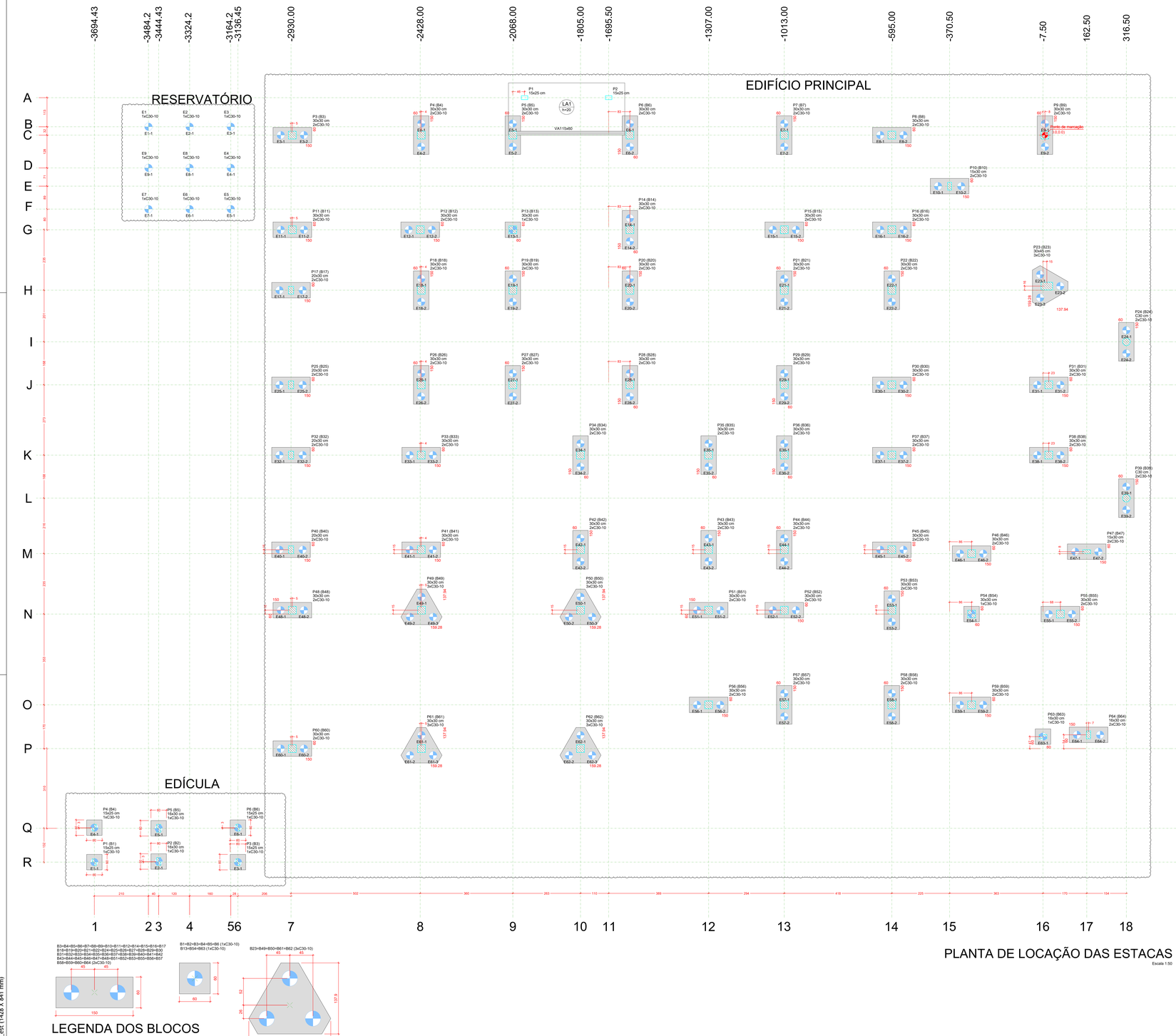

PLANTA DE LOCAÇÃO DAS ESTACAS

Escala 1:50

LEGENDA DOS BLOCOS

Escala 1:25

Pilar				Fundação					Bloco		
Nome	Seção (cm)	X (cm)	Y (cm)	Nome	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	Estaca	ca (cm)
P3	30x30	-2925.00	0.00	B3	150	60	50	55	2	C30-10	-95
P4	30x30	-2424.00	0.00	B4	150	60	50	55	2	C30-10	-95
P5	30x30	-2068.00	0.00	B5	150	60	50	55	2	C30-10	-95
P6	30x30	-1613.00	0.00	B6	150	60	50	55	2	C30-10	-95
P7	30x30	-1013.00	0.00	B7	150	60	50	55	2	C30-10	-95
P8	30x30	-595.00	0.00	B8	150	60	50	55	2	C30-10	-95
P9	30x30	0.00	0.00	B9	150	60	50	55	2	C30-10	-95
P10	15x30	-370.50	-198.50	B10	150	60	50	60	2	C30-10	-100
P11	30x30	-2925.00	-368.00	B11	150	60	50	55	2	C30-10	-95
P12	30x30	-2428.00	-368.00	B12	150	60	50	55	2	C30-10	-95
P13	30x30	-2068.00	-368.00	B13	150	60	50	55	2	C30-10	-95
P14	30x30	-1613.00	-368.00	B14	150	60	50	55	2	C30-10	-95
P15	30x30	-1013.00	-368.00	B15	150	60	50	55	2	C30-10	-95
P16	30x30	-595.00	-368.00	B16	150	60	50	55	2	C30-10	-95
P17	20x30	-2930.00	-603.00	B17	150	60	50	55	2	C30-10	-95
P18	30x30	-2424.00	-603.00	B18	150	60	50	55	2	C30-10	-95
P19	30x30	-2068.00	-603.00	B19	150	60	50	55	2	C30-10	-95
P20	30x30	-1613.00	-603.00	B20	150	60	50	55	2	C30-10	-95
P21	30x30	-1013.00	-603.00	B21	150	60	50	55	2	C30-10	-95
P22	30x30	-595.00	-603.00	B22	150	60	50	55	2	C30-10	-95
P23	30x45	7.50	-603.00	B23	150	138	65	55	2	C30-10	-105
P24	C30	316.50	-603.50	B24	150	60	50	60	2	C30-10	-100
P25	20x30	-2930.00	-971.00	B25	150	60	50	55	2	C30-10	-95
P26	30x30	-2424.00	-971.00	B26	150	60	50	55	2	C30-10	-95
P27	30x30	-2068.00	-971.00	B27	150	60	50	55	2	C30-10	-95
P28	30x30	-1613.00	-971.00	B28	150	60	50	55	2	C30-10	-95
P29	30x30	-1013.00	-971.00	B29	150	60	50	55	2	C30-10	-95
P30	30x30	-595.00	-971.00	B30	150	60	50	55	2	C30-10	-95
P31	30x30	15.00	-971.00	B31	150	60	50	55	2	C30-10	-95
P32	20x30	-2930.00	-1244.00	B32	150	60	50	55	2	C30-10	-95
P33	30x30	-2424.00	-1244.00	B33	150	60	50	55	2	C30-10	-95
P34	30x30	-1805.00	-1244.00	B34	150	60	50	55	2	C30-10	-95
P35	30x30	-1307.00	-1244.00	B35	150	60	50	55	2	C30-10	-95
P36	30x30	-1013.00	-1244.00	B36	150	60	50	55	2	C30-10	-95
P37	30x30	-595.00	-1244.00	B37	150	60	50	55	2	C30-10	-95
P38	30x30	15.00	-1244.00	B38	150	60	50	55	2	C30-10	-95
P39	C30	316.50	-1411.50	B39	150	60	50	60	2	C30-10	-100
P40	20x30	-2930.00	-1612.00	B40	150	60	50	55	2	C30-10	-95
P41	30x30	-2424.00	-1612.00	B41	150	60	50	55	2	C30-10	-95
P42	30x30	-1805.00	-1612.00	B42	150	60	50	55	2	C30-10	-95
P43	30x30	-1307.00	-1612.00	B43	150	60	50	55	2	C30-10	-95
P44	30x30	-1013.00	-1612.00	B44	150	60	50	55	2	C30-10	-95
P45	30x30	-595.00	-1612.00	B45	150	60	50	55	2	C30-10	-95
P46	30x30	15.00	-1627.00	B46	150	60	50	55	2	C30-10	-95
P47	15x30	162.50	-1619.50	B47	150	60	50	55	2	C30-10	-95
P48	30x30	-2925.00	-1862.00	B48	150	60	50	55	2	C30-10	-95
P49	30x30	-2423.00	-1795.04	B49	159	138	50	60	3	C30-10	-100
P50	30x30	-1805.00	-1872.98	B50	150	60	50	55	2	C30-10	-95
P51	30x30	-1307.00	-1847.00	B51	150	60	50	55	2	C30-10	-95
P52	30x30	-1013.00	-1847.00	B52	150	60	50	55	2	C30-10	-95
P53	30x30	-595.00	-1847.00	B53	150	60	50	55	2	C30-10	-95
P54	30x30	-285.00	-1862.00	B54	60	60	50	55	1	C30-10	-95
P55	30x30	60.00	-1862.00	B55	150	60	50	55	2	C30-10	-95
P56	30x30	-1307.00	-2215.00	B56	150	60	50	55	2	C30-10	-95
P57	30x30	-1013.00	-2215.00	B57	150	60	50	55	2	C30-10	-95
P58	30x30	-595.00	-2215.00	B58	150	60	50	55	2	C30-10	-95
P59	30x30	-285.00	-2215.00	B59	150	60	50	55	2	C30-10	-95
P60	30x30	-2925.00	-2385.00	B60	150	60	50	55	2	C30-10	-95
P61	30x30	-2423.00	-2385.00	B61	159	138	50	60	3	C30-10	-100
P62	30x30	-1805.00	-2385.00	B62	159	138	50	60	3	C30-10	-100
P63	16x30	-7.50	-2338.50	B63	60	60	50	55	1	C30-10	-95
P64	16x30	189.50	-2331.50	B64	150	60	50	60	2	C30-10	-100

Estacas			
Simbologia	Nome	d (cm)	Quantidade
	C30-10	30.00	141

Pilar nascendo			
Nome	Seção (cm)	X (cm)	Y (cm)
P1	15x25	-2022.50	145.50
P2	15x25	-1695.50	145.50

LOCAÇÃO DAS ESTACAS

Bloco	Nome	Tipo	Coordenada X (cm)	Coordenada Y (cm)	Carga máx. kN	Carga mín. kN	Momento máx. kN.m	Momento mín. kN.m	Força horiz. máx. kN	Força horiz. mín. kN	CA (cm)
B3	E3-1	C30-10	-2970.00	0.00	90.69	72.53	2.65	0.77	0.75	0.18	-95
E3-2			-2880.00	0.00	114.87	99.16	2.65	0.77	0.75	0.18	
B4	E4-1	C30-10	-2424.00	45.00	117.01	98.50	3.16	2.18	0.93	0.23	-95
E4-2			-2424.00	-45.00	123.08	107.00	3.16	2.18	0.93	0.23	
B5	E5-1	C30-10	-2068.00	45.00	102.43	91.47	1.41	0.45	0.71	0.09	-95
E5-2			-2068.00	-45.00	108.71	100.33	1.41	0.45	0.71	0.09	
B6	E6-1	C30-10	-1613.00	45.00	142.68	128.77	2.55	1.43	0.62	0.08	-95
E6-2			-1613.00	-45.00	140.36	126.90	2.55	1.43	0.62	0.08	
B7	E7-1	C30-10	-1013.00	45.00	123.97	112.62	4.14	3.05	1.00	0.26	-95
E7-2			-1013.00	-45.00	133.81	124.65	4.14	3.05	1.00	0.26	
B8	E8-1	C30-10	-640.00	0.00	103.38	95.96	4.44	2.64	0.99	0.07	-95
E8-2			-550.00	0.00	114.35	106.75	4.44	2.64	0.99	0.07	
B9	E9-1	C30-10	0.00	45.00	87.95	80.28	4.42	3.11	0.88	0.25	-95
E9-2			0.00	-45.00	100.41	94.61	4.42	3.11	0.88	0.25	
B10	E10-1	C30-10	-415.50	-198.50	84.29	77.78	0.73	0.04	0.64	0.01	-100
E10-2			-325.50	-198.50	83.25	76.34	0.73	0.04	0.64	0.01	
B11	E11-1	C30-10	-2970.00	-368.00	80.62	61.80	1.44	0.13	0.67	0.14	-95
E11-2			-2880.00	-368.00	103.25	87.30	1.44	0.13	0.67	0.14	
B12	E12-1	C30-10	-2473.00	-368.00	102.51	87.08	2.28	0.42	0.98	0.16	-95
E12-2			-2363.00	-368.00	92.05	75.17	2.28	0.42	0.98	0.16	
B13	E13-1	C30-10	-2068.00	-368.00	133.52	125.73	4.50	1.58	1.51	0.11	-95
B14	E14-1	C30-10	-1613.00	-323.00	102.82	91.55	2.43	1.35	0.48	0.16	-95
E14-2			-1613.00	-413.00	103.64	92.85	2.43	1.35	0.48	0.16	
B15	E15-1	C30-10	-1058.00	-368.00	105.38	96.79	2.63	0.83	1.07	0.19	-95
E15-2			-968.00	-368.00	93.63	85.09	2.63	0.83	1.07	0.19	
B16	E16-1	C30-10	-640.00	-368.00	60.22	55.41	4.18	2.37	1.13	0.15	-95
E16-2			-550.00	-368.00	54.61	48.81	4.18	2.37	1.13	0.15	
B17	E17-1	C30-10	-2975.00	-603.00	80.30	64.43	1.02	0.03	0.80	0.04	-95
E17-2			-2885.00	-603.00	93.02	78.35	1.02	0.03	0.80	0.04	
B18	E18-1	C30-10	-2424.00	-558.00	103.64	81.73	3.20	2.18	0.94	0.07	-95
E18-2			-2424.00	-648.00	114.95	94.54	3.20	2.18	0.94	0.07	
B19	E19-1	C30-10	-2068.00	-558.00	106.07	89.97	1.04	0.05	0.78	0.06	-95
E19-2			-2068.00	-648.00	102.75	85.93	1.04	0.05	0.78	0.06	
B20	E20-1	C30-10	-1613.00	-558.00	120.10	99.26	3.95	2.83	1.11	0.38	-95
E20-2			-1613.00	-648.00	119.65	97.23	3.95	2.83	1.11	0.38	
B21	E21-1	C30-10	-1013.00	-558.00	134.19	112.31	2.21	1.10	0.66	0.28	-95
E21-2			-1013.00	-648.00	122.09	102.61	2.21	1.10	0.66	0.28	
B22	E22-1	C30-10	-595.00	-558.00	113.62	102.96	2.15	1.06	0.77	0.20	-95
E22-2			-595.00	-648.00	119.30	108.55	2.15	1.06	0.77	0.20	
B23	E23-1	C30-10	-18.48	-542.00	117.43	108.50	0.00	0.00	0.56	0.17	-105
E23-2			-18.48	-652.00	117.04	108.42	0.00	0.00	0.56	0.17	
B24	E24-1	C30-10	316.50	-558.50	64.54	56.64	1.52	0.62	0.58	0.10	-100
E24-2			316.50	-648.50	76.85	69.98	1.52	0.62	0.58	0.10	
B25	E25-1	C30-10	-2975.00	-971.00	98.16	76.82	0.89	0.08	1.08	0.21	-95
E25-2			-2885.00	-971.00	116.46	98.47	0.89	0.08	1.08	0.21	
B26	E26-1	C30-10	-2424.00	-926.00	129.71	107.45	4.34	3.28	0.82	0.24	-95
E26-2			-2424.00	-1016.00	121.26	96.53	4.34	3.28	0.82	0.24	
B27	E27-1	C30-10	-2068.00	-926.00	78.02	65.55	2.00	1.08	0.65	0.15	-95
E27-2			-2068.00	-1016.00	80.01	68.04	2.00	1.08	0.65	0.15	
B28	E28-1	C30-10	-1613.00	-926.00	105.58	86.79	4.13	3.03	0.81	0.22	-95
E28-2			-1613.00	-1016.00	107.43	89.77	4.13	3.03	0.81	0.22	
B29	E29-1	C30-10	-1013.00	-926.00	103.64	87.90	2.53	1.48	0.64	0.23	-95
E29-2			-1013.00	-1016.00	114.98	98.94	2.53	1.48	0.64	0.23	
B30	E30-1	C30-10	-640.00	-971.00	105.09	94.32	2.11	0.73	0.79	0.21	-95
E30-2			-550.00	-971.00	96.68	86.08	2.11	0.73	0.79	0.21	
B31	E31-1	C30-10	-30.00	-971.00	88.83	81.91	1.91	1.06	0.69	0.12	-95
E31-2			60.00	-971.00	77.39	70.82	1.91	1.06	0.69	0.12	
B32	E32-1	C30-10	-2975.00	-1244.00	85.14	68.87	0.78	0.01	1.01	0.17	-95
E32-2			-2885.00	-1244.00	105.21	90.10	0.78	0.01	1.01	0.17	
B33	E33-1	C30-10	-2469.00	-1244.00	145.08	121.09	1.54	0.01	0.93	0.20	-95
E33-2			-2379.00	-1244.00	140.21	115.50	1.54	0.01	0.93	0.20	
B34	E34-1	C30-10	-1805.00	-1199.00	124.29	105.31	1.63	0.47	0.55	0.07	-95
E34-2			-1805.00	-1289.00	119.81	100.99	1.63	0.47	0.55	0.07	
B35	E35-1	C30-10	-1307.00	-1199.00	81.42	67.64	3.26	2.34	0.51	0.08	-95
E35-2			-1307.00	-1289.00	78.52	65.32	3.26	2.34	0.51	0.08	
B36	E36-1	C30-10	-1013.00	-1199.00	84.30	72.55	3.16	2.26	0.70	0.07	-95
E36-2			-1013.00	-1289.00	79.16	70.89	3.16	2.26	0.70	0.07	
B37	E37-1	C30-10	-640.00	-1244.00	113.57	102.41	2.36	0.93	0.77	0.26	-95
E37-2			-550.00	-1244.00	104.57	93.20	2.36	0.93	0.77	0.26	
B38	E38-1	C30-10	-30.00	-1244.00	113.25	104.42	3.26	2.22	0.86	0.07	-95
E38-2			60.00	-1244.00	98.16	91.21	3.26	2.22	0.86	0.07	
B39	E39-1	C30-10	316.50	-1366.50	71.48	64.38	1.96	1.01	0.56	0.09	-100
E39-2			316.50	-1456.50	67.47	59.27	1.96	1.01	0.56	0.09	
B40	E40-1	C30-10	-2975.00	-1612.00	75.77	61.16	1.18	0.15	0.77	0.03	-95
E40-2			-2885.00	-1612.00	89.08	75.40	1.18	0.15	0.77	0.03	
B41	E41-1	C30-10	-2469.00	-1612.00	133.43	106.20	1.02	0.01	0.88	0.22	-95
E41-2			-2379.00	-1612.00	137.10	110.07	1.02	0.01	0.88	0.22	
B42	E42-1	C30-10	-1805.00	-1567.00	135.89	106.38	1.57	0.36	0.67	0.07	-95
E42-2			-1805.00	-1657.00	137.27	109.03	1.57	0.36	0.67	0.07	
B43	E43-1	C30-10	-1307.00	-1567.00	85.08	65.06	3.25	2.30	0.58	0.12	-95
E43-2			-1307.00	-1657.00	85.87	66.12	3.25	2.30	0.58	0.12	
B44	E44-1	C30-10	-1013.00	-1567.00	96.84	83.14	4.01	3.04	0.76	0.18	-95
E44-2			-1013.00	-1657.00	101.68	84.56	4.01	3.04	0.76	0.18	
B45	E45-1	C30-10	-640.00	-1612.00	92.24	84.27	3.26	1.40	0.80	0.12	-95
E45-2			-550.00	-1612.00	76.60	68.87	3.26	1.40	0.80	0.12	
B46	E46-1	C30-10	-330.00	-1627.00	64.51	57.43	0.93	0.09	0.81	0.12	-95
E46-2			-240.00	-1627.00	81.27	74.39	0.93	0.09	0.81	0.12	
B47	E47-1	C30-10	117.50	-1619.50	82.39	79.17	0.90	0.24	0.75	0.16	-95
E47-2			207.50	-1619.50	65.43	60.87	0.90	0.24	0.75	0.16	
B48	E48-1	C30-10	-2970.00	-1847.00	105.58	79.22	2.61	1.17	0.83	0.09	-95
E48-2			-2880.00	-1847.00	131.76	110.22	2.61	1.17	0.83	0.09	
B49	E49-1	C30-10	-2423.00	-1795.04	119.72	99.00	0.00	0.00	0.60	0.23	-100
E49-2			-2468.00	-1872.98	114.03	94.17	0.00	0.00	0.60	0.23	
E49-3			-2378.00	-1872.98	114.63	94.02	0.00	0.00	0.60	0.23	
B50	E50-1	C30-10	-1805.00	-1795.04	86.03	79.88	0.00	0.00	0.66	0.06	-100
E50-2			-1850.00	-1872.98	112.22	99.16	0.00	0.00	0.66	0.06	
E50-3			-1760.00	-1872.98	110.45	97.40	0.00	0.00	0.66	0.06	
B51	E51-1	C30-10	-1352.00	-1847.00	87.39	76.04	1.84	0.07	1.19	0.05	-95
E51-2			-1352.00	-1847.00	77.53	66.58	1.84	0.07	1.19	0.05	
B52	E52-1	C30-10	-1058.00	-1847.00	73.55	64.84	1.87	0.11	1.01	0.14	-95
E52-2			-968.00	-1847.00	83.48	74.51	1.87	0.11	1.01	0.14	
B53	E53-1	C30-10	-595.00	-1862.00	95.29	85.04	1.10	0.03	0.74	0.14	-95
E53-2			-595.00	-1862.00	86.80	78.20	1.10	0.03	0.74	0.14	
B54	E54-1	C30-10	-285.00	-1862.00	140.47	130.29	4.01	2.28	1.70	0.14	-95
B55	E55-1	C30-10	15.00	-1862.00	82.87	82.87	2.38	0.69	0.78	0.17	-95
E55-2			105.00	-1862.00	113.47	107.42	2.38	0.69	0.78	0.17	
B56	E56-1	C30-10	-1352.00	-2215.00	120.17	111.19	2.70	0.87	1.18	0.28	-95
E56-2			-1262.00	-2215.00	99.80	91.70	2.70	0.87	1.18	0.28	
B57	E57-1	C30-10	-1013.00	-2170.00	88.09	82.94	2.75	1.79	0.91	0.05	-95
E57-2			-1013.00	-2260.00	81.68	73.68	2.75	1.79	0.91	0.05	
B58	E58-1	C30-10	-595.00	-2170.00	103.68	97.38	1.56	0.54	0.86	0.18	-95
E58-2			-595.00	-2260.00	107.46	97.35	1.56	0.54	0.86	0.18	
B59	E59-1	C30-10	-285.00	-2215.00	86.10	80.93	3.08	1.18	0.77	0.15	-95
E59-2			-285.00	-2215.00	86.10	80.93	3.08	1.18	0.77	0.15	
B60	E60-1	C30-10	-2975.00	-2385.00	105.62	82.76	3.00	2.95	0.84	0.11	-95
E60-2			-2885.00	-2385.00	131.31	111.95	5.00	2.80	0.84	0.11	
B61	E61-1	C30-10	-2423.00	-2353.04	120.46	103.16	0.00	0.00	0.63	0.19	-100
E61-2			-2468.00	-2410.98	122.15	105.13	0.00	0.00	0.63	0.19	
E61-3			-2378.00	-2410.98	127.47	109.42	0.00	0.00	0.63	0.19	
B62	E62-1	C30-10	-1805.00	-2353.04	117.94	111.15	0.00	0.00	0.59	0.11	-100
E62-2			-1850.00	-2410.98	106.22	98.16	0.00	0.00	0.59	0.11	
E62-3			-1760.00	-2410.98	74.38	65.97	0.00	0.00	0.59	0.11	
B63	E63-1	C30-10	-7.50	-2338.50	81.31	77.01	2.86	1.80	1.11	0.04	-95
B64	E64-1	C30-10	124.50	-2331.50	43.30	42.48	4.36	3.15	0.70	0.12	-100
	E64-2		214.50	-2331.50	43.36	40.71	4.36	3.15	0.70	0.12	

LOCAÇÃO DAS ESTACAS

Bloco	Nome	Tipo	Coordenada X (cm)	Coordenada Y (cm)	Carga máx. kN	Carga mín. kN	Momento máx. kN.m	Momento mín. kN.m	Força horiz. máx. kN	Força horiz. mín. kN	CA (cm)
E1	E1-1	C30-10	-3484.2	32.4	62.9	55.9	0.0	0.0	0.3	0.1	0
E2	E2-1	C30-10	-3324.2	32.4	145.2	122.7	0.0	0.0	0.2	0.0	0
E3	E3-1	C30-10	-3164.2	32.4	80.3	69.8	0.0	0.0	0.2	0.1	0
E4	E4-1	C30-10	-3164.2	-127.6	145.2	122.7	0.0	0.0	0.2	0.0	0
E5	E5-1	C30-10	-3164.2	-287.6	62.9	55.9	0.0	0.0	0.3	0.1	0
E6	E6-1	C30-10	-3324.2	-287.6	126.0	107.4	0.0	0.0	0.3	0.0	0
E7	E7-1	C30-10	-3484.2	-287.6	50.5	46.1	0.0	0.0	0.2	0.1	0
E8	E8-1	C30-10	-3324.2	-127.6	144.4	124.1	0.0	0.0	0.2	0.0	0
E9	E9-1	C30-10	-3484.2	-127.6	126.0	107.4	0.0	0.0	0.3	0.0	0

Pilar				Fundação					Bloco		
Nome	Seção (cm)	X (cm)	Y (cm)	Nome	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	Estaca	ca (cm)
E1	-	-3484.2	32.4	E1	-	-	-	-	1	C30-10	0
E2	-	-3324.2	32.4	E2	-	-	-	-	1	C30-10	0
E3	-	-3164.2	32.4	E3	-	-	-	-	1	C30-10	0
E4	-	-3164.2	-127.6	E4	-	-	-	-	1	C30-10	0
E5	-	-3164.2	-287.6	E5	-	-	-	-	1	C30-10	0
E6	-	-3324.2	-287.6	E6	-	-	-	-	1	C30-10	0
E7	-	-3484.2	-287.6	E7	-	-	-	-	1	C30-10	0
E8	-	-3324.2	-127.6	E8	-	-	-	-	1	C30-10	0
E9	-	-3484.2	-127.6	E9	-	-	-	-	1	C30-10	0

LOCAÇÃO DAS ESTACAS

Bloco	Nome	Tipo	Coordenada X (cm)	Coordenada Y (cm)	Carga máx. kN	Carga mín. kN	Momento máx. kN.m	Momento mín. kN.m	Força horiz. máx. kN	Força horiz. mín. kN	CA (cm)
B1	E1-1	C30-10	-3694.43	-2626.46	27.09	22.99	1.78	1.29	3.13	2.62	-90
B2	E2-1	C30-10	-3444.43	-2623.96	55.42	50.72	1.53	0.62	2.12	1.26	-90
B3	E3-1	C30-10	-3136.45	-2626.45	26.18	22.02	2.27	1.99	4.38	4.05	-90
B4	E4-1	C30-10	-3694.43	-2692.46	27.40	23.30	2.82	2.49	5.31	5.01	-90
B5	E5-1	C30-10	-3444.43	-2694.96	52.39	47.69	1.84	1.15	2.94	2.31	-90
B6	E6-1	C30-10	-3136.43	-2692.46	31.68	27.51	3.93	3.67	7.88	7.66	-90

Pilar				Fundação					Bloco		
Nome	Seção (cm)	X (cm)	Y (cm)	Nome	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	Estaca	ca (cm)
P1	15x25	-3694.43	-2626.46	B1	60	60	50	55	1	C30-10	-90
P2	16x30	-3444.43	-2623.96	B2	60	60	50	55	1	C30-10	-90
P3	15x25	-3136.45	-2626.45	B3	60	60	50	55	1	C30-10	-90
P4	15x25	-3694.43	-2692.46	B4	60	60	50	55	1	C30-10	-90
P5	16x30	-3444.43	-2694.96	B5	60	60	50	55	1	C30-10	-90
P6	15x25	-3136.43	-2692.46	B6	60	60	50	55	1	C30-10	-90

NOTAS GERAIS

1. DIMENSÕES EM CENTÍMETRO, BITOLAS EM MILÍMETRO, EXCETO ONTE INDICADO DE OUTRA FORMA. AS COTAS DE IMPLANTAÇÃO DA OBRA BDK COMO AS COTAS E OS NÍVEIS DAS FORMAS DEVERÃO SER VERIFICADOS E ACEITOS PELO RESPONSÁVEL TÉCNICO DA OBRA ANTES DA EXECUÇÃO;
2. ACO CA-50
   CONCRETO DA ESPECIFICAÇÃO: C35 (fck = 35 MPa)
   RELAÇÃO ÁGUA/CIMENTO = 0,60
   DIÂMETRO MAXIMO DO AGREGADO GRAÚDO: 19 mm;
3. VERIFICAR ARMADURAS DE ARRANQUE
4. COBRIMENTO MÍNIMO:
   LAJES: 2,5 cm;
   RUSER: 4,0cm
   PILARES EM CONTATO COM SOLO: 4,5cm
5. AS BARRAS DE ACO DEVERÃO SER CONVENIENTEMENTE LIMPAS DE QUALQUER SUBSTÂNCIA PREJUDICIAL A