



Planta de locação
Escala 1:50

Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (kg)	Carga Min. (kg)	Piso				Fundação			
						Mx Máximo (kgf.m)	Mx Mínimo (kgf.m)	Fx Máximo (tf)	Fx Mínimo (tf)	Lado B (m)	Lado H (m)	h1 (cm)	h2 (cm)
P1	18x30	1298.00	6249.04	34.0	20.0	-200	-400	0.0	0.0	1.0	1.0	150	150
P2	17x35	1389.00	6249.50	36.8	20.0	-200	-300	0.0	0.0	1.0	1.0	150	150
P3	17x35	1412.98	6249.54	49.0	30.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P4	17x35	14812.98	6249.50	52.2	41.0	200	-300	0.0	0.0	1.0	1.0	150	150
P5	18x30	1526.50	6250.54	15.0	12.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P6	18x40	13289.50	5968.54	49.2	37.2	800	-600	0.0	0.0	1.0	1.0	150	150
P7	18x40	13817.50	5975.54	56.0	44.0	800	-1100	0.0	0.0	1.0	1.0	150	150
P8	20x45	14190.45	5980.54	70.8	54.9	1100	-1500	0.0	0.0	1.0	1.0	150	150
P9	20x45	14695.45	5975.54	65.9	51.7	1300	-1300	0.0	0.0	1.0	1.0	150	150
P10	18x30	1527.50	6276.54	22.5	16.3	-200	-200	0.0	0.0	1.0	1.0	150	150
P11	18x40	13289.50	5678.04	44.4	34.3	800	-600	0.0	0.0	1.0	1.0	150	150
P12	18x40	13845.45	5672.04	48.4	37.3	800	-700	0.0	0.0	1.0	1.0	150	150
P13	18x30	14185.45	5672.00	56.0	43.6	200	-200	0.0	0.0	1.0	1.0	150	150
P14	18x30	1527.50	6253.54	15.0	12.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P15	20x40	14800.50	5608.00	71.4	55.9	800	-1200	0.0	0.0	1.0	1.0	150	150
P16	17x35	15012.75	5609.50	30.7	23.9	200	-200	0.0	0.0	1.0	1.0	150	150
P17	17x35	13289.50	5383.04	33.0	22.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P18	18x40	14184.45	5406.13	53.8	42.5	800	-1100	0.0	0.0	1.0	1.0	150	150
P19	20x35	14802.45	5380.50	46.4	37.3	800	-200	0.0	0.0	1.0	1.0	150	150
P20	18x30	1527.50	6380.50	23.6	19.4	300	-300	0.0	0.0	1.0	1.0	150	150
P21	30x30	13233.00	6375.54	14.0	8.9	-200	-200	0.0	0.0	1.0	1.0	150	150
P22	18x40	13289.50	5183.00	52.8	39.9	800	-600	0.0	0.0	1.0	1.0	150	150
P23	18x40	13845.45	5183.00	56.8	43.9	800	-600	0.0	0.0	1.0	1.0	150	150
P24	20x35	14193.45	5117.50	57.9	46.4	500	-500	0.0	0.0	1.0	1.0	150	150
P25	25x35	14918.00	5120.54	72.1	59.4	800	-200	0.0	0.0	1.0	1.0	150	150
P26	18x40	1526.50	5178.50	28.8	20.0	-200	-300	0.0	0.0	1.0	1.0	150	150
P27	17x30	15273.00	4945.50	21.8	18.6	400	-500	0.0	0.0	1.0	1.0	150	150
P28	18x40	13289.50	4778.54	35.0	43.6	800	-700	0.0	0.0	1.0	1.0	150	150
P29	18x30	13837.50	4765.54	64.3	47.6	200	-300	0.0	0.0	1.0	1.0	150	150
P30	18x40	14184.45	4778.54	68.0	51.7	800	-1000	0.0	0.0	1.0	1.0	150	150
P31	18x30	14495.45	4767.04	30.2	24.4	100	-100	0.0	0.0	1.0	1.0	150	150
P32	18x30	14795.45	4775.50	56.8	47.6	700	-400	0.0	0.0	1.0	1.0	150	150
P33	18x30	15265.45	4765.54	24.4	20.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P34	18x40	13289.50	4483.04	33.8	23.5	800	-700	0.0	0.0	1.0	1.0	150	150
P35	18x30	14495.45	4488.00	33.0	22.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P36	18x40	13836.45	4518.04	36.9	27.5	700	-800	0.0	0.0	1.0	1.0	150	150
P37	18x30	14624.91	4505.54	20.1	16.6	-200	-200	0.0	0.0	1.0	1.0	150	150
P38	17x35	14282.98	4504.54	19.8	14.3	-200	-100	0.0	0.0	1.0	1.0	150	150
P39	17x30	13497.98	4490.50	39.4	28.7	300	-400	0.0	0.0	1.0	1.0	150	150
P40	18x30	15402.45	4488.00	33.0	22.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P41	17x35	13875.98	4251.04	29.7	23.0	0	400	0.0	0.0	1.0	1.0	150	150
P42	18x30	14282.98	4244.54	18.0	13.0	-200	-200	0.0	0.0	1.0	1.0	150	150
P43	18x30	13287.50	4190.54	14.2	8.6	400	-200	0.0	0.0	1.0	1.0	150	150
P44	18x30	13845.45	4190.54	16.7	9.7	400	-400	0.0	0.0	1.0	1.0	150	150
P45	18x30	13933.75	4037.04	13.2	11.6	100	-200	0.0	0.0	1.0	1.0	150	150
P46	18x30	14282.98	4034.54	10.0	7.5	200	-200	0.0	0.0	1.0	1.0	150	150
P47	17x35	13492.00	3930.54	6.7	6.5	400	-300	0.0	0.0	1.0	1.0	150	150
P48	17x35	13799.00	3930.54	9.5	7.0	500	-500	0.0	0.0	1.0	1.0	150	150
P49	18x30	13845.45	3885.54	3.4	0.8	100	-100	0.0	0.0	1.0	1.0	150	150
P50	18x30	12980.45	3885.54	5.4	3.2	100	-200	0.0	0.0	1.0	1.0	150	150
P51	18x30	13300.00	3885.54	4.8	4.4	100	-200	0.0	0.0	1.0	1.0	150	150
P52	18x30	13989.25	3885.54	3.3	2.9	100	-200	0.0	0.0	1.0	1.0	150	150
P53	18x30	14282.98	3885.54	4.8	4.4	100	-200	0.0	0.0	1.0	1.0	150	150
P54	18x30	14899.45	3885.54	4.8	3.8	100	-200	0.0	0.0	1.0	1.0	150	150
P55	18x30	15143.00	3885.54	2.0	1.8	100	-200	0.0	0.0	1.0	1.0	150	150
P56	18x30	15402.45	3885.54	3.0	2.2	100	-300	0.0	0.0	1.0	1.0	150	150
P57	18x30	12817.50	3642.12	8.7	6.5	400	-500	0.0	0.0	1.0	1.0	150	150
P58	18x30	15407.98	3642.12	4.0	3.6	400	-500	0.0	0.0	1.0	1.0	150	150
P59	18x30	12817.50	3712.12	7.2	5.4	400	-500	0.0	0.0	1.0	1.0	150	150
P60	18x30	15407.98	3713.04	3.3	3.0	400	-500	0.0	0.0	1.0	1.0	150	150
P61	18x30	12817.50	3582.12	7.4	5.7	400	-500	0.0	0.0	1.0	1.0	150	150
P62	18x30	15407.98	3582.12	3.4	3.0	400	-500	0.0	0.0	1.0	1.0	150	150
P63	18x30	12817.50	3502.00	4.4	0.2	300	-300	0.0	0.0	1.0	1.0	150	150
P64	18x30	15407.98	3503.04	3.7	2.7	400	-400	0.0	0.0	1.0	1.0	150	150
P65	17x35	12889.01	3503.04	6.9	4.2	100	-200	0.0	0.0	1.0	1.0	150	150
P66	L 30x42.5x15x15	15498.00	4738.00	6.8	4.0	1100	-1200	700	-700	0.1	-0.3	0.5	0.5
P67	18x30	15143.00	4738.00	3.8	3.0	100	-200	0.0	0.0	1.0	1.0	150	150
P68	18x30	16051.25	4738.00	3.9	3.2	100	0	500	-300	0.4	-0.2	0.1	0.0
P69	18x30	16369.51	4738.00	2.0	2.2	100	-200	0.0	0.0	1.0	1.0	150	150
P70	17x30	15123.84	4565.50	14.4	11.2	400	-400	0.0	0.0	1.0	1.0	150	150
P71	18x30	15582.50	4573.00	18.0	15.0	100	-100	0.0	0.0	1.0	1.0	150	150
P72	18x30	16051.25	4565.50	11.0	9.2	200	-100	0.0	0.0	1.0	1.0	150	150
P73	18x30	16369.51	4573.00	2.9	2.1	100	-200	0.0	0.0	1.0	1.0	150	150
P74	18x30	15407.98	4468.04	3.0	2.0	400	-300	0.0	0.0	1.0	1.0	150	150
P75	17x35	12897.50	4504.54	12.4	8.9	500	0	400	-600	0.4	-0.2	0.0	0.3
P76	18x30	14282.98	4504.54	6.0	4.3	100	-200	0.0	0.0	1.0	1.0	150	150
P77	18x30	14839.22	4390.54	5.8	4.0	100	-200	0.0	0.0	1.0	1.0	150	150
P78	18x30	12880.00	4190.50	3.1	2.2	300	-300	0.0	0.0	1.0	1.0	150	150
P79	18x30	12880.00	4183.00	4.2	3.3	100	-300	0.0	0.0	1.0	1.0	150	150
P80	18x30	13093.00	4183.00	4.4	3.4	100	-200	0.0	0.0	1.0	1.0	150	150
P81	18x30	15122.84	4215.50	12.0	10.0	600	-700	0.0	0.0	1.0	1.0	150	150
P82	18x30	15582.50	4208.00	29.1	23.8	200	-300	800	-800	0.4	-0.4	0.1	-0.2
P83	18x30	15582.50	4208.00	13.2	11.0	200	-200	100	-100	0.3	-0.2	0.1	0.0
P84	18x30	15122.84	3850.50	6.9	5.4	800	-400	0.0	0.0	1.0	1.0	150	150
P85	18x30	15582.50	3843.00	12.8	10.0	400	0	400	-400	0.4	-0.4	0.1	0.1
P86	18x30	16034.00	3843.00	6.2	5.2	300	-200	1000	-500	0.6	0.0	0.1	0.3

Localização no eixo X		Localização no eixo Y	
Coordenadas (cm)	Nome	Coordenadas (cm)	Nome
12967.98	P74	6385.54	P48, P50, P51, P52, P53, P54, P55, P56
12817.50	P75	6250.54	P5
12862.04	P76	6249.54	P3
12897.98	P77	6249.04	P1
12889.01	P78	6000.04	P56
12960.45	P79	6042.12	P57
13026.50	P80	5980.54	P8
13123.02	P81	5975.54	P7, P9
13289.50	P82	5968.54	P9
13379.06	P83	5968.04	P10
13389.00	P84	5973.02	P59
13389.50	P85, P81, P22, P28	5967.04	P11
13398.00	P86	5953.54	P10
13320.05	P87	5912.04	P12
13481.00	P59	5912.00	P13
13482.00	P47	5909.50	P16
13482.06	P35, P44	5908.00	P15
13737.06	P40	5846.13	P18
13799.00	P48	5403.04	P62
13853.00	P2	5383.04	P17
13836.48	P23, P98	5382.12	P10
13837.98	P7, P29	5383.50	P20
13845.48	P12	5183.04	P23
13909.20	P52	5183.00	P19
13933.76	P45	5170.00	P21
13970.06	P41	5126.50	P25
14024.81	P37	5120.54	P26
14185.00	P13	5117.50	P24
14190.48	P8	5073.04	P64
14192.03	P3	5028.04	P63
14193.48	P24	5019.00	P65
14194.48	P18, P30	4945.00	P27
14209.48	P63	4778.04	P31
14282.08	P38	4775.50	P32
14292.06	P42, P46	4767.04	P31
14465.48	P31	4765.54	P28, P29, P33
14533.04	P79	4778.00	P60, P37, P68, P69
14799.48	P32	4573.00	P71, P73
14800.04	P19	4565.50	P70, P72
14802.00	P15	4518.04	P36
14839.22	P77	4505.54	P37
14899.48	P54	4504.54	P75, P38
14905.48	P9	4498.04	P74
14912.98	P4	4498.00	P30
14918.00	P25	4493.04	P34
15012.76	P16	4390.54	P77
15122.84	P81, P84	4340.50	P39
15123.84	P70	4251.04	P41
15143.09	P55	4244.54	P42
15206.48	P5, P83	4244.00	P40
15265.60	P20	4215.00	P81
15271.66	P10, P14	4202.00	P82, P83
15272.00	P20	4190.54	P43, P44
15273.00	P27	4190.50	P78
15400.48	P56	4183.00	P75, P80
15407.98	P58, P60, P62, P64	4044.54	P46
15480.00	P66	4037.04	P45
15582.50	P77, P82, P85	3930.54	P47, P48
15714.00	P67	3850.50	P84
16034.00	P83, P86	3843.00	P85, P86
16041.50	P72		
16051.29	P68		
16388.27	P73		
16392.67	P69		