

Linha Abrantes - Paraimo / Abrantes - Bodiosa		CC1	CC2	CG1	CG2	Data: 14/07/2025									
400 kV 3 2		ZAMBEZE	ZAMBEZE	DORKING	OPGW	Revisão: 0									

Apoio de Projeto			Distância à origem	Ângulo	Vão Posterior	Coordenadas (m)			Adaptação	Fixação			Amortecedores			Contrapesos por Fase	Linhas Simples - 1	Linhas Dupla - 2	QT CC	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esféras	Sinalização Avifauna (Espaçamento [m])	Pintura de Apoio	Sinalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO	[N]											
P461/P471	PAL4	0 0 0 0	0.0	0.0	74.2	1936.1	-23141.5	108.3	0	AP	A	A					2	2	1	1		4D4H2M150P5					
1/1	ELT1	0 0 0 0	74.2	-23.7	73.4	1950.0	-23214.4	108.5	0	AD	A	A					2	6	1	1		4D4H2M150N5		20			
2/2	ELT1	0 0 0 0	147.6	-40.1	134.0	1989.0	-23276.6	109.5	0	AD	A	A					2	6	1	1		4D4H2M150N5		20			
3/3	ELA2	0 0 0 0	281.6	-28.7	304.2	2113.5	-23326.3	111.5	0	AD	A	A					2	6	1	1		4D4H2M150N5		20			
4/4	DLA2	0 0 0 0	585.8	13.9	340.5	2416.9	-23304.6	114.7	0	AD	A	A					2	6	1	1		4D4H2M150N5		20		Reforçado cf. A.12	
5/5	DLA8	0 0 0 0	926.3	-4.3	404.2	2753.7	-23354.6	102.4	0	AD	A	A					2	6	1	1		4D4H2M150N5		20		Reforçado cf. A.12	
6/6	DLR7	0 0 0 0	1330.5	0.0	476.9	3156.6	-23386.9	112.0	0	SD	S	S					2	6	1	1		4D4K2M105L5		20			
7/7	DLA7	0 0 0 0	1807.3	-9.1	450.3	3631.9	-23424.9	115.3	0	AD	A	A					2	6	1	1		4D4H2M150N5		20		Reforçado cf. A.12	
8/8	ELS8	0 0 0 0	2257.7	0.0	629.8	4081.4	-23396.5	95.9	0	SD	A	A					2	6	1	1		4D4K2M105L5	S	20			
9/9	ELA6	0 0 0 0	2887.5	-21.6	331.9	4709.9	-23356.9	90.1	0	AD	A	A					2	6	1	1		4D4H2M150N5		20			
10/10	DLT8	0 0 0 0	3219.4	-39.8	520.8	5015.3	-23226.8	86.0	0	AD20	A	A					2	6	1	1		4D4H2M150N5	S	20			
11/11	ELA6	0 0 0 0	3740.3	-24.9	404.6	5284.3	-22780.9	67.8	0	AD20	A	A					2	6	1	1		4D4H2M150N5		20			
12/12	DLR7	0 0 0 0	4144.8	0.0	723.0	5345.5	-22380.9	50.2	0	SD20	A	A					2	6	1	1		4D4K2M105L5	S	20			
13/13	DLT8	0 0 0 0	4867.9	14.5	333.4	5454.9	-21666.2	74.5	0	AD20	A	A					2	6	1	1		4D4H2M150N5		20			
14/14	ELT4	0 0 0 0	5201.3	30.1	324.6	5578.4	-21356.5	69.8	0	AD20	A	A					2	6	1	1		4D4H2M150N5		20			
15/15	DLS4	0 0 0 0	5525.9	0.0	454.1	5822.7	-21142.8	75.9	0	SD20	S	S					2	6	1	1		4D4K2M105L5		20		Reforçado cf. A.12	
16/16	DLA6	0 0 0 0	5979.8	-13.4	449.8	6164.5	-20843.7	91.5	0	AD	A	A					2	2	1	1		4D4H2M150N5		20		Reforçado cf. A.12	
17/17	DLA6	0 0 0 0	6429.6	-18.7	311.1	6433.5	-20483.3	95.6	0	AD	A	A					2	2	1	1		4D4H2M150N5				Reforçado cf. A.12	
18/18	DLA8	0 0 0 0	6740.7	-20.3	324.7	6539.6	-20190.8	90.2	0	AD	A	A					2	2	1	1		4D4H2M150N5				Reforçado cf. A.12	
19/19	DLS8	0 0 0 0	7065.3	0.0	338.2	6549.1	-19866.3	94.5	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
20/20	DLS5	0 0 0 0	7403.6	0.0	456.1	6559.0	-19528.2	111.0	0	SD	A	A					2	2	1	1		4D4K2M105L5	S		S	Balizagem Luminosa Reforçado cf. A.12	
21/21	DLS3	0 0 0 0	7859.6	0.0	392.2	6572.4	-19072.4	147.2	0	SD	A	A					2	2	1	1		4D4K2M105L5			S	Balizagem Luminosa Reforçado cf. A.12	
22/22	DLR5	0 0 0 0	8251.8	0.0	535.4	6583.8	-18680.4	147.5	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
23/23	DLT7	0 0 0 0	8787.2	-22.5	609.1	6599.5	-18145.2	165.8	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
24/24	ELS8	0 0 0 0	9396.3	0.0	560.5	6405.7	-17567.7	128.3	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
25/25	ELS8	0 0 0 0	9956.8	0.0	639.7	6227.4	-17036.4	129.1	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
26/26	DLR6	0 0 0 0	10596.5	0.0	588.8	6023.8	-16430.0	126.4	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
27/27	DLA4	0 0 0 0	11185.3	-8.2	516.5	5836.5	-15871.7	177.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S			Reforçado cf. A.12	
28/28	DLA4	0 0 0 0	11701.8	-3.3	607.7	5610.5	-15407.3	181.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S			Reforçado cf. A.12	
29/29	DLA6	0 0 0 0	12309.6	-4.9	445.3	5316.5	-14875.4	204.3	0	AD	A	A					2	2	1	1		4D4H2M150N5				Reforçado cf. A.12	
30/30	DLS5	0 0 0 0	12754.9	0.0	409.1	5071.9	-14503.2	242.6	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
31/31	DLS4	0 0 0 0	13164.0	0.0	377.0	4847.2	-14161.4	242.6	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
32/32	DLS4	0 0 0 0	13541.0	0.0	330.3	4640.1	-13846.4	229.0	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
33/33	DLS4	0 0 0 0	13871.3	0.0	364.9	4458.7	-13570.4	233.6	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
34/34	DLT4	0 0 0 0	14236.2	31.8	380.4	4258.3	-13265.4	252.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
35/35	DLS5	0 0 0 0	14616.6	0.0	327.7	4227.3	-12886.3	284.5	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
36/36	DLS5	0 0 0 0	14944.3	0.0	334.0	4200.7	-12559.6	296.0	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
37/37	DLR5	0 0 0 0	15278.3	0.0	762.1	4173.5	-12226.8	299.8	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
38/38	DLA9	0 0 0 0	16040.4	-13.9	641.3	4111.5	-11467.2	301.8	0	AD	A	A					2	2	1	1		4D4H2M150N5	S			Reforçado cf. A.12	
39/39	DLA5	0 0 0 0	16681.7	-2.7	548.8	3922.2	-10854.5	297.6	0	AD	A	A					2	2	1	1		4D4H2M150N5	S			Reforçado cf. A.12	
40/40	ELS8	0 0 0 0	17230.5	0.0	385.3	3738.3	-10337.3	315.3	0	SD	A	A					2	2	1	1		4D4K2M105L5					
41/41	DLS7	0 0 0 0	17615.8	0.0	484.1	3609.2	-9974.3	344.0	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
42/42	DLT4	0 0 0 0	18099.9	30.8	491.8	3447.1	-9518.2	352.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					
43/43	DLS3	0 0 0 0	18591.7	0.0	484.6	3516.6	-9031.3	369.8	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
44/44	DLR3	0 0 0 0	19076.3	0.0	471.8	3585.0	-8551.6	409.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					
45/45	DLS5	0 0 0 0	19548.1	0.0	420.3	3651.7	-8084.6	373.5	0	SD	S	S					2	2	1	1		4D4K2M105L5				Reforçado cf. A.12	
46/46	ELA6	0 0 0 0	19968.4	25.3	690.2	3711.1	-7668.5	356.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				

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Apoio de Projeto			Distância à origem	Ângulo	Vão Posterior	Coordenadas (m)			Adaptação	Fixação			Amortecedores			Contrapesos por Fase [N]	Linhas Simples - 1	Linhas Dupla - 2	QT CC	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esferas	Sinalização Avifauna (Espacamento [m])	Pintura de Apoio	Sinalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO												
47/47	DLT6	0 0 0 0	20658.6	31.5	323.9	4065.4	-7076.2	391.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					
48/48	DLS2	0 0 0 0	20982.5	0.0	353.0	4343.7	-6910.4	415.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
49/49	DLR5	0 0 0 0	21335.4	0.0	769.2	4646.9	-6729.8	377.5	0	SD	A	A				1000	2	2	1	1		4D4K2M105L5	S				
50/50	DLR6	0 0 0 0	22104.6	0.0	504.6	5307.8	-6336.2	425.4	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
51/51	DLT2	0 0 0 0	22609.2	-34.0	338.4	5741.3	-6077.9	405.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					
52/52	DLT3	0 0 0 0	22947.6	-35.7	822.2	5903.5	-5781.0	362.2	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
53/53	DLA5	0 0 0 0	23769.8	-6.3	623.7	5853.3	-4960.3	297.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A. 12
54/54	DLA3	0 0 0 0	24393.5	-14.7	365.4	5753.6	-4344.6	377.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
55/55	DLS3	0 0 0 0	24758.9	0.0	348.9	5614.2	-4006.8	389.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
56/56	ELA5	0 0 0 0	25107.8	0.0	1013.4	5481.1	-3684.3	396.3	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
57/57	DLA9	0 0 0 0	26121.2	-7.7	484.0	5094.5	-2747.5	344.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
58/58	DLS3	0 0 0 0	26605.2	0.0	407.2	4857.3	-2325.7	361.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
59/59	DLA4	0 0 0 0	27012.4	17.6	494.0	4657.7	-1970.8	376.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
60/60	DLA3	0 0 0 0	27506.4	20.3	471.3	4542.3	-1490.4	336.4	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
61/61	DLS3	0 0 0 0	27977.8	0.0	378.2	4581.8	-1020.7	336.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
62/62	DLS5	0 0 0 0	28355.9	0.0	467.9	4613.4	-643.9	365.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
63/63	DLS5	0 0 0 0	28823.9	0.0	362.8	4652.6	-177.6	404.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
64/64	DLS5	0 0 0 0	29186.6	0.0	309.0	4683.0	183.9	428.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
65/65	DLR6	0 0 0 0	29495.6	0.0	413.6	4708.8	491.8	384.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					
66/66	DLS6	0 0 0 0	29909.2	0.0	408.5	4743.5	904.0	343.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
67/67	DLA8	0 0 0 0	30317.7	-20.0	449.5	4777.7	1311.0	320.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
68/68	DLR6	0 0 0 0	30767.3	0.0	501.9	4675.2	1748.8	318.2	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
69/69	DLA6	0 0 0 0	31269.2	-14.9	296.4	4560.8	2237.4	306.5	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
70/70	DLS4	0 0 0 0	31565.6	0.0	497.2	4428.0	2502.4	309.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
71/71	DLA5	0 0 0 0	32062.8	14.8	583.9	4205.2	2946.9	302.2	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A. 12
72/72	DLR4	0 0 0 0	32646.7	0.0	445.6	4071.1	3515.2	278.0	0	SD	A	A					2	2	1	1		4D4K2M105L5					
73/73	DLA6	0 0 0 0	33092.3	-4.0	580.2	3968.7	3948.9	268.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A. 12
74/74	DLR5	0 0 0 0	33672.5	0.0	535.1	3800.7	4504.2	262.9	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
75/75	DLS3	0 0 0 0	34207.5	0.0	312.0	3645.7	5016.3	259.4	0	SD	A	A					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
76/76	DLA1	0 0 0 0	34519.6	-11.3	407.2	3555.4	5315.0	244.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
77/77	DLS7	0 0 0 0	34926.8	0.0	380.7	3370.4	5677.8	265.4	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
78/78	ELS8	0 0 0 0	35307.5	0.0	471.5	3197.4	6016.9	276.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					
79/79	DLA1	0 0 0 0	35779.0	-19.7	667.2	2983.2	6436.9	259.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A. 12
80/80	DLA1	0 0 0 0	36446.2	-2.1	306.0	2513.3	6910.5	240.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
81/81	DLS3	0 0 0 0	36752.2	0.0	233.6	2290.9	7120.7	251.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
82/82	DLS3	0 0 0 0	36985.7	0.0	528.5	2121.1	7281.1	250.9	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				Reforçado cf. A. 12
83/83	DLR6	0 0 0 0	37514.2	0.0	381.9	1737.0	7644.1	238.0	0	SD	A	A					2	2	1	1		4D4K2M105L5					
84/84	DLA3	0 0 0 0	37896.1	15.0	513.6	1459.4	7906.3	260.1	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A. 12
85/85	DLA1	0 0 0 0	38409.6	-20.0	350.8	1178.7	8336.4	213.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
86/86	DLS2	0 0 0 0	38760.4	0.0	304.1	905.5	8556.5	216.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
87/87	ELA2	0 0 0 0	39064.5	-11.4	286.5	668.8	8747.2	243.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					
88/88	DLA3	0 0 0 0	39351.0	-9.8	414.5	417.2	8884.3	249.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A. 12
89/89	DLS5	0 0 0 0	39765.5	0.0	300.6	27.2	9024.8	255.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
90/90	DLS3	0 0 0 0	40066.2	0.0	512.5	-255.7	9126.6	239.5	0	SD	A	A					2	2	1	1		4D4K2M105L5					Reforçado cf. A. 12
91/91	DLR7	0 0 0 0	40578.7	0.0	541.2	-737.9	9300.2	240.7	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
92/92	DLR5	0 0 0 0	41119.9	0.0	462.5	-1247.1	9483.6	240.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					

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Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO												
93/93	DLA1	0 0 0 0	41582.4	11.4	405.8	-1682.3	9640.2	232.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
94/94	DLS5	0 0 0 0	41988.2	0.0	432.1	-2033.6	9843.3	230.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
95/95	DLS6	0 0 0 0	42420.2	0.0	427.1	-2407.7	10059.5	228.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
96/96	DLR7	0 0 0 0	42847.4	0.0	491.8	-2777.5	10273.3	237.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					
97/97	DLT4	0 0 0 0	43339.2	-30.6	393.2	-3203.3	10519.4	272.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					
98/98	DLA5	0 0 0 0	43732.4	13.8	282.5	-3596.1	10536.5	259.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
99/99	DLS3	0 0 0 0	44015.0	0.0	305.6	-3869.1	10609.5	264.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
100/100	DLA5	0 0 0 0	44320.6	22.9	345.9	-4164.3	10688.4	274.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
101/101	DLA1	0 0 0 0	44666.5	5.2	361.4	-4445.6	10889.7	284.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
102/102	ELS4	0 0 0 0	45027.9	0.0	785.8	-4721.3	11123.4	273.2	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
103/103	ELS3	0 0 0 0	45813.7	0.0	378.0	-5320.8	11631.4	263.8	0	SD	A	A					2	2	1	1		4D4K2M105L5					
104/104	DLS2	0 0 0 0	46191.7	0.0	278.1	-5609.2	11875.7	273.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
105/105	DLA5	0 0 0 0	46469.8	-11.4	932.0	-5821.4	12055.5	280.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
106/106	DLA6	0 0 0 0	47401.9	0.0	311.6	-6628.2	12522.2	355.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
107/107	DLS7	0 0 0 0	47713.5	0.0	327.4	-6898.0	12678.2	331.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
108/108	DLA6	0 0 0 0	48040.9	0.0	843.1	-7181.5	12842.1	286.7	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
109/109	DLA5	0 0 0 0	48884.0	23.5	195.9	-7911.3	13264.2	384.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
110/110	DLS3	0 0 0 0	49079.9	0.0	243.7	-8034.0	13416.9	405.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
111/111	DLS6	0 0 0 0	49323.7	0.0	387.7	-8186.7	13606.9	410.7	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
112/112	ELA6	0 0 0 0	49711.4	33.4	293.7	-8429.7	13909.0	376.3	0	AD	A	A					2	2	1	1		4D4H2M150N5					
113/113	DLS5	0 0 0 0	50005.0	0.0	423.7	-8474.1	14199.3	402.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
114/114	DLA6	0 0 0 0	50428.7	11.6	277.0	-8538.2	14618.1	405.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
115/115	ELA8	0 0 0 0	50705.7	31.9	421.1	-8529.7	14895.0	372.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
116/116	DLS6	0 0 0 0	51126.8	0.0	360.4	-8316.1	15257.9	311.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
117/117	ELA8	0 0 0 0	51487.2	-11.8	894.4	-8133.3	15568.4	294.5	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
118/118	DLT7	0 0 0 0	52381.6	-39.4	432.3	-7829.2	16409.5	373.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					
119/119	DLA2	0 0 0 0	52813.9	-3.9	431.0	-7945.1	16826.0	400.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
120/120	DLR4	0 0 0 0	53244.9	0.0	517.9	-8086.0	17233.4	426.4	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
121/121	DLA3	0 0 0 0	53762.8	-14.4	339.3	-8255.3	17722.8	436.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
122/122	DLS4	0 0 0 0	54102.2	0.0	382.3	-8435.3	18010.5	458.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
123/123	DLR5	0 0 0 0	54484.5	0.0	672.3	-8638.2	18334.5	422.0	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
124/124	DLR5	0 0 0 0	55156.8	0.0	496.7	-8994.9	18904.4	397.6	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
125/125	DLT4	0 0 0 0	55653.5	-3.4	1202.6	-9258.4	19325.4	314.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
126/126	DLT3	0 0 0 0	56856.1	8.1	442.8	-9950.1	20309.2	348.4	0	AD	A	A					2	2	1	1		4D4H2M150N5					
127/127	DLA5	0 0 0 0	57298.9	19.2	591.1	-10156.5	20700.9	308.7	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
128/128	DLR7	0 0 0 0	57890.0	0.0	361.5	-10264.0	21282.2	325.7	0	SD	S	S					2	2	1	1		4D4K2M105L5					
129/129	DLR5	0 0 0 0	58251.4	0.0	544.6	-10329.7	21637.6	354.9	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
130/130	DLS5	0 0 0 0	58796.1	0.0	320.3	-10428.7	22173.2	346.8	0	SD	A	A					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
131/131	DLA5	0 0 0 0	59116.4	15.9	558.6	-10486.9	22488.2	327.8	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
132/132	DLA3	0 0 0 0	59675.0	17.7	343.8	-10449.8	23045.5	411.7	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
133/133	DLT6	0 0 0 0	60018.8	38.7	330.7	-10333.7	23369.2	418.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					
134/134	DLA6	0 0 0 0	60349.5	24.1	393.6	-10064.2	23560.8	402.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
135/135	DLS2	0 0 0 0	60743.1	0.0	300.5	-9681.8	23653.9	384.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
136/136	DLS2	0 0 0 0	61043.6	0.0	350.1	-9389.8	23724.9	372.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
137/137	DLT1	0 0 0 0	61393.7	-22.4	550.5	-9049.7	23807.7	346.1	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
138/138	DLT1	0 0 0 0	61944.2	-32.0	355.6	-8592.3	24114.1	292.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					

Linha Abrantes - Paraimo / Abrantes - Bodiosa		CC1	CC2	CG1	CG2	Data: 14/07/2025									
400 kV 3 2		ZAMBEZE	ZAMBEZE	DORKING	OPGW	Revisão: 0									

Apoio de Projeto			Distância à origem	Ângulo	Vão Posterior	Coordenadas (m)			Adaptação	Fixação			Amortecedores			Contrapesos por Fase [N]	Linhas Simples - 1	Linhas Duplas - 2	QT CC	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esféras	Sinalização Avifauna (Espaçamento [m])	Pintura de Apoio	Sinalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO												
139/139	DLT2	0 0 0 0	62299.7	-34.9	286.2	-8428.9	24429.9	311.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					
140/140	ELA3	0 0 0 0	62585.9	-28.3	456.2	-8449.1	24715.3	342.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					
141/141	DLA6	0 0 0 0	63042.1	18.0	392.0	-8674.1	25112.3	341.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
142/142	DLS3	0 0 0 0	63434.1	0.0	239.2	-8764.5	25493.7	349.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
143/143	DLS2	0 0 0 0	63673.4	0.0	448.1	-8819.7	25726.5	344.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
144/144	DLA6	0 0 0 0	64121.5	8.3	524.6	-8923.2	26162.5	349.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
145/145	DLR7	0 0 0 0	64646.1	0.0	511.8	-8977.2	26684.3	400.7	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
146/146	DLA4	0 0 0 0	65157.9	8.5	448.3	-9030.0	27193.3	407.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
147/147	DLT6	0 0 0 0	65606.1	-40.0	440.8	-9016.3	27641.4	426.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					
148/148	DLS6	0 0 0 0	66046.9	0.0	434.1	-9264.5	28005.6	435.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
149/149	DLR6	0 0 0 0	66481.1	0.0	491.2	-9509.0	28364.4	444.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					
150/150	DLS3	0 0 0 0	66972.2	0.0	342.0	-9785.6	28770.3	457.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
151/151	DLA3	0 0 0 0	67314.2	24.1	496.6	-9978.3	29052.9	482.1	0	AD	A	A					2	2	1	1		4D4H2M150N5	S		S		Balizagem Luminosa Reforçado cf. A.12
152/152	DLS4	0 0 0 0	67810.8	0.0	322.5	-10086.7	29537.4	539.0	0	SD	A	A					2	2	1	1		4D4K2M105L5			S		Balizagem Luminosa
153/153	DLS6	0 0 0 0	68133.3	0.0	457.3	-10157.2	29852.1	567.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
154/154	ELA2	0 0 0 0	68590.6	27.2	409.6	-10257.1	30298.4	556.5	0	AD	A	A					2	2	1	1		4D4H2M150N5					
155/155	DLS6	0 0 0 0	69000.2	0.0	276.5	-10172.7	30699.2	571.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
156/156	DLA5	0 0 0 0	69276.8	13.3	287.8	-10115.7	30969.8	574.5	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
157/157	DLA5	0 0 0 0	69564.5	31.9	479.7	-9999.3	31233.0	586.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
158/158	DLT4	0 0 0 0	70044.3	39.9	539.6	-9618.5	31524.8	569.4	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
159/159	DLA3	0 0 0 0	70583.8	11.1	332.9	-9079.1	31539.6	535.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
160/160	DLS5	0 0 0 0	70916.7	0.0	454.7	-8749.9	31490.6	525.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
161/161	DLA4	0 0 0 0	71371.4	20.4	457.5	-8300.1	31423.8	497.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
162/162	DLS4	0 0 0 0	71828.9	0.0	309.5	-7891.9	31217.2	496.4	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
163/163	DLT6	0 0 0 0	72138.4	-38.4	450.0	-7615.8	31077.4	478.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
164/164	ELA8	0 0 0 0	72588.4	-33.0	382.5	-7169.8	31137.8	446.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
165/165	DLS5	0 0 0 0	72970.9	0.0	452.6	-6866.1	31370.3	419.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
166/166	DLS5	0 0 0 0	73423.5	0.0	229.3	-6506.8	31645.5	393.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
167/167	DLA1	0 0 0 0	73652.9	-18.8	491.1	-6324.7	31784.9	391.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
168/168	DLR3	0 0 0 0	74144.0	0.0	306.3	-6038.6	32184.1	408.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					
169/169	DLA9	0 0 0 0	74450.2	0.0	208.9	-5860.2	32433.0	447.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
170/170	DLT10	0 0 0 0	74659.2	30.9	343.5	-5738.6	32602.9	460.3	0	AD	A	A					2	2	1	1		4D4H2M150N5					
171/171	DLS5	0 0 0 0	75002.7	0.0	306.1	-5431.2	32756.4	484.7	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
172/172	DLS4	0 0 0 0	75308.9	0.0	283.8	-5157.3	32893.1	521.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
173/173	DLS3	0 0 0 0	75592.7	0.0	313.5	-4903.4	33019.9	530.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
174/174	DLS3	0 0 0 0	75906.2	0.0	305.0	-4622.9	33160.0	545.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
175/175	DLR9	0 0 0 0	76211.1	0.0	550.1	-4350.1	33296.3	531.8	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
176/176	DLR9	0 0 0 0	76761.2	0.0	705.5	-3858.0	33542.0	492.1	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
177/177	DLR6	0 0 0 0	77466.7	0.0	342.6	-3226.8	33857.2	541.7	0	SD	A	A					2	2	1	1		4D4K2M105L5					
178/178	DLS6	0 0 0 0	77809.2	0.0	315.5	-2920.4	34010.2	539.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
179/179	DLA4	0 0 0 0	78124.7	12.7	607.2	-2638.1	34151.2	536.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
180/180	DLR2	0 0 0 0	78731.9	0.0	353.1	-2051.9	34309.2	541.2	0	SD	A	A					2	2	1	1		4D4K2M105L5					
181/181	DLS2	0 0 0 0	79085.0	0.0	269.5	-1710.9	34401.1	530.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
182/182	DLS3	0 0 0 0	79354.5	0.0	349.9	-1450.7	34471.2	527.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
183/183	DLS3	0 0 0 0	79704.4	0.0	393.4	-1112.8	34562.3	499.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
184/184	DLA5	0 0 0 0	80097.8	-32.3	287.9	-733.0	34664.6	499.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12

Linha Abrantes - Paraimo / Abrantes - Bodiosa		CC1	CC2	CG1	CG2	Data: 14/07/2025									
400 kV						Revisão: 0									
3 2		ZAMBEZE	ZAMBEZE	DORKING	OPGW										

Apoio de Projeto			Distância à origem	Ângulo	Vão Posterior	Coordenadas (m)			Adaptação	Fixação			Amortecedores			Contrapesos por Fase [N]	Linha Simples - 1	Linhas Dupla - 2	QT CC	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esferas	Sinalização Avifauna (Espacamento [m])	Pintura de Apoio	Sinalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO												
185/185	DLS1	0 0 0 0	80385.7	0.0	347.8	-526.4	34865.2	491.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
186/186	DLS2	0 0 0 0	80733.5	0.0	322.5	-276.8	35107.4	458.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
187/187	DLS1	0 0 0 0	81056.0	0.0	369.7	-45.4	35332.1	440.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
188/188	DLR6	0 0 0 0	81425.7	0.0	639.0	219.8	35589.6	423.7	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
189/189	DLT4	0 0 0 0	82064.7	-29.8	419.2	678.3	36034.6	366.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
190/190	DLA1	0 0 0 0	82483.9	-2.5	257.0	814.7	36431.0	424.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
191/191	DLS4	0 0 0 0	82740.9	0.0	327.7	888.6	36677.2	450.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
192/192	DLS3	0 0 0 0	83068.6	0.0	278.3	982.8	36991.0	488.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
193/193	DLS5	0 0 0 0	83346.9	0.0	498.3	1062.8	37257.6	474.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
194/194	DLS6	0 0 0 0	83845.2	0.0	329.4	1206.1	37734.8	502.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
195/195	DLS6	0 0 0 0	84174.6	0.0	347.7	1300.8	38050.3	502.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
196/196	DLR5	0 0 0 0	84522.4	0.0	350.8	1400.7	38383.4	460.7	0	SD	S	S					2	2	1	1		4D4K2M105L5					
197/197	DLA1	0 0 0 0	84873.1	12.5	562.8	1501.6	38719.4	464.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
198/198	DLR2	0 0 0 0	85436.0	0.0	411.4	1765.2	39216.6	490.1	0	SD	A	A					2	2	1	1		4D4K2M105L5					
199/199	DLS5	0 0 0 0	85847.4	0.0	352.2	1957.9	39580.1	505.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
200/200	DLS5	0 0 0 0	86199.5	0.0	285.7	2122.9	39891.3	523.4	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
201/201	DLS4	0 0 0 0	86485.3	0.0	288.7	2256.7	40143.7	550.4	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
202/202	DLS5	0 0 0 0	86774.0	0.0	527.5	2392.0	40398.8	562.3	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				Reforçado cf. A.12
203/203	DLA6	0 0 0 0	87301.4	-1.4	724.3	2639.0	40864.8	524.7	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
204/204	DLR4	0 0 0 0	88025.7	0.0	507.4	2964.3	41511.9	497.2	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
205/205	ELA10	0 0 0 0	88533.1	15.5	524.6	3192.1	41965.3	517.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
206/206	DLT10	0 0 0 0	89057.7	-27.0	566.2	3533.6	42363.4	534.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
207/207	DLT1	0 0 0 0	89623.8	27.6	507.0	3692.9	42906.7	486.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
208/208	DLS5	0 0 0 0	90130.9	0.0	362.6	4026.7	43288.4	488.4	0	SD	A	A					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
209/209	DLS4	0 0 0 0	90493.4	0.0	346.7	4265.4	43561.4	549.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
210/210	ELA3	0 0 0 0	90840.1	-19.2	489.2	4493.6	43822.3	600.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					
211/211	ELA4	0 0 0 0	91329.4	0.0	253.3	4692.0	44269.5	688.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					
212/212	ELA4	0 0 0 0	91582.7	0.0	290.1	4794.7	44501.0	744.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
213/213	ELT4	0 0 0 0	91872.7	-16.4	764.9	4912.4	44766.2	776.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
214/214	ELA6	0 0 0 0	92637.6	7.8	460.7	5034.7	45521.2	768.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					
215/215	ELT4	0 0 0 0	93098.3	-19.3	236.1	5163.7	45963.4	800.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
216/216	ELA4	0 0 0 0	93334.4	-19.3	255.5	5159.3	46199.5	825.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					
217/217	ELT4	0 0 0 0	93589.9	-20.5	483.0	5078.7	46442.0	846.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
218/218	ELA8	0 0 0 0	94072.9	0.0	330.9	4788.8	46828.3	718.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					
219/219	ELT2	0 0 0 0	94403.8	34.6	332.5	4590.2	47093.0	718.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
220/220	ELA2	0 0 0 0	94736.4	8.9	504.0	4556.7	47423.9	693.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
221/221	ELA2	0 0 0 0	95240.3	11.2	186.6	4576.7	47927.4	692.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
222/222	ELS2	0 0 0 0	95426.9	0.0	463.9	4616.7	48109.7	674.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					
223/223	ELA2	0 0 0 0	95890.9	-4.6	502.1	4715.9	48562.9	594.2	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
224/224	ELA4	0 0 0 0	96393.0	2.8	354.1	4787.3	49059.9	604.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					
225/225	ELS5	0 0 0 0	96747.0	0.0	648.3	4852.7	49407.9	545.8	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
226/226	DLA3	0 0 0 0	97395.3	5.7	271.4	4972.6	50044.9	528.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
227/227	DLA3	0 0 0 0	97666.7	5.8	508.3	5046.5	50306.1	529.5	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
228/228	DLA1	0 0 0 0	98175.0	26.9	500.3	5228.8	50780.6	438.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
229/229	DLA2	0 0 0 0	98675.3	4.9	369.9	5583.9	51133.1	476.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
230/230	DLS2	0 0 0 0	99045.2	0.0	259.6	5865.8	51372.4	490.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12

Linha Abrantes - Paraimo / Abrantes - Bodiosa		CC1	CC2	CG1	CG2	Data: 14/07/2025									
400 kV 3 2		ZAMBEZE	ZAMBEZE	DORKING	OPGW	Revisão: 0									

Apoio de Projeto			Distância à origem	Ângulo	Vão Posterior	Coordenadas (m)			Adaptação	Fixação			Amortecedores			Contrapesos por Fase [N]	Linha Simples - 1	Linha Dupla - 2	QT CC	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esferas	Sinalização Avifauna (Espacamento [m])	Pintura de Apoio	Sinalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO												
231/231	DLS2	0 0 0 0	99304.8	0.0	435.7	6063.7	51540.5	503.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
232/232	DLS4	0 0 0 0	99740.5	0.0	208.6	6395.9	51822.5	513.7	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
233/233	DLS6	0 0 0 0	99949.1	0.0	378.0	6554.9	51957.5	511.4	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
234/234	DLS5	0 0 0 0	100327.1	0.0	230.2	6843.0	52202.1	480.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
235/235	DLA1	0 0 0 0	100557.3	14.2	488.7	7018.5	52351.1	492.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
236/236	DLA1	0 0 0 0	101046.1	0.0	404.4	7451.7	52577.4	443.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
237/237	DLS3	0 0 0 0	101450.5	0.0	316.2	7810.2	52764.6	496.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
238/238	ELA1	0 0 0 0	101766.7	-31.9	274.0	8090.5	52911.1	488.3	0	AD	A	A					2	2	1	1		4D4H2M150N5					
239/239	ELT4	0 0 0 0	102040.7	-37.9	599.4	8242.6	53139.0	440.3	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
240/240	ELT4	0 0 0 0	102640.2	-19.2	475.3	8238.8	53738.4	424.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					
241/241	DLA5	0 0 0 0	103115.5	11.7	448.6	8094.8	54191.4	578.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
242/242	ELT1	0 0 0 0	103564.1	-38.3	300.2	8039.5	54636.6	626.5	0	AD	A	A					2	2	1	1		4D4H2M150N5					
243/243	ELT2	0 0 0 0	103864.2	-28.1	324.1	7840.2	54861.0	653.5	0	AD	A	A					2	2	1	1		4D4H2M150N5					
244/244	ELT4	0 0 0 0	104188.3	27.9	317.1	7542.0	54988.1	764.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					
245/245	ELS5	0 0 0 0	104505.4	0.0	253.3	7330.7	55224.5	808.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					
246/246	ELS5	0 0 0 0	104758.7	0.0	254.0	7161.9	55413.4	807.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					
247/247	ELA4	0 0 0 0	105012.8	-22.6	265.4	6992.7	55602.8	779.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					
248/248	ELA1	0 0 0 0	105278.2	-25.1	362.1	6758.0	55726.9	766.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					
249/249	ELS4	0 0 0 0	105640.3	0.0	173.0	6397.5	55760.5	749.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					
250/250	ELA4	0 0 0 0	105813.4	4.1	566.7	6225.2	55776.6	729.3	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
251/251	ELT7	0 0 0 0	106380.1	4.6	840.7	5665.5	55865.5	628.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
252/252	ELT2	0 0 0 0	107220.8	28.3	600.7	4847.0	56057.3	444.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
253/253	DLT5	0 0 0 0	107821.5	29.2	906.9	4378.1	56432.9	320.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
254/254	DLT2	0 0 0 0	108728.4	-27.0	567.0	3994.4	57254.5	311.6	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
255/255	DLT1	0 0 0 0	109295.3	-36.8	467.0	3564.1	57623.8	284.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					
256/256	DLS2	0 0 0 0	109762.3	0.0	260.1	3101.1	57685.0	331.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
257/257	DLS3	0 0 0 0	110022.4	0.0	369.7	2843.3	57719.0	317.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
258/258	DLA3	0 0 0 0	110392.1	11.6	388.2	2476.8	57767.5	318.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
259/259	DLA6	0 0 0 0	110780.3	11.4	641.0	2107.6	57887.4	345.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
260/260	DLR5	0 0 0 0	111421.4	0.0	551.2	1543.0	58191.1	376.5	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
261/261	DLA4	0 0 0 0	111972.6	-3.1	374.2	1057.5	58452.1	448.5	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
262/262	DLR5	0 0 0 0	112346.8	0.0	371.2	719.7	58613.1	379.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					
263/263	DLS3	0 0 0 0	112718.0	0.0	494.1	384.6	58772.8	368.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
264/264	DLR4	0 0 0 0	113212.1	0.0	298.8	-61.4	58985.4	360.2	0	AD	A	A				600	2	2	1	1		4D4H2M150N5					
265/265	DLS5	0 0 0 0	113510.9	0.0	524.6	-331.1	59114.0	412.7	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				Reforçado cf. A.12
266/266	DLR4	0 0 0 0	114035.5	0.0	651.5	-804.7	59339.7	378.8	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
267/267	DLR4	0 0 0 0	114687.1	0.0	362.8	-1392.9	59620.0	364.0	0	SD	A	A					2	2	1	1		4D4K2M105L5					
268/268	DLS5	0 0 0 0	115049.8	0.0	476.4	-1720.4	59776.1	374.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
269/269	DLA6	0 0 0 0	115526.2	8.6	464.9	-2150.4	59981.1	410.6	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
270/270	DLS7	0 0 0 0	115991.2	0.0	355.3	-2539.2	60236.0	429.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
271/271	DLT2	0 0 0 0	116346.5	27.3	455.3	-2836.4	60430.8	458.3	0	AD	A	A					2	2	1	1		4D4H2M150N5					
272/272	ELA3	0 0 0 0	116801.8	-27.6	312.7	-3078.8	60816.2	404.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					
273/273	ELS5	0 0 0 0	117114.5	0.0	500.3	-3341.2	60986.3	338.3	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
274/274	DLA5	0 0 0 0	117614.8	17.5	552.4	-3761.0	61258.5	245.8	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
275/275	DLR6	0 0 0 0	118167.2	0.0	339.4	-4125.3	61673.7	236.2	0	SD	A	A					2	2	1	1		4D4K2M105L5					
276/276	DLR6	0 0 0 0	118506.6	0.0	488.9	-4349.2	61928.8	235.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					

Linha Abrantes - Paraimo / Abrantes - Bodiosa		CC1	CC2	CG1	CG2	Data: 14/07/2025									
400 kV 3 2		ZAMBEZE	ZAMBEZE	DORKING	OPGW	Revisão: 0									

Apoio de Projeto			Distância à origem	Ângulo	Vão Posterior	Coordenadas (m)			Adaptação	Fixação			Amortecedores			Contrapesos por Fase [N]	Linhas Simples - 1	Linhas Duplas - 2	QT CC	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esferas	Sinalização Avifauna (Espaçamento [m])	Pintura de Apoio	Sinalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO												
277/277	ELA4	0 0 0 0	118995.5	-17.9	562.9	-4671.7	62296.2	226.0	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
278/278	DLR3	0 0 0 0	119558.4	0.0	286.4	-5145.8	62599.6	195.8	0	SD	A	A					2	2	1	1		4D4K2M105L5					
279/279	DLA2	0 0 0 0	119844.8	-2.4	295.4	-5387.1	62754.0	217.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
280/280	DLS6	0 0 0 0	120140.2	0.0	336.6	-5641.8	62903.6	232.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
281/281	DLS3	0 0 0 0	120476.8	0.0	320.0	-5932.0	63074.1	240.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
282/282	DLA3	0 0 0 0	120796.7	17.3	377.0	-6207.9	63236.2	266.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
283/283	DLA4	0 0 0 0	121173.8	13.8	391.9	-6470.0	63507.3	299.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
284/284	DLS6	0 0 0 0	121565.7	0.0	321.0	-6675.4	63841.0	304.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
285/285	DLS6	0 0 0 0	121886.7	0.0	423.3	-6843.7	64114.4	299.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
286/286	DLA6	0 0 0 0	122310.0	3.3	404.0	-7065.6	64474.9	271.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
287/287	DLS5	0 0 0 0	122714.1	0.0	420.8	-7259.4	64829.4	280.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
288/288	DLA7	0 0 0 0	123134.9	-8.7	311.8	-7461.2	65198.7	274.4	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
289/289	DLS6	0 0 0 0	123446.7	0.0	379.7	-7646.6	65449.4	278.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
290/290	DLS5	0 0 0 0	123826.4	0.0	364.5	-7872.4	65754.7	288.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
291/291	DLA5	0 0 0 0	124190.9	20.2	298.4	-8089.0	66047.8	270.6	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
292/292	DLT3	0 0 0 0	124489.3	41.4	526.8	-8182.7	66331.1	214.2	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
293/293	DLR4	0 0 0 0	125016.1	0.0	571.1	-8011.0	66829.2	198.3	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
294/294	DLR6	0 0 0 0	125587.2	0.0	525.5	-7825.0	67369.1	131.3	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
295/295	DLT8	0 0 0 0	126112.7	-40.0	377.7	-7653.8	67866.0	153.6	0	AD	A	A					2	2	1	1		4D4H2M150N5					
296/296	DLT10	0 0 0 0	126490.4	-30.9	442.6	-7764.2	68227.2	148.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					
297/297	DLA6	0 0 0 0	126933.0	-19.2	603.9	-8076.0	68541.3	140.6	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
298/298	DLR7	0 0 0 0	127536.9	0.0	552.2	-8609.5	68824.4	110.5	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
299/299	DLR4	0 0 0 0	128089.1	0.0	541.4	-9097.2	69083.2	134.3	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
300/300	DLR6	0 0 0 0	128630.5	0.0	463.9	-9575.5	69337.0	103.9	0	SD	S	S					2	2	1	1		4D4K2M105L5					
301/301	ELA10	0 0 0 0	129094.4	6.9	757.6	-9985.3	69554.4	85.9	0	AD	A	A					2	2	1	1		4D4H2M150N5	S		S		Balizagem Luminosa
302/302	DLA8	0 0 0 0	129852.0	5.7	558.7	-10612.4	69979.4	128.1	0	AD	A	A					2	2	1	1		4D4H2M150N5	S		S		Balizagem Luminosa Reforçado cf. A.12
303/303	DLR6	0 0 0 0	130410.7	0.0	578.3	-11045.2	70332.7	165.5	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
304/304	DLR6	0 0 0 0	130988.9	0.0	500.4	-11493.2	70698.4	164.3	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
305/305	DLA8	0 0 0 0	131489.3	18.8	567.4	-11880.8	71014.8	154.1	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
306/306	DLA5	0 0 0 0	132056.7	9.8	505.0	-12197.1	71485.8	113.8	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
307/307	DLR6	0 0 0 0	132561.7	0.0	472.7	-12411.3	71943.2	150.3	0	SD	A	A					2	2	1	1		4D4K2M105L5					
308/308	ELS8	0 0 0 0	133034.4	0.0	708.6	-12611.8	72371.3	206.6	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
309/309	DLR7	0 0 0 0	133743.1	0.0	797.2	-12912.4	73013.0	223.1	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				
310/310	DLR4	0 0 0 0	134540.2	0.0	376.7	-13250.5	73734.9	221.1	0	SD	A	A					2	2	1	1		4D4K2M105L5					
311/311	DLA5	0 0 0 0	134917.0	2.9	422.4	-13410.3	74076.1	256.5	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
312/312	DLR6	0 0 0 0	135339.3	0.0	473.9	-13571.7	74466.4	268.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					
313/313	ELS8	0 0 0 0	135813.2	0.0	593.2	-13752.7	74904.3	262.2	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
314/314	ELS8	0 0 0 0	136406.5	0.0	435.4	-13979.4	75452.5	273.7	0	SD	A	A					2	2	1	1		4D4K2M105L5					
315/315	DLR4	0 0 0 0	136841.9	0.0	400.4	-14145.8	75855.0	303.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					
316/316	DLR6	0 0 0 0	137242.4	0.0	552.4	-14298.8	76225.0	266.1	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
317/317	DLR4	0 0 0 0	137794.8	0.0	457.8	-14509.9	76735.5	197.4	0	SD	S	S					2	2	1	1		4D4K2M105L5					
318/318	DLR2	0 0 0 0	138252.6	0.0	239.1	-14684.8	77158.6	185.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					
319/319	DLS2	0 0 0 0	138491.7	0.0	227.7	-14776.2	77379.6	205.6	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
320/320	DLS2	0 0 0 0	138719.4	0.0	269.3	-14863.2	77590.0	218.9	0	SD	A	A					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
321/321	DLS2	0 0 0 0	138988.8	0.0	277.4	-14966.1	77838.9	227.8	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
322/322	DLS4	0 0 0 0	139266.1	0.0	281.1	-15072.1	78095.2	214.5	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12

Linha Abrantes - Paraimo / Abrantes - Bodiosa		CC1	CC2	CG1	CG2	Data: 14/07/2025									
400 kV 3 2		ZAMBEZE	ZAMBEZE	DORKING	OPGW	Revisão: 0									

Apoio de Projeto			Distância à origem	Ângulo	Vão Posterior	Coordenadas (m)			Adaptação	Fixação			Amortecedores			Contrapesos por Fase [N]	Linha Simples - 1	Linhas Dupla - 2	QT CC	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esferas	Sinalização Avifauna (Espacamento [m])	Pintura de Apoio	Sinalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO												
323/323	DLS4	0 0 0 0	139547.2	0.0	388.6	-15179.4	78355.0	218.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
324/324	DLR3	0 0 0 0	139935.8	0.0	274.6	-15327.9	78714.1	218.4	0	AD	A	A					2	2	1	1		4D4H2M150N5					
325/325	DLS1	0 0 0 0	140210.4	0.0	238.6	-15432.8	78967.9	274.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
326/326	DLS1	0 0 0 0	140449.0	0.0	451.1	-15524.0	79188.4	285.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
327/327	DLS6	0 0 0 0	140900.1	0.0	266.1	-15696.4	79605.2	308.3	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
328/328	DLA4	0 0 0 0	141166.1	-18.6	348.3	-15798.0	79851.1	336.1	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
329/329	DLS3	0 0 0 0	141514.5	0.0	440.1	-16018.2	80121.0	299.2	0	SD	S	S					2	2	1	1		4D4K2M105L5					Reforçado cf. A.12
330/330	DLR2	0 0 0 0	141954.6	0.0	459.1	-16296.3	80462.1	266.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					
331/331	DLA4	0 0 0 0	142413.7	12.1	286.8	-16586.5	80817.9	277.7	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
332/332	DLR2	0 0 0 0	142700.4	0.0	307.5	-16722.3	81070.4	250.0	0	SD	S	S					2	2	1	1		4D4K2M105L5					
333/333	DLS3	0 0 0 0	143007.9	0.0	523.0	-16867.9	81341.2	239.0	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				Reforçado cf. A.12
334/334	DLR4	0 0 0 0	143530.9	0.0	308.9	-17115.7	81801.9	306.6	0	SD	A	A					2	2	1	1		4D4K2M105L5					
335/335	DLR5	0 0 0 0	143839.8	0.0	734.6	-17262.0	82073.9	280.2	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
336/336	DLT8	0 0 0 0	144574.5	39.4	576.0	-17609.9	82720.9	218.4	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				
337/337	DLA5	0 0 0 0	145150.5	14.7	521.8	-17538.0	83292.4	228.8	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Reforçado cf. A.12
338/338	DLR6	0 0 0 0	145672.3	0.0	390.9	-17356.3	83781.6	284.0	0	SD	A	A					2	2	1	1		4D4K2M105L5					
339/339	DLA5	0 0 0 0	146063.2	24.5	356.6	-17220.2	84148.0	274.0	0	AD	A	A					2	2	1	1		4D4H2M150N5					Reforçado cf. A.12
340/340	DLR4	0 0 0 0	146419.8	0.0	600.2	-16979.7	84411.4	291.3	0	SD	A	A					2	2	1	1		4D4K2M105L5	S				
341/341	ELS4	0 0 0 0	147020.0	0.0	495.4	-16575.1	84854.7	296.0	0	SD	A	A					2	2	1	1		4D4K2M105L5					
342/342	ELA6	0 0 0 0	147515.4	-25.9	438.4	-16241.0	85220.5	361.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					
343/343	DLT3	0 0 0 0	147953.8	-17.1	178.7	-16097.9	85634.9	424.2	0	AD	A	A					2	2	1	1		4D4H2M150N5					
344/344	ELT4	0 0 0 0	148132.5	-24.8	106.4	-16086.6	85813.2	421.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					
345/345	ELT8	0 0 0 0	148238.9	-101.5	473.8	-16120.7	85914.0	401.4	0	AD	A	A					2	2	1	1		4D4H2M150N5					
Linha Abrantes - Paraimo / Bodiosa - Paraimo 1																											
346/114	ELT6	0 0 0 0	148662.4	1.2	601.9	-16518.6	85768.9	390.3	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Linha Abrantes - Paraimo / Linha Bodiosa - Paraimo
347/115	DLA4	0 0 0 0	149264.4	35.4	280.3	-17087.8	85573.3	361.9	0	AD	A	A					2	2	1	1		4D4H2M150N5					Linha Abrantes - Paraimo / Linha Bodiosa - Paraimo
348/116	DLR6	0 0 0 0	149544.7	0.0	0.0	-17361.1	85635.9	292.4	0	AD	A	A					2	2	1	1		4D4H2M150N5					Linha Abrantes - Paraimo / Linha Bodiosa - Paraimo
Linha Abrantes - Bodiosa / Bodiosa - Paraimo 1																											
346/111	ELT4	0 0 0 0	150118.5	25.5	702.3	-15663.1	86036.5	409.7	0	AD	A	A					2	2	1	1		4D4H2M150N5	S				Linha Abrantes - Bodiosa / Bodiosa - Paraimo
347/110	DLS4	0 0 0 0	150820.8	0.0	604.0	-14967.5	85939.4	309.7	0	SD	S	S					2	2	1	1		4D4K2M105L5	S				Linha Abrantes - Bodiosa / Bodiosa - Paraimo
348/109	DLS5	0 0 0 0	151424.8	0.0	158.4	-14369.3	85855.8	277.1	0	SD	S	S					2	2	1	1		4D4K2M105L5					Linha Abrantes - Bodiosa / Bodiosa - Paraimo
349/108	DLR2	0 0 0 0	151583.2	0.0	0.0	-14212.4	85833.9	262.8	0	AD	A	A					2	2	1	1		4D4H2M150N5					Linha Abrantes - Bodiosa / Bodiosa - Paraimo

Legenda:

	Apoio novo
	Apoio existente inalterado
	Modificação / Reforço no Apoio
	Alteração em relação à revisão anterior