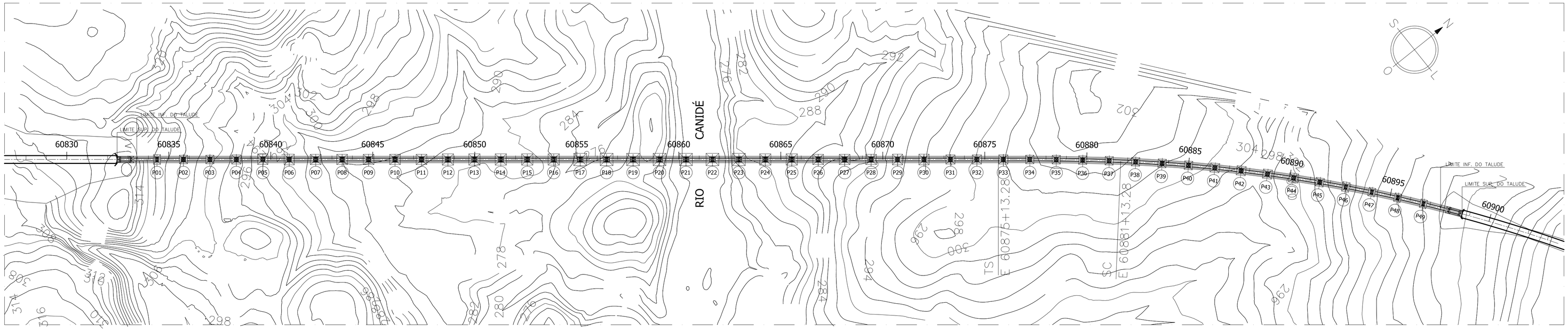
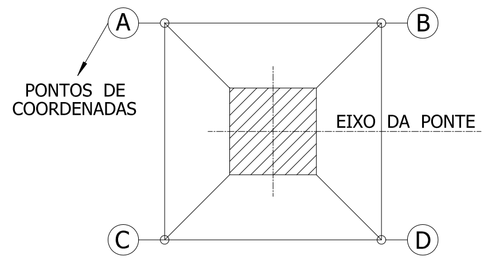


LOCAÇÃO E SITUAÇÃO DA OBRA 02

DETALHE GENÉRICO



QUADRO DE COORDENADAS

OBRA	PILARES	ESTACAS	COORDENADAS ESTE (X)	COORDENADAS NORTE (Y)	BLOCOS PONTOS	BLOCOS ESTE (X)	BLOCOS NORTE (Y)
02	PA -E01	60832 + 11,74m	X = 241515.7064	Y = 9103982.7259	A	X = 241513.9528	Y = 9103982.1736
					B	X = 241515.1541	Y = 9103984.479
					C	X = 241516.2586	Y = 9103980.9724
					D	X = 241517.4599	Y = 9103983.2782
	PB - E01	60832 + 11,74m	X = 241518.1696	Y = 9103981.4322	A	X = 241516.4360	Y = 9103980.8800
					B	X = 241517.6373	Y = 9103983.1858
					C	X = 241518.7418	Y = 9103979.6787
					D	X = 241519.9431	Y = 9103981.9845
	P-(C+D) E01	60833 + 3,27m	X = 241522.3006	Y = 9103992.3534	A	X = 241518.3788	Y = 9103991.8596
					B	X = 241520.4579	Y = 9103995.8505
					C	X = 241524.1434	Y = 9103988.8564
					D	X = 241526.2225	Y = 9103992.8472
	P1	60834 + 8,43m	X = 241533.9023	Y = 9104014.6225	A	X = 241528.1169	Y = 9104013.6901
					B	X = 241531.3512	Y = 9104018.8981
					C	X = 241536.4535	Y = 9104009.3469
					D	X = 241539.6877	Y = 9104015.5550
	P2	60835 + 14,36m	X = 241545.8829	Y = 9104037.6189	A	X = 241540.3099	Y = 9104036.0120
					B	X = 241544.0062	Y = 9104043.1069
					C	X = 241547.7595	Y = 9104032.1309
					D	X = 241551.4558	Y = 9104039.2258
	P3	60837 + 0,29m	X = 241557.8634	Y = 9104060.6152	A	X = 241552.2904	Y = 9104059.0083
					B	X = 241555.9867	Y = 9104066.1032
					C	X = 241559.7401	Y = 9104055.1272
					D	X = 241563.4364	Y = 9104062.2221
	P4	60838 + 6,22m	X = 241569.8439	Y = 9104083.6115	A	X = 241563.7739	Y = 9104081.6998
					B	X = 241567.9322	Y = 9104089.6816
					C	X = 241571.7557	Y = 9104077.5415
					D	X = 241575.9140	Y = 9104085.5233
	P5	60839 + 12,15m	X = 241581.5584	Y = 9104106.7465	A	X = 241574.6366	Y = 9104104.7148
					B	X = 241579.2569	Y = 9104113.5834
					C	X = 241583.8599	Y = 9104099.9096
					D	X = 241588.4803	Y = 9104108.7782
	P6	60840 + 18,08m	X = 241593.8050	Y = 9104129.6042	A	X = 241586.8832	Y = 9104127.5725
					B	X = 241591.5035	Y = 9104136.4411
					C	X = 241596.1065	Y = 9104122.7673
					D	X = 241600.7269	Y = 9104131.6359
	P7	60842 + 4,01m	X = 241605.7856	Y = 9104152.6006	A	X = 241598.9256	Y = 9104150.2547
					B	X = 241603.7769	Y = 9104159.5667
					C	X = 241607.7942	Y = 9104145.6344
					D	X = 241612.6456	Y = 9104154.9464
	P8	60843 + 9,94m	X = 241617.7661	Y = 9104175.5969	A	X = 241610.9061	Y = 9104173.2510
					B	X = 241615.7575	Y = 9104182.5631
					C	X = 241619.7747	Y = 9104168.6307
					D	X = 241624.6261	Y = 9104177.9427
	P9	60844 + 15,87m	X = 241629.7467	Y = 9104198.5932	A	X = 241622.8867	Y = 9104196.2474
					B	X = 241627.7380	Y = 9104205.5594
					C	X = 241631.7553	Y = 9104191.6270
					D	X = 241636.6066	Y = 9104200.9391
	P10	60846 + 1,80m	X = 241641.7272	Y = 9104221.5896	A	X = 241634.8672	Y = 9104219.2437
					B	X = 241639.7186	Y = 9104228.5558
					C	X = 241643.7358	Y = 9104214.6234
					D	X = 241648.5872	Y = 9104223.9354
	P11	60847 + 7,73m	X = 241653.7077	Y = 9104244.5859	A	X = 241646.8477	Y = 9104242.2400
					B	X = 241651.6991	Y = 9104251.5521
					C	X = 241655.7164	Y = 9104237.6197
					D	X = 241660.5677	Y = 9104246.9318
	P12	60848 + 13,66m	X = 241665.6683	Y = 9104267.5822	A	X = 241658.2693	Y = 9104265.2457
					B	X = 241663.3517	Y = 9104275.0012
					C	X = 241668.0248	Y = 9104260.1633
					D	X = 241673.1072	Y = 9104269.9188
	P13	60849 + 19,59m	X = 241677.6688	Y = 9104290.5786	A	X = 241670.2499	Y = 9104288.2420
					B	X = 241675.3323	Y = 9104297.9975
					C	X = 241680.0054	Y = 9104283.1596
					D	X = 241685.0877	Y = 9104292.9151
	P14	60851 + 5,52m	X = 241689.6494	Y = 9104313.5749	A	X = 241682.2304	Y = 9104311.2384
					B	X = 241687.3128	Y = 9104320.9938
					C	X = 241691.9859	Y = 9104306.1560
					D	X = 241697.0683	Y = 9104315.9115
02	P15	60852 + 11,45m	X = 241701.6299	Y = 9104336.5712	A	X = 241694.2110	Y = 9104334.2347
					B	X = 241699.2933	Y = 9104343.9902
					C	X = 241703.9665	Y = 9104329.1523
					D	X = 241709.0488	Y = 9104338.9078
	P16	60853 + 17,38m	X = 241713.6104	Y = 9104359.5676	A	X = 241706.1915	Y = 9104357.2310
					B	X = 241711.2739	Y = 9104366.9865
					C	X = 241715.9470	Y = 9104352.1487
					D	X = 241721.0294	Y = 9104361.9041
	P17	60855 + 3,31m	X = 241725.5910	Y = 9104382.5639	A	X = 241717.3821	Y = 9104379.7932
					B	X = 241723.1575	Y = 9104390.8790
					C	X = 241728.0244	Y = 9104374.2488
					D	X = 241733.7999	Y = 9104385.3346
	P18	60856 + 9,24m	X = 241737.5715	Y = 9104405.5603	A	X = 241729.3626	Y = 9104402.7896
					B	X = 241735.1381	Y = 9104413.8754
					C	X = 241740.0050	Y = 9104397.2452
					D	X = 241745.7804	Y = 9104408.3309
	P19	60857 + 15,17m	X = 241749.5521	Y = 9104428.5566	A	X = 241741.3432	Y = 9104425.7859
					B	X = 241747.1186	Y = 9104436.8717
					C	X = 241751.9855	Y = 9104420.2415
					D	X = 241757.7610	Y = 9104431.3273
	P20	60859 + 1,10m	X = 241761.5326	Y = 9104451.5529	A	X = 241753.3237	Y = 9104448.7822
					B	X = 241759.0991	Y = 9104459.8680
					C	X = 241763.9661	Y = 9104443.2378
					D	X = 241769.7415	Y = 9104454.3236
	P21	60860 + 7,03m	X = 241773.5131	Y = 9104474.5493	A	X = 241765.3043	Y = 9104471.7785
					B	X = 241771.0797	Y = 9104482.8644
					C	X = 241775.9466	Y = 9104466.2342
					D	X = 241781.7220	Y = 9104477.3200
	P22	60881 + 12,96m	X = 241785.4937	Y = 9104497.5456	A	X = 241777.2848	Y = 9104494.7749
					B	X = 241783.0602	Y = 9104505.8607
					C	X = 241787.9271	Y = 9104489.2305
					D	X = 241793.7026	Y = 9104500.3163
	P23	60882 + 18,89m	X = 241797.4742	Y = 9104520.5419	A	X = 241789.2653	Y = 9104517.7713
					B	X = 241795.0408	Y = 9104528.8570
					C	X = 241799.9077	Y = 9104512.2269
					D	X = 241805.6831	Y = 9104523.3126
	P24	60864 + 4,82m	X = 241809.4548	Y = 9104543.5383	A	X = 241802.0358	Y = 9104541.2017
					B	X = 241807.1182	Y = 9104550.8572
					C	X = 241811.7913	Y = 9104536.1194
					D	X = 241816.8737	Y = 9104545.8748
	P25	60865 + 10,75m	X = 241821.4353	Y = 9104566.5346	A	X = 241814.0164	Y = 9104564.1981
					B	X = 241819.0988	Y = 9104573.9536
					C	X = 241823.7719	Y = 9104559.1157
					D	X = 241828.8542	Y = 9104568.8712
	P26	60866 + 16,68m	X = 241833.4159	Y = 9104589.5310	A	X = 241826.5559	Y = 9104587.1851
					B	X = 241831.4072	Y = 9104596.4972
					C	X = 241835.4245	Y = 9104582.5648
					D	X = 241840.2758	Y = 9104591.8768
	P27	60868 + 2,61m	X = 241845.3964	Y = 9104612.5273	A	X = 241838.5364	Y = 9104610.1814
					B	X = 241843.3878	Y = 9104619.4935
					C	X = 241847.4050	Y = 9104605.5611
					D	X = 241852.2564	Y = 9104614.8732
	P28	60869 + 8,54m	X = 241857.3769	Y = 9104635.5236	A	X = 241850.5169	Y = 9104633.1778
					B	X = 241855.3683	Y = 9104642.4898
					C	X = 241859.3856	Y = 9104628.5574
					D	X = 241864.2369	Y = 9104637.8695
	P29	60870 + 14,47m	X = 241869.3575	Y = 9104658.5200	A	X = 241862.4356	Y = 9104656.4882
					B	X = 241867.0560	Y = 9104665.3569
					C	X = 241871.6590	Y = 9104651.6631
					D	X = 241876.2793	Y = 9104660.5517
	P30	60872 + 0,4m	X = 241881.3381	Y = 9104681.5166	A	X = 241874.4163	Y = 9104679.4848
					B	X = 241879.0366	Y = 9104688.3534
					C	X = 241883.6397	Y = 9104674.6797
					D	X = 241888.2600	Y = 9104683.5483
	P31	60873 + 6,33m	X = 241893.3186	Y = 9104704.5126	A	X = 241887.2485	Y = 9104702.6009
					B	X = 241891.4068	Y = 9104710.5827
					C	X = 241895.2303	Y = 9104698.4426
					D	X = 241899.3886	Y = 9104706.4244
	P32	60872 + 12,26m	X = 241905.2991	Y = 9104727.5090	A	X = 241899.2291	Y = 9104725.5973
					B	X = 241903.3874	Y = 9104733.5790
					C	X = 241907.2108	Y = 9104721.4389
					D	X = 241911.3691	Y = 9104729.4207
	P33	60875 + 18,19m	X = 241917.2542	Y = 9104750.5186	A	X = 241911.1842	Y = 9104748.6068
					B	X = 241915.3425	Y = 9104756.5886
					C	X = 241919.1660	Y = 9104744.4485
					D	X = 241923.3243	Y = 9104752.4303
	P34	60877 + 4,12m	X = 241929.2169	Y = 9104773.5205	A	X = 241923.6470	Y = 9104771.9031
					B	X = 241927.3300	Y = 9104779.0949
					C	X = 241931.1039	Y = 9104768.0360
					D	X = 241934.7869	Y = 9104775.1378
	P35	60878 + 10,08m	X = 241941.3878	Y = 9104796.4364	A	X = 241935.8020	Y = 9104794.8747
					B	X = 241939.5556	Y = 9104801.9394
					C	X = 241943.2199	Y = 9104790.9334
					D	X = 241946.9736	Y = 9104797.9981
	P36	60879 + 16,03m	X = 241953.7554	Y = 9104819.2444	A	X = 241948.1561	Y = 9104817.7321
					B	X = 241951.9719	Y = 9104824.7634
					C	X = 241955.5389	Y = 9104813.7254
					D	X = 241959.3548	Y = 9104820.7567
	P37	60881 + 1,97m	X = 241966.3196	Y = 9104841.9441	A	X = 241960.7076	Y = 9104840.4791
					B	X = 241964.5828	Y = 9104847.4779
					C	X = 241968.0563	Y = 9104838.4102
					D	X = 241971.9315	Y = 9104843.4090
	P38	60882 + 7,92m	X = 241979.2004	Y = 9104864.4771	A	X = 241973.5682	Y = 9104863.0917
					B	X = 241977.5420	Y = 9104870.0349
					C	X = 241980.8587	Y = 9104858.9192
					D	X = 241984.8325	Y = 9104865.8624
	P39	60883 + 13,88m	X = 241992.5201	Y = 9104886.7635	A	X = 241986.6626	Y = 9104885.4857
					B	X = 241990.9680	Y = 9104892.3520
					C	X = 241994.0722	Y = 9104881.1750
					D	X = 241998.1776	Y = 9104888.0413
	P40	60884 + 19,84m	X = 242006.2213	Y = 9104908.8125	A	X = 242000.5432	Y = 9104907.8299
					B	X = 242004.7633	Y = 9104914.4262
					C	X = 242007.8793	Y = 9104903.1988
					D	X = 242011.8995	Y = 9104909.9951
	P41	60886 + 5,80m	X = 242020.3036	Y = 9104930.6234	A	X = 242014.0812	Y = 9104929.2886
					B	X = 242018.9688	Y = 9104936.8458
					C	X = 242021.6384	Y = 9104924.4010
					D	X = 242026.5260	Y = 9104931.9583
	P42	60887 + 11,76m	X = 242034.7600	Y = 9104952.1855	A	X = 242028.5158	Y = 9104950.9563
					B	X = 242033.5307	Y = 9104958.4296
					C	X = 242035.9892	Y = 9104945.9414
					D	X = 242041.0041	Y = 9104953.4147
	P43	60888 + 17,72m	X = 242049.5872	Y = 9104973.4939	A	X = 242043.3233	Y = 9104972.3696
					B	X = 242048.4628	Y = 9104979.7578
					C	X = 242050.7115	Y = 9104967.2301
					D	X = 242055.8510	Y = 9104974.6182
	P44	60890 + 3,68m	X = 242064.7820	Y = 9104994.5441	A	X = 242058.4989	Y = 9104993.5325
					B	X = 242063.7704	Y = 9105000.8271
					C	X = 242065.7936	Y = 9104988.2810
					D	X = 242071.0650	Y = 9104995.5556
	P45	60891 + 9,64m	X = 242080.3383	Y = 9105015.3273	A	X = 242074.5785	Y = 9105014.6450
					B	X = 242079.3760	Y = 9105021.0469
					C	X = 242081.3005	Y = 9105009.6077
					D	X = 242086.0980	Y = 9105016.0096
02	P46	60892 + 15,60m	X = 242096.2505	Y = 9105035.8364	A	X = 242090.3916	Y = 9105035.9482
					B	X = 242094.6787	Y = 9105041.4817
					C	X = 242097.8224	Y = 9105030.1912
					D	X = 242102.1095	Y = 9105035.7247
	P47	60894 + 1,56m	X = 242112.5178	Y = 9105056.0702	A	X = 242107.1768	Y = 9105056.1327
					B	X = 242111.3148	Y = 9105061.2743
					C	X = 242113.7207	Y = 9105050.8661
					D	X = 242117.8588	Y = 9105056.0071
	P48	60895 + 7,52m	X = 242129.1315	Y = 9105076.0179	A	X = 242123.7924	Y = 9105076.1730
					B	X = 242128.0191	Y = 9105081.2421
					C	X = 242130.2440	Y = 9105070.7937
					D	X = 242134.4706	Y = 9105075.8627
	P49	60896 + 13,48m	X = 242146.0880	Y = 9105095.6751	A	X = 242140.7524	Y = 9105095.9229
					B	X = 242145.0664	Y = 9105100.9178
					C	X = 242147.1096	Y = 9105090.4323
					D	X = 242151.4236	Y = 9105095.4273
	P-(C+D) E02	60897 + 18,72m	X = 242162.8577	Y = 9105114.4588	A	X = 242158.9393	Y = 9105114.9796
					B	X = 242161.9659	Y = 9105118.3098
					C	X = 242163.7495	Y = 9105110.6079
					D	X = 242166.7761	Y = 9105113.9380
	PB - E02	60898 + 10,25m	X = 242171.6856	Y = 9105122.0905	A	X = 242169.8492	Y = 9105122.0028
					B	X = 242171.5979	Y = 9105123.9269
					C	X = 242171.7733	Y = 9105120.2541
					D	X = 242173.5220	Y = 9105122.1782
	PA -E02	60898 + 10,25m	X = 242169.6135	Y = 9105123.9737	A	X = 242167.7771	Y = 9105123.8860
					B	X = 242169.5258	Y = 9105125.8101
					C	X = 242169.7012	Y = 9105122.1373
					D	X = 242171.4469	Y = 9105124.0614

Nº	DISCRIMINAÇÃO	EMITENTE	VERIFICAÇÃO	APROVAÇÃO	CÓDIGO	OBJETO
02	REVISÃO DO PROJETO EXECUTIVO					
01	REVISÃO GERAL					

REVISÕES — DOCUMENTOS DE REFERÊNCIA

Consórcio CONCREMAT ENGENHARIA atp engenharia ltda

Nº DE TRABALHO: 338.006 - CONTRATO CFN Nº: 10700001-A

PROJ.	HUMBERTO LUIZ PEREIRA CREA: 3266 D-PE	
DES.	LUCIANO CLERICUZI	
VERIF.	HUMBERTO LUIZ PEREIRA	
RESP.TEC.	GILBERTO GONÇALVES / JOSÉ THEODÓZIO	

CONVENÇÕES

- EIXO DE LOCAÇÃO
- LASTRO
- FAIXA DE DOMÍNIO
- OFF-SET DE ATERRO
- OFF-SET DE CORTE
- SUPERFÍCIE EXISTENTE
- GREIDE DE TERRAPLENAGEM

SIGLA		
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	/	/
	/	/
	/	/

ESTA FOLHA É PROPRIEDADE DA CFN COMPANHIA FERROVIÁRIA DO NORDESTE E SEU CONTEÚDO NÃO PODE SER COPIADO OU REVELADO A TERCEIROS, A LIBERAÇÃO OU A APROVAÇÃO DESTE DOCUMENTO NÃO EXIME A DETALHISTA DE SUA RESPONSABILIDADE SOBRE O MESMO.

APROVAÇÃO

CFN COMPANHIA FERROVIÁRIA DO NORDESTE

LINHA: FERROVIA NOVA TRANSNORDESTINA
TRECHO: ELISEU MARTINS/PI - TRINDADE/PE
SUBTRECHO: LOTE 06 - OBRA 02
OBJETO: PROJETO EXECUTIVO
ESCALA: 1:2000
QUADRO DE COORDENADAS
DESENHO Nº: TR-338.006-PE-OAE-62064
REV. 02

Arquivo: OAE-62064-QC.dwg - Escala de plotagem: 1000/2000 - SUPERIOR ISO A1