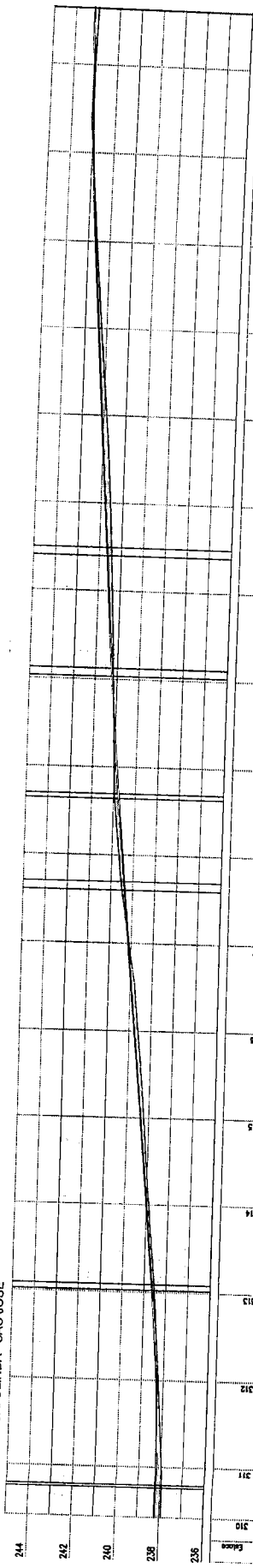
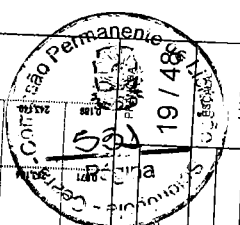


0 1000 2000

EIXO DA ESTRADA: OLINDA - SÃO JOSÉ



Estação	Altura (m)	Estação	Altura (m)
310	227,917	322	242,990
311	227,904	323	242,983
312	228,267	324	242,940
313	228,555	325	242,868
314	228,903	326	242,594
315	228,398	327	242,243
316	228,988		
317	240,100		
318	240,665		
319	240,522		
320	241,182		
321	241,254		
322	241,578		
323	241,880		
324	242,243		
325	242,704		
326	242,940		
327	242,990		



PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / OB  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

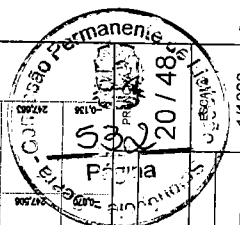


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PROJETISTA  
 ARQUIVO

3 - GEOMÉTRICO.DWG

1/1000



PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

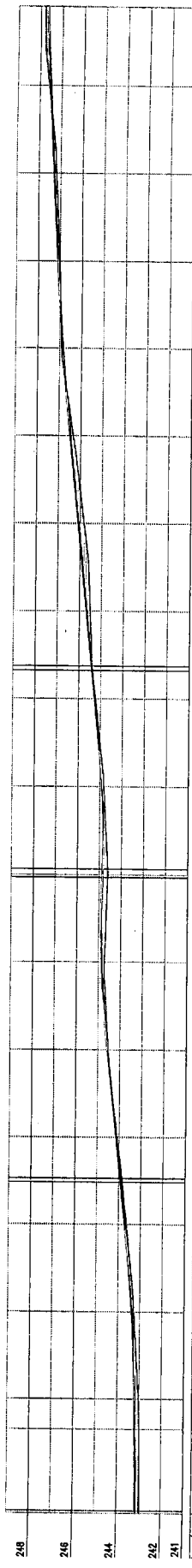
PROJETISTA  
 ARQUIVO

17/1000

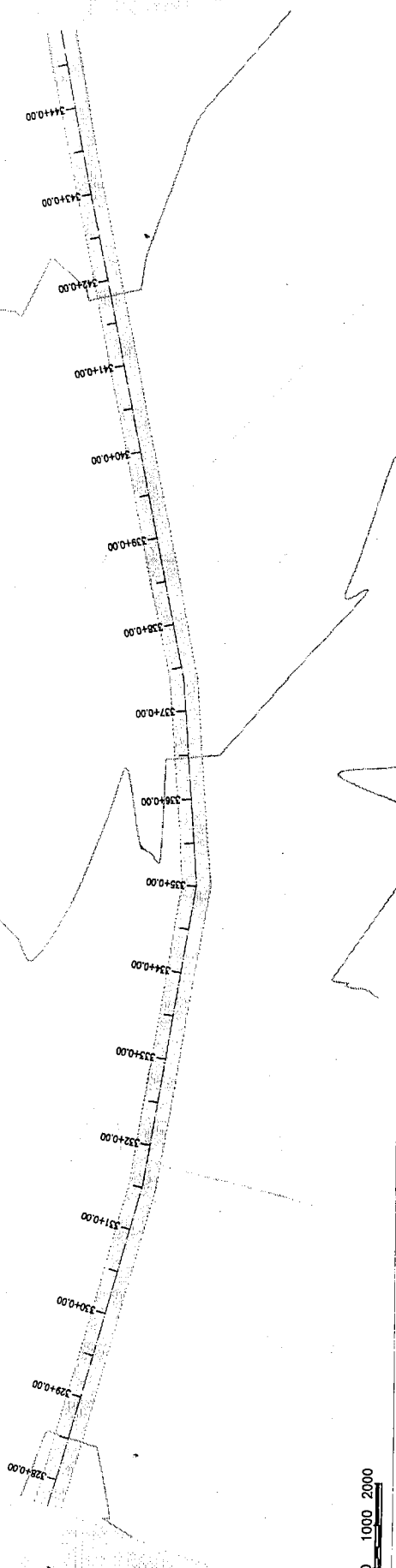


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EIXO DA ESTRADA: OLINDA - SÃO JOSÉ



Estaca	Cota de Referência	Cota de Projeto	Queda (%)
248	243.14	242.90	0.18
249	243.14	242.90	0.18
250	244.81	244.81	0.20
251	244.90	244.90	0.04
252	244.90	244.90	0.04
253	244.97	244.97	0.08
254	244.97	244.97	0.12
255	246.27	246.27	0.12
256	246.27	246.27	0.08
257	246.27	246.27	0.04
258	246.27	246.27	0.04
259	246.27	246.27	0.04
260	246.27	246.27	0.04
261	246.27	246.27	0.04
262	246.27	246.27	0.04
263	246.27	246.27	0.04
264	246.27	246.27	0.04
265	246.27	246.27	0.04
266	246.27	246.27	0.04
267	246.27	246.27	0.04
268	246.27	246.27	0.04
269	246.27	246.27	0.04
270	246.27	246.27	0.04
271	246.27	246.27	0.04
272	246.27	246.27	0.04
273	246.27	246.27	0.04
274	246.27	246.27	0.04
275	246.27	246.27	0.04
276	246.27	246.27	0.04
277	246.27	246.27	0.04
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293	246.27	246.27	0.04
294	246.27	246.27	0.04
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300	246.27	246.27	0.04
301	246.27	246.27	0.04
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303	246.27	246.27	0.04
304	246.27	246.27	0.04
305	246.27	246.27	0.04
306	246.27	246.27	0.04
307	246.27	246.27	0.04
308	246.27	246.27	0.04
309	246.27	246.27	0.04
310	246.27	246.27	0.04
311	246.27	246.27	0.04
312	246.27	246.27	0.04
313	246.27	246.27	0.04
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343	246.27	246.27	0.04
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355	246.27	246.27	0.04
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359	246.27	246.27	0.04
360	246.27	246.27	0.04
361	246.27	246.27	0.04
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383	246.27	246.27	0.04
384	246.27	246.27	0.04
385	246.27	246.27	0.04
386	246.27	246.27	0.04
387	246.27	246.27	0.04
388	246.27	246.27	0.04
389	246.27	246.27	0.04
390	246.27	246.27	0.04
391	246.27	246.27	0.04
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393	246.27	246.27	0.04
394	246.27	246.27	0.04
395	246.27	246.27	0.04
396	246.27	246.27	0.04
397	246.27	246.27	0.04
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0 1000 2000

PRATA



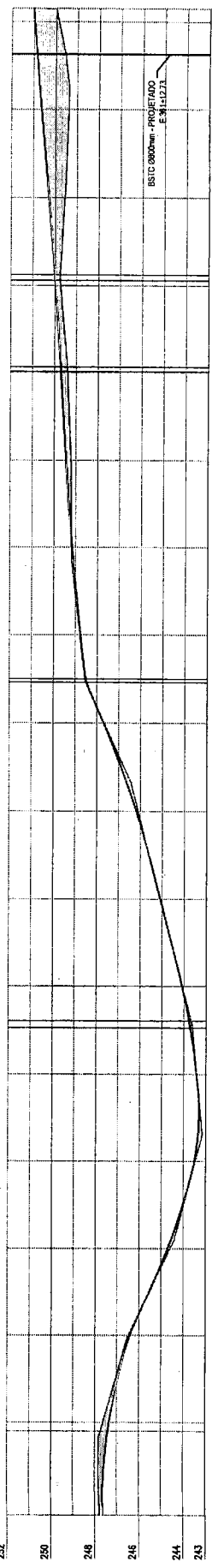
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / SP  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA  
 ARQUIVO

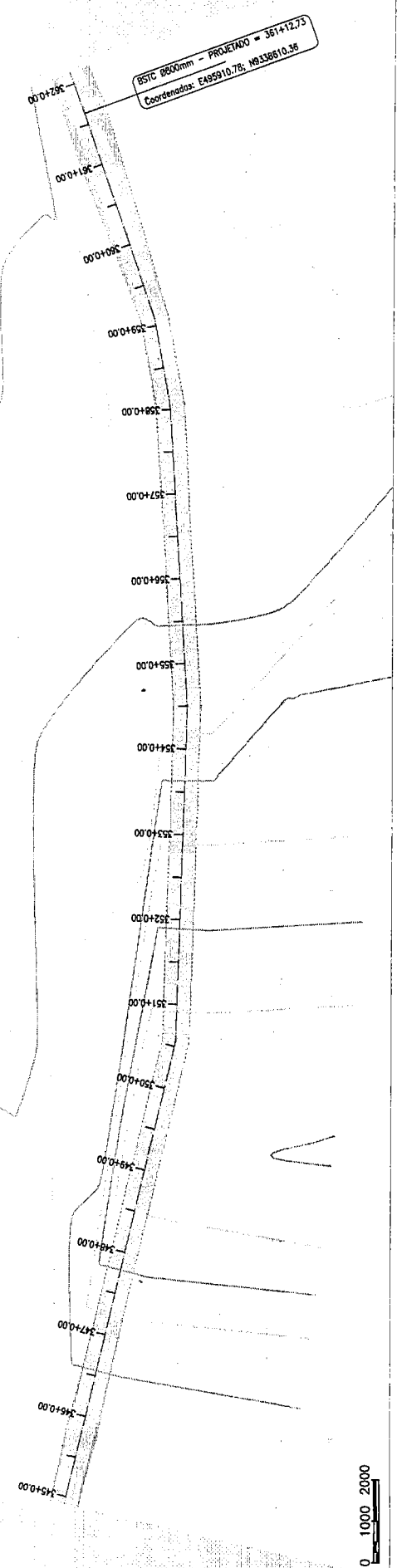
3 - GEOMETRICO.DWG



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Estaca	Cota de Verificação	Cota de Projeto	Altura
242	247,404	247,247	160+18,00
243	247,297	247,247	246
244	247,193	247,247	246
245	247,088	247,247	246
246	246,984	247,247	246
247	246,880	247,247	246
248	246,777	247,247	246
249	246,675	247,247	246
250	246,573	247,247	246
251	246,472	247,247	246
252	246,371	247,247	246
253	246,271	247,247	246
254	246,171	247,247	246
255	246,072	247,247	246
256	245,973	247,247	246
257	245,875	247,247	246
258	245,777	247,247	246
259	245,680	247,247	246
260	245,583	247,247	246
261	245,487	247,247	246
262	245,391	247,247	246
263	245,296	247,247	246
264	245,201	247,247	246
265	245,107	247,247	246
266	245,013	247,247	246
267	244,920	247,247	246
268	244,828	247,247	246
269	244,736	247,247	246
270	244,645	247,247	246
271	244,554	247,247	246
272	244,464	247,247	246
273	244,374	247,247	246
274	244,284	247,247	246
275	244,195	247,247	246
276	244,106	247,247	246
277	244,017	247,247	246
278	243,929	247,247	246
279	243,841	247,247	246
280	243,753	247,247	246
281	243,666	247,247	246
282	243,579	247,247	246
283	243,492	247,247	246
284	243,406	247,247	246
285	243,320	247,247	246
286	243,234	247,247	246
287	243,149	247,247	246
288	243,063	247,247	246
289	242,978	247,247	246
290	242,893	247,247	246
291	242,808	247,247	246
292	242,723	247,247	246
293	242,638	247,247	246
294	242,553	247,247	246
295	242,468	247,247	246
296	242,383	247,247	246
297	242,298	247,247	246
298	242,213	247,247	246
299	242,128	247,247	246
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304	241,703	247,247	246
305	241,618	247,247	246
306	241,533	247,247	246
307	241,448	247,247	246
308	241,363	247,247	246
309	241,278	247,247	246
310	241,193	247,247	246
311	241,108	247,247	246
312	241,023	247,247	246
313	240,938	247,247	246
314	240,853	247,247	246
315	240,768	247,247	246
316	240,683	247,247	246
317	240,598	247,247	246
318	240,513	247,247	246
319	240,428	247,247	246
320	240,343	247,247	246
321	240,258	247,247	246
322	240,173	247,247	246
323	240,088	247,247	246
324	240,003	247,247	246
325	239,918	247,247	246
326	239,833	247,247	246
327	239,748	247,247	246
328	239,663	247,247	246
329	239,578	247,247	246
330	239,493	247,247	246
331	239,408	247,247	246
332	239,323	247,247	246
333	239,238	247,247	246
334	239,153	247,247	246
335	239,068	247,247	246
336	238,983	247,247	246
337	238,898	247,247	246
338	238,813	247,247	246
339	238,728	247,247	246
340	238,643	247,247	246
341	238,558	247,247	246
342	238,473	247,247	246
343	238,388	247,247	246
344	238,303	247,247	246
345	238,218	247,247	246
346	238,133	247,247	246
347	238,048	247,247	246
348	237,963	247,247	246
349	237,878	247,247	246
350	237,793	247,247	246
351	237,708	247,247	246
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356	237,283	247,247	246
357	237,198	247,247	246
358	237,113	247,247	246
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360	236,943	247,247	246
361	236,858	247,247	246
362	236,773	247,247	246
363	236,688	247,247	246
364	236,603	247,247	246
365	236,518	247,247	246
366	236,433	247,247	246
367	236,348	247,247	246
368	236,263	247,247	246
369	236,178	247,247	246
370	236,093	247,247	246
371	236,008	247,247	246
372	235,923	247,247	246
373	235,838	247,247	246
374	235,753	247,247	246
375	235,668	247,247	246
376	235,583	247,247	246
377	235,498	247,247	246
378	235,413	247,247	246
379	235,328	247,247	246
380	235,243	247,247	246
381	235,158	247,247	246
382	235,073	247,247	246
383	234,988	247,247	246
384	234,903	247,247	246
385	234,818	247,247	246
386	234,733	247,247	246
387	234,648	247,247	246
388	234,563	247,247	246
389	234,478	247,247	246
390	234,393	247,247	246
391	234,308	247,247	246
392	234,223	247,247	246
393	234,138	247,247	246
394	234,053	247,247	246
395	233,968	247,247	246
396	233,883	247,247	246
397	233,798	247,247	246
398	233,713	247,247	246
399	233,628	247,247	246
400	233,543	247,247	246



EIXO DA ESTRADA: OLINDA - SÃO JOSÉ

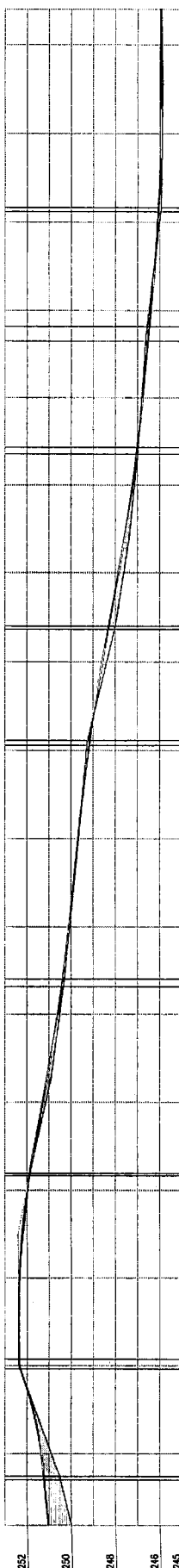


Prefeitura Municipal de Solonopole  
 Recuperação de Estradas Vicinais no Município de Solonopole / SP  
 Trecho: Olinda - São José  
 Estaqueamento e Perfil Longitudinal  
 Projeto: 3-GEOMETRICO.DWG  
 Arquivo:

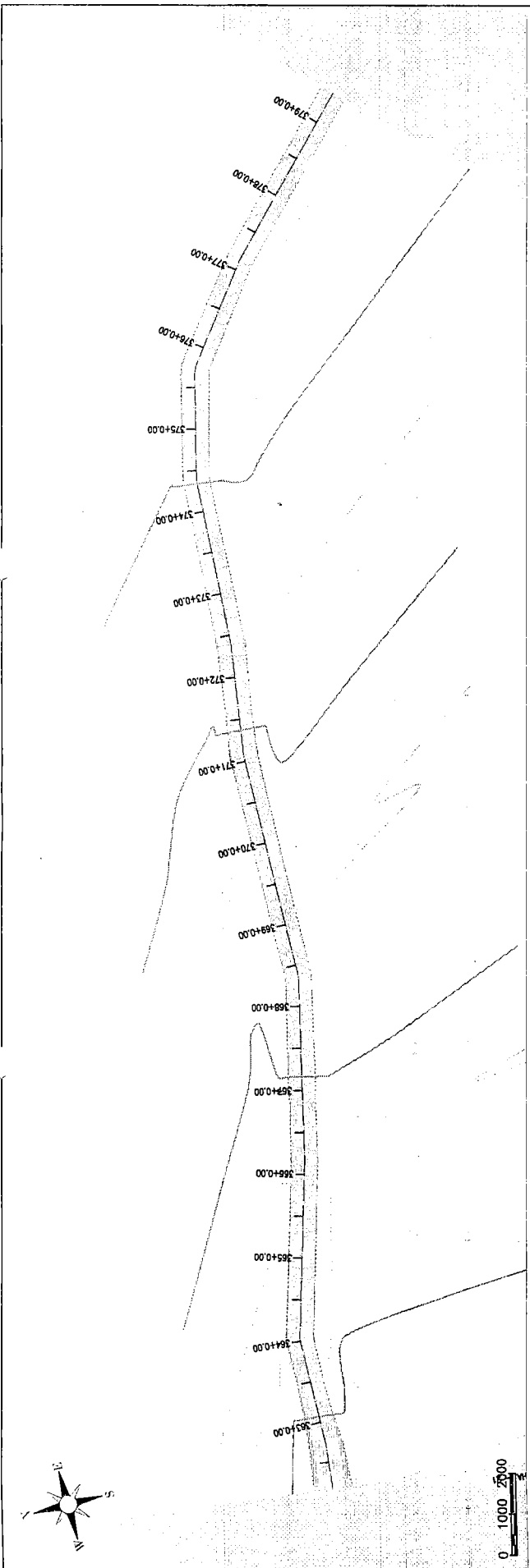


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Estação	Alt. de Referência	Alt. de Projeto	Alt. de Terreno
0+00	246,805	246,805	246,805
0+02	246,805	246,805	246,805
0+04	246,805	246,805	246,805
0+06	246,805	246,805	246,805
0+08	246,805	246,805	246,805
0+10	246,805	246,805	246,805
0+12	246,805	246,805	246,805
0+14	246,805	246,805	246,805
0+16	246,805	246,805	246,805
0+18	246,805	246,805	246,805
0+20	246,805	246,805	246,805
0+22	246,805	246,805	246,805
0+24	246,805	246,805	246,805
0+26	246,805	246,805	246,805
0+28	246,805	246,805	246,805
0+30	246,805	246,805	246,805
0+32	246,805	246,805	246,805
0+34	246,805	246,805	246,805
0+36	246,805	246,805	246,805
0+38	246,805	246,805	246,805
0+40	246,805	246,805	246,805
0+42	246,805	246,805	246,805
0+44	246,805	246,805	246,805
0+46	246,805	246,805	246,805
0+48	246,805	246,805	246,805
0+50	246,805	246,805	246,805
0+52	246,805	246,805	246,805
0+54	246,805	246,805	246,805
0+56	246,805	246,805	246,805
0+58	246,805	246,805	246,805
0+60	246,805	246,805	246,805
0+62	246,805	246,805	246,805
0+64	246,805	246,805	246,805
0+66	246,805	246,805	246,805
0+68	246,805	246,805	246,805
0+70	246,805	246,805	246,805
0+72	246,805	246,805	246,805
0+74	246,805	246,805	246,805
0+76	246,805	246,805	246,805
0+78	246,805	246,805	246,805
0+80	246,805	246,805	246,805
0+82	246,805	246,805	246,805
0+84	246,805	246,805	246,805
0+86	246,805	246,805	246,805
0+88	246,805	246,805	246,805
0+90	246,805	246,805	246,805
0+92	246,805	246,805	246,805
0+94	246,805	246,805	246,805
0+96	246,805	246,805	246,805
0+98	246,805	246,805	246,805
1+00	246,805	246,805	246,805



EIXO DA ESTRADA: OLINDA - SÃO JOSÉ



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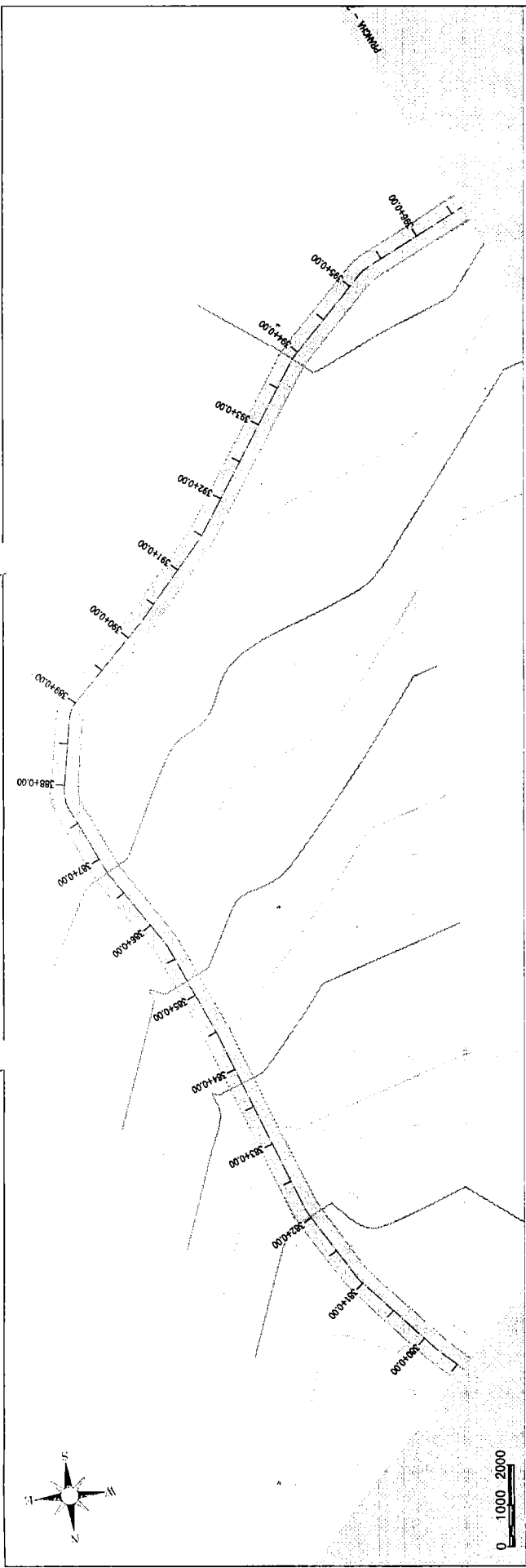
PREFEITURA MUNICIPAL DE SOLOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**



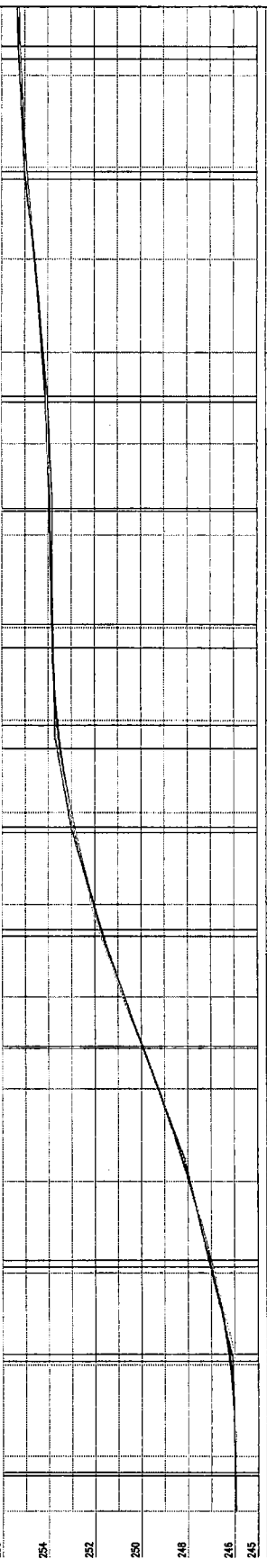
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PROJETISTA  
 ARQUIVO

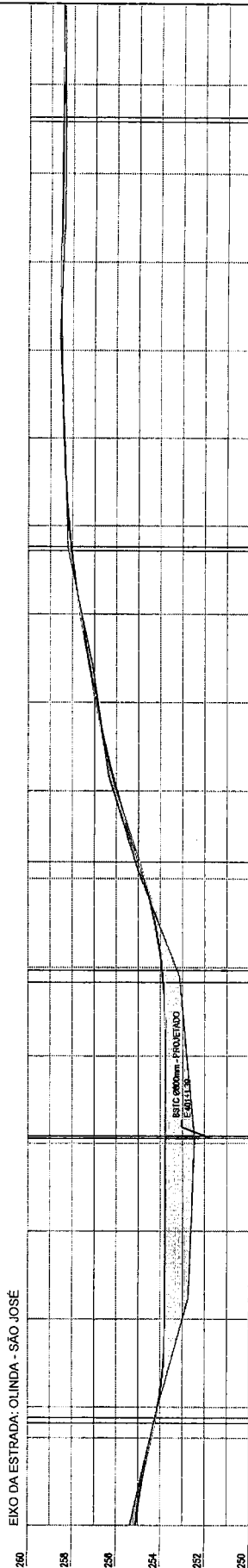
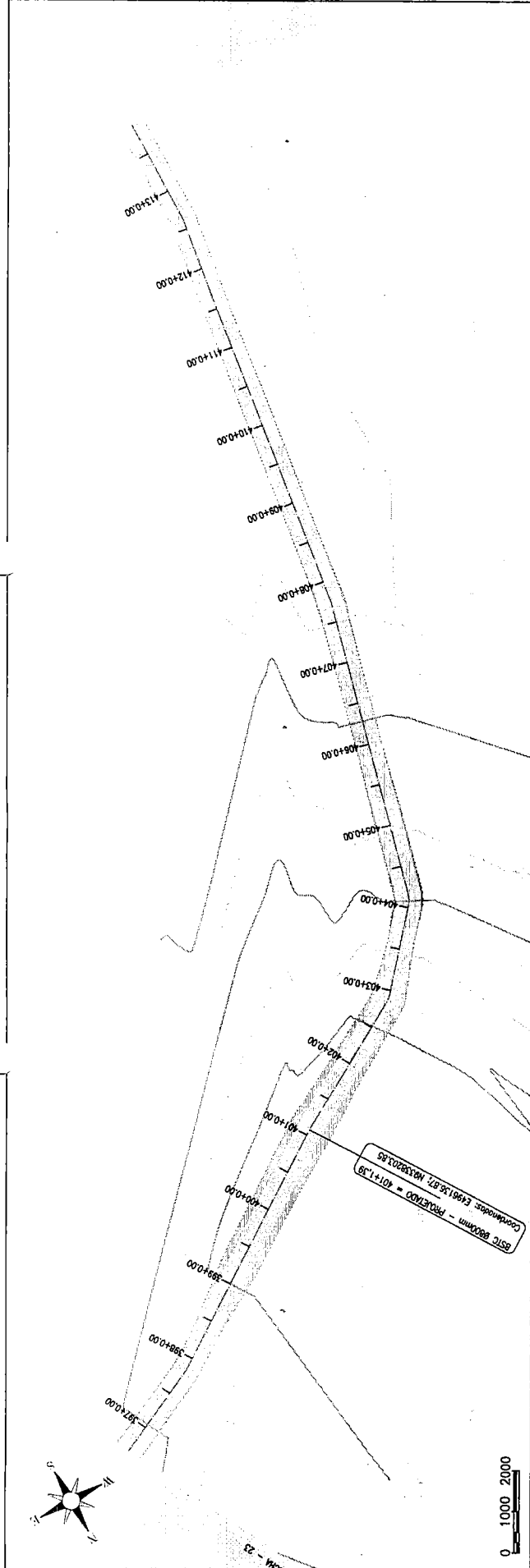
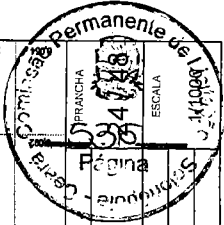
3 - GEOMÉTRICO.DWG



EIXO DA ESTRADA: OLINDA - SÃO JOSÉ



Estacão	Alt. de Referência	Alt. do Terreno	Alt. da Estrada
387+00	245,874	245,830	245,874
387+20	245,883	245,985	245,883
387+40	246,182	246,096	246,182
387+60	246,884	246,985	246,884
387+80	247,987	247,919	247,987
388+00	248,278	248,281	248,278
388+20	250,781	250,721	250,781
388+40	252,043	252,042	252,043
388+60	253,014	253,157	253,014
388+80	253,821	253,736	253,821
389+00	253,273	253,783	253,273
389+20	253,823	253,833	253,823
389+40	254,227	253,933	254,227
389+60	254,328	254,188	254,328
389+80	254,587	254,588	254,587
390+00	254,838	254,824	254,838
390+20	254,872	254,227	254,872



Est. Horizontal	Est. de Eixo	250	252	254	256	258	260
386	386	254,105	253,383	252,661	251,939	251,217	250,495
387	387	254,110	253,389	252,667	251,945	251,223	250,501
388	388	254,115	253,394	252,672	251,950	251,228	250,506
389	389	254,120	253,399	252,677	251,955	251,233	250,511
390	390	254,125	253,404	252,682	251,960	251,238	250,516
391	391	254,130	253,409	252,687	251,965	251,243	250,521
392	392	254,135	253,414	252,692	251,970	251,248	250,526
393	393	254,140	253,419	252,697	251,975	251,253	250,531
394	394	254,145	253,424	252,702	251,980	251,258	250,536
395	395	254,150	253,429	252,707	251,985	251,263	250,541
396	396	254,155	253,434	252,712	251,990	251,268	250,546
397	397	254,160	253,439	252,717	251,995	251,273	250,551
398	398	254,165	253,444	252,722	252,000	251,278	250,556
399	399	254,170	253,449	252,727	252,005	251,283	250,561
400	400	254,175	253,454	252,732	252,010	251,288	250,566
401	401	254,180	253,459	252,737	252,015	251,293	250,571
402	402	254,185	253,464	252,742	252,020	251,298	250,576
403	403	254,190	253,469	252,747	252,025	251,303	250,581
404	404	254,195	253,474	252,752	252,030	251,308	250,586
405	405	254,200	253,479	252,757	252,035	251,313	250,591
406	406	254,205	253,484	252,762	252,040	251,318	250,596
407	407	254,210	253,489	252,767	252,045	251,323	250,601
408	408	254,215	253,494	252,772	252,050	251,328	250,606
409	409	254,220	253,499	252,777	252,055	251,333	250,611
410	410	254,225	253,504	252,782	252,060	251,338	250,616
411	411	254,230	253,509	252,787	252,065	251,343	250,621
412	412	254,235	253,514	252,792	252,070	251,348	250,626
413	413	254,240	253,519	252,797	252,075	251,353	250,631

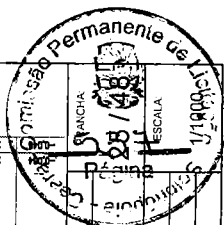
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: ARQUIVO: 3 - GEOMÉTRICO.DWG



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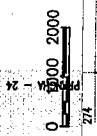
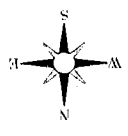
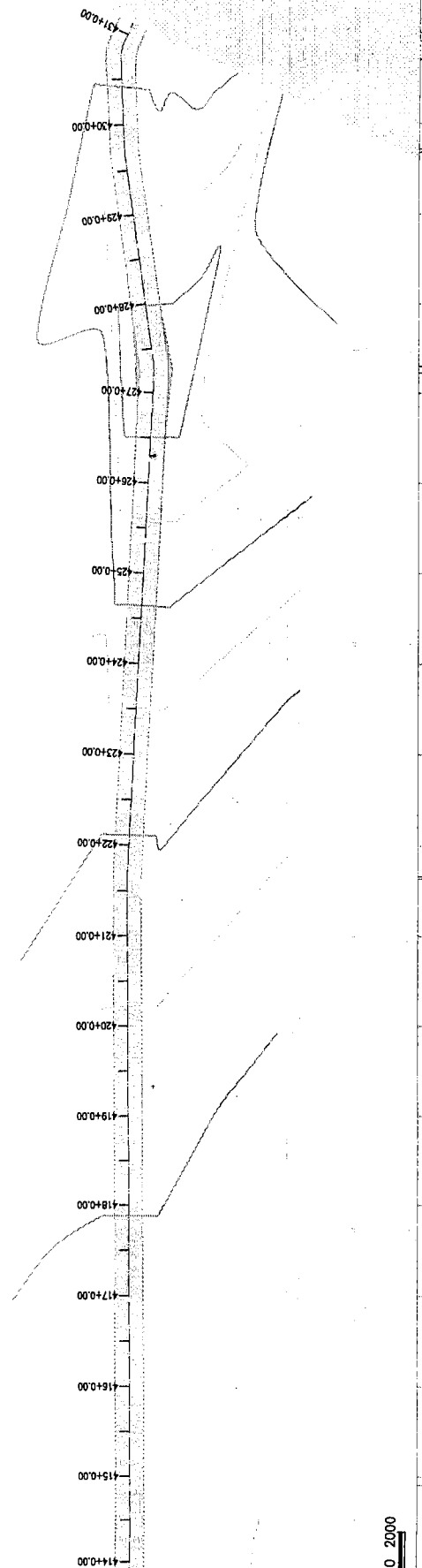
PREFEITURA MUNICIPAL DE SOLOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA  
 ARQUIVO 3-GEOMETRICO.DWG



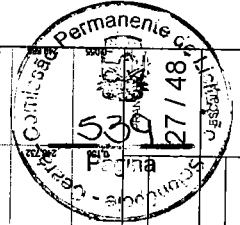
*Cláudio Wilson*

Sta. de Início	Sta. de Término	Alt. de Início	Alt. de Término	Queda
431	430	282,282	283,337	0,045
430	429	282,279	284,058	0,027
429	428	282,282	284,973	-0,041
428	427	282,237	285,549	-0,312
427	426	284,630	284,630	-0,005
426	425	283,378	283,378	-0,000
425	424	282,629	282,629	0,000
424	423	281,598	281,598	0,000
423	422	280,927	280,927	0,000
422	421	280,303	280,303	0,000
421	420	280,968	280,968	0,000
420	419	280,376	280,376	0,000
419	418	280,114	280,030	0,079
418	417	280,817	280,779	0,130
417	416	280,752	280,594	0,158
416	415	280,004	280,004	0,000
415	414+18,00	284,897	284,897	0,000
414	413	284,812	284,812	0,000









1/1000

PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

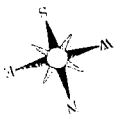
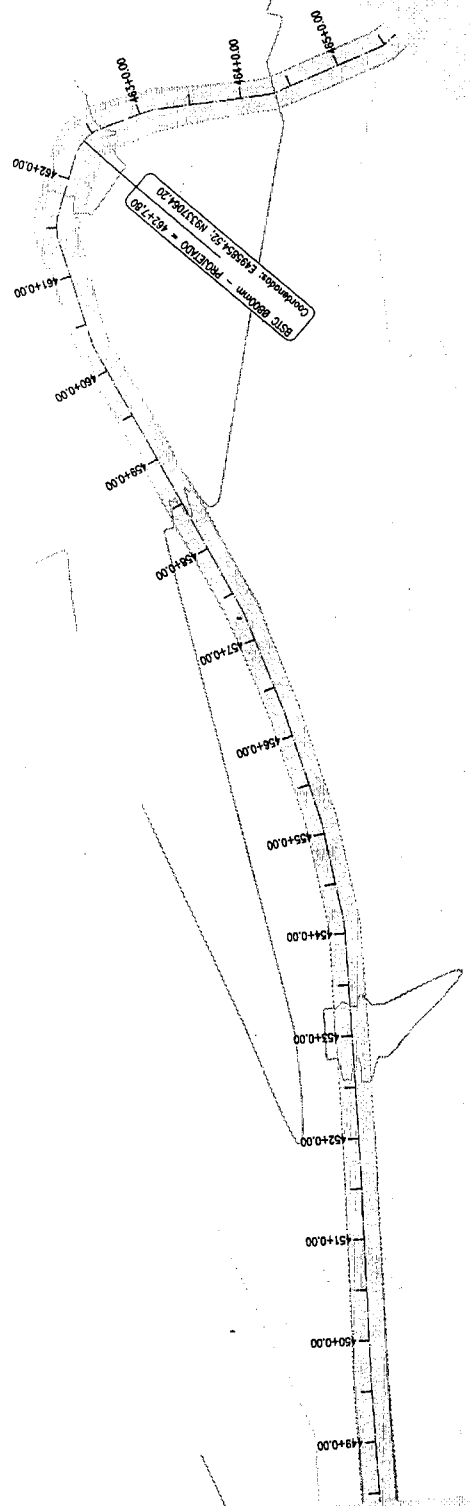
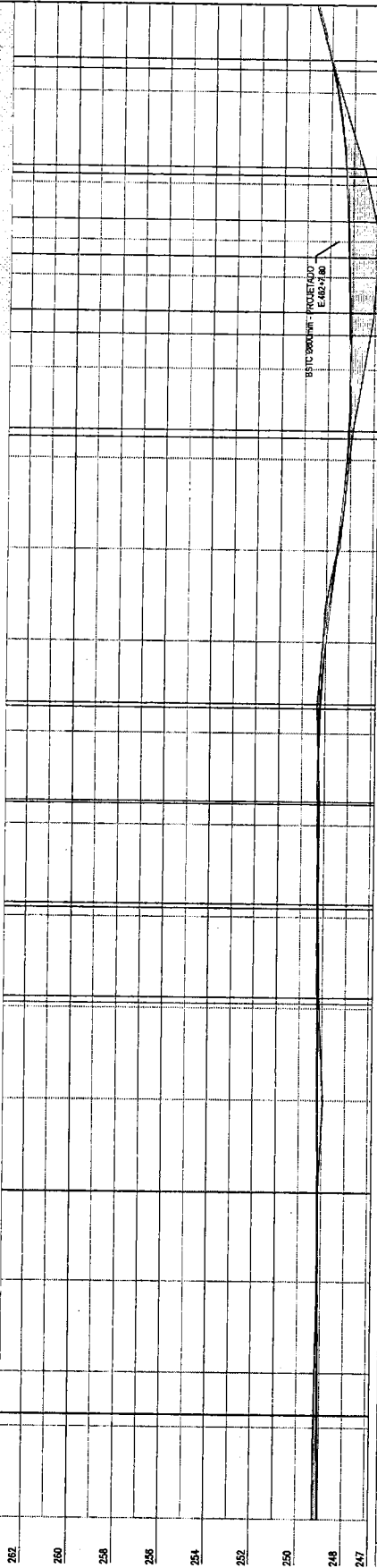
PROJETISTA  
 ARQUIVO

3 - GEOMÉTRICO.DWG

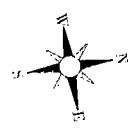


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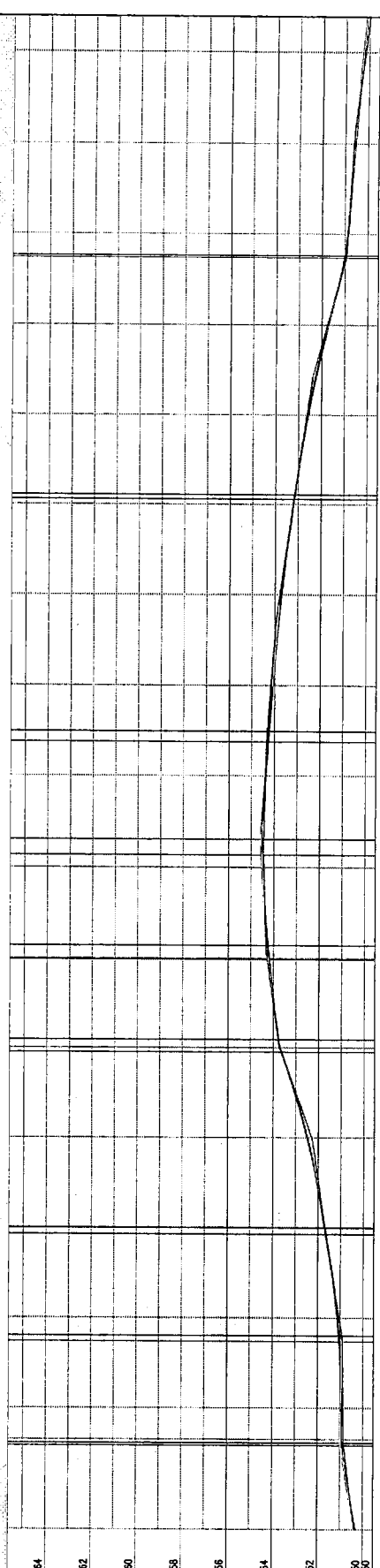
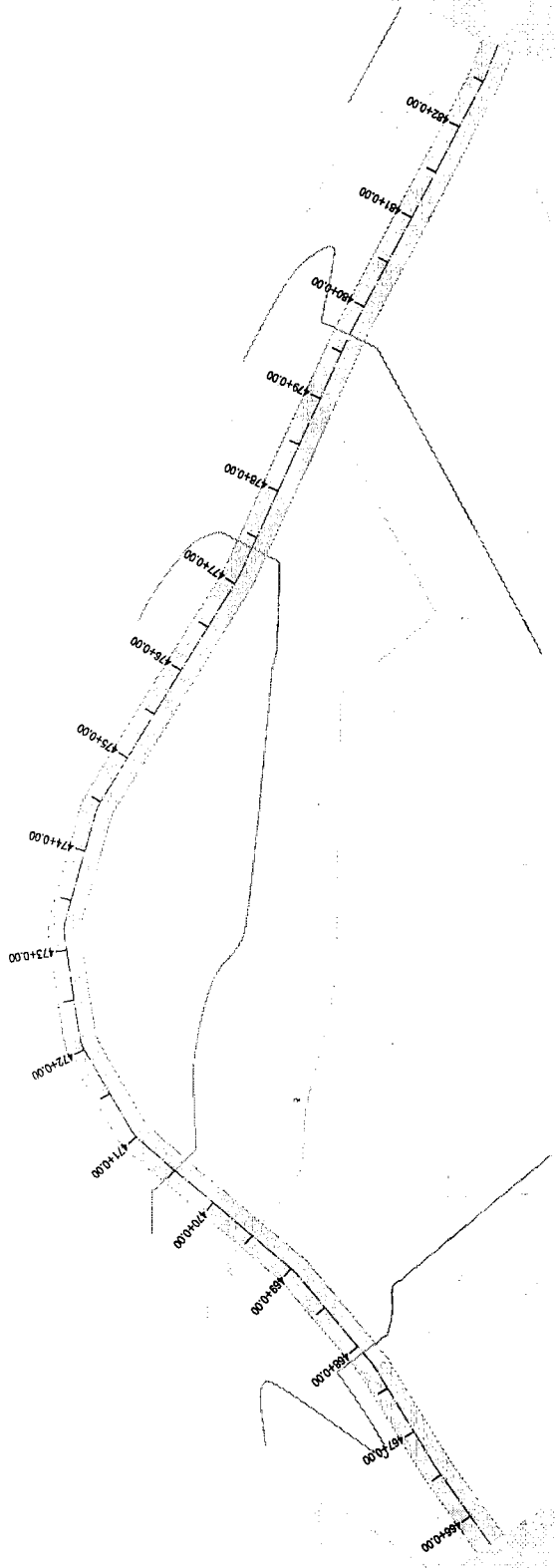
Estaca	Alt. Terreno	Alt. Projeto	Inclinação
449	248,255	248,255	0,00
450	248,250	248,250	-0,172
451	248,157	248,157	-0,041
452	248,142	248,142	0,004
453	248,941	248,941	0,239
454	248,131	248,131	0,075
455	248,208	248,208	0,027
456	248,210	248,210	0,027
457	248,252	248,252	-0,054
458	248,118	248,118	-0,114
459	248,075	248,075	0,077
460	248,146	248,146	0,098
461	247,448	247,448	0,288
462	248,054	248,054	1,191
463	247,200	247,200	0,814
464	248,578	248,578	1,360
465	248,271	248,271	1,260



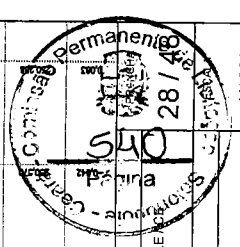
0 - 1000 - 2000



0 1000 2000



Estação	Alt. Original (m)	Alt. Proposta (m)	Inclinação (%)
464+00	250,938	250,938	0,00
465+00	250,371	250,371	0,00
466+00	250,374	250,374	0,03
467+00	251,001	251,001	0,78
468+00	251,868	251,868	-0,08
469+00	252,281	252,281	0,20
470+00	253,704	253,704	-0,03
471+00	254,208	254,208	-0,06
472+00	254,530	254,530	0,02
473+00	254,300	254,300	0,00
474+00	254,150	254,150	-0,78
475+00	253,766	253,766	-0,70
476+00	253,208	253,208	-0,16
477+00	252,830	252,830	-0,05
478+00	251,757	251,757	-0,04
479+00	250,855	250,855	0,00
480+00	250,812	250,812	0,00
481+00	250,155	250,155	0,00
482+00	250,155	250,155	0,00



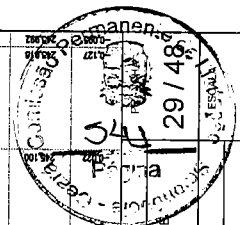
PREFEITURA MUNICIPAL DE SOLOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE - SP  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL



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PROJETISTA  
 ARQUIVO: 3-GEOMÉTRICO.DWG

1/1000



1/1000

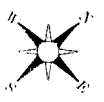
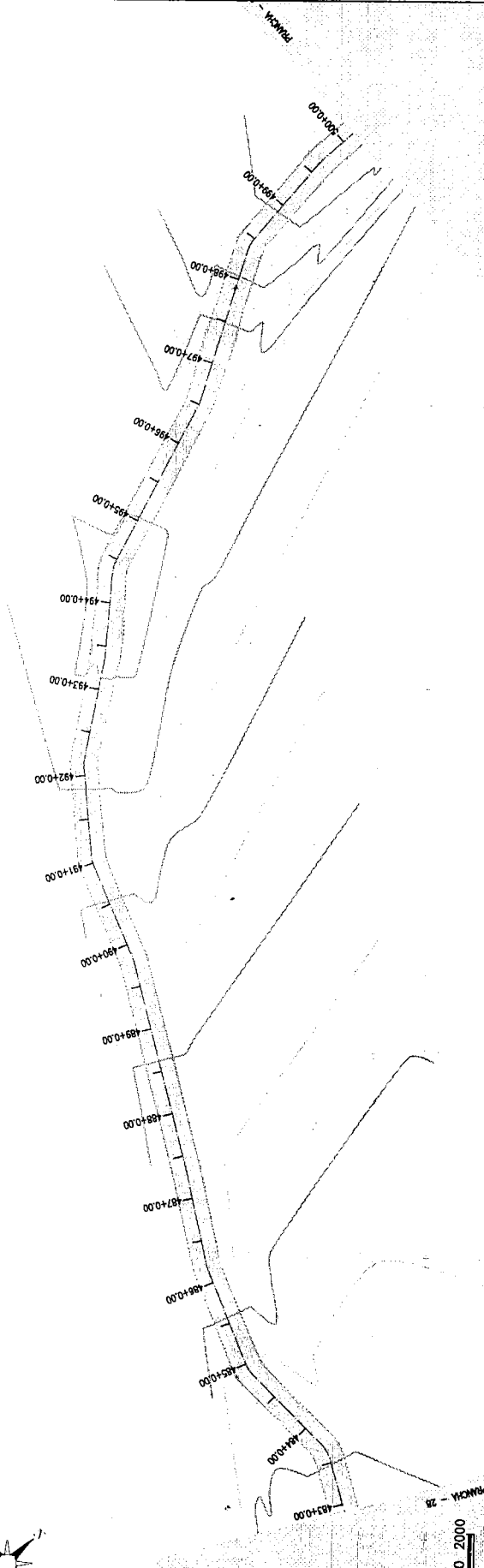
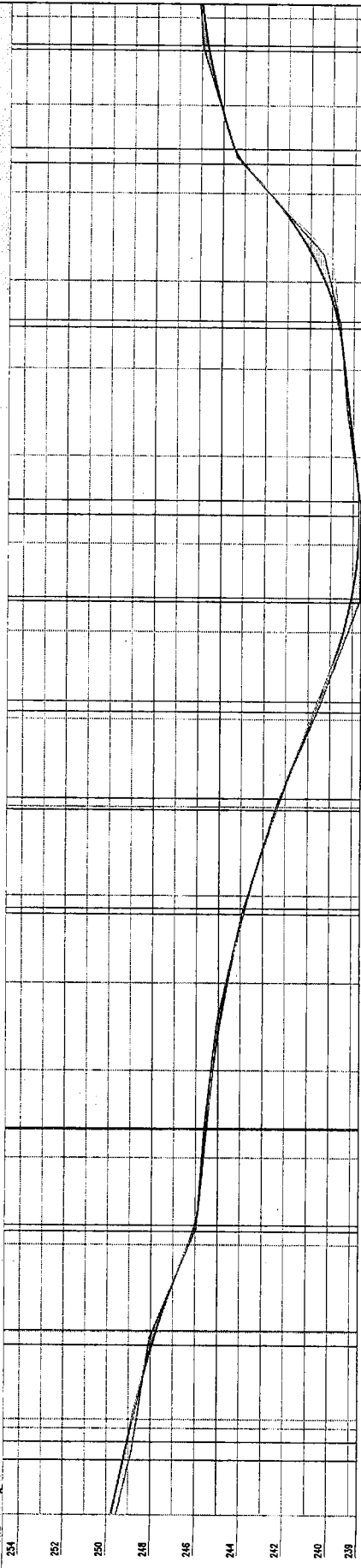
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAS NO MUNICÍPIO DE SOLONOPOLE/PR  
 TRECHO: OLINDA - SÃO JOSÉ  
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA  
 ARQUIVO: 3 - GEOMÉTRICO.DWG

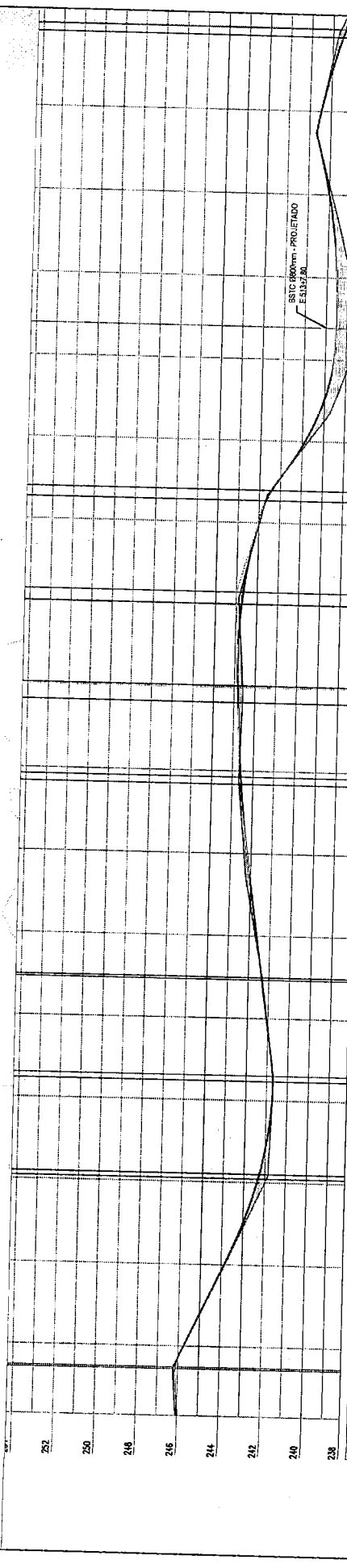
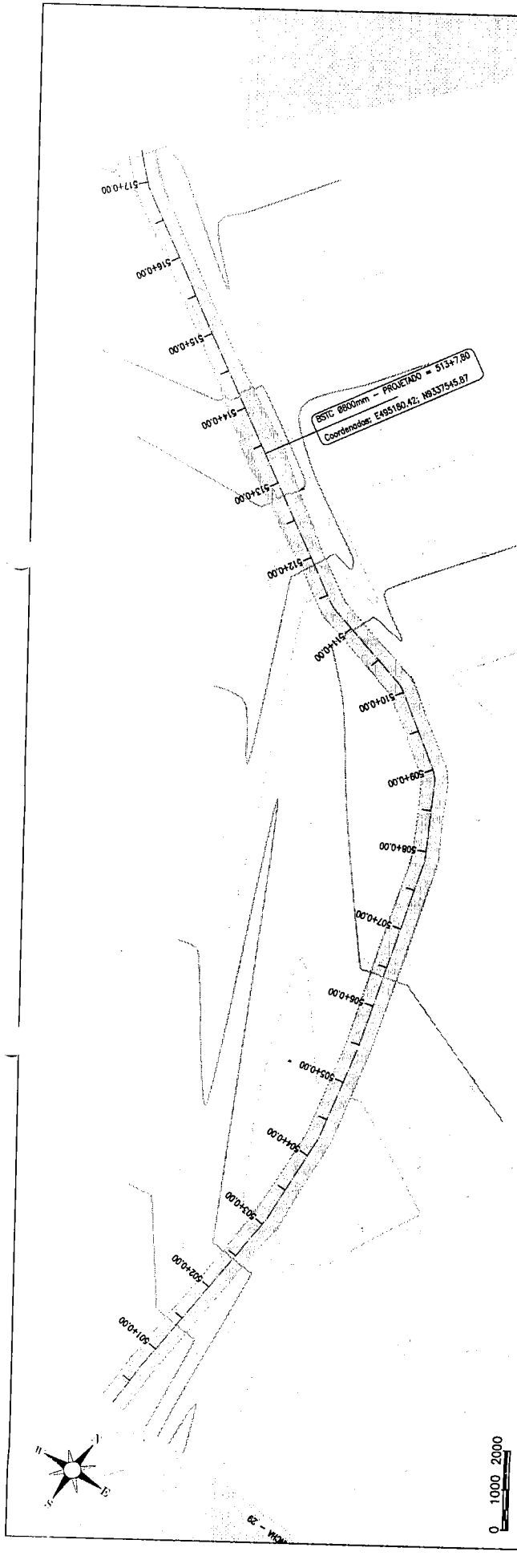


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CH	Data de entrega Impressão	Data de impr.	Data de Edição
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0.230	24.6.22	24.6.20	401
0.229	24.6.22	24.6.20	402
0.182	24.7.20	24.7.17	485
0.041	24.6.20	24.6.20	486
-0.072	24.6.20	24.6.22	487
-0.075	24.6.24	24.6.18	488
-0.058	24.4.27	24.6.23	489
-0.024	24.6.23	24.6.27	490
-0.071	24.2.24	24.2.25	491
0.131	24.6.22	24.6.22	492
0.217	23.6.13	23.6.18	493
0.108	23.6.14	23.6.23	494
-0.022	23.6.27	23.6.27	495
-0.034	23.6.20	23.6.24	496
0.237	24.6.20	24.6.23	497
-0.020	24.2.15	24.2.14	498
24.6.27	24.6.27	24.6.27	500



0 1000 2000  
 ESCALA - 25



Estação	Elevação (m)	Estação	Elevação (m)
500	246,087	513	238,877
501	245,717	514	238,822
502	243,897	515	238,875
503	242,370	516	240,487
504	241,728	517	238,817
505	242,094		
506	242,055		
507	243,208		
508	242,714		
509	243,816		
510	243,741		
511	242,988		
512	242,720		
513	238,756		
514	238,877		
515	238,877		
516	240,487		
517	238,817		



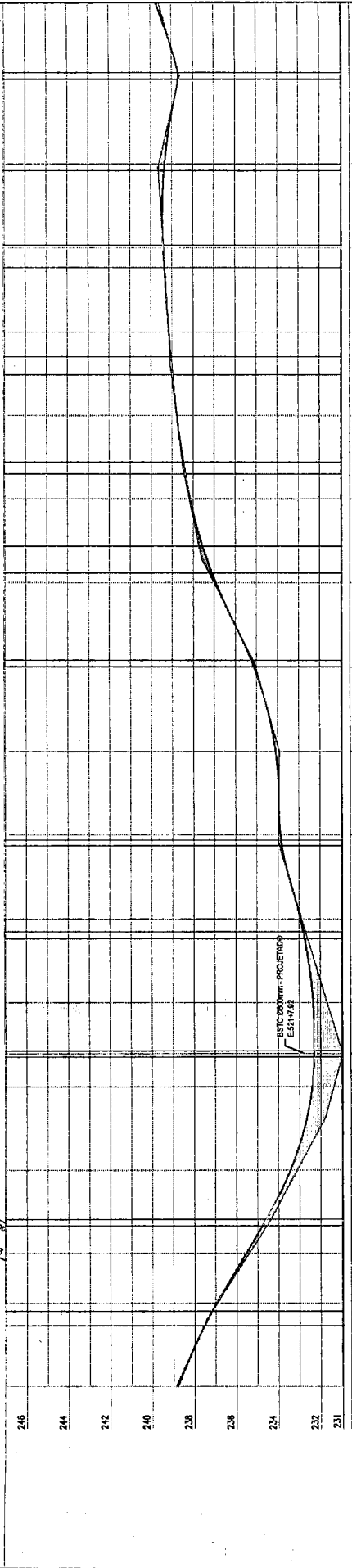
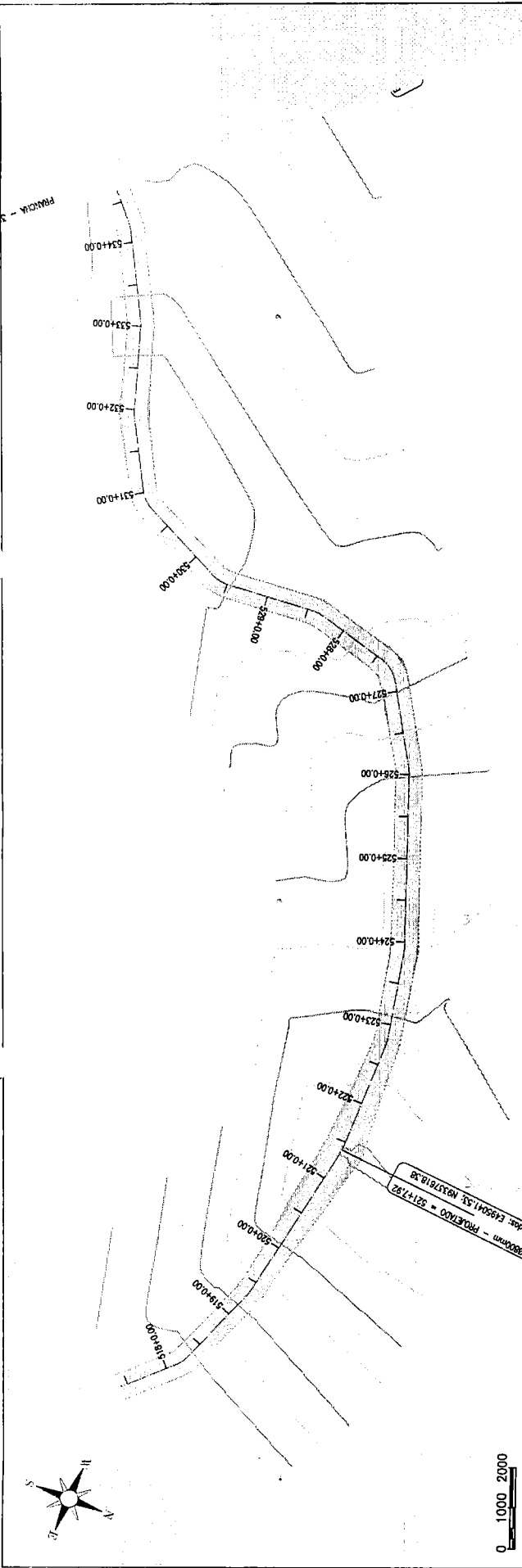
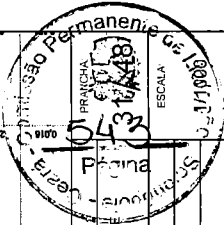
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL



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PROJETISTA  
 ARQUIVO

3 - GEOMÉTRICO.DWG



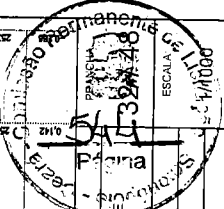
Estaca	Cota do terreno	Cota da elevação
518+00	230,928	230,928
519+00	230,398	230,398
520+00	233,117	233,117
521+00	232,442	232,442
522+00	230,850	230,850
523+00	232,345	232,345
524+00	232,079	232,079
525+00	232,064	232,064
526+00	233,973	233,973
527+00	233,890	233,890
528+00	233,300	233,300
529+00	232,111	232,111
530+00	232,925	232,925
531+00	232,184	232,184
532+00	232,711	232,711
533+00	232,150	232,150
534+00	232,412	232,412

PREFEITURA MUNICIPAL DE SOLOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE / SP  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAAQUEAMENTO E PERFIL LONGITUDINAL



PROJETA ARQUIVO 3-GEOMETRICO.DWG

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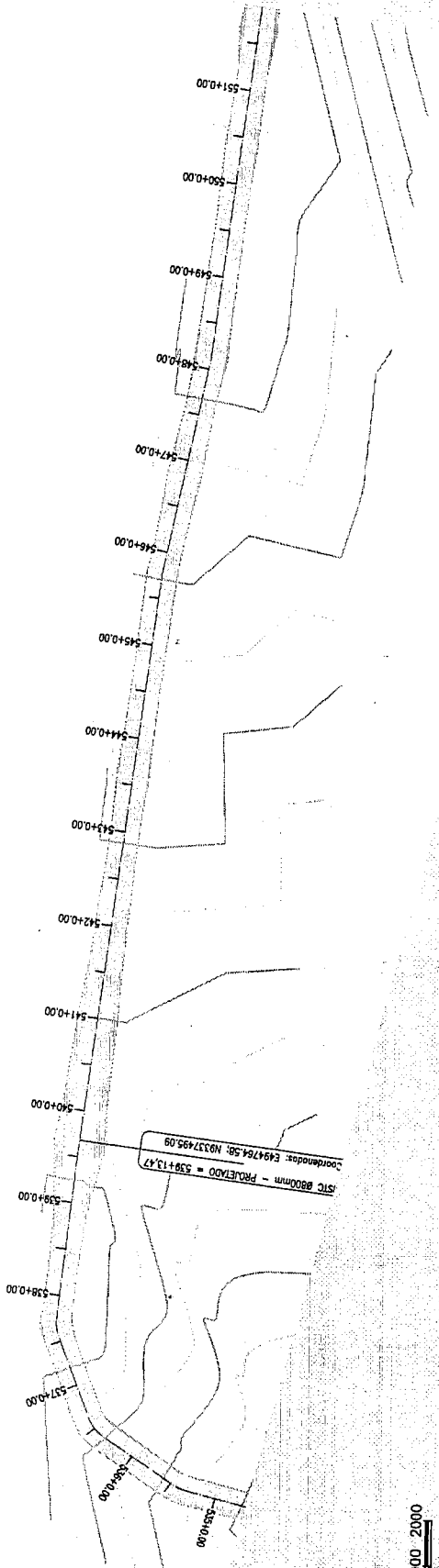
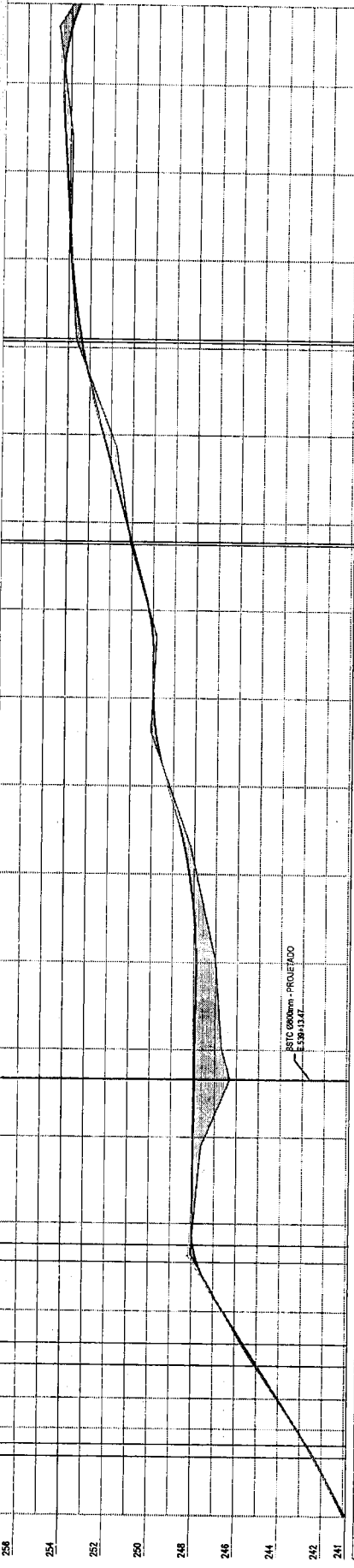
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE (PR)  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

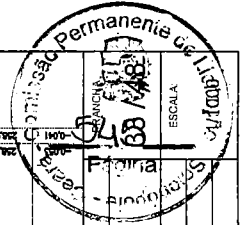
PROJETISTA:  
 ARQUIVO: 3 - GEOMETRICO.DWG



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Estaca	Alt. Original (m)	Alt. Proposta (m)	Alt. Projeto (m)
501	253,922	253,922	253,922
502	254,133	253,907	253,907
503	253,964	253,898	253,898
504	253,201	253,187	253,187
505	252,202	251,843	251,843
506	251,254	251,214	251,214
507	250,161	250,166	250,166
508	249,056	248,898	248,898
509	248,238	248,172	248,172
510	248,227	247,881	247,881
511	247,800	246,898	246,898
512	247,024	246,685	246,685
513	247,045	246,329	246,329
514	247,898	247,118	247,118
515	246,026	247,236	247,236
516	246,200	246,357	246,357
517	244,014	244,008	244,008
518	243,128	243,143	243,143
519	240,879	240,885	240,885
520	240,885	240,885	240,885



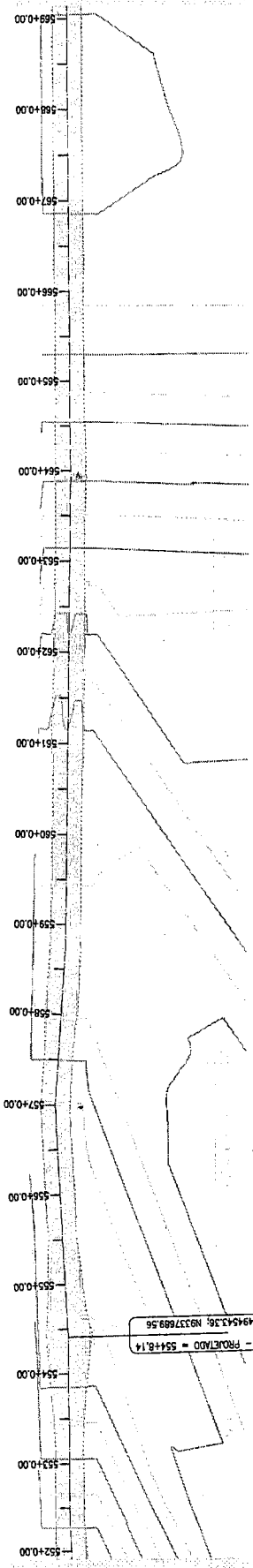


PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTACQUEAMENTO E PERFIL LONGITUDINAL

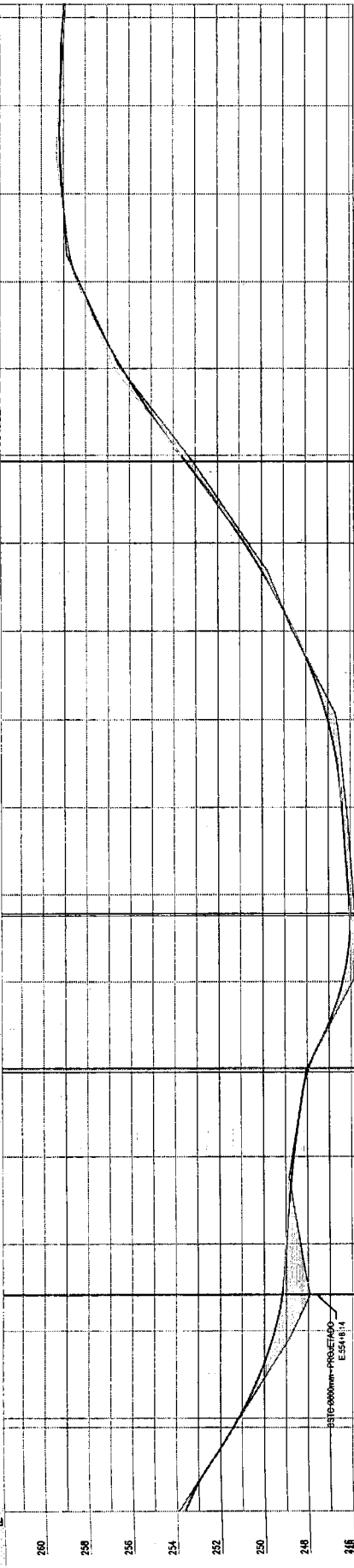
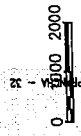
PROJETISTA  
 ARQUIVO 3 - GEOMETRICO.DWG



*Handwritten signature: Paulo Roberto*

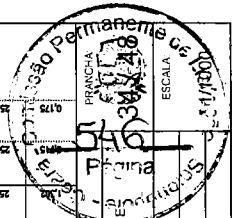


Coordenadas: E=454336, N=33769,56  
 BSC 800mm - PROJETO = 554+8,14



Estaca	Cota de terreno (m)	Cota de projeto (m)	Inclinação (%)
551	253,922	253,922	0,00
552	251,778	251,778	0,00
553	251,141	251,141	0,00
554	249,222	249,222	0,00
555	247,916	247,916	0,00
556	246,354	246,354	0,00
557	245,105	245,105	0,27
558	244,278	244,278	0,42
559	243,968	243,968	0,07
560	243,732	243,732	0,07
561	243,537	243,537	0,07
562	243,402	243,402	0,08
563	243,348	243,348	0,08
564	243,335	243,335	0,07
565	243,312	243,312	0,06
566	243,271	243,271	0,05
567	243,214	243,214	0,05
568	243,171	243,171	0,05
569	243,114	243,114	0,04

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PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE/SP  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTACQUEAMENTO E PERFIL LONGITUDINAL

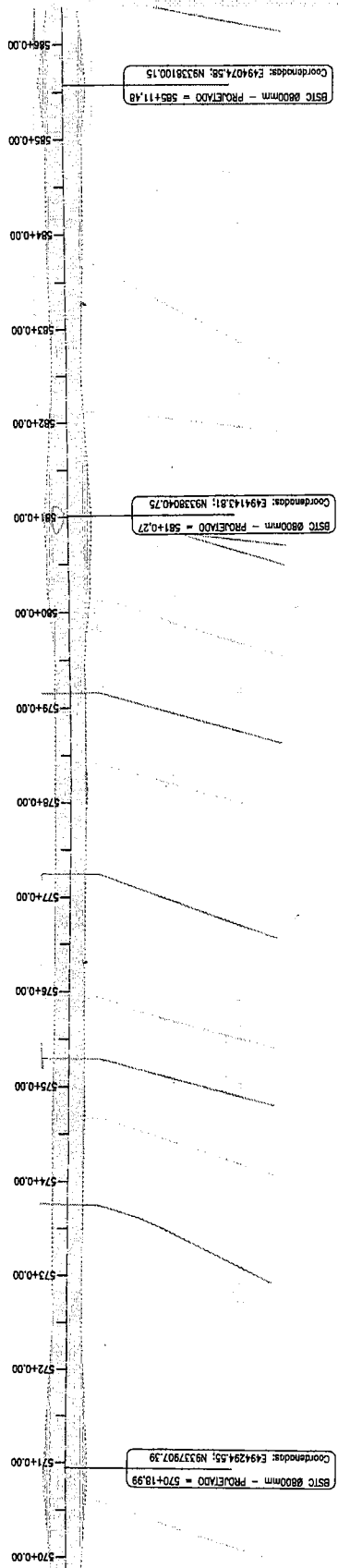


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PROJETISTA  
 ARQUIVO

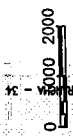
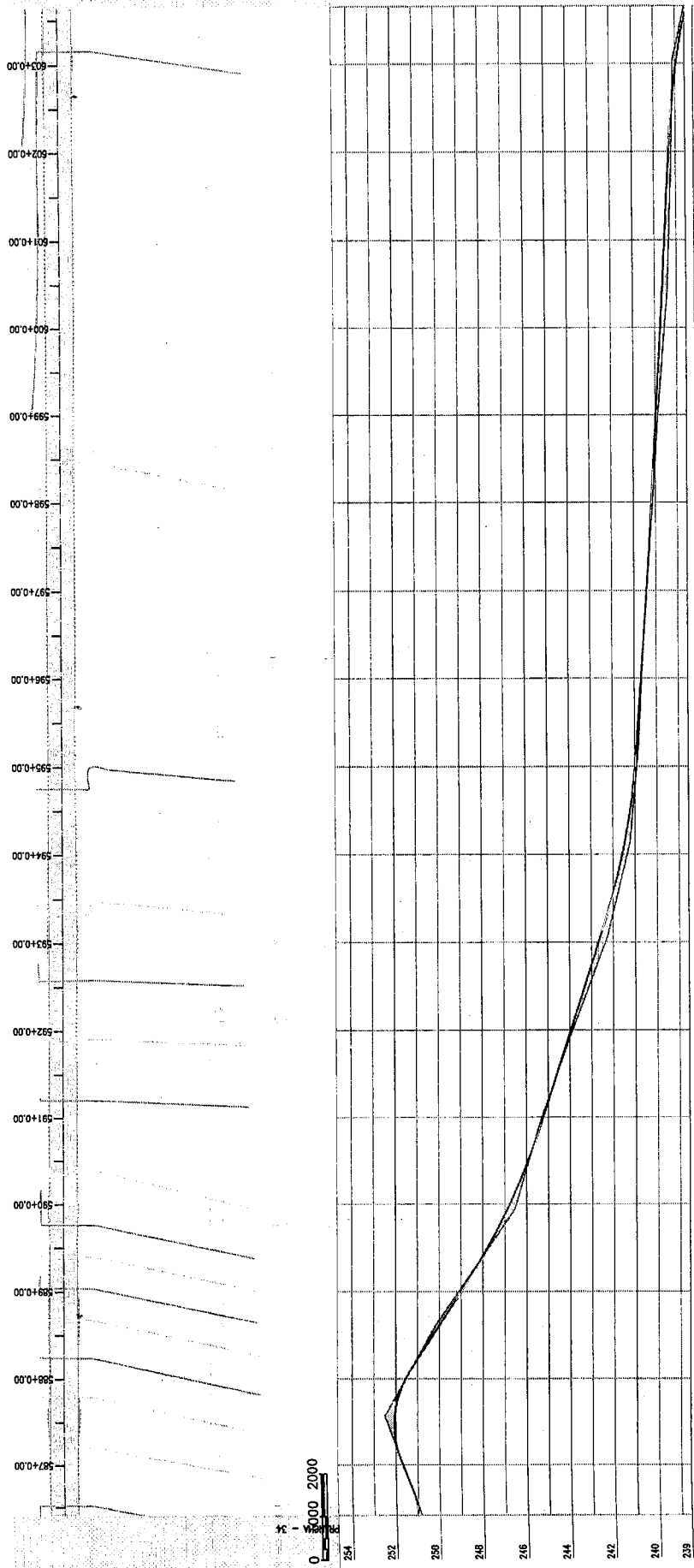
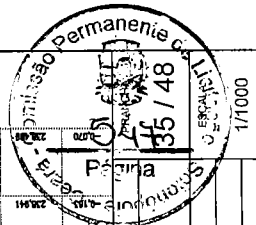
3 - GEOMÉTRICO.DWG

Estaca	Alt. de Referência	Alt. de Projeto	Inclinação (%)
249	249.000	249.000	0.00
250	249.000	249.000	0.00
251	249.000	249.000	0.00
252	249.000	249.000	0.00
253	249.000	249.000	0.00
254	249.000	249.000	0.00
255	249.000	249.000	0.00
256	249.000	249.000	0.00
257	249.000	249.000	0.00
258	249.000	249.000	0.00
259	249.000	249.000	0.00
260	249.000	249.000	0.00
261	249.000	249.000	0.00
262	249.000	249.000	0.00
263	249.000	249.000	0.00
264	249.000	249.000	0.00
265	249.000	249.000	0.00
266	249.000	249.000	0.00
267	249.000	249.000	0.00
268	249.000	249.000	0.00
269	249.000	249.000	0.00
270	249.000	249.000	0.00
271	249.000	249.000	0.00
272	249.000	249.000	0.00
273	249.000	249.000	0.00
274	249.000	249.000	0.00
275	249.000	249.000	0.00
276	249.000	249.000	0.00
277	249.000	249.000	0.00
278	249.000	249.000	0.00
279	249.000	249.000	0.00
280	249.000	249.000	0.00
281	249.000	249.000	0.00
282	249.000	249.000	0.00
283	249.000	249.000	0.00
284	249.000	249.000	0.00
285	249.000	249.000	0.00
286	249.000	249.000	0.00
287	249.000	249.000	0.00
288	249.000	249.000	0.00
289	249.000	249.000	0.00
290	249.000	249.000	0.00
291	249.000	249.000	0.00
292	249.000	249.000	0.00
293	249.000	249.000	0.00
294	249.000	249.000	0.00
295	249.000	249.000	0.00
296	249.000	249.000	0.00
297	249.000	249.000	0.00
298	249.000	249.000	0.00
299	249.000	249.000	0.00
300	249.000	249.000	0.00
301	249.000	249.000	0.00
302	249.000	249.000	0.00
303	249.000	249.000	0.00
304	249.000	249.000	0.00
305	249.000	249.000	0.00
306	249.000	249.000	0.00
307	249.000	249.000	0.00
308	249.000	249.000	0.00
309	249.000	249.000	0.00
310	249.000	249.000	0.00
311	249.000	249.000	0.00
312	249.000	249.000	0.00
313	249.000	249.000	0.00
314	249.000	249.000	0.00
315	249.000	249.000	0.00
316	249.000	249.000	0.00
317	249.000	249.000	0.00
318	249.000	249.000	0.00
319	249.000	249.000	0.00
320	249.000	249.000	0.00
321	249.000	249.000	0.00
322	249.000	249.000	0.00
323	249.000	249.000	0.00
324	249.000	249.000	0.00
325	249.000	249.000	0.00
326	249.000	249.000	0.00
327	249.000	249.000	0.00
328	249.000	249.000	0.00
329	249.000	249.000	0.00
330	249.000	249.000	0.00
331	249.000	249.000	0.00
332	249.000	249.000	0.00
333	249.000	249.000	0.00
334	249.000	249.000	0.00
335	249.000	249.000	0.00
336	249.000	249.000	0.00
337	249.000	249.000	0.00
338	249.000	249.000	0.00
339	249.000	249.000	0.00
340	249.000	249.000	0.00
341	249.000	249.000	0.00
342	249.000	249.000	0.00
343	249.000	249.000	0.00
344	249.000	249.000	0.00
345	249.000	249.000	0.00
346	249.000	249.000	0.00
347	249.000	249.000	0.00
348	249.000	249.000	0.00
349	249.000	249.000	0.00
350	249.000	249.000	0.00
351	249.000	249.000	0.00
352	249.000	249.000	0.00
353	249.000	249.000	0.00
354	249.000	249.000	0.00
355	249.000	249.000	0.00
356	249.000	249.000	0.00
357	249.000	249.000	0.00
358	249.000	249.000	0.00
359	249.000	249.000	0.00
360	249.000	249.000	0.00
361	249.000	249.000	0.00
362	249.000	249.000	0.00
363	249.000	249.000	0.00
364	249.000	249.000	0.00
365	249.000	249.000	0.00
366	249.000	249.000	0.00
367	249.000	249.000	0.00
368	249.000	249.000	0.00
369	249.000	249.000	0.00
370	249.000	249.000	0.00
371	249.000	249.000	0.00
372	249.000	249.000	0.00
373	249.000	249.000	0.00
374	249.000	249.000	0.00
375	249.000	249.000	0.00
376	249.000	249.000	0.00
377	249.000	249.000	0.00
378	249.000	249.000	0.00
379	249.000	249.000	0.00
380	249.000	249.000	0.00
381	249.000	249.000	0.00
382	249.000	249.000	0.00
383	249.000	249.000	0.00
384	249.000	249.000	0.00
385	249.000	249.000	0.00
386	249.000	249.000	0.00
387	249.000	249.000	0.00
388	249.000	249.000	0.00
389	249.000	249.000	0.00
390	249.000	249.000	0.00
391	249.000	249.000	0.00
392	249.000	249.000	0.00
393	249.000	249.000	0.00
394	249.000	249.000	0.00
395	249.000	249.000	0.00
396	249.000	249.000	0.00
397	249.000	249.000	0.00
398	249.000	249.000	0.00
399	249.000	249.000	0.00
400	249.000	249.000	0.00



PRANCHA - 34





Estação	Alt. de Cota de Referência	Alt. de Cota de Projeto	Inclinação (%)
239	231,887	231,887	0,000
240	231,887	231,887	0,000
241	231,887	231,887	0,000
242	231,887	231,887	0,000
243	231,887	231,887	0,000
244	231,887	231,887	0,000
245	231,887	231,887	0,000
246	231,887	231,887	0,000
247	231,887	231,887	0,000
248	231,887	231,887	0,000
249	231,887	231,887	0,000
250	231,887	231,887	0,000
251	231,887	231,887	0,000
252	231,887	231,887	0,000
253	231,887	231,887	0,000
254	231,887	231,887	0,000

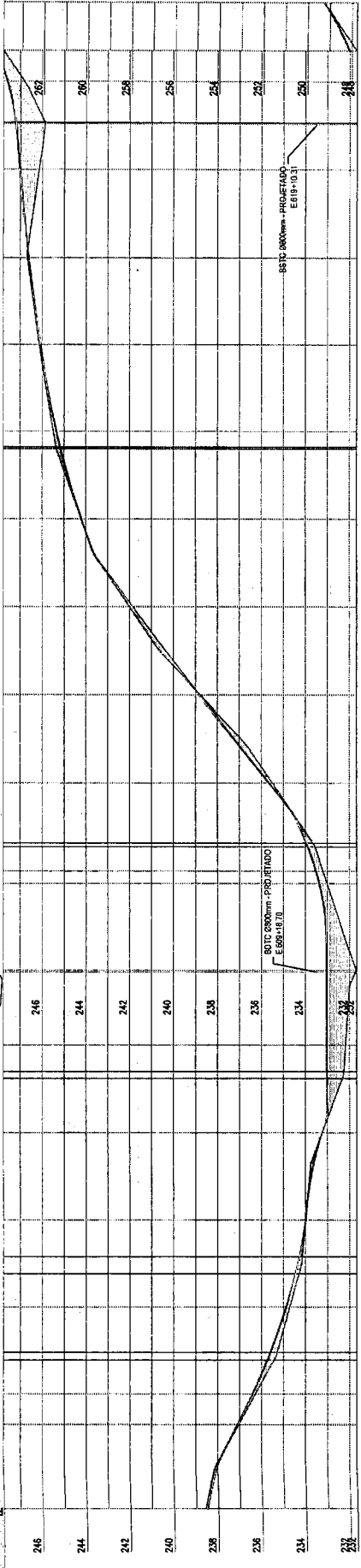
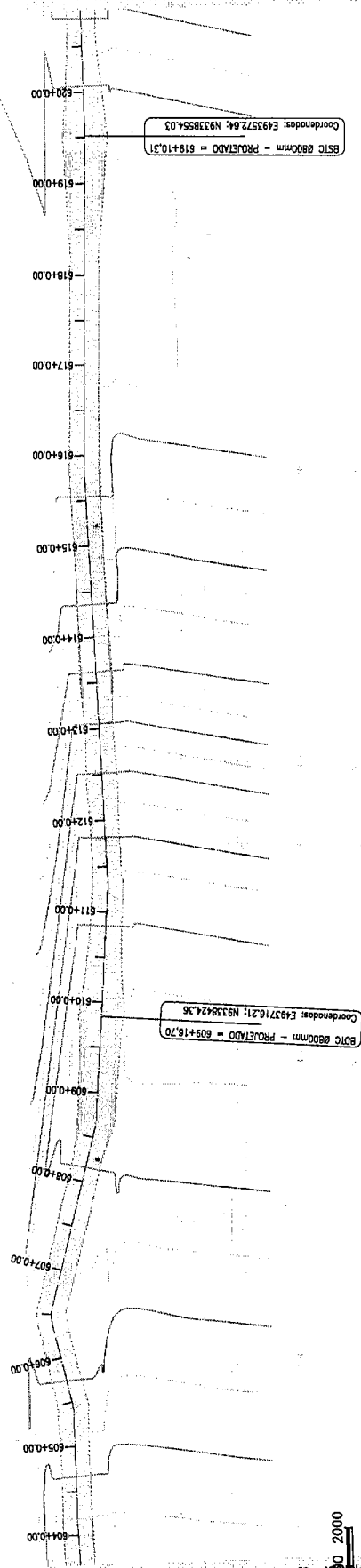
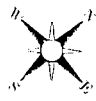
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ



*Handwritten signature*

PROJETISTA  
 ARQUIVO

3 - GEOMÉTRICO.DWG



Data	Ord. de	Ord. de	Ord. de
Estaca	Entrada	Saida	Entrada
232	232,000	232,000	232,000
233	233,000	233,000	233,000
234	234,000	234,000	234,000
235	235,000	235,000	235,000
236	236,000	236,000	236,000
237	237,000	237,000	237,000
238	238,000	238,000	238,000
239	239,000	239,000	239,000
240	240,000	240,000	240,000
241	241,000	241,000	241,000
242	242,000	242,000	242,000
243	243,000	243,000	243,000
244	244,000	244,000	244,000
245	245,000	245,000	245,000
246	246,000	246,000	246,000



PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / SP  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAAQUEAMENTO E PERFIL LONGITUDINAL

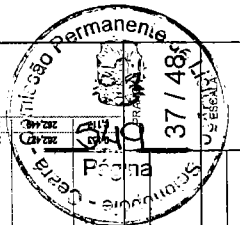


*Handwritten signature or initials.*

PROJETISTA  
 ARQUIVO

3 - GEOMÉTRICO.DWG

1/1000



1/1000

**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE/CE  
TRECHO: OLINDA - SÃO JOSÉ

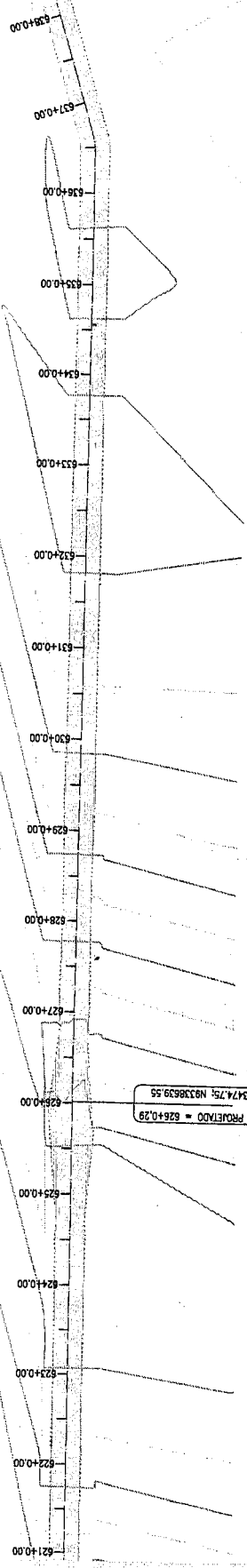
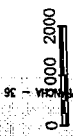
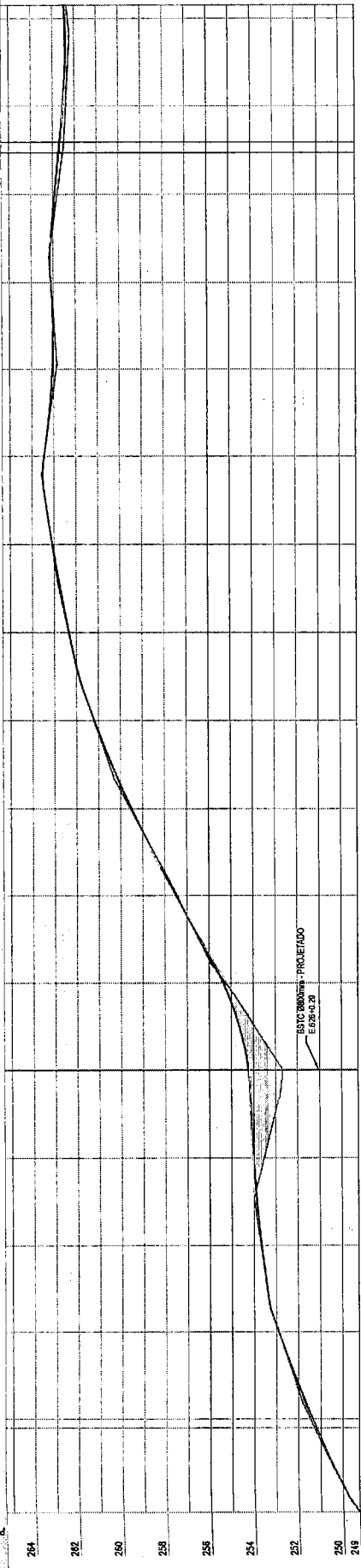
PROJETISTA:  
ARQUIVO

3 - GEOMÉTRICO.DWG



*Handwritten signature: Cleber de Oliveira*

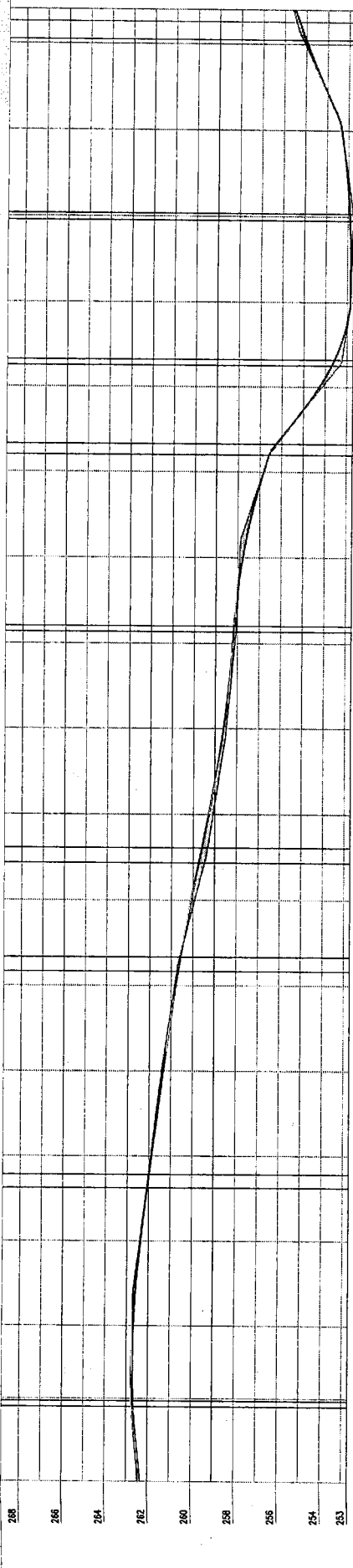
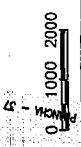
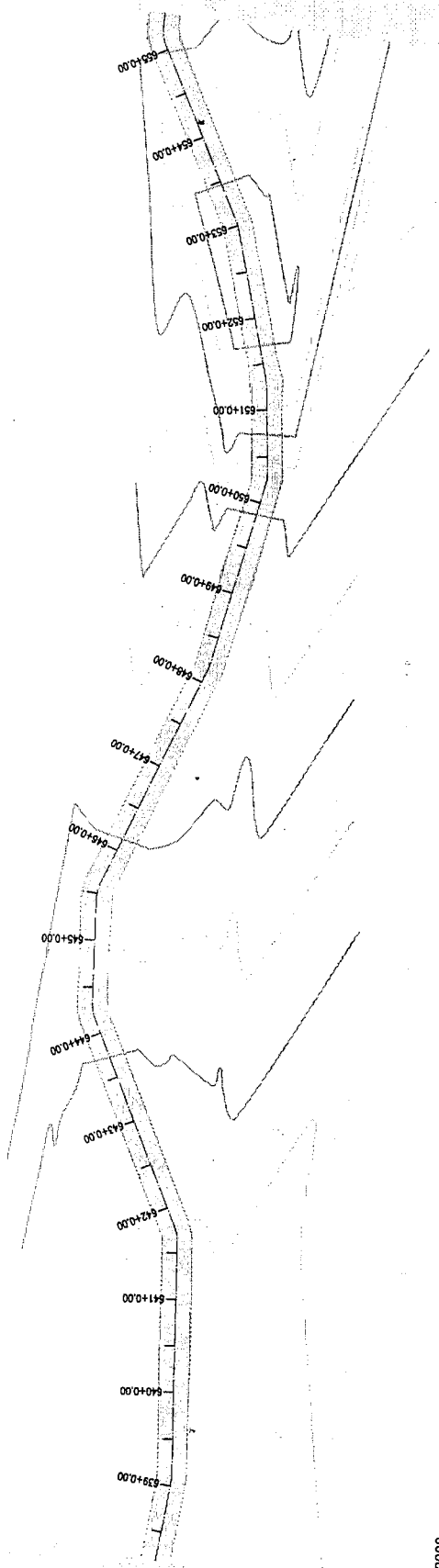
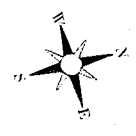
Estaca	Cota de Referência	Cota de Projeto	Inclinação (%)
630	249,255	249,255	0,012
631	249,255	249,255	-0,025
632	251,290	251,290	-0,095
633	251,878	251,878	-0,107
634	251,290	251,290	-0,008
635	252,910	252,910	-0,008
636	253,082	253,082	-0,032
637	253,528	253,528	0,465
638	254,012	254,012	1,748
639	253,530	253,530	0,110
640	257,444	257,444	0,051
641	259,558	259,558	-0,025
642	261,210	261,210	-0,021
643	262,533	262,533	-0,018
644	263,108	263,108	-0,028
645	263,438	263,438	0,000
646	262,987	262,987	0,192
647	263,108	263,108	0,000
648	262,908	262,908	0,121
649	262,331	262,331	0,138
650	262,275	262,275	0,038



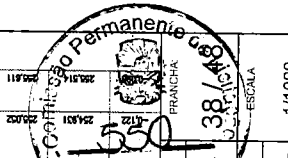
Coordenadas: E493474,75; N833839,55  
BSTC 800mm - PROJETADO = 826+0,29

BSTC 800mm - PROJETADO  
E=28-40,20

PRIMARIA - 57



Data	Data de	Data de	Data de
Verificação	Intervenções	Anterior	Atual
0.117	252.448	252.331	635
0.077	252.781	252.555	636+00.00
-0.020	252.688	252.706	640
-0.028	252.371	252.400	641
-0.038	251.888	251.907	642
-0.064	251.345	251.639	643
-0.057	250.781	250.838	644
0.182	250.082	250.820	645
0.201	250.284	250.803	646
0.131	250.614	250.693	647
0.088	250.205	250.108	648
-0.128	257.785	257.904	649
-0.102	250.816	250.820	650
0.115	254.286	254.151	651
0.001	252.848	252.848	652
0.177	252.806	252.728	653
0.008	253.314	253.313	654
0.122	254.831	252.022	655
0.058	255.611	255.611	656



PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ



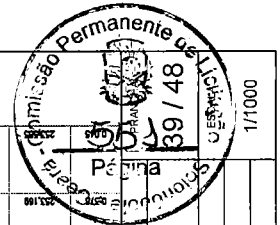
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ESTACQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:  
ARQUIVO:

3 - GEOMÉTRICO.DWG

ESCALA  
1/1000



17/1000

PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAGUEAMENTO E PERFIL LONGITUDINAL

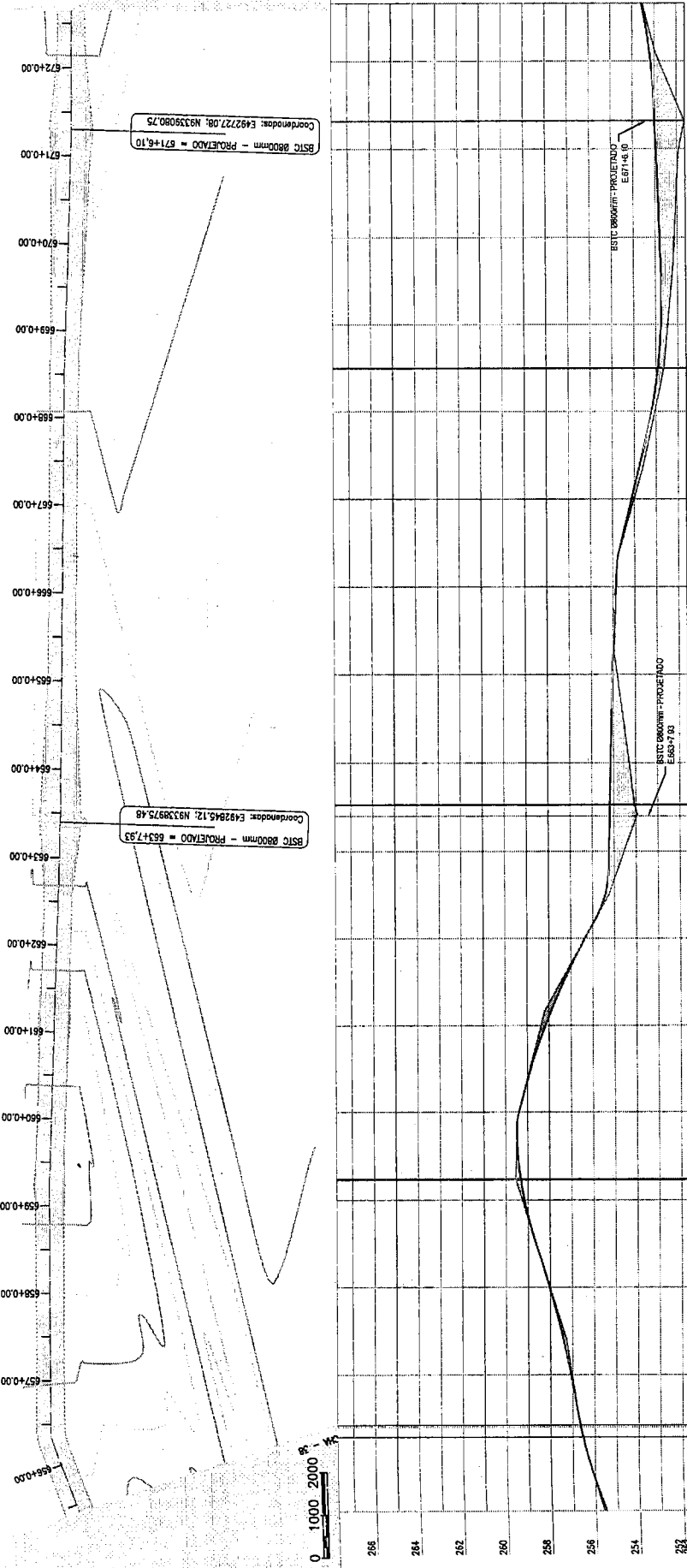


*Handwritten signature*

PROJETISTA  
 ARQUIVO

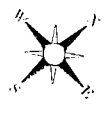
3 - GEOMETRICO.DWG

Cota	Curva	Comprimento	Terreno	Projeto	Estaca
-0,08	254,14	254,811	85		
0,045	257,072	257,072	857		
0,015	256,031	256,015	858		
-0,100	258,164	258,264	859		
0,000	256,262	256,262	860		
-0,202	254,130	254,262	861		
-0,008	254,348	254,358	862		
0,066	254,238	254,238	863		
1,234	251,87	253,863	863+7,83		
0,046	254,130	254,283	864		
0,213	254,038	254,224	865		
0,021	254,866	254,845	866		
0,117	254,130	254,013	867		
0,158	253,214	253,081	868		
0,308	252,763	252,455	869		
0,825	252,811	252,136	870		
1,040	252,448	251,908	871		
1,250	252,860	251,840	871+4,10		
253,160		252,791	872		
253,560			872		

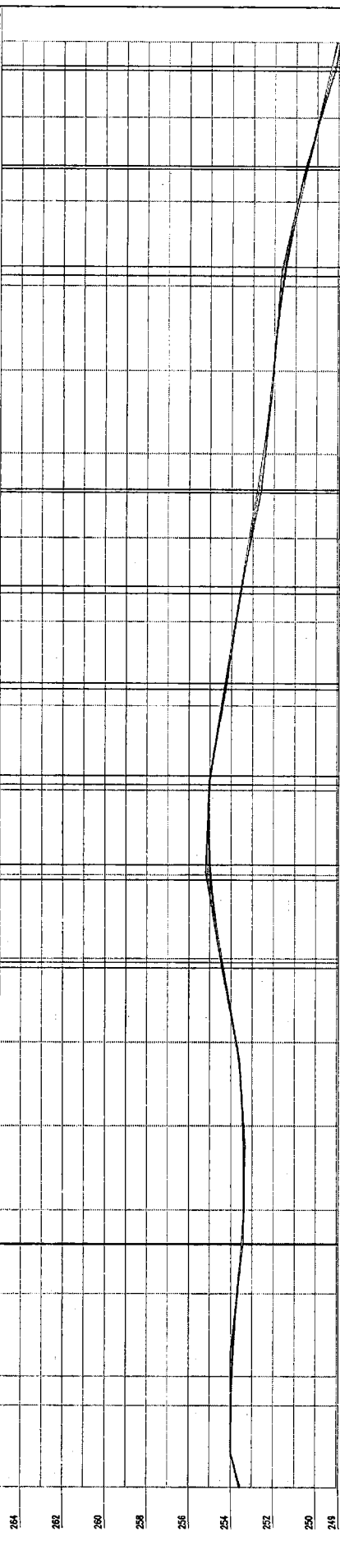
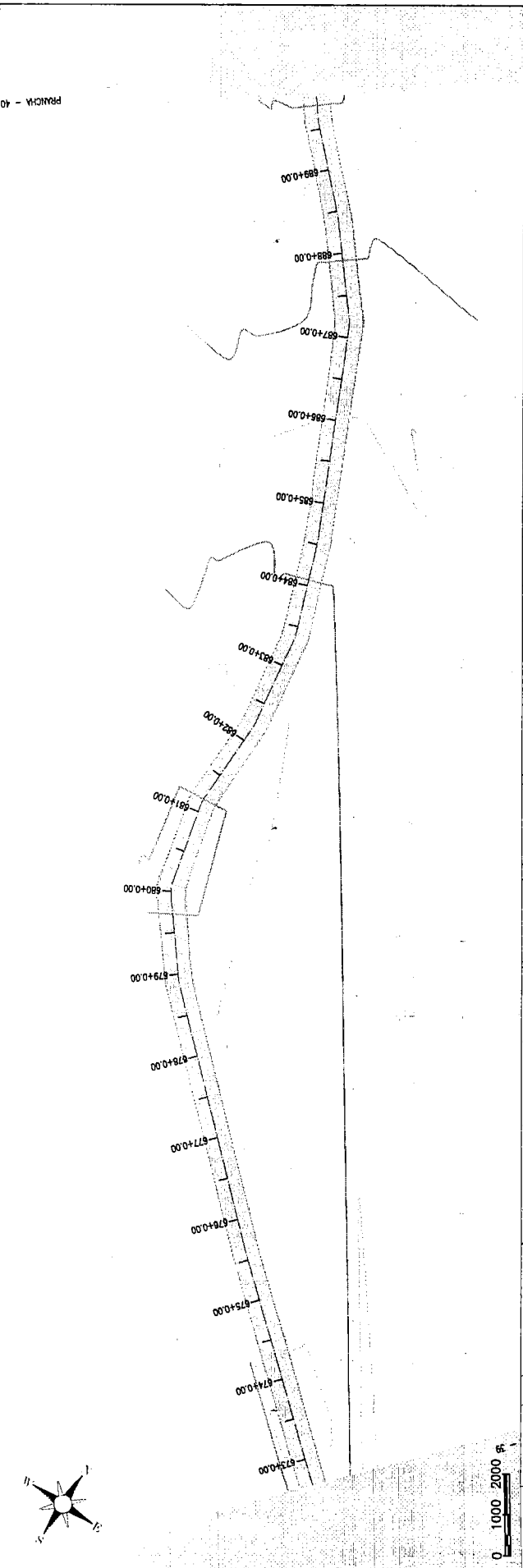


BS1C 8800mm - PROJETADO = 671+6,10  
 Coordenadas: E:492727,08; N:333980,75

BS1C 8800mm - PROJETADO = 663+7,93  
 Coordenadas: E:492845,12; N:333975,48



PRANCHA - 40



Data	Cota de Entree	Cota de Saída	Comprimento
0,045	253,540	253,540	0,72
0,008	254,010	254,010	0,73+13,00
-0,065	254,007	253,943	0,74
0,008	253,988	253,983	0,75
0,004	253,987	253,981	0,76
0,038	253,930	253,930	0,77
-0,010	253,742	253,732	0,78
-0,048	254,443	254,513	0,79
-0,213	254,072	255,188	0,80
-0,001	255,048	255,048	0,81
0,045	254,443	254,403	0,82
0,004	253,790	253,790	0,83
0,078	253,133	253,056	0,84
0,081	252,467	252,417	0,85
0,001	252,248	252,217	0,86
-4,112	251,714	251,802	0,87
-0,065	250,858	250,821	0,88
0,008	249,245	249,245	0,89
0,008	248,200	248,200	0,90

**PREFEITURA MUNICIPAL DE SOLONOPOLE**  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ

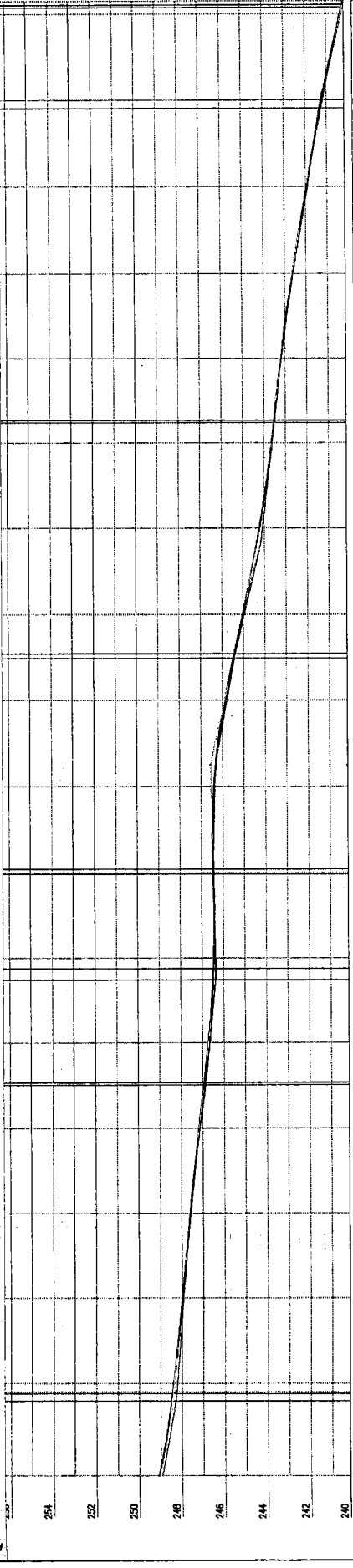
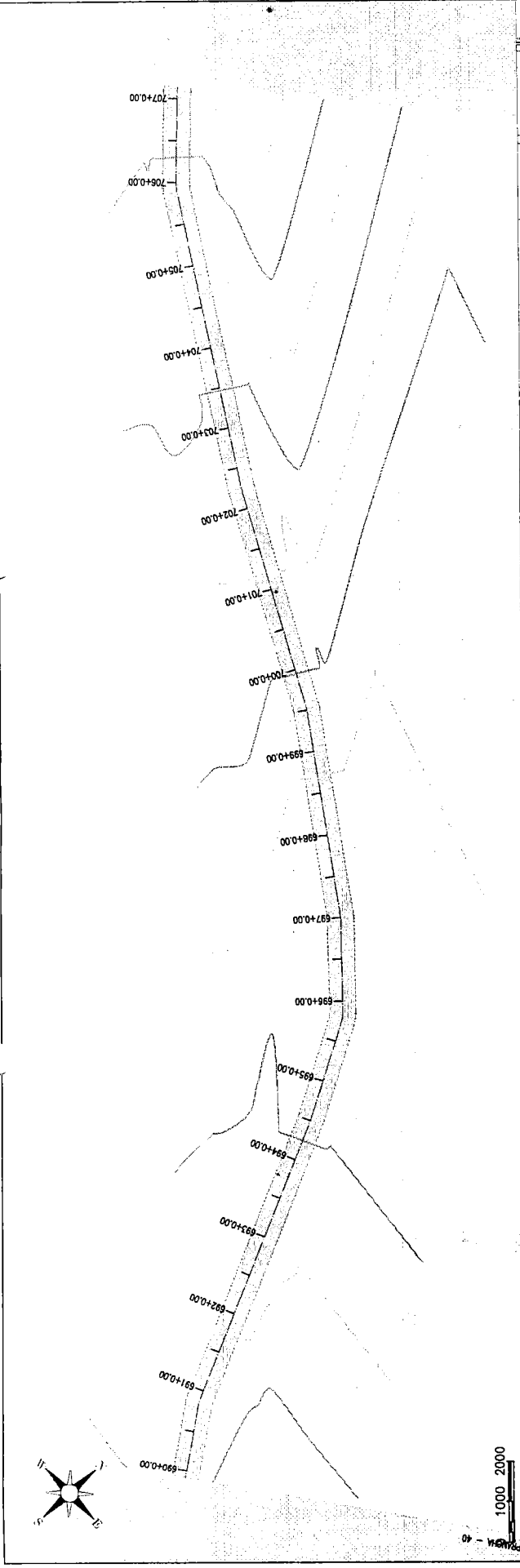
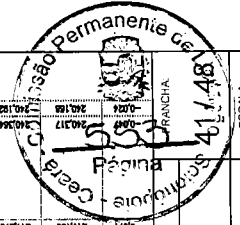
**ESTAQUEAMENTO E PERFIL LONGITUDINAL**

PROJETISTA: \_\_\_\_\_  
 ARQUIVO: 3 - GEOMÉTRICO.DWG

*Assinado por: [Signature]*

1/1000

*[Handwritten mark]*



Data	Cota de Implantação	Cota do Terreno	Estação
0.150	248.077	248.320	690
0.183	248.433	248.242	690+18.00
0.173	248.388	248.214	691
0.000	247.888	247.823	692
-0.016	247.597	247.615	693
0.040	247.172	247.132	694
0.056	246.721	246.682	695
0.085	246.450	246.385	696
-0.024	246.448	246.473	697
0.033	246.401	246.366	698
0.088	245.888	245.788	699
0.078	245.827	245.822	700
0.148	244.230	244.082	701
0.058	243.648	243.623	702
0.003	243.188	243.188	703
0.011	242.834	242.833	704
0.037	241.882	241.813	705
-0.071	241.188	241.270	706
0.000	240.317	240.384	707
0.024	240.188	240.182	707

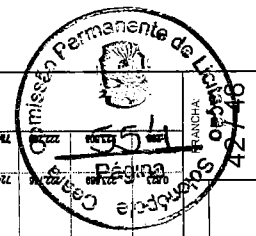
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ

PROJETISTA  
 ARQUIVO 3 - GEOMÉTRICO.DWG

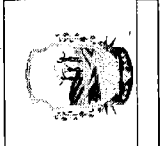
ESCALA  
 1/1000



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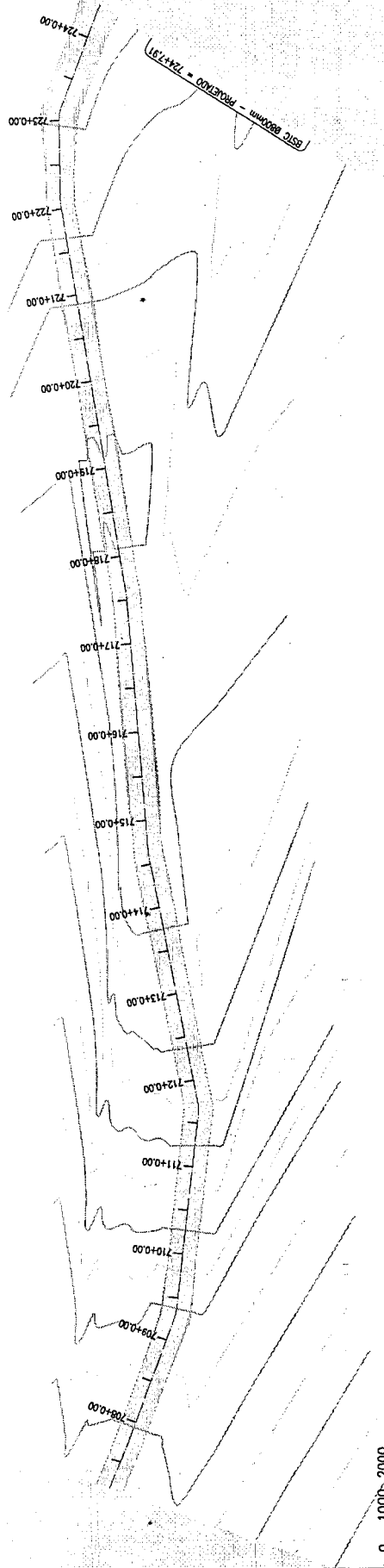
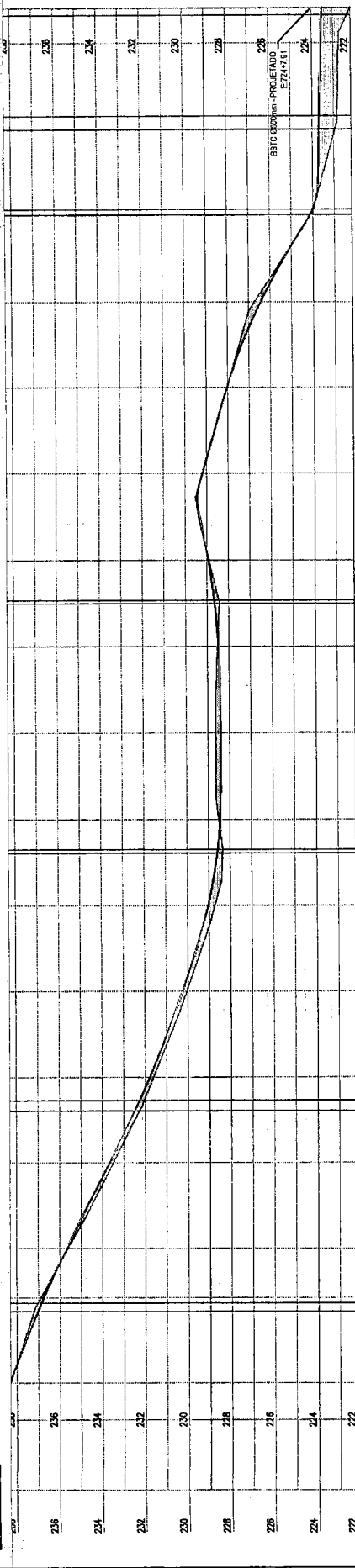


ESCALA  
 - 1/1000  
 PROJETA  
 ARQUIVO  
 3 - GEOMÉTRICO.DWG



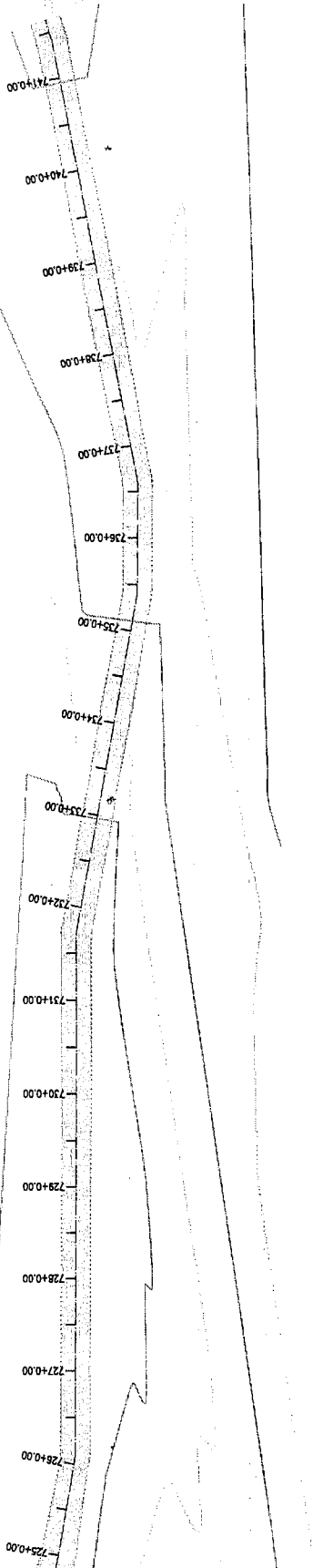
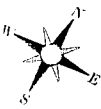
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL  
*Handwritten signature: André B. Silva*

Estaca	Cota de Implantação	Cota de Eixo
708	240,186	240,182
709		
710	236,860	236,814
711	233,670	233,650
712	231,785	231,802
713	230,955	230,849
714	229,812	228,722
715	228,663	228,628
716	228,431	228,659
717	228,532	228,532
718	228,912	228,912
719	228,936	228,936
720	228,034	228,030
721	228,440	228,376
722	224,151	224,127
723	222,700	222,636
724		



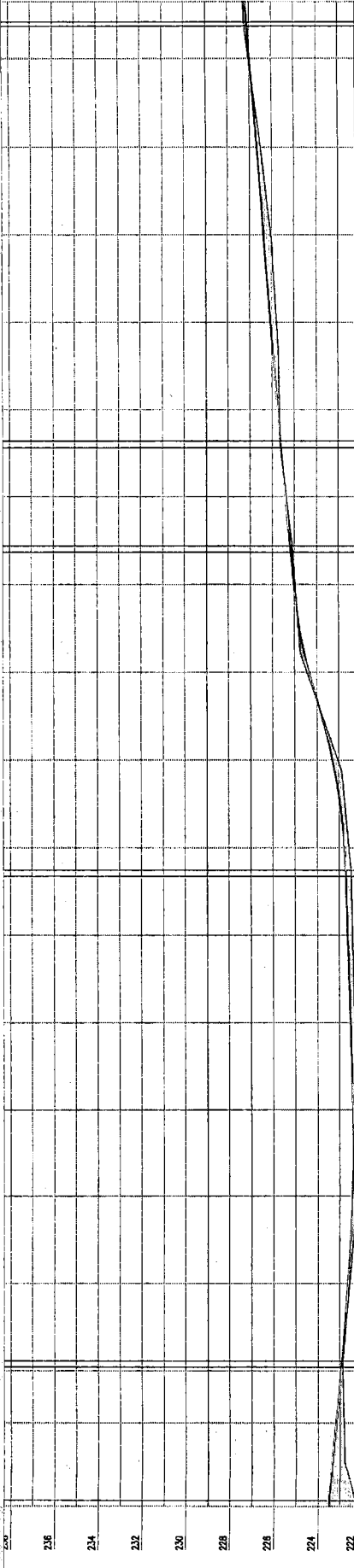
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Coordenadas: E491977.01; N9339755.43

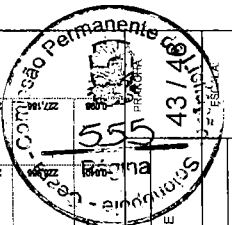
0 100.00 200.00



Sta. Vert. (m)	Sta. Horiz. (m)	Altim. (m)	Altim. (m)
725+0.00	222.214	725+0.00	725+0.00
726+0.00	222.877	222.877	222.877
727+0.00	222.500	222.500	222.500
728+0.00	222.490	222.490	222.490
729+0.00	222.390	222.390	222.390
730+0.00	222.500	222.500	222.500
731+0.00	222.817	222.817	222.817
732+0.00	222.794	222.794	222.794
733+0.00	222.885	222.885	222.885
734+0.00	224.442	224.442	224.442
735+0.00	223.028	223.028	223.028
736+0.00	225.400	225.400	225.400
737+0.00	223.765	223.765	223.765
738+0.00	223.795	223.795	223.795
739+0.00	225.368	225.368	225.368
740+0.00	225.877	225.877	225.877
741+0.00	222.224	222.224	222.224



*Handwritten signature*



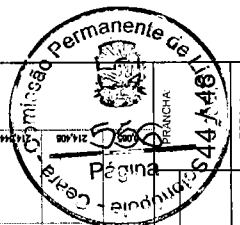
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA  
 ARQUIVO

3 - GEOMÉTRICO.DWG

1/1000



ESCALA  
1/1000

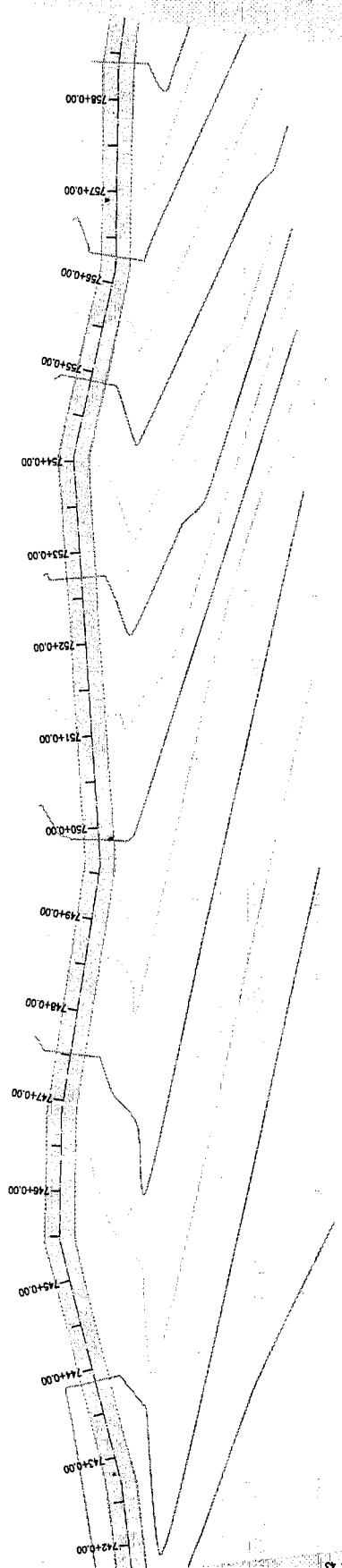
PREFEITURA MUNICIPAL DE SOLONOPOLE  
RECUPERAÇÃO DE ESTRADAS VICINAS NO MUNICÍPIO DE SOLONOPOLE / CE  
TRECHO: OLINDA - SÃO JOSÉ

PROJETISTA:  
ARQUIVO: 3 - GEOMÉTRICO.DWG

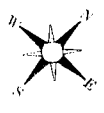


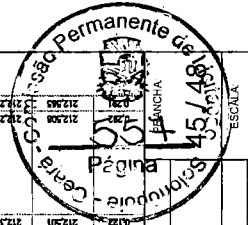
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Sta	Ord. de	Ord. de	Ord. de
Estaca	Emprego	Emprego	Emprego
741	227.284	227.186	-0,086
742+13,00	227.336	227.336	-0,191
743	227.336	227.330	-0,046
744	228,842	227.103	0,163
745	228,736	226,803	0,077
746	228,316	226,276	-0,040
747	228,511	225,521	0,010
748	224,526	224,731	0,206
749	223,660	223,942	0,282
750	222,802	223,152	0,290
751	222,132	222,362	0,210
752	221,658	221,573	0,117
753	220,831	220,762	-0,046
754	219,808	218,948	-0,139
755	218,990	218,881	-0,108
756	217,418	217,418	-0,001
757	216,882	216,182	0,131
758	215,271	215,187	-0,104
759	214,608	214,608	0,000



0 1000 2000





1/1000

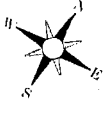
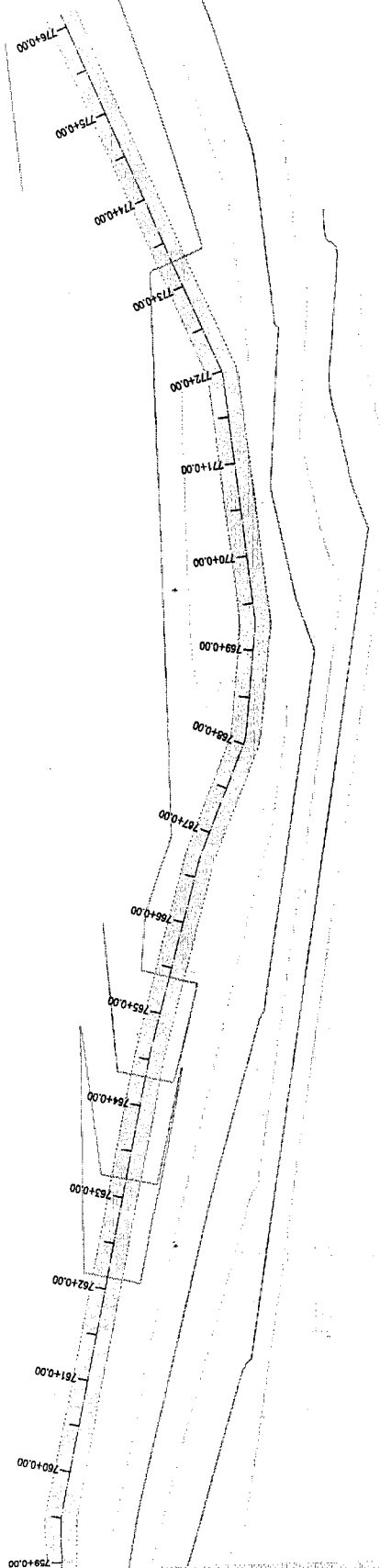
PREFEITURA MUNICIPAL DE SOLOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTACQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA  
 ARQUIVO: 3 - GEOMÉTRICO.DWG



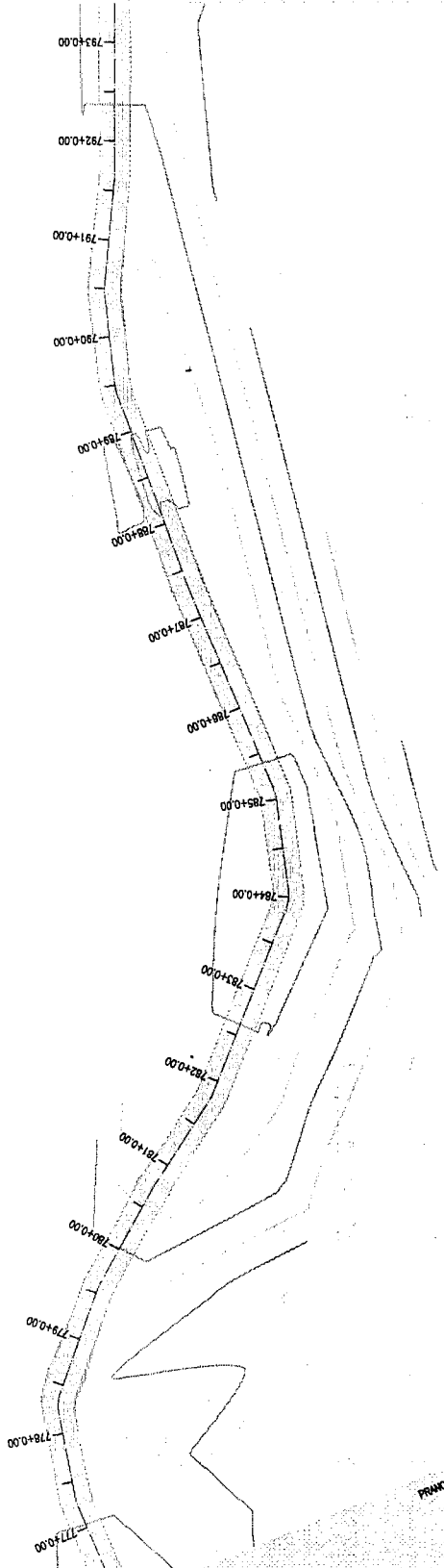
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Estaca	Alt. Anterior (m)	Alt. Nova (m)	Alt. Externa (m)
212	213,274	212,79	212,79
213	212,501	212,708	212,708
214	212,501	212,500	212,500
215	212,501	212,500	212,500
216	212,501	212,500	212,500
217	212,501	212,500	212,500
218	212,501	212,500	212,500
219	212,501	212,500	212,500
220	212,501	212,500	212,500
221	212,501	212,500	212,500
222	212,501	212,500	212,500
223	212,501	212,500	212,500
224	212,501	212,500	212,500
225	212,501	212,500	212,500
226	212,501	212,500	212,500
227	212,501	212,500	212,500
228	212,501	212,500	212,500
229	212,501	212,500	212,500
230	212,501	212,500	212,500
231	212,501	212,500	212,500
232	212,501	212,500	212,500
233	212,501	212,500	212,500
234	212,501	212,500	212,500
235	212,501	212,500	212,500
236	212,501	212,500	212,500
237	212,501	212,500	212,500
238	212,501	212,500	212,500
239	212,501	212,500	212,500
240	212,501	212,500	212,500
241	212,501	212,500	212,500
242	212,501	212,500	212,500
243	212,501	212,500	212,500
244	212,501	212,500	212,500
245	212,501	212,500	212,500
246	212,501	212,500	212,500
247	212,501	212,500	212,500
248	212,501	212,500	212,500
249	212,501	212,500	212,500
250	212,501	212,500	212,500
251	212,501	212,500	212,500
252	212,501	212,500	212,500
253	212,501	212,500	212,500
254	212,501	212,500	212,500
255	212,501	212,500	212,500
256	212,501	212,500	212,500
257	212,501	212,500	212,500
258	212,501	212,500	212,500
259	212,501	212,500	212,500
260	212,501	212,500	212,500
261	212,501	212,500	212,500
262	212,501	212,500	212,500
263	212,501	212,500	212,500
264	212,501	212,500	212,500
265	212,501	212,500	212,500
266	212,501	212,500	212,500
267	212,501	212,500	212,500
268	212,501	212,500	212,500
269	212,501	212,500	212,500
270	212,501	212,500	212,500
271	212,501	212,500	212,500
272	212,501	212,500	212,500
273	212,501	212,500	212,500
274	212,501	212,500	212,500
275	212,501	212,500	212,500
276	212,501	212,500	212,500
277	212,501	212,500	212,500
278	212,501	212,500	212,500
279	212,501	212,500	212,500
280	212,501	212,500	212,500
281	212,501	212,500	212,500
282	212,501	212,500	212,500
283	212,501	212,500	212,500
284	212,501	212,500	212,500
285	212,501	212,500	212,500
286	212,501	212,500	212,500
287	212,501	212,500	212,500
288	212,501	212,500	212,500
289	212,501	212,500	212,500
290	212,501	212,500	212,500
291	212,501	212,500	212,500
292	212,501	212,500	212,500
293	212,501	212,500	212,500
294	212,501	212,500	212,500
295	212,501	212,500	212,500
296	212,501	212,500	212,500
297	212,501	212,500	212,500
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299	212,501	212,500	212,500
300	212,501	212,500	212,500

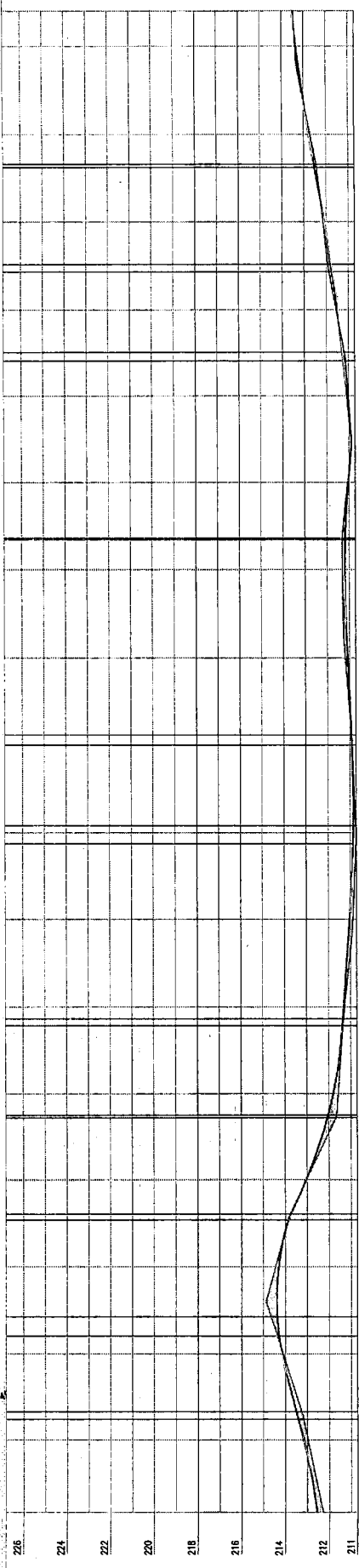


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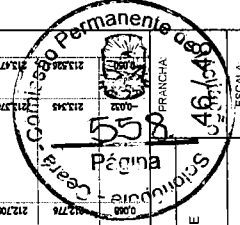
FRANCHA



0 1000 2000



Estação	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)	Alt. (m)
773	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274	212.274
774	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285	212.285
775	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296	212.296
776	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307	212.307
777	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318	212.318
778	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100	214.100
779	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289	214.289
780	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025	213.025
781	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506	211.506
782	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259	211.259
783	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872	210.872
784	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710	210.710
785	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884	210.884
786	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182	211.182
787	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201
788	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201	211.201
789	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010	211.010
790	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247	211.247
791	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140	212.140
792	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208	212.208
793	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278	213.278
794	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477	213.477



PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

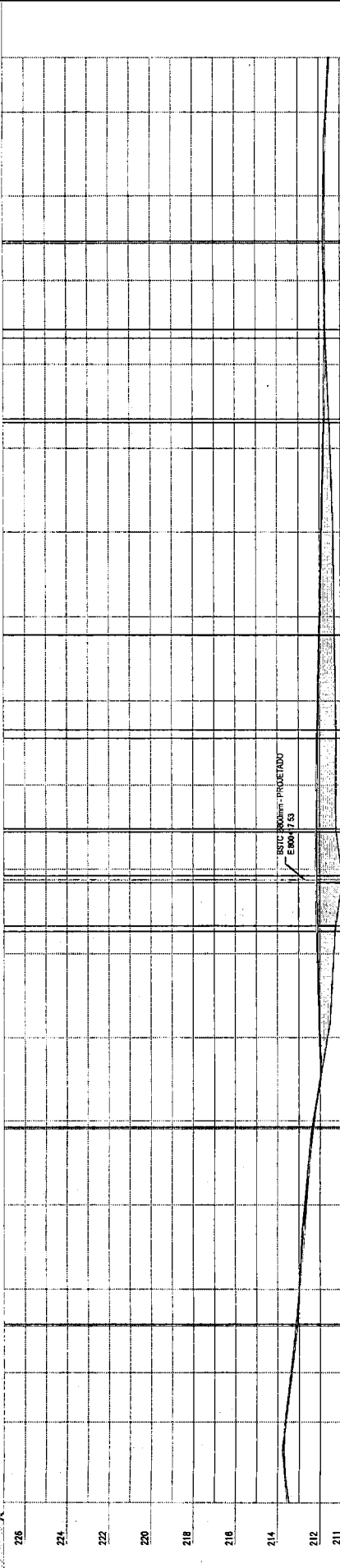
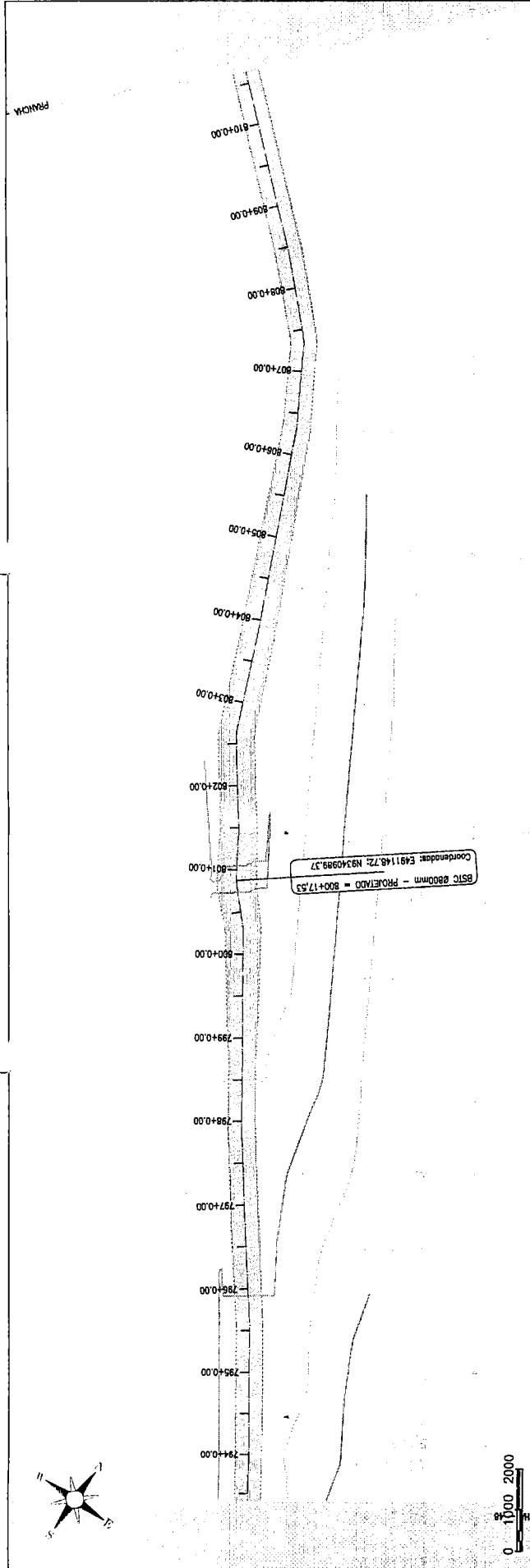


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ESCALA  
1/1000

PROJETISTA  
ARQUIVO

3 - GEOMETRICO.DWG



Sta. Início	Sta. Término	Alt. Início	Alt. Término	Inclinação
794+00.00	794+00.00	213,526	213,526	0,00%
794+00.00	794+00.00	213,526	213,526	0,00%
795+00.00	795+00.00	213,320	213,320	0,00%
796+00.00	796+00.00	212,904	212,904	-0,16%
797+00.00	797+00.00	212,721	212,721	-0,08%
798+00.00	798+00.00	212,528	212,528	-0,09%
799+00.00	799+00.00	212,007	212,007	-0,24%
800+00.00	800+00.00	212,005	212,005	-0,00%
801+00.00	801+00.00	212,173	212,173	0,08%
802+00.00	802+00.00	212,012	212,012	-0,08%
803+00.00	803+00.00	211,838	211,838	-0,08%
804+00.00	804+00.00	211,882	211,882	0,02%
805+00.00	805+00.00	211,907	211,907	0,01%
806+00.00	806+00.00	211,823	211,823	-0,04%
807+00.00	807+00.00	211,748	211,748	-0,03%
808+00.00	808+00.00	211,721	211,721	-0,01%
809+00.00	809+00.00	211,740	211,740	0,01%
810+00.00	810+00.00	211,661	211,661	-0,04%

ESCALA: 1/1000  
 PROJETA: [Signature]  
 ARQUIVO: 3 - GEOMETRICO.DWG  
 PREFEITURA MUNICIPAL DE SOLOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE / CE  
 TRECHO: OLINDA - SÃO JOSÉ  
 ESTACQUEAMENTO E PERFIL LONGITUDINAL



FM DO TRECHO:  
C. 48598574  
E. 48598574  
N. 331188712

811+0.00  
812+0.00  
813+0.00  
813+9.76

0 1000 2000

M - 47

226											
224											
222											
220											
218											
216											
214											
212											
211											

Sta Vermela	Sta de Interseção	Sta de Inicio
014	211,227	211,227
013	211,181	211,181
012	211,225	211,225
011	211,622	211,622
010	211,681	211,681



PRANCHA  
48 / 48  
ESCALA  
1/1000

PREFEITURA MUNICIPAL DE SOLONOPOLE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
TRECHO: OLINDA - SÃO JOSÉ  
ESTAQUEAMENTO E PERFIL LONGITUDINAL



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PROJETISTA  
ARQUIVO: 3 - GEOMETRICO.DWG

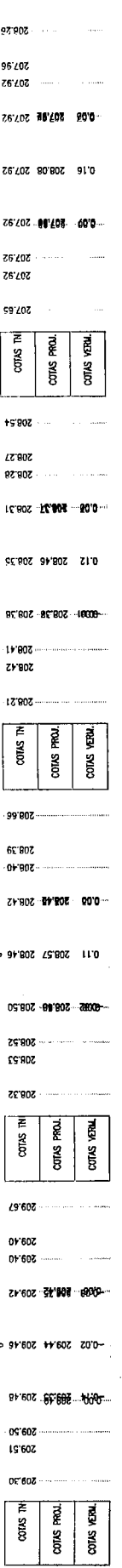
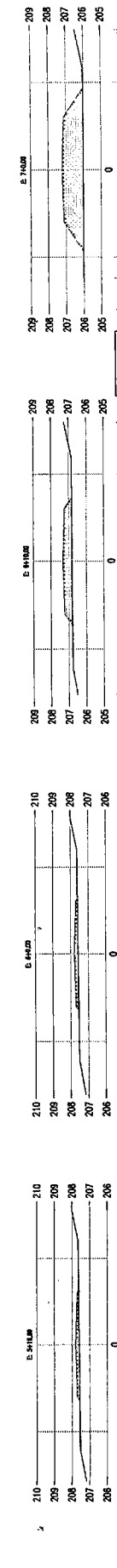
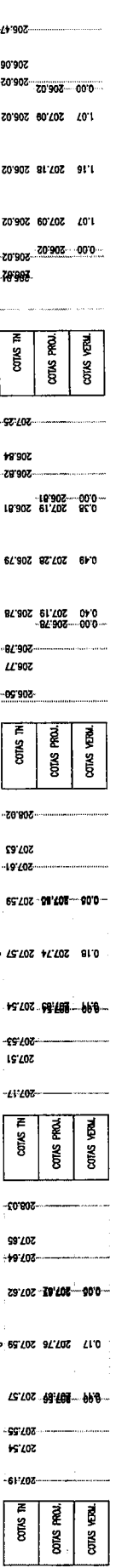
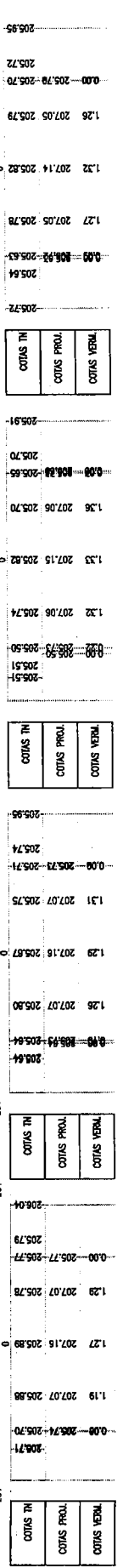
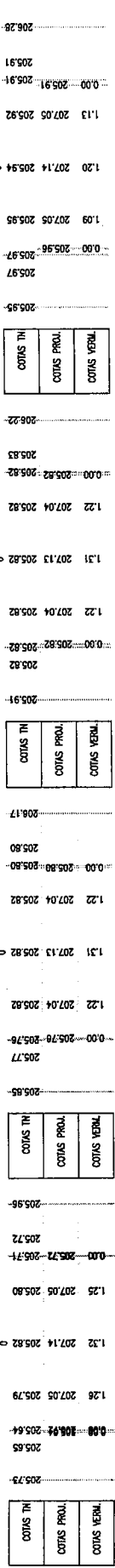
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PREFEITURA MUNICIPAL DE SOLONOPOLE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE - PR  
TRECHO 1: OLINDA - SÃO JOSÉ



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PREFEITURA MUNICIPAL DE SOLOPOLE

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE / CE  
TRECHO 1: OLINDA - SÃO JOSÉ

SEÇÕES TRANSVERSAIS

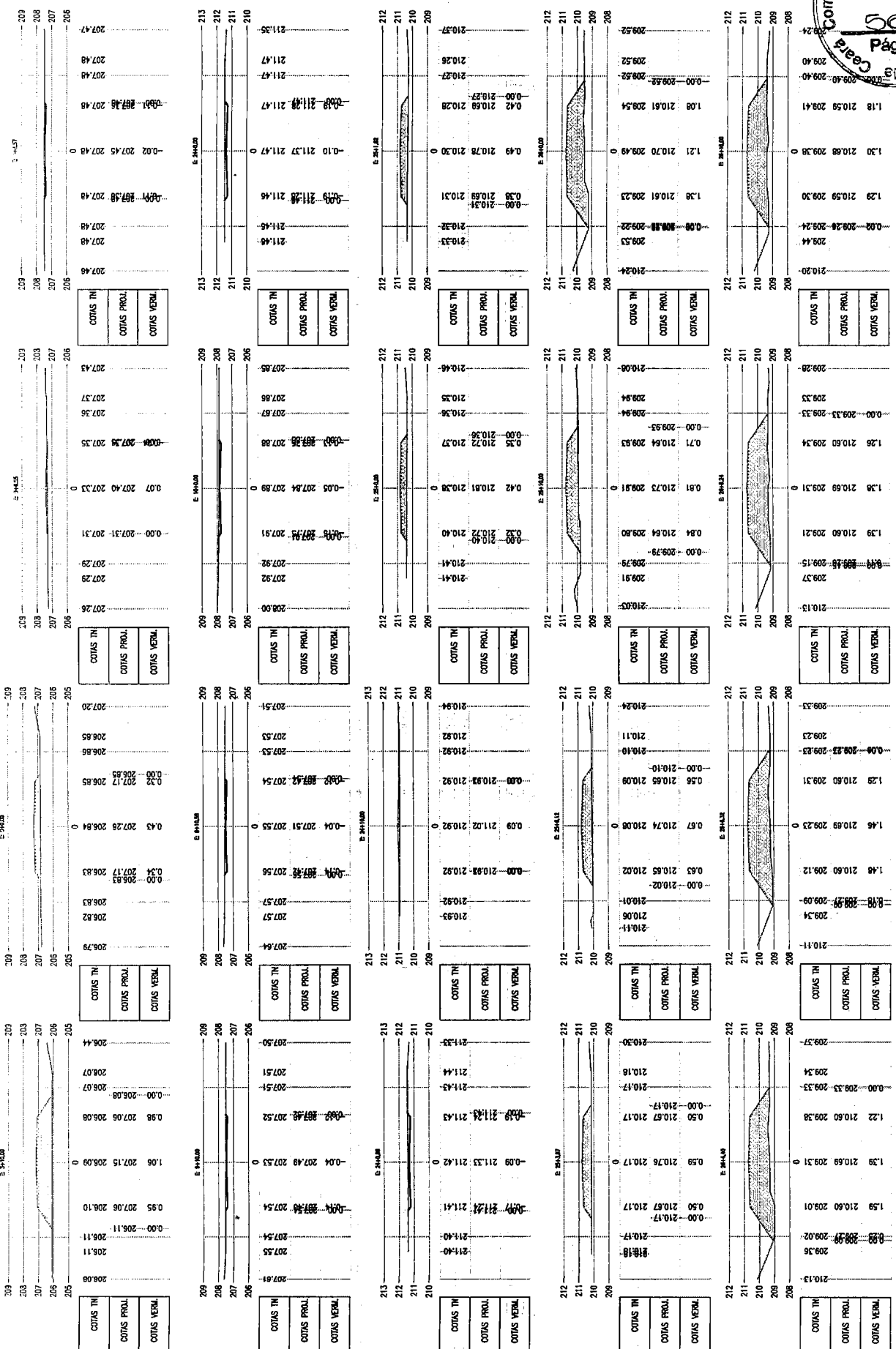
PROJETISTA  
ARQUIVO

4 - TERRAPLANAGEM DWG

ESCALA



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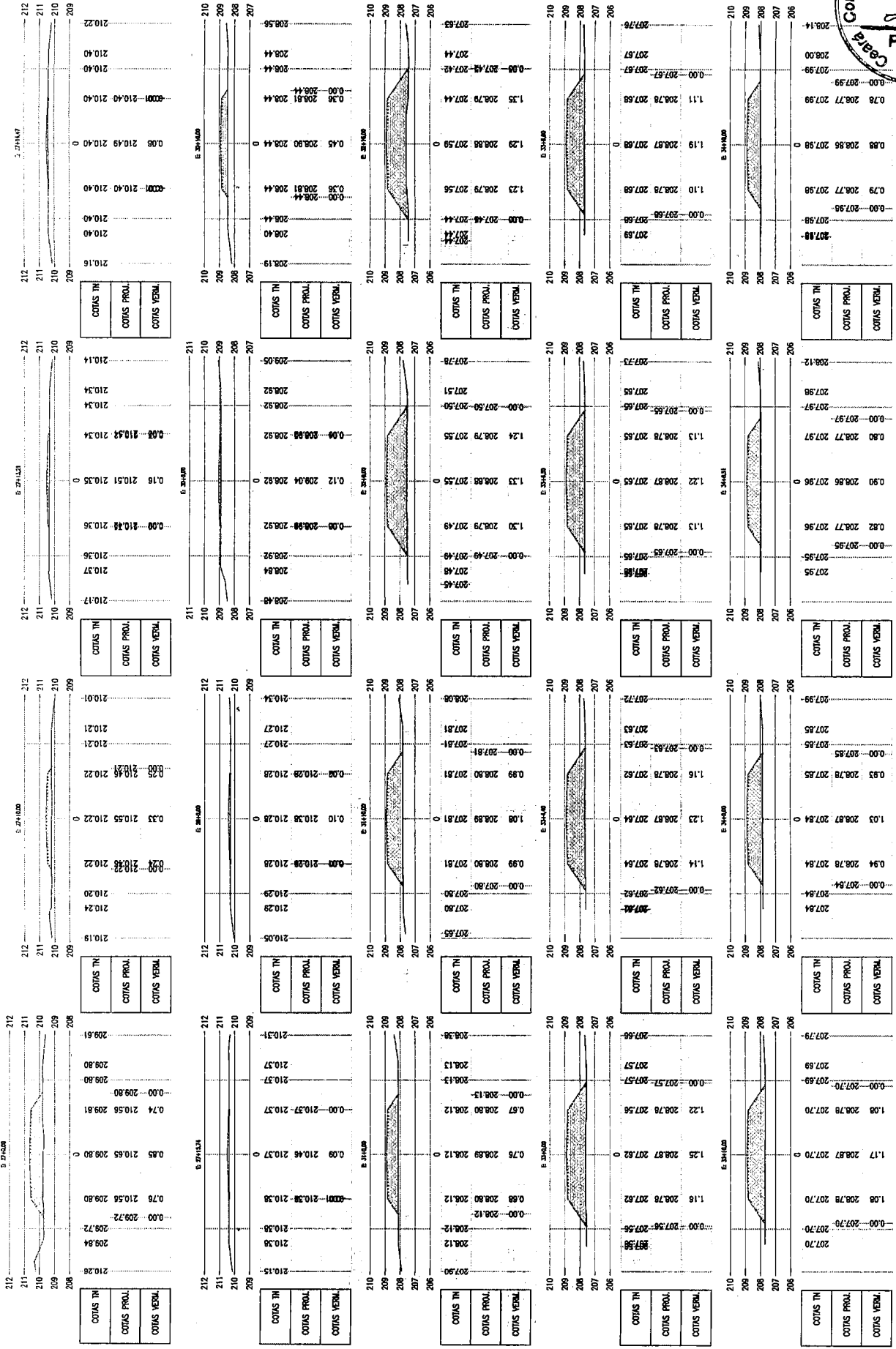






PREFEITURA MUNICIPAL DE SOLONOPOLE  
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE/CE  
TRECHO I: OLINDA - SÃO JOSÉ  
SEÇÕES TRANSVERSAIS

PROJETISTA  
ARQUIVO: 4-TERRAPLANAGEM.DWG



SEÇÃO 1

SEÇÃO 2

SEÇÃO 3

SEÇÃO 4

COTAS	210.16	210.40	210.40	210.40	210.40	210.40
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	210.34	210.34	210.34	210.34	210.34	210.34
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	210.22	210.22	210.22	210.22	210.22	210.22
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	210.38	210.38	210.38	210.38	210.38	210.38
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

COTAS	208.44	208.44	208.44	208.44	208.44	208.44
PROF.	0.00	0.00	0.00	0.00	0.00	0.00
VERB.						

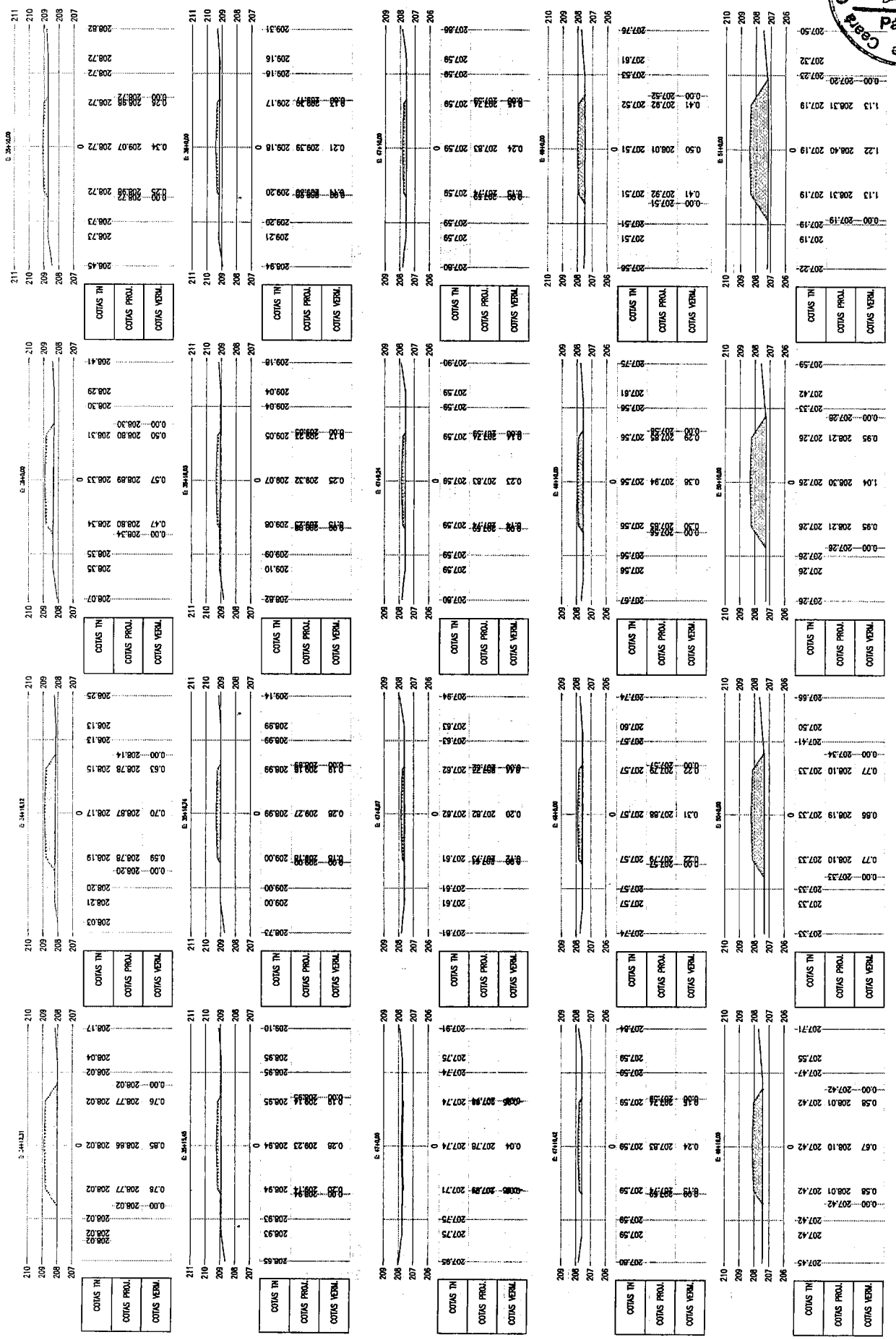


PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO 1: OLINDA - SÃO JOSÉ  
 SEÇÕES TRANSVERSAIS

PROJETISTA  
 ARQUIVO



*Handwritten signature*



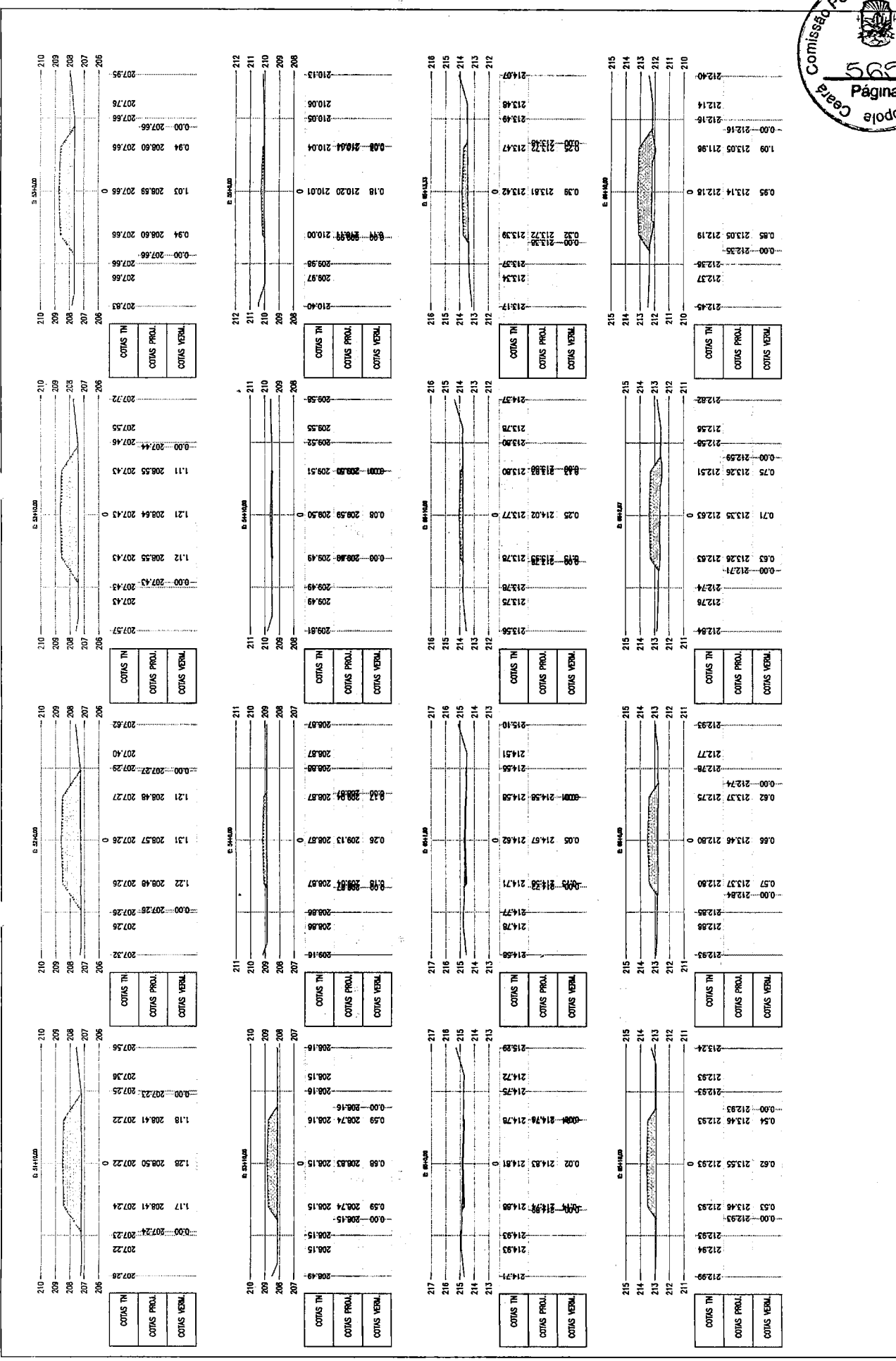


PREFEITURA MUNICIPAL DE SOLOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLOPOLE / CE  
 TRECHO 1: OLINDA - SÃO JOSÉ  
 SEÇÕES TRANSVERSAIS

PROJETISTA  
 ARQUIVO 4 - TERRAPLANAGEM.DWG



*Handwritten signature*





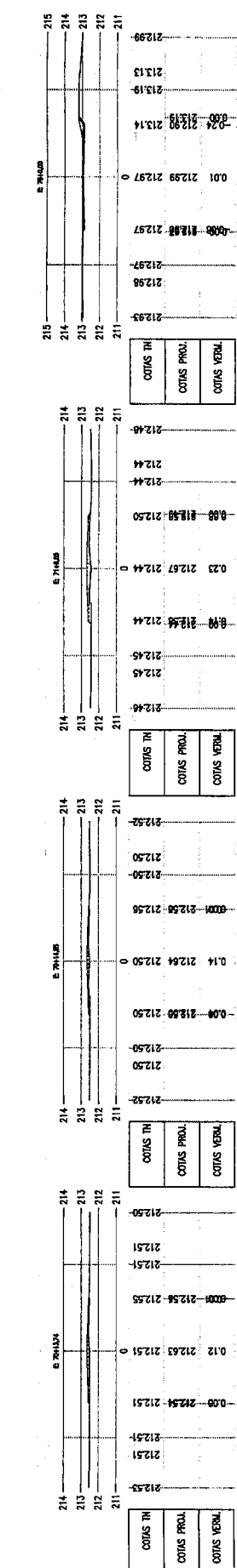
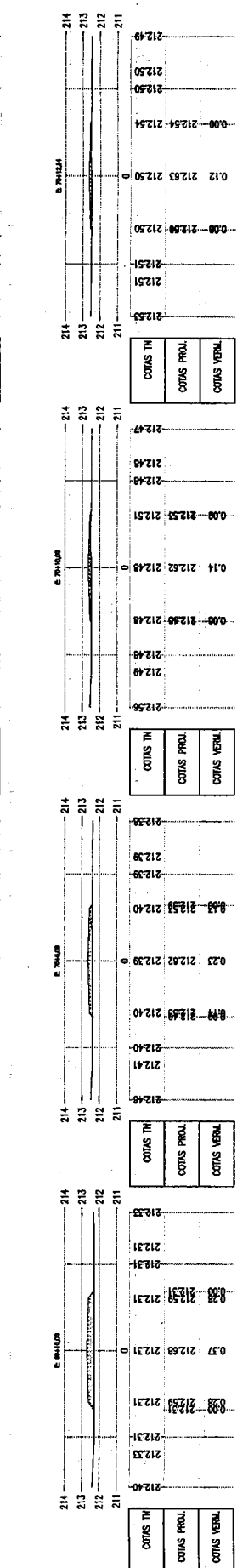
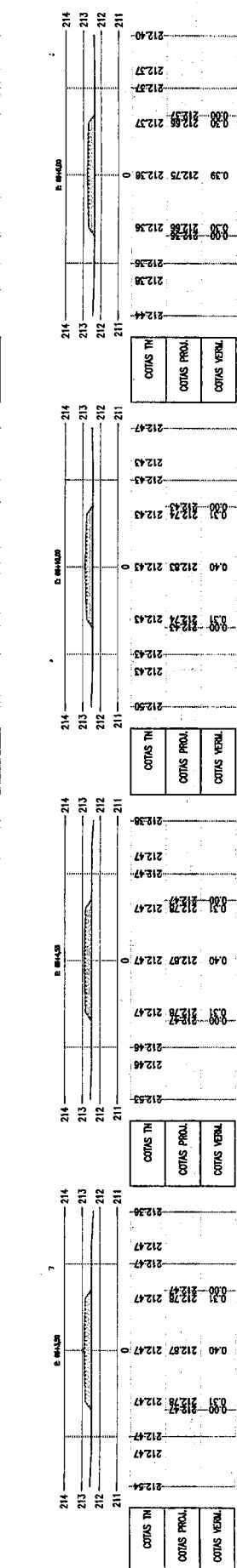
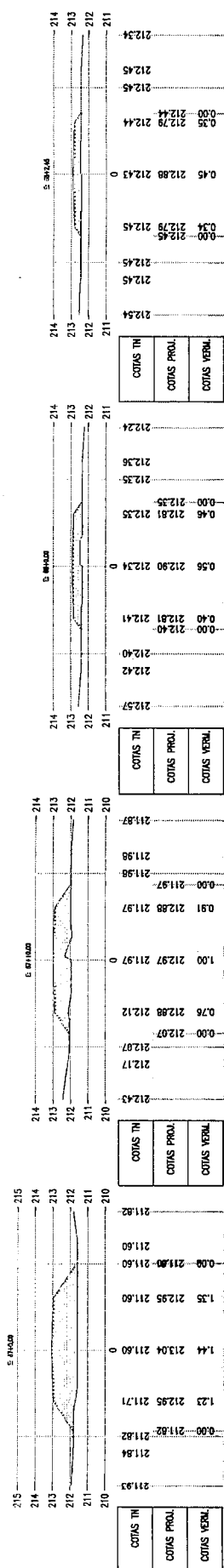
PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE/CE  
 TRECHO I: OLINDA - SÃO JOSÉ  
 SEÇÕES TRANSVERSAIS



*Handwritten signature*

ESCALA  
1/250

PROJETISTA  
ARQUIVO  
4 - TERRAPLANAGEM.DWG





SEÇÕES TRANSVERSAIS

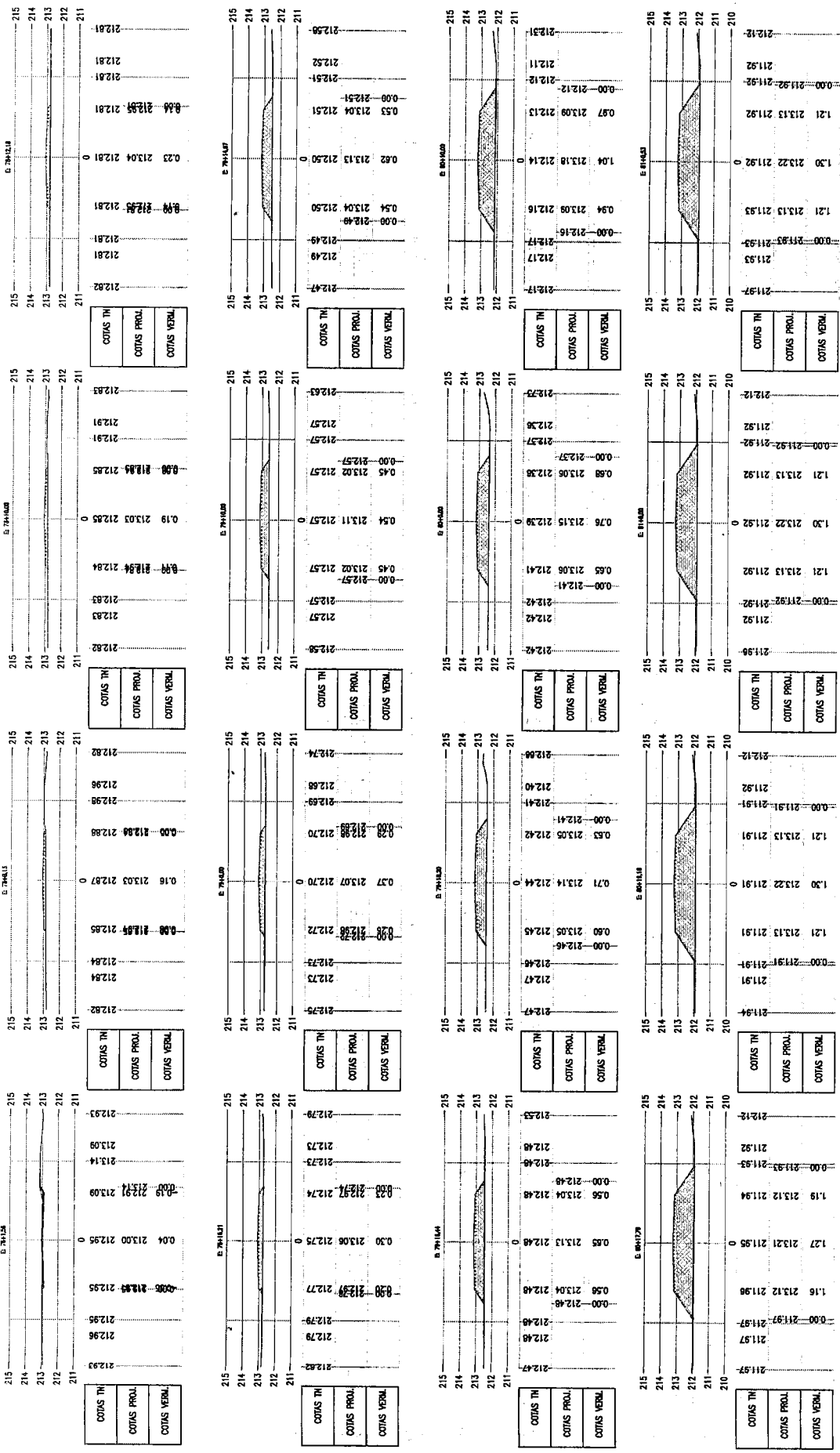
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE/CE

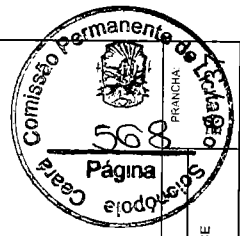
TRECHO 1: OLINDA - SÃO JOSÉ



*Handwritten signature*

PREFEITURA MUNICIPAL DE SOLONOPOLE





PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO 1: OLINDA - SÃO JOSÉ

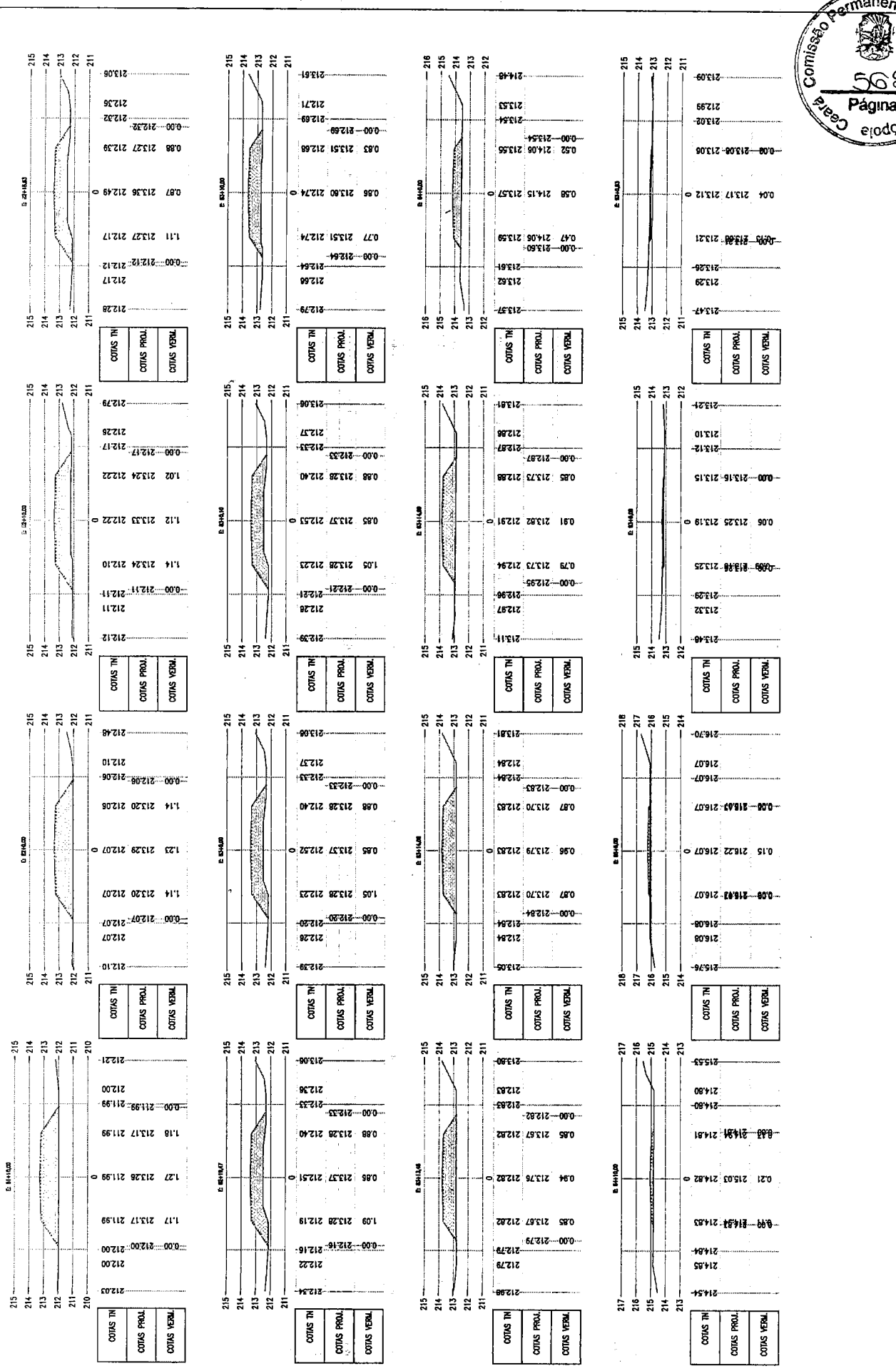


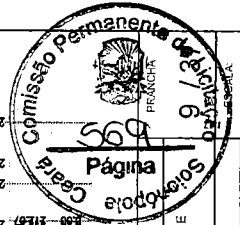
PROJETISTA  
 ARQUIVO 4 - TERRAPLANAGEM.DWG

SEÇÕES TRANSVERSAIS

ESCALA

1/250





PREFEITURA MUNICIPAL DE SOLONOPOLE  
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SOLONOPOLE / CE  
 TRECHO 1: OLINDA - SÃO JOSÉ  
 SEÇÕES TRANSVERSAIS



PROJETISTA  
 ARQUIVO

4 - TERRAPLANAGEM.DWG

