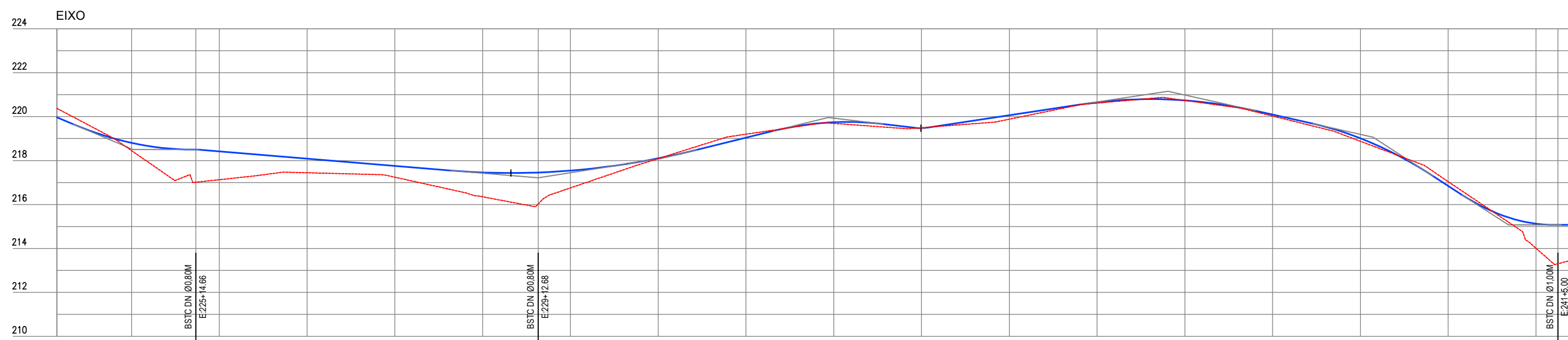
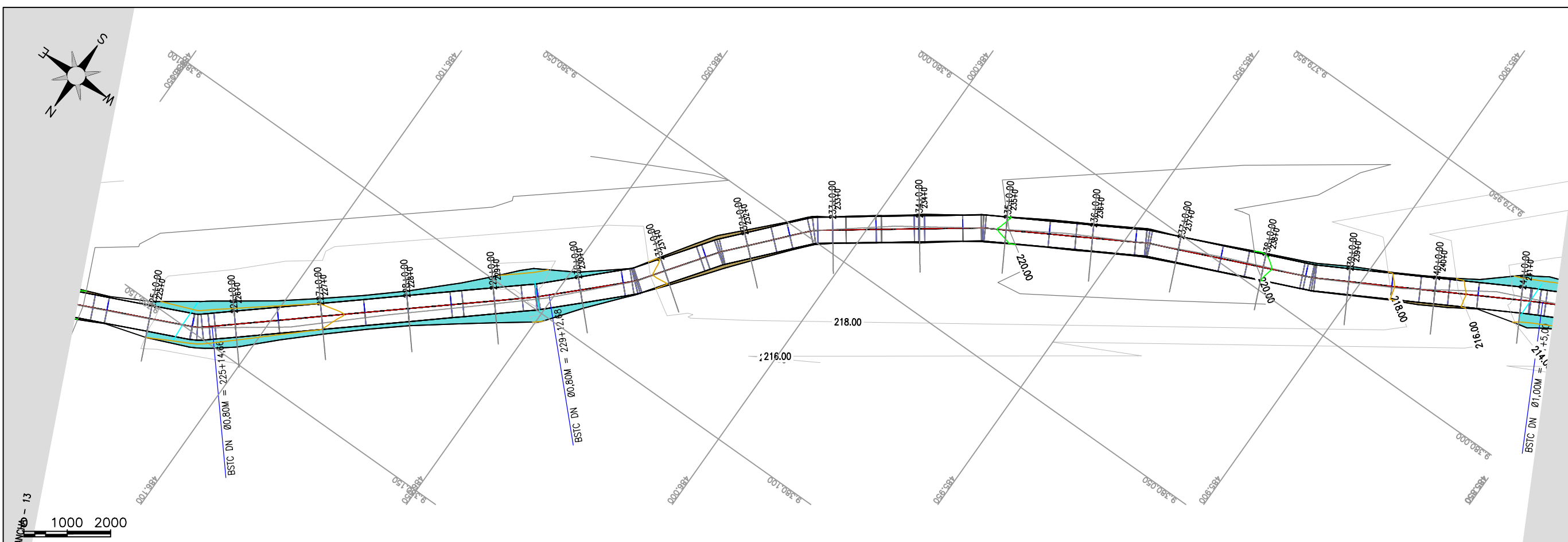
ARQUIVO: SANTA FÉ A CAFUNDÔ_GEO.DWG

PRANCHA:

13 / 25

ESCALA:

1/1000



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
224	220,375	219,973	-0,402
225	218,453	218,806	0,353
E225+14,66	217,015	218,500	1,485
226	217,130	218,415	1,285
227	217,447	218,086	0,639
228	217,243	217,756	0,514
229	216,352	217,459	1,107
E229+12,68	216,031	217,458	1,427
230	216,757	217,544	0,787
231	218,090	218,102	0,012
232	219,201	219,042	-0,159
233	219,692	219,747	0,055
234	219,497	219,471	-0,026
235	219,884	220,061	0,176
236	220,616	220,653	0,038
237	220,738	220,741	0,002
238	220,027	220,091	0,064
239	218,890	219,016	0,137
240	217,043	216,852	-0,191
241	214,012	215,127	1,115
E241+5,00	213,304	215,072	1,767
241	213,465	215,076	1,611

LEGENDA:

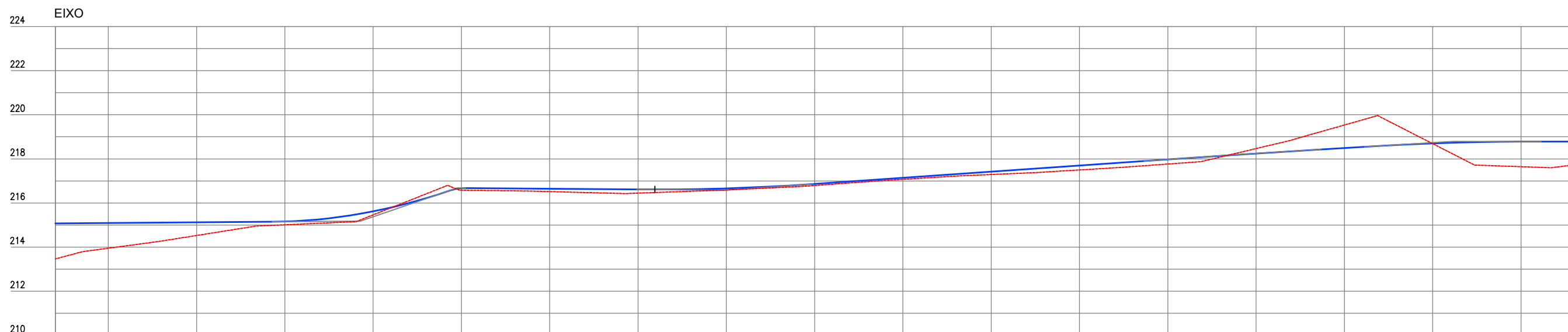
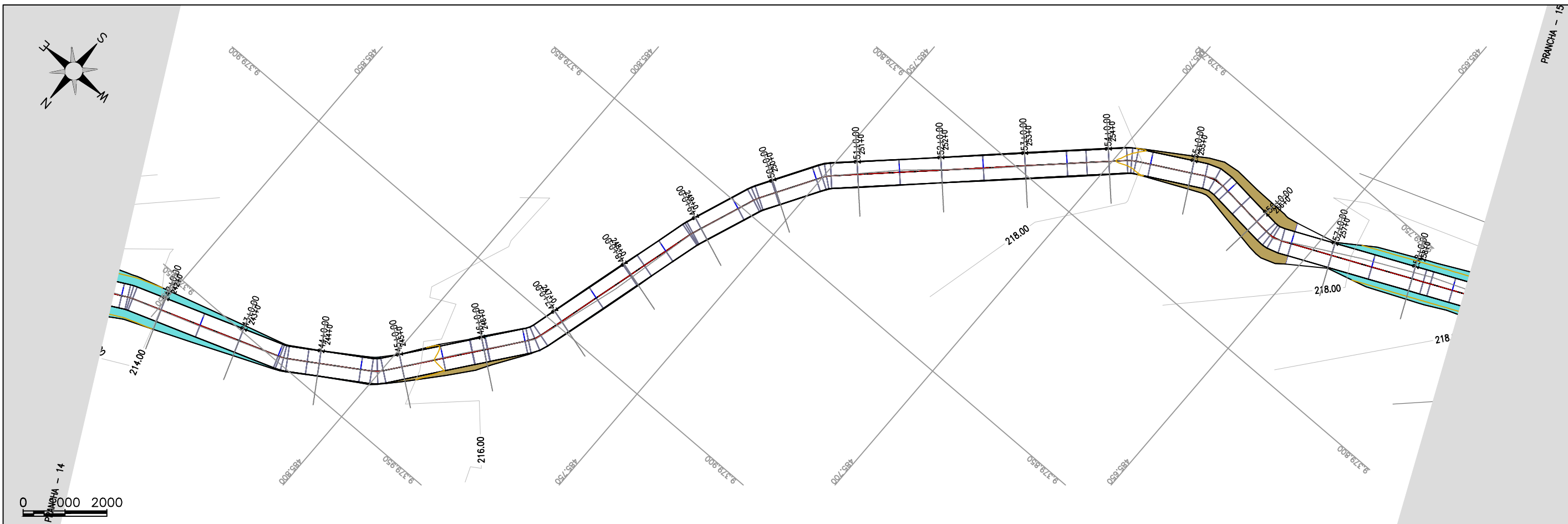
TERRENO NATURAL PROJETADO ATERRO CORTE CURVAS DE NÍVEL

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PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:
14 / 25
 ESCALA:
1/1000



Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
1,611	215,076	213,465	241
1,143	215,094	213,951	242
0,595	215,123	214,528	243
0,147	215,160	215,013	244
0,158	215,621	215,463	245
0,069	216,671	216,582	246
0,129	216,647	216,517	247
0,166	216,615	216,449	248
0,071	216,663	216,591	249
0,072	216,866	216,794	250
0,071	217,144	217,073	251
0,130	217,422	217,292	252
0,201	217,700	217,499	253
0,211	217,977	217,767	254
-0,225	218,243	218,468	255
-1,043	218,493	219,536	256
0,012	218,701	218,689	257
1,136	218,783	217,647	258
1,064	218,779	217,715	258

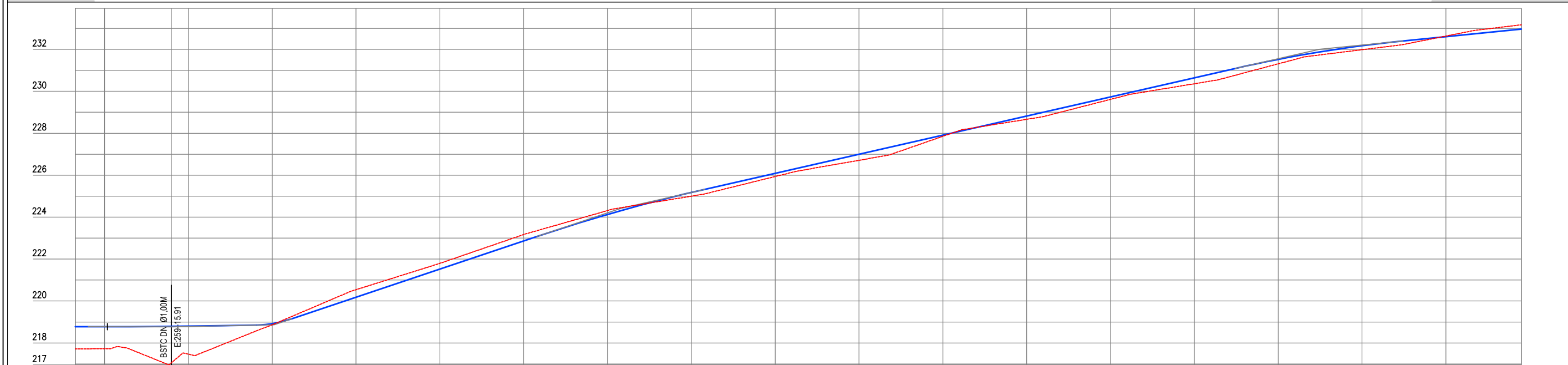
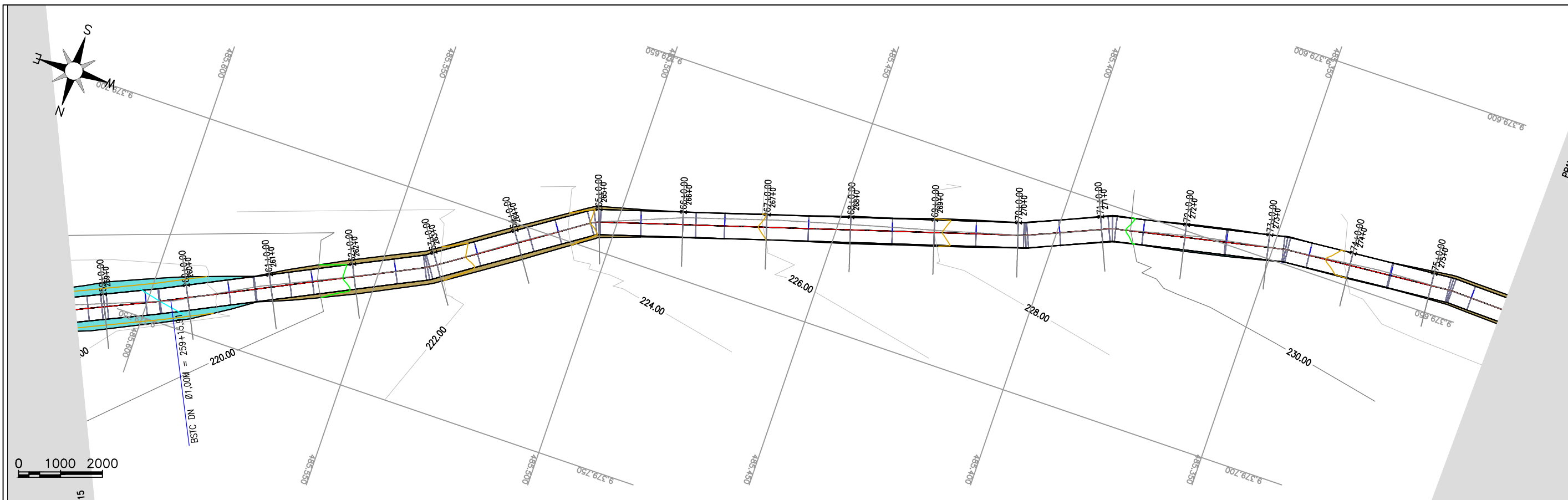
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PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:
15 / 25
 ESCALA:
 1/1000



Estaca	258	259	259+15,91	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	
Cota de terreno	217,715	217,727	217,051	217,466	218,887	220,541	221,796	223,171	224,314	224,999	225,936	226,710	227,854	228,665	229,615	230,360	231,310	231,983	232,633	233,171
Cota da terraplenagem	218,779	218,776	218,790	218,799	218,922	220,182	221,522	222,863	224,127	225,176	226,092	227,002	227,913	228,823	229,734	230,644	231,521	232,174	232,604	232,964
Cota vermelha	1,064	1,050	1,739	1,333	0,055	-0,359	-0,274	-0,309	-0,187	0,179	0,155	0,292	0,058	0,159	0,118	0,285	0,212	0,191	-0,028	-0,207

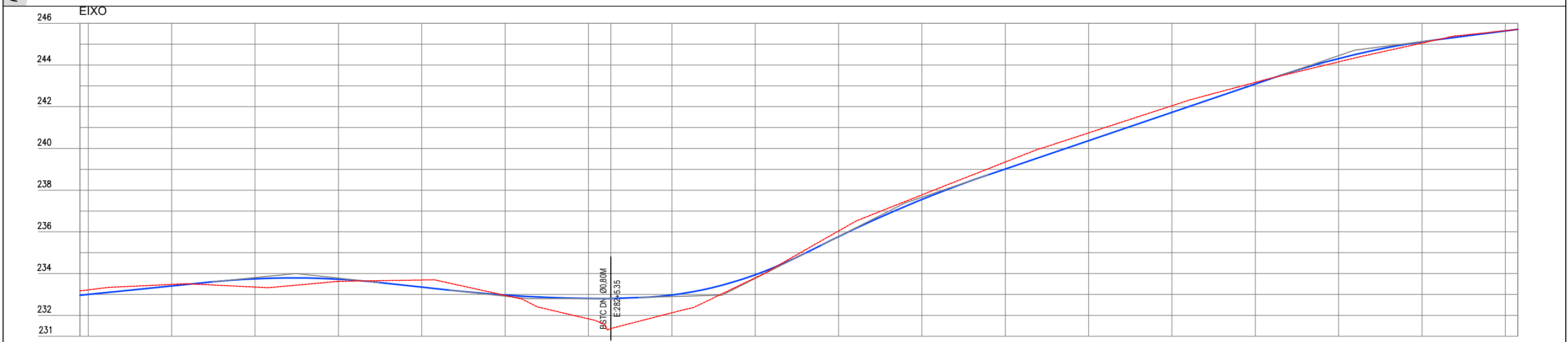
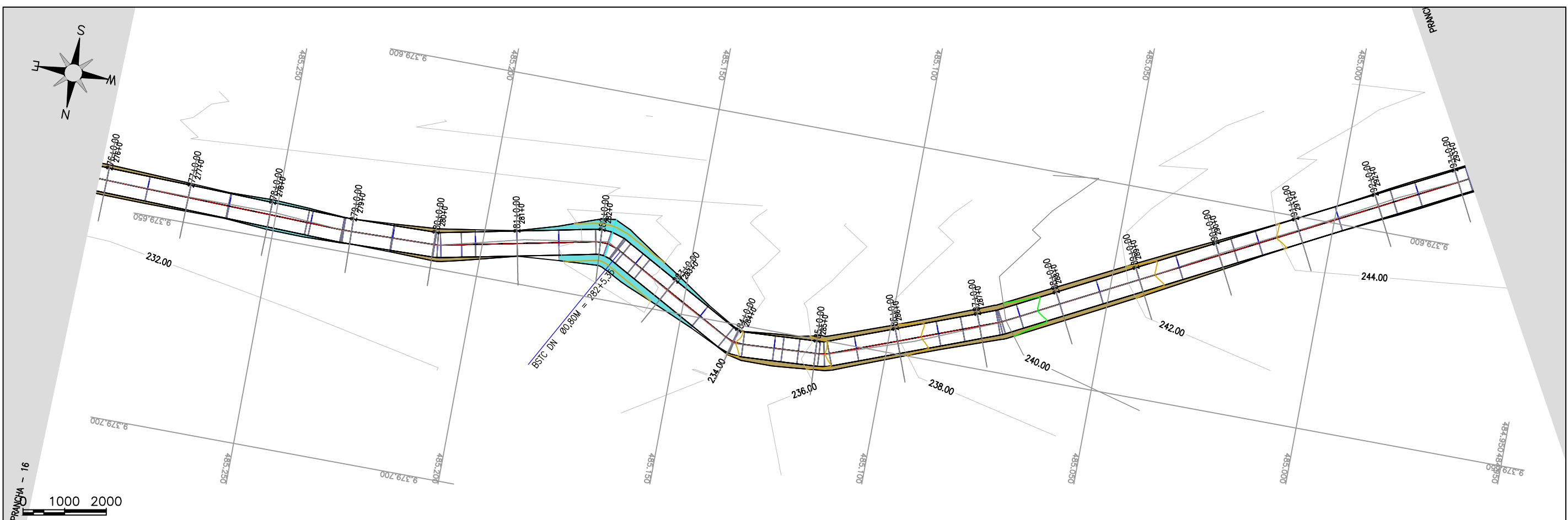
LEGENDA:

TERRENO NATURAL
 PROJETADO
 ATERRO
 CORTE
 CURVAS DE NÍVEL

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PREFEITURA MUNICIPAL DE MILHÃ		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE		16 / 25
ESTAQUEAMENTO E PERFIL LONGITUDINAL		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA:
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG	1/1000



Estaca	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293
Cota do terreno	233,171	233,220	233,481	233,353	233,629	233,692	232,956	231,831	232,120	233,795	236,042	237,774	239,349	240,746	242,049	243,169	244,152	245,053	245,649
Cota da terraplenagem	232,964	233,004	233,404	233,750	233,731	233,351	232,972	232,809	232,971	233,941	235,773	237,553	239,015	240,374	241,732	243,091	244,311	245,115	245,634
Cota velha	-0,207	-0,216	-0,077	0,397	0,102	-0,341	0,016	0,979	0,851	0,146	-0,269	-0,221	-0,334	-0,372	-0,316	-0,078	0,160	0,062	-0,015

LEGENDA:

- TERRENO NATURAL
- PROJETADO
- ATERRO
- CORTE
- CURVAS DE NÍVEL

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PREFEITURA MUNICIPAL DE MILHÃ

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

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

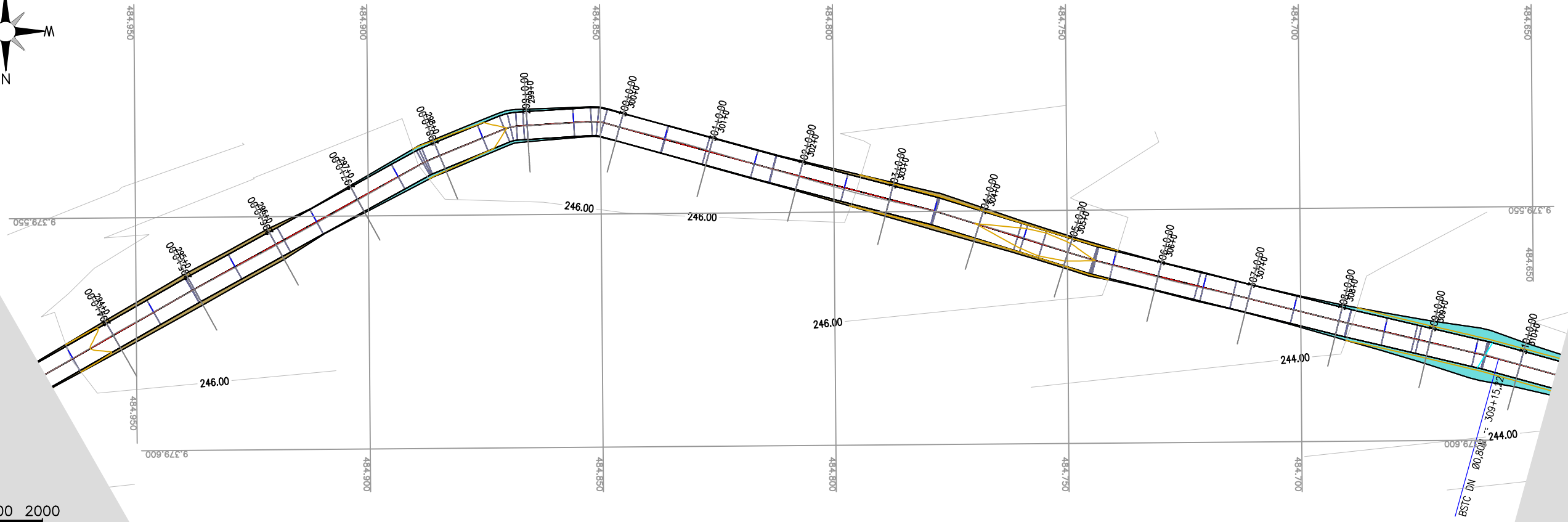
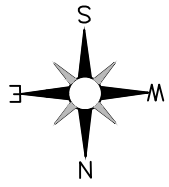
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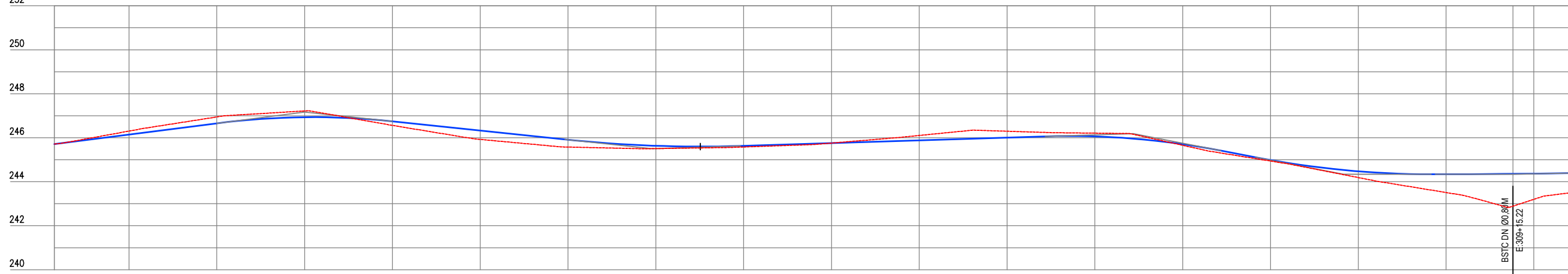
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ESCALA:

1/1000

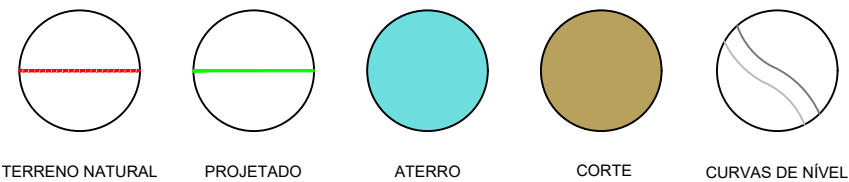


EIXO



Estaca	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310
Cota do terreno	245,713	246,303	246,946	247,218	246,580	245,923	245,576	245,507	245,580	245,756	246,103	246,296	246,208	245,657	244,942	244,190	243,508	243,200
Cota da terraplenagem	245,710	246,144	246,655	246,933	246,746	246,327	245,908	245,634	245,633	245,757	245,881	246,006	246,059	245,707	244,986	244,474	243,341	243,380
Cota vermelha	-0,003	-0,159	-0,290	-0,285	0,186	0,404	0,332	0,127	0,053	0,001	-0,222	-0,290	-0,149	0,050	0,044	0,284	0,832	1,470

LEGENDA:

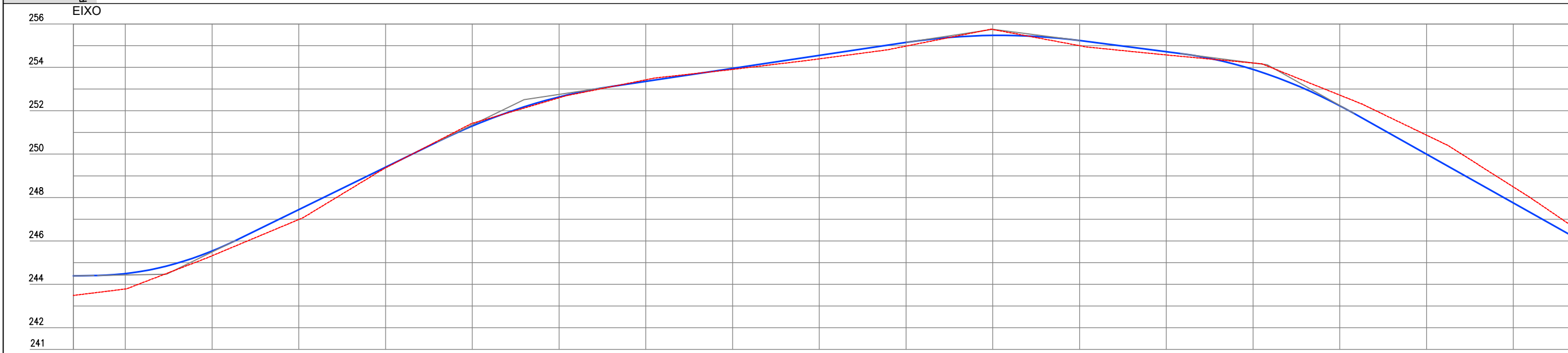
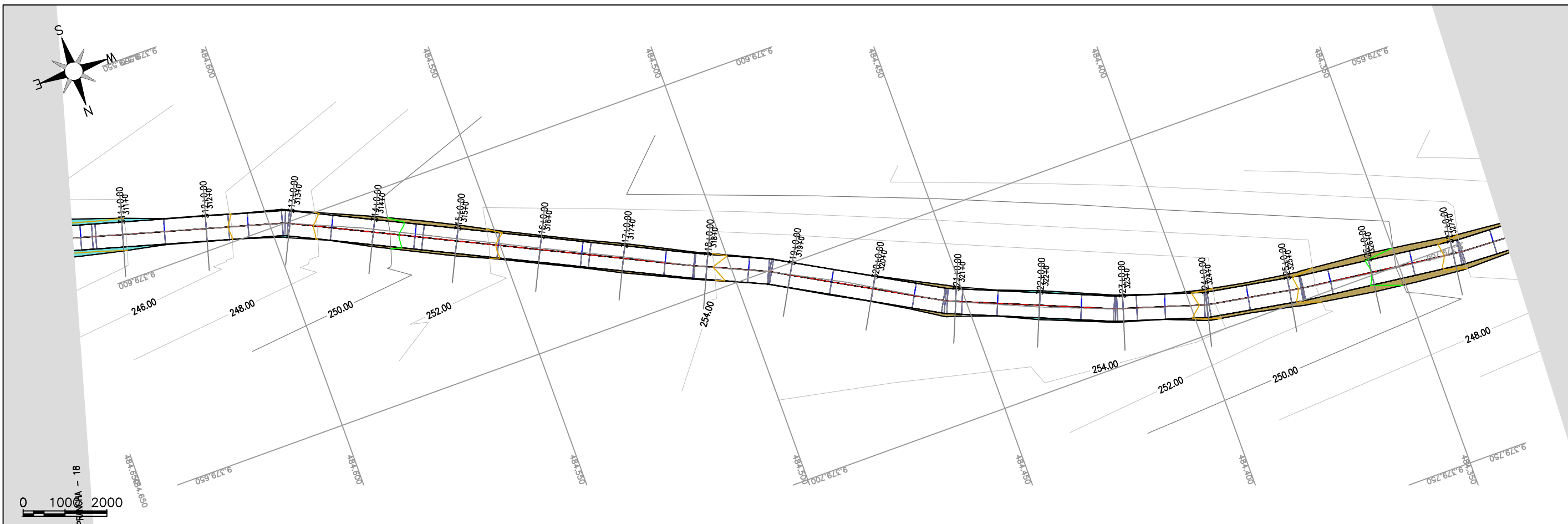



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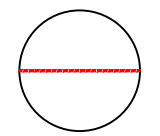
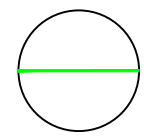
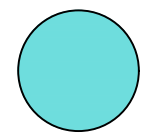

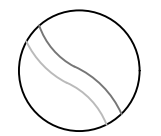
PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG


PRANCHA:	18 / 25
ESCALA:	1/1000




Estaca	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328
Cota do terreno	243,489	243,786	245,318	246,989	249,371	251,421	252,996	253,424	253,905	254,391	254,979	255,745	254,998	254,571	254,200	252,720	250,876	248,492	246,757
Cota da terraplenagem	244,390	244,494	245,538	247,447	249,399	251,296	252,636	253,354	253,952	254,551	255,149	255,470	255,234	254,719	253,901	252,230	249,996	247,751	246,292
Cota vermelha	0,901	0,708	0,219	0,458	0,029	-0,125	0,038	-0,070	0,047	0,160	0,170	-0,275	0,236	0,148	-0,299	-0,490	-0,880	-0,741	-0,466

LEGENDA:

-  TERRENO NATURAL
-  PROJETADO
-  ATERRO
-  CORTE
-  CURVAS DE NÍVEL


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PREFEITURA MUNICIPAL DE MILHÃ

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

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

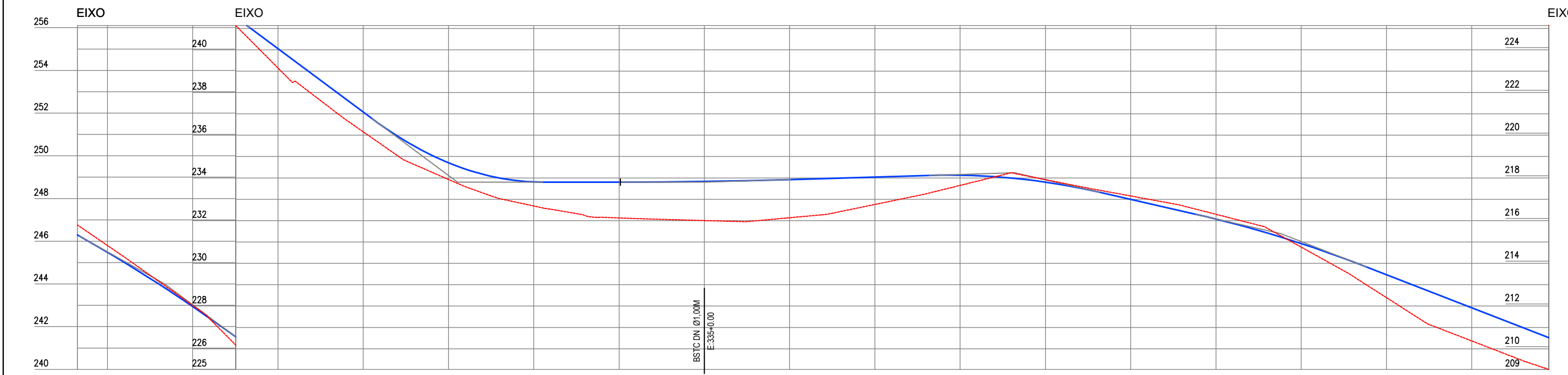
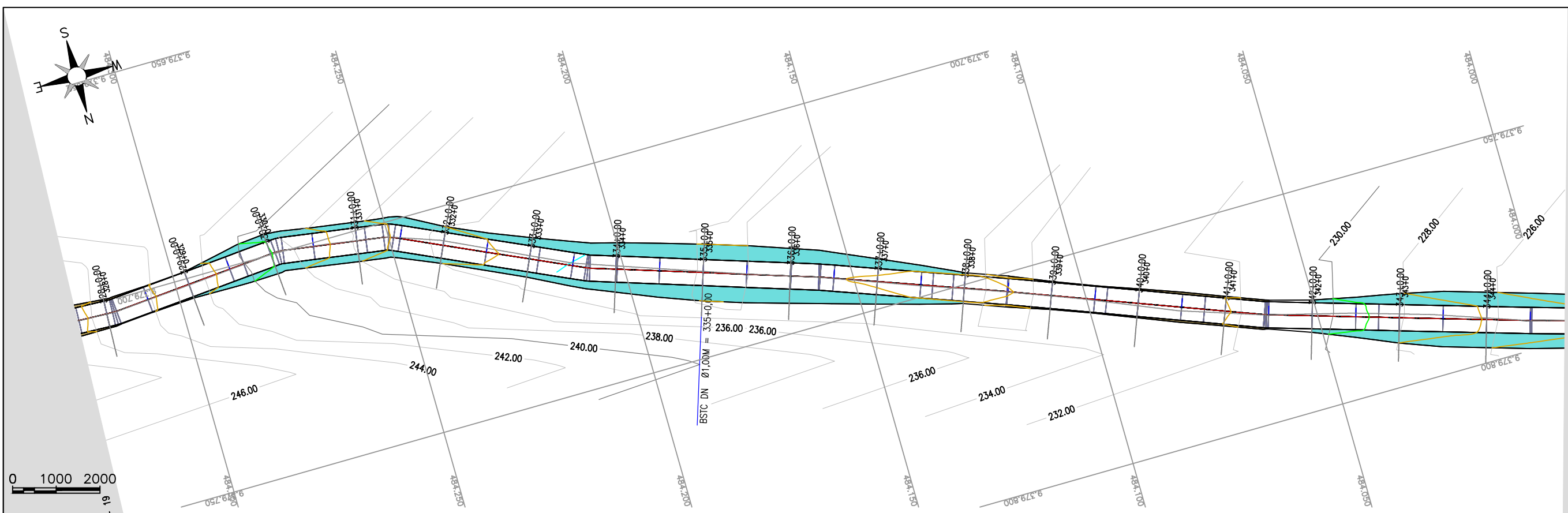
ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:

19 / 25

ESCALA:

1/1000



Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
327	246,757	246,292	-0,466
328	245,802	245,496	-0,316
329	242,995	242,941	-0,054
330	239,148	240,054	0,906
331	236,159	237,086	0,927
332	233,927	234,711	0,784
333	232,686	233,812	1,126
334	232,127	233,804	1,677
335+0	232,004	233,633	1,629
336	232,136	233,922	1,786
337	232,758	234,042	1,284
338	233,651	234,128	0,478
339	233,919	233,802	-0,117
340	233,155	232,994	-0,161
341	232,296	232,073	-0,223
342	230,759	230,926	0,167
343	228,392	229,468	1,076
344	226,366	227,918	1,552
344	225,035	226,524	1,488

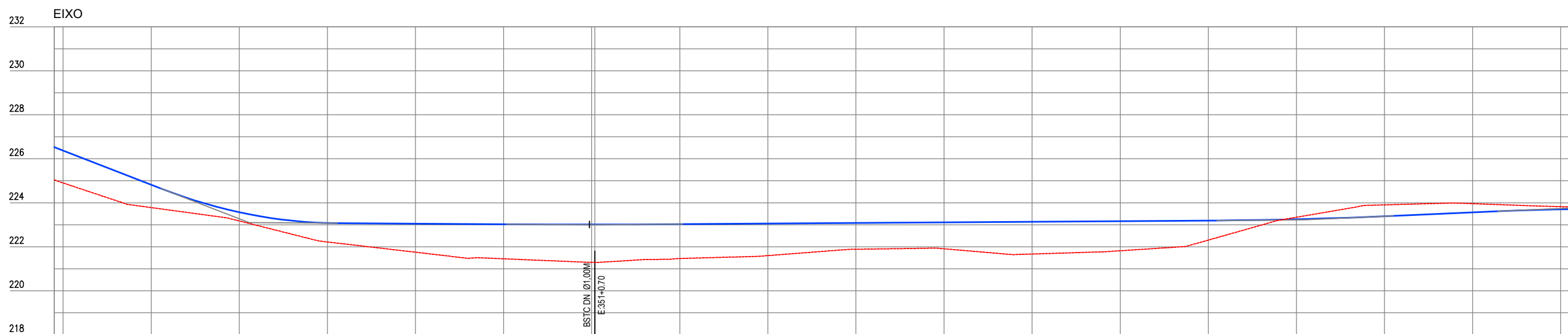
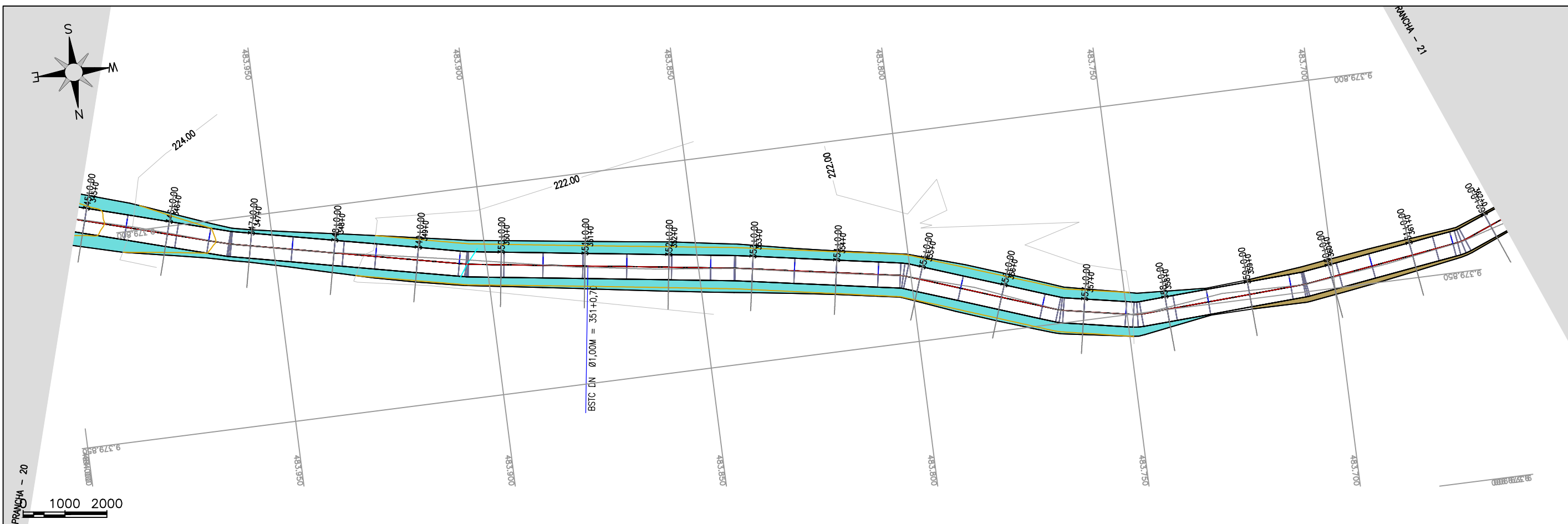
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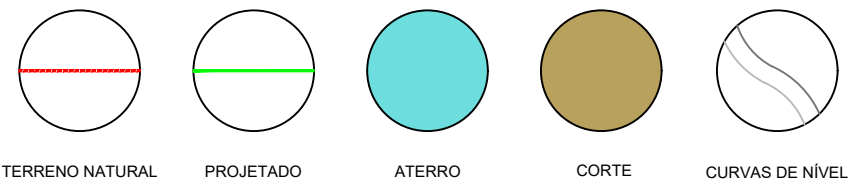
PREFEITURA MUNICIPAL DE MILHÃ
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:
20 / 25
 ESCALA:
1/1000



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
1,488	226,524	225,035	344
1,467	226,369	224,902	345
1,037	224,819	223,782	346
0,396	223,570	223,174	347
0,860	223,079	222,220	348
1,296	223,050	221,754	349
1,571	223,025	221,455	350
1,728	223,013	221,400	351+0,70
1,561	223,027	221,466	352
1,455	223,054	221,599	353
1,195	223,082	221,888	354
1,203	223,110	221,906	355
1,467	223,138	221,671	356
1,346	223,165	221,819	357
0,869	223,193	222,304	358
-0,088	223,252	223,339	359
-0,519	223,366	223,905	360
-0,396	223,565	223,960	361
-0,120	223,703	223,824	362
-0,095	223,711	223,807	362

LEGENDA:



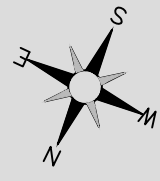
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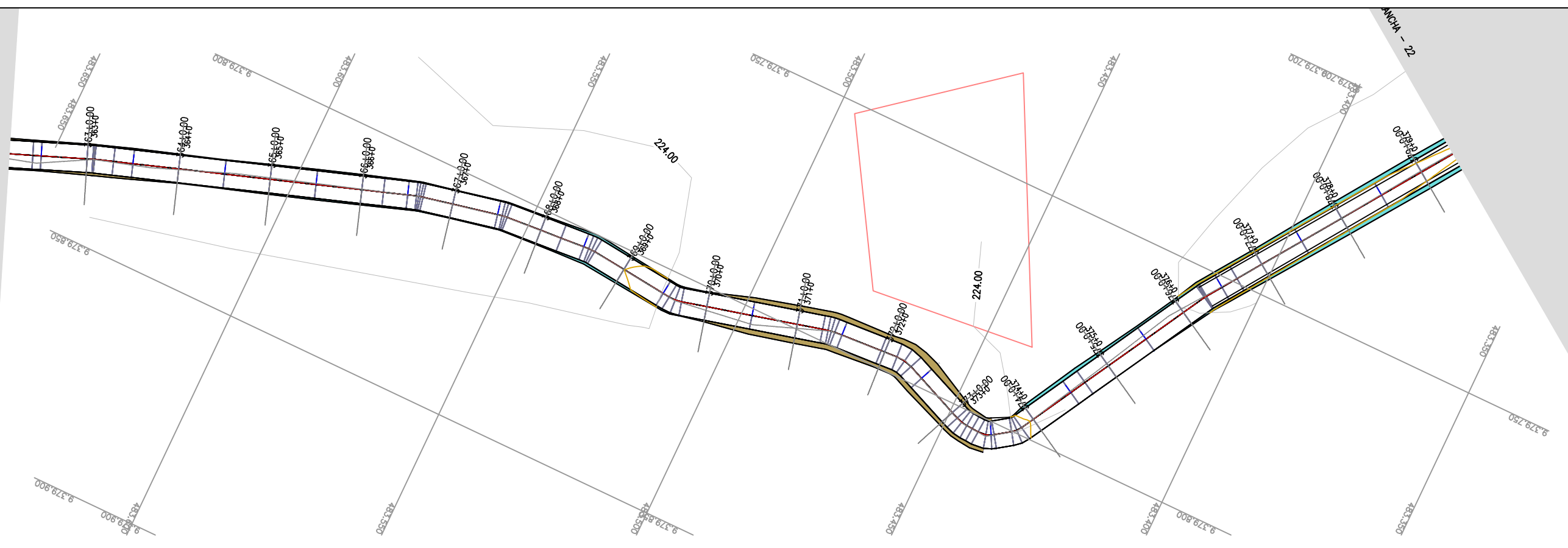
PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

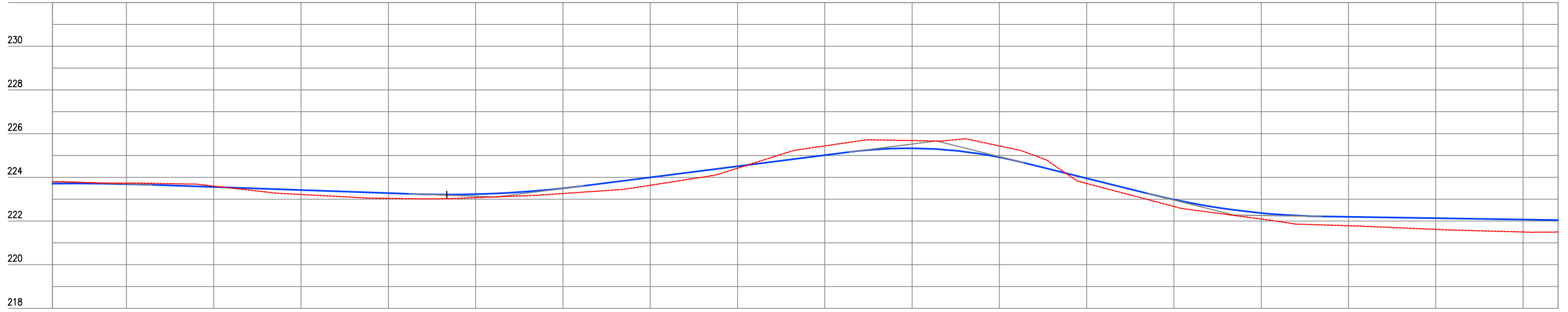
PRANCHA:
21 / 25
 ESCALA:
 1/1000



0 1000 2000
PRANCHA - 21



EIXO



Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,095	223,711	223,807	362
-0,047	223,689	223,736	363
-0,042	223,555	223,598	364
0,200	223,415	223,214	365
0,236	223,274	223,038	366
0,158	223,228	223,070	367
0,239	223,498	223,259	368
0,360	223,997	223,637	369
0,087	224,505	224,418	370
-0,426	225,014	225,439	371
-0,355	225,328	225,682	372
-0,517	224,920	225,437	373
0,235	223,954	223,719	374
0,314	222,982	222,668	375
0,274	222,365	222,092	376
0,407	222,192	221,785	377
0,514	222,130	221,616	378
0,571	222,067	221,487	379
0,546	222,042	221,487	379

LEGENDA:

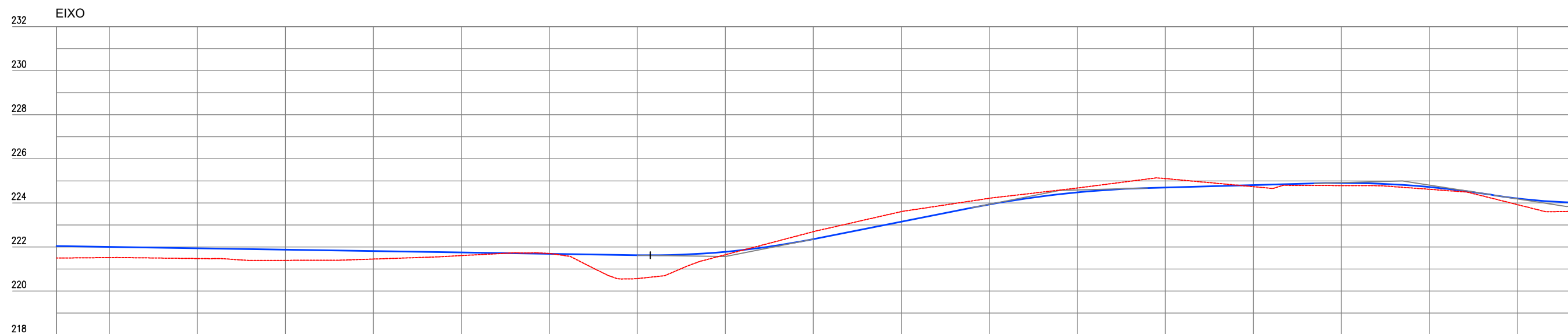
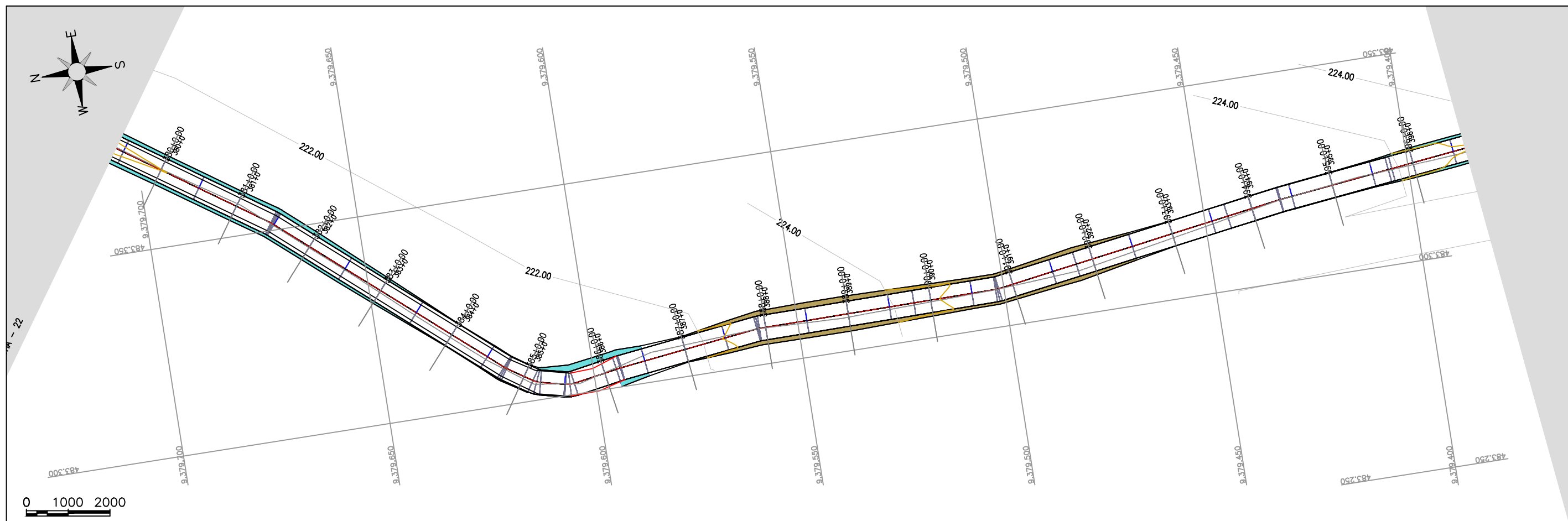
TERRENO NATURAL
 PROJETADO
 ATERRO
 CORTE
 CURVAS DE NÍVEL

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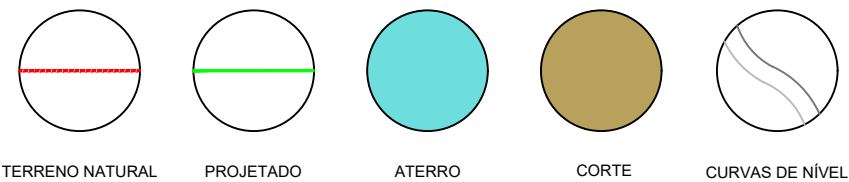
PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:
22 / 25
 ESCALA:
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Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,546	222,042	221,487	379
0,487	222,005	221,518	380
0,466	221,942	221,476	381
0,487	221,880	221,393	382
0,366	221,818	221,452	383
0,146	221,755	221,609	384
-0,009	221,693	221,702	385
1,066	221,630	220,564	386
0,134	221,761	221,647	387
-0,338	222,357	222,695	388
-0,460	223,146	223,606	389
-0,281	223,928	224,209	390
-0,197	224,479	224,676	391
-0,405	224,698	225,103	392
0,074	224,810	224,737	393
0,118	224,905	224,787	394
0,102	224,720	224,618	395
0,281	224,203	223,922	396
0,400	224,016	223,616	396

LEGENDA:

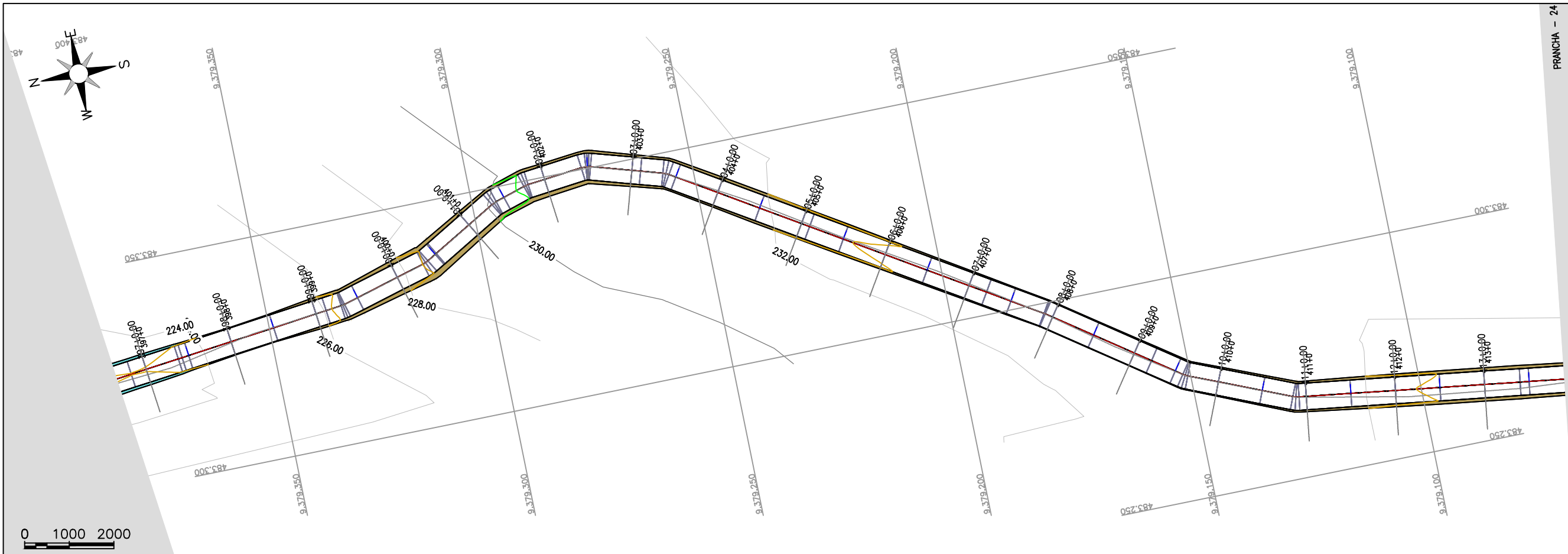


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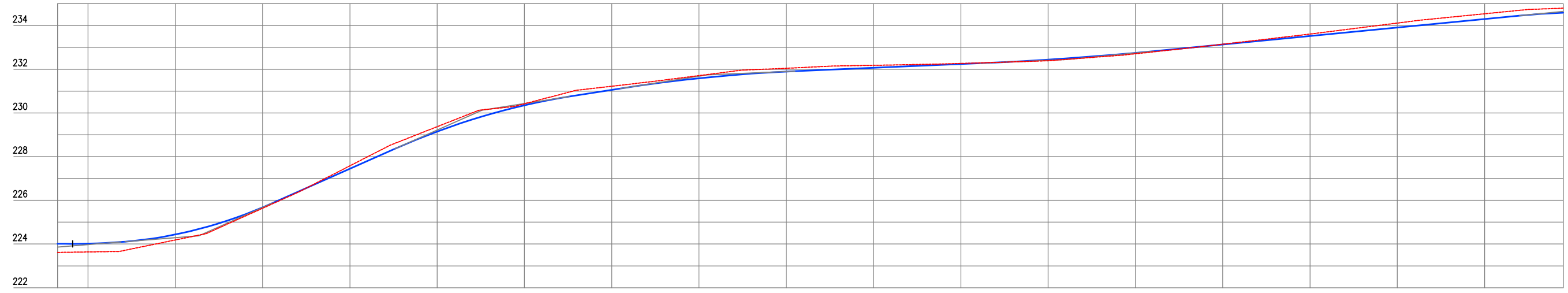


PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	SANTA FÉ A CAFUNDÓ_GEO.DWG

PRANCHA:
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 ESCALA:
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EIXO



Estaca	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	
Cota do terreno	223,616	223,638	224,186	225,638	227,579	229,371	230,419	231,222	231,708	232,043	232,179	232,285	232,389	232,708	233,145	233,609	234,113	234,538	234,795
Cota da terraplenagem	224,016	224,016	224,636	225,677	227,443	229,146	230,353	231,064	231,587	231,894	232,066	232,236	232,441	232,751	233,135	233,522	233,909	234,296	234,587
Cota vertical	0,400	0,378	0,250	0,040	-0,137	-0,225	-0,066	-0,168	-0,122	-0,149	-0,113	-0,028	0,052	0,043	-0,010	-0,087	-0,204	-0,243	-0,208

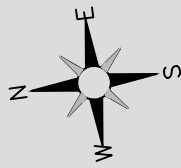
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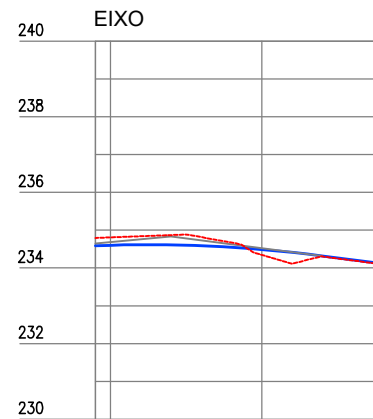
PREFEITURA MUNICIPAL DE MILHÃ	
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PRANCHA:	24 / 25
ESCALA:	1/1000



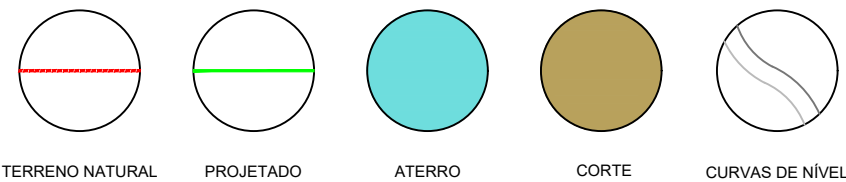
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PRANCHA - 24



Cota Vermelha	Cota da terraplenagem	Cota do terreno	Estaca
-0,208	234,587	234,795	413
-0,209	234,601	234,809	414
0,143	234,480	234,347	415
0,018	234,121	234,103	415

LEGENDA:



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PRANCHA:
25 / 25
ESCALA:
1/1000