

LNVC.VI Viana do Castelo - Vila Fria			CC1	CC2	CG1	CG2	Data: 06/10/2025									
150 kV	3	2	ZEBRA	ZEBRA	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 p/Fase	QT CG	QT FO	Cadeias Isoladores Cabos Condutores	Esferas	Signalização Avifauna (Espacamento [m])	Pintura de Apoio	Signalização Noturna	Observações
Nº	Tipo	Pernas	(m)	(grd)	(m)	M	P	Cota		CC	CG	FO	CC	CG	FO	[N]											
1	TCA2	0 0 0 0	0.0	0.0	159.0	-59499.2	227529.1	66.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					
2	CWA1	0 0 0 0	159.0	12.7	219.9	-59405.9	227657.9	135.9	0	AD	A	A					2	1	1	1		1U4H2M150N5					
3	CWA1	0 0 0 0	378.9	8.4	378.5	-59244.3	227806.9	162.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					
4	CWS2	0 0 0 0	757.4	0.0	407.9	-58934.7	228024.7	184.9	0	SD	S	S					2	1	1	1		1U4K2M150L5					
5	CWS3	0 0 0 0	1165.4	0.0	377.0	-58601.0	228259.3	205.8	0	SD	S	S					2	1	1	1		1U4K2M150L5					
6	CWS2	0 0 0 0	1542.3	0.0	407.9	-58292.6	228476.1	254.1	0	SD	S	S					2	1	1	1		1U4K2M150L5					
7	CWS3	0 0 0 0	1950.3	0.0	493.4	-57958.9	228710.8	263.6	0	SD	S	S					2	1	1	1		1U4K2M150L5					
8	CWR3	0 0 0 0	2443.6	0.0	353.5	-57555.3	228994.5	321.0	0	SD	S	S					2	1	1	1		1U4K2M150L5					
9	CWA1	0 0 0 0	2797.1	-21.7	431.8	-57266.1	229197.9	316.5	0	AD	A	A					2	1	1	1		1U4H2M150N5					
10	CWS2	0 0 0 0	3229.0	0.0	393.1	-57016.2	229550.0	316.6	0	SD	S	S					2	1	1	1		1U4K2M150L5					
11	CWS3	0 0 0 0	3622.1	0.0	351.3	-56788.7	229870.6	316.0	0	SD	S	S					2	1	1	1		1U4K2M150L5					
12	CWS1	0 0 0 0	3973.4	0.0	201.1	-56585.3	230157.1	346.5	0	SD	S	S					2	1	1	1		1U4K2M150L5					
13	CWS3	0 0 0 0	4174.5	0.0	295.9	-56469.0	230321.1	352.8	0	SD	S	S					2	1	1	1		1U4K2M150L5					
14	CWS2	0 0 0 0	4470.4	0.0	321.0	-56297.7	230562.4	344.5	0	SD	S	S				200	2	1	1	1		1U4K2M150L5					
15	CWS3	0 0 0 0	4791.4	0.0	274.8	-56111.9	230824.2	350.9	0	SD	S	S				200	2	1	1	1		1U4K2M150L5					
16	CWS3	0 0 0 0	5066.2	0.0	352.0	-55952.8	231048.3	384.5	0	SD	S	S					2	1	1	1		1U4K2M150L5					
17	CWS4	0 0 0 0	5418.2	0.0	363.6	-55749.1	231335.3	342.9	0	SD	S	S					2	1	1	1		1U4K2M150L5					
18	CWA3	0 0 0 0	5781.8	-18.1	544.4	-55538.7	231631.8	294.0	0	AD	A	A					2	1	1	1		1U4H2M150N5	S				
19	CWR2	0 0 0 0	6326.2	0.0	214.2	-55360.4	232146.2	307.6	0	SD	S	S					2	1	1	1		1U4K2M150L5					
20	CWS1	0 0 0 0	6540.3	0.0	454.8	-55290.3	232348.5	312.6	0	SD	S	S					2	1	1	1		1U4K2M150L5					
21	CWS2	0 0 0 0	6995.2	0.0	327.9	-55141.3	232778.3	307.1	0	SD	S	S					2	1	1	1		1U4K2M150L5					
22	CWS2	0 0 0 0	7323.1	0.0	492.1	-55033.9	233088.1	318.1	0	SD	S	S					2	1	1	1		1U4K2M150L5					
23	CWA3	0 0 0 0	7815.1	7.6	740.6	-54872.8	233553.0	331.0	0	AD	A	A					2	1	1	1		1U4H2M150N5	S				
24	CWR4	0 0 0 0	8555.7	0.0	596.4	-54548.2	234218.7	309.3	0	SD	S	S					2	1	1	1		1U4K2M150L5	S		S		
25	CWA2	0 0 0 0	9152.1	17.6	231.9	-54286.7	234754.7	224.2	0	AD	A	A					2	1	1	1		1U4H2M150N5			S		
26	CWA2	0 0 0 0	9384.0	27.4	336.0	-54132.0	234927.4	206.2	0	AD	A	A					2	1	1	1		1U4H2M150N5					
27	CWA3	0 0 0 0	9720.1	27.2	424.5	-53823.8	235061.3	197.6	0	AD	A	A					2	1	1	1		1U4H2M150N5					
28	CWT3	0 0 0 0	10144.5	39.0	498.3	-53399.3	235053.6	288.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					
29	CWA3	0 0 0 0	10642.8	24.5	339.7	-52996.8	234759.9	309.2	0	AD	A	A					2	1	1	1		1U4H2M150N5					
30	CWS4	0 0 0 0	10982.5	0.0	384.2	-52817.7	234471.3	315.4	0	SD	S	S					2	1	1	1		1U4K2M150L5					
31	CWS2	0 0 0 0	11366.7	0.0	343.2	-52615.1	234144.9	321.1	0	SD	S	S					2	1	1	1		1U4K2M150L5					
32	CWS2	0 0 0 0	11709.9	0.0	320.9	-52434.1	233853.3	322.5	0	SD	S	S					2	1	1	1		1U4K2M150L5					
33	CWS2	0 0 0 0	12030.8	0.0	310.1	-52264.9	233580.6	330.4	0	SD	S	S					2	1	1	1		1U4K2M150L5					
34	CWA3	0 0 0 0	12341.0	0.0	955.9	-52101.4	233317.1	344.8	0	AD	A	A					2	1	1	1		1U4H2M150N5	S				
35	CWA3	0 0 0 0	13296.9	-6.9	332.2	-51597.3	232504.8	310.2	0	AD	A	A					2	1	1	1		1U4H2M150N5					
36	CWR2	0 0 0 0	13629.1	0.0	585.4	-51392.4	232243.3	259.8	0	AD	A	A					2	1	1	1		1U4H2M150N5	S				
37	CWA2	0 0 0 0	14214.5	11.9	310.4	-51031.5	231782.4	226.2	0	AD	A	A					2	1	1	1		1U4H2M150N5					
38	CWA3	0 0 0 0	14524.9	15.5	721.1	-50888.9	231506.7	191.6	0	AD	A	A					2	1	1	1		1U4H2M150N5	S				
39	CWR3	0 0 0 0	15245.9	0.0	294.9	-50721.5	230805.4	174.1	0	SD	A	A					2	1	1	1		1U4K2M150L5					
40	CWR3	0 0 0 0	15540.8	0.0	763.6	-50653.0	230518.6	174.4	0	SD	A	A					2	1	1	1		1U4K2M150L5	S				
41	CWA2	0 0 0 0	16304.4	-13.3	571.1	-50475.7	229775.8	93.0	0	AD	A	A					2	1	1	1		1U4H2M150N5	S				
42	CWR3	0 0 0 0	16875.5	0.0	653.0	-50230.5	229260.0	54.5	0	SD	S	S					2	1	1	1		1U4K2M150L5	S				
43	CWA1	0 0 0 0	17528.5	1.9	253.7	-49950.2	228670.3	55.1	0	AD	A	A					2	1	1	1		1U4H2M150N5					
44	CWR2	0 0 0 0	17782.2	0.0	507.6	-49848.1	228438.0	49.9	0	SD	A	A					2	1	1	1		1U4K2M150L5	S		S		
45	CWR4	0 0 0 0	18289.8	8.3	225.2	-49643.8	227973.4	7.0	0	AD	A	A					2	1	1	1		1U4H2M150N5			S	S	
46	CWR4	0 0 0 0	18515.0	7.2	383.0	-49580.7	227757.2	6.7	0	AD	A	A					2	1	1	1		1U4H2M150N5					
47	CWR2	0 0 0 0	18898.0	-12.0	283.2	-49515.9	227379.7	5.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					

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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 p/Fase	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												
48	CWA1	0 0 0 0	19181.2	-23.8	402.4	-49416.6	227114.5	3.7	0	AD	A	A					2	1	1	1		1U4H2M150N5					
49	ELA9	0 0 0 0	19583.6	17.0	683.4	-49147.8	226815.0	4.0	0	AD	A	A					2	1	1	1		1U4H2M150N5	S	20			
50	ELA10	0 0 0 0	20266.9	5.8	314.3	-48842.2	226203.8	4.0	0	AD	A	A					2	1	1	1		1U4H2M150N5		20			
51	DLA7	0 0 0 0	20581.3	29.4	318.9	-48727.5	225911.1	10.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					
52	CWA2	0 0 0 0	20900.2	-17.2	238.3	-48755.7	225593.5	12.7	0	AD	A	A					2	1	1	1		1U4H2M150N5					
53	CWS3	0 0 0 0	21138.5	0.0	468.8	-48712.7	225359.1	12.4	0	SD	S	S					2	1	1	1		1U4K2M150L5					
54	CWA2	0 0 0 0	21607.3	-30.7	324.9	-48628.1	224898.0	37.9	0	AD	A	A					2	1	1	1		1U4H2M150N5					
55	CWA2	0 0 0 0	21932.2	25.7	150.0	-48427.8	224642.2	48.1	0	AD	A	A					2	1	1	1		1U4H2M150N5					
56	CWA1	0 0 0 0	22082.2	37.9	144.3	-48389.2	224497.2	52.3	0	AD	A	A					2	1	1	1		1U4H2M150N5					
57	CWA1	0 0 0 0	22226.5	34.9	251.3	-48436.7	224360.9	50.5	0	AD	A	A					2	1	1	1		1U4H2M150N5					
58	CWA1	0 0 0 0	22477.8	18.4	442.7	-48631.1	224201.6	49.9	0	AD	A	A					2	1	1	1		1U4H2M150N5					
59	CWR3	0 0 0 0	22920.5	0.0	239.1	-49039.1	224030.1	67.4	0	AD	A	A					2	1	1	1		1U4H2M150N5					
60	CWA3	0 0 0 0	23159.6	-26.5	317.9	-49259.5	223937.4	89.6	0	AD	A	A					2	1	1	1		1U4H2M150N5					
61	CWS2	0 0 0 0	23477.5	0.0	321.1	-49477.7	223706.2	117.9	0	SD	S	S					2	1	1	1		1U4K2M150L5					
62	CWR3	0 0 0 0	23798.5	0.0	577.0	-49698.0	223472.6	128.3	0	SD	A	A					2	1	1	1		1U4K2M150L5	S				
63	CWR2	0 0 0 0	24375.5	0.0	329.7	-50094.0	223053.0	123.0	0	SD	A	A					2	1	1	1		1U4K2M150L5					
64	CWA2	0 0 0 0	24705.2	20.5	543.9	-50320.3	222813.1	93.9	0	AD	A	A					2	1	1	1		1U4H2M150N5	S				
65	CWA1	0 0 0 0	25249.1	-21.3	173.3	-50799.6	222556.0	109.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					
66	CWA2	0 0 0 0	25422.4	-29.8	479.6	-50916.8	222428.4	118.4	0	AD	A	A					2	1	1	1		1U4H2M150N5					
67	CWA2	0 0 0 0	25902.0	17.1	424.8	-51047.4	221967.0	81.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					
68	CWR2	0 0 0 0	26326.7	-1.3	364.7	-51267.5	221603.7	62.1	0	AD	A	A					2	1	1	1		1U4H2M150N5					
69	CWA3	0 0 0 0	26691.4	-16.1	289.1	-51450.3	221288.1	52.7	0	AD	A	A					2	1	1	1		1U4H2M150N5					
70	CWR2	0 0 0 0	26980.5	-5.0	245.8	-51528.1	221009.7	54.7	0	AD	A	A					2	1	1	1		1U4H2M150N5					
71	CWT1	0 0 0 0	27226.3	32.2	50.4	-51575.4	220768.5	51.0	0	AD	A	A					2	1	1	1		1U4H2M150N5					
SVI	PAL1	0 0 0 0	27276.646	0.0	0.0	-51607.8	220730.0	49.0	0	AP	A	A					2	1	1	1		1U4H2M150P5					

Legenda:

Apoio novo

Apoio existente inalterado

Modificação no Apoio

Alteração em relação à revisão anterior