



Nome	Seção	X (cm)	Y (cm)	Carga Máx. (kN)	Carga Mín. (kN)	Mz Máximo (kN.m)		My Máximo (kN.m)		Fx Máximo (kN)		Fy Máximo (kN)		Lado B		Lado H		Fundação			
						Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	H0 (cm)	H1 (cm)	H2 (cm)	Lado B	Lado H	H0 (cm)
P1	19x30	11.50	215.00	8.8	7.8	100	-400	0	-900	0.0	-1.7	0.7	0.0	70	80	25	40	150			
P2	19x30	754.50	215.00	15.3	14.2	100	-400	0	-900	0.0	-1.8	0.5	0.0	70	75	30	40	150			
P3	19x30	1497.50	215.00	14.2	13.4	100	-400	0	-900	0.0	-1.7	0.7	0.0	70	80	25	40	150			
P4	19x30	2240.50	215.00	14.9	13.5	100	-400	0	-900	0.0	-1.7	0.7	0.0	70	75	30	40	150			
P5	19x30	2983.50	215.00	14.9	13.5	100	-400	0	-900	0.0	-1.7	0.7	0.0	70	80	25	40	150			
P6	19x30	3727.50	215.00	17.9	16.4	100	-400	0	-900	0.0	-1.7	0.7	0.0	70	80	25	40	150			
P7	19x30	4471.50	215.00	17.1	15.5	100	-400	0	-900	0.0	-1.7	0.7	0.0	70	80	25	40	150			
P8	19x30	5394.36	215.00	18.6	16.4	100	-400	0	-900	0.0	-1.2	0.0	1.1	0.0	135	145	25	40	150		
P9	19x30	5957.37	215.00	14.6	13.4	100	-400	0	-900	0.0	-1.7	0.7	0.0	70	80	25	40	150			
P10	19x30	6700.37	215.00	11.6	10.6	100	-400	0	-1500	0.0	-1.8	0.5	0.0	125	140	25	40	150			
P11	19x40	11.50	1749.00	12.2	11.3	800	-300	0	-1300	0.0	-2.8	0.9	-0.9	85	110	25	40	150			
P12	19x40	754.50	1749.00	13.6	12.6	700	-400	1400	0	2.7	0.0	0.7	-0.6	85	110	25	40	150			
P13	19x40	1497.50	1749.00	13.5	12.4	700	-400	0	-1200	0.0	-2.1	0.7	-0.6	70	100	25	40	150			
P14	19x40	2240.50	1749.00	20.1	18.5	700	-400	0	-1000	0.0	-1.1	-0.2	0.7	-0.6	70	100	25	40	150		
P15	19x40	2983.50	1749.00	13.5	12.2	800	-700	1100	0	2.2	0.0	0.7	-0.6	80	100	25	40	150			
P16	40x40	4471.50	1749.00	8.5	8.0	800	-1100	300	-200	0.1	-0.2	0.9	-0.4	60	80	50	60	150			
P17	19x30	5394.37	1595.84	12.1	11.1	800	-400	0	-800	0.0	-1.7	0.0	-0.6	70	80	25	40	150			
P18	19x30	5957.36	1595.84	13.3	10.6	800	-100	700	0	1.3	0.0	0.0	-1.3	70	80	25	40	150			
P19	19x30	11.50	1383.00	14.9	13.5	300	-200	500	0	0.8	0.0	0.0	-0.4	70	75	30	40	150			
P20	19x30	754.50	1377.50	15.9	14.4	300	-200	500	0	0.8	0.0	0.0	-0.4	70	75	30	40	150			
P21	19x30	1497.50	1377.50	14.9	13.5	300	-200	100	-100	0.1	-0.5	0.0	-0.4	70	75	30	40	150			
P22	19x30	2240.50	1377.50	15.1	13.6	300	-200	100	-200	0.1	-0.2	0.0	-0.6	70	75	30	40	150			
P23	19x30	2983.50	1377.50	14.9	13.5	300	-200	100	-200	0.2	-0.2	0.0	-0.6	70	75	30	40	150			
P24	19x30	3727.50	1377.48	18.3	17.6	1600	-400	0	-400	0.0	-0.7	0.0	-0.6	80	100	25	40	150			
P25	19x30	4471.50	1383.00	9.7	8.5	400	-100	800	0	1.7	0.0	0.1	-0.5	70	80	25	40	150			
P26	19x30	5394.37	1383.00	5.3	4.8	400	-200	0	-400	0.0	-0.4	0.4	-0.4	60	60	25	40	150			
P27	19x30	5957.36	1383.00	8.6	6.6	400	-500	100	-100	0.1	-0.2	0.0	-0.9	80	95	25	40	150			
P28	19x30	6700.37	1383.00	12.6	11.6	300	-400	0	-700	0.0	-1.2	0.7	-0.2	115	120	25	40	150			
P29	19x30	6700.47	1383.00	17.1	16.8	800	-160	800	0	1.7	0.0	0.0	-1.3	135	145	25	40	150			
P30	19x30	11.50	1019.00	14.1	12.9	800	-200	0	-800	0.0	-1.7	0.0	-0.6	70	80	25	40	150			
P31	19x30	754.50	1019.00	15.8	14.3	100	-300	500	0	0.9	0.0	0.8	0.0	70	80	25	40	150			
P32	19x30	1497.50	1019.00	14.8	13.4	100	-200	0	0.1	-0.2	0.6	0.0	-0.6	70	80	25	40	150			
P33	19x30	2240.50	1019.00	15.1	13.8	100	-500	200	-200	0.1	-0.2	0.8	0.0	70	75	30	40	150			
P34	19x30	2983.50	1019.00	16.5	14.4	100	-500	0	-100	0.1	-0.1	0.0	-0.7	65	100	25	40	150			
P35	19x30	3727.50	1019.00	14.8	13.3	0	-1700	400	0	0.7	0.0	2.8	0.0	90	105	40	60	150			
P36	19x30	4471.50	1019.00	14.9	13.4	0	-1600	0	0	0.0	-0.6	0.0	-0.6	70	75	30	40	150			
P37	19x30	5394.37	1019.00	7.5	6.5	0	-500	300	0	0.5	0.0	0.8	0.0	60	70	30	40	150			
P38	19x30	5957.37	1019.00	6.5	4.4	200	-400	0	-400	0.0	-0.4	0.6	0.0	80	105	25	40	150			
P39	19x30	6700.37	1019.00	8.6	6.9	400	-400	0	-100	0.1	-0.1	0.0	-0.6	80	95	25	40	150			
P40	19x30	6700.37	749.00	13.4	11.1	400	-400	0	-600	0.0	-1.1	0.3	-0.4	115	125	25	40	150			
P41	19x30	6700.37	749.00	17.1	16.8	800	-160	800	0	1.7	0.0	0.0	-1.3	135	145	25	40	150			
P42	19x30	5394.36	539.06	8.9	7.9	300	-400	0	-700	0.0	-1.5	0.6	-0.4	105	115	25	40	150			
P43	19x30	5957.36	539.06	8.8	7.8	300	-400	0	-700	0.0	-1.5	0.6	-0.4	105	115	25	40	150			
P44	19x40	11.50	383.00	12.2	11.3	400	-700	0	-1300	0.0	-2.8	0.9	-0.2	85	110	40	60	150			
P45	19x40	754.50	383.00	13.6	12.6	400	-700	0	-1300	0.0	-2.8	0.9	-0.2	85	110	40	60	150			
P46	19x40	1497.50	383.00	12.2	11.3	400	-600	0	-400	0.0	-1.3	0.7	-0.6	65	80	30	40	150			
P47	19x40	2240.50	383.00	20.4	18.5	400	-600	0	-400	0.0	-1.4	0.7	-0.6	75	95	25	40	150			
P48	40x40	4471.50	383.00	7.6	7.1	500	-600	400	-300	0.1	0.0	0.6	-0.5	80	80	50	60	150			
P49	19x30	5394.36	309.06	8.3	7.6	300	-500	0	-700	0.0	-1.5	0.6	-0.4	105	115	25	40	150			
P50	19x30	5957.36	309.06	8.8	8.9	400	-500	700	0	1.4	0.0	0.6	-0.5	105	120	25	40	150			
P51	19x30	2063.50	214.50	15.6	13.9	1600	-400	0	-400	0.0	-0.7	0.0	-0.6	80	95	25	40	150			
P52	19x30	3344.00	214.50	6.0	5.9	200	-500	700	0	1.9	0.0	0.0	-1.1	60	70	25	40	150			
P53	19x30	11.50	17.00	8.9	7.9	500	-200	0	-300	0.0	-1.7	0.0	-0.6	70	80	25	40	150			
P54	19x30	754.50	17.00	16.5	14.9	400	-500	0	-500	0.0	-1.8	0.0	-0.7	65	80	25	40	150			
P55	19x30	1497.50	11.50	15.0	13.6	400	0	200	0	0.2	-0.2	0.0	-0.5	70	75	30	40	150			
P56	19x30	2240.50	11.50	15.4	14.0	400	0	100	-200	0.1	-0.1	0.0	-0.7	70	75	30	40	150			
P57	19x30	2983.50	11.50	11.3	8.8	200	-500	600	0	1.0	0.0	0.8	-0.1	60	70	30	40	150			
P58	19x30	3344.00	17.00	7.7	7.2	4.8	700	-400	0	0.2	0.0	1.2	0.7	60	70	25	40	150			
P59	19x30	3623.00	11.50	12.0	10.9	1600	0	0	-300	0.0	-0.3	0.0	-0.7	60	105	25	40	150			
P60	19x30	4053.00	11.50	13.7	12.4	1600	-100	0	-100	0.1	-0.3	0.0	-0.7	60	105	25	40	150			
P61	19x30	4471.50	17.00	11.0	10.2	0	-800	300	0	0.4	0.0	1.4	0.0	70	75	30	40	150			
P62	19x30	5394.37	17.00	11.0	10.4	0	-500	0	-500	0.0	-1.7	0.0	-0.6	70	75	30	40	150			
P63	19x30	5957.36	11.50	15.1	13.7	300	-200	0	-600	0.0	-1.2	0.1	-0.5	130	130	25	40	150			
P64	19x30	6700.37	11.50	11.6	10.6	400	-100	800	0	1.7	0.0	0.0	-1.3	135	145	25	40	150			
P65	25x34	4479.00	-599.03	9.2	9.1	1200	0	-1300	0.0	-0.5	0.0	-2.2	150	180	40	75	150				
P66	25x34	5389.00	-599.03	9.2	9.1	1200	0	-1300	0.0	-0.5	0.0	-2.2	150	180	40	75	150				

Os eixos indicados nesta tabela são os valores máximos obtidos pela combinação de todas as combinações definidas para as fundações. Para análises complementares, deve-se consultar o relatório de esforços na fundação, que apresenta os valores calculados para cada combinação.

Localização no eixo X		Localização no eixo Y	
Coordenadas (cm)	Nome	Coordenadas (cm)	Nome
11.50	P1, P11, P19, P30, P44, P53	2120.50	P2, P3, P4, P5, P6, P9
754.50	P2, P12, P20, P31, P45, P54	2115.00	P11, P7, P8, P10
1497.50	P3, P13, P21, P32, P46, P55	1749.00	P11, P12, P13, P14, P15, P16
2240.50	P4, P14, P22, P33, P47, P56	1595.84	P17, P18
2983.50	P5, P15, P23, P34, P51, P57	1383.00	P19, P25, P26, P27, P28, P29
3344.00	P52	1377.50	P20, P21, P22, P23
3349.50	P58	1377.48	P24
3623.00	P36, P59	754.50	P31, P32, P33, P34, P35, P36
3727.50	P6, P24	749.00	P30, P37, P38, P39, P40, P41
4053.00	P36, P60	539.06	P42, P43
4471.50	P7, P16, P25, P37, P48, P61	383.04	P44, P45, P46, P47, P48
4473.00	P65	369.50	P49, P50
5389.00	P6	214.50	P51, P52
5394.36	P42, P40	17.00	P53, P58, P61, P62, P64
5394.37	P8, P26, P38, P62	11.50	P54, P55, P56, P57, P59, P60, P63
5396.87	P17	599.04	P6
5667.58	P27, P39	599.03	P66
5957.37	P18, P28, P40, P43, P50, P63		
5957.37	P9		
6700.37	P10, P41, P64		
6700.47	P29		