



Planta de cargas
escala 1:50

Nome	Seção (cm)	X (cm)	Y (cm)	Pilar					
				Carga Máx. (tf)	Carga Mín. (tf)	Mx (kgf.m)	My (kgf.m)	Fx (tf)	Fy (tf)
P1	18x25	9.00	2002.50	4.3	4.0	100	400	0.9	0.1
P2	15x30	491.50	2000.00	8.6	8.3	100	100	0.2	0.1
P3	15x30	1001.50	2007.50	7.6	7.4	200	400	0.7	0.3
P4	15x30	1341.50	2007.50	5.0	4.8	100	100	0.2	0.1
P5	15x30	1676.50	2007.50	7.0	6.7	300	200	0.3	0.5
P6	20x20	2066.50	2005.00	5.3	5.0	300	200	0.5	0.7
P7	15x30	499.00	1792.50	3.7	3.4	100	200	0.1	0.1
P8	18x30	762.80	1791.00	7.3	7.1	100	200	0.6	0.2
P9	15x30	1341.50	1806.20	3.8	3.6	200	100	0.1	0.2
P10	18x25	9.00	1892.50	4.7	4.4	100	200	0.4	0.2
P11	15x30	326.50	1892.50	6.4	6.1	200	200	0.4	0.5
P12	15x30	491.50	1860.00	3.1	2.8	200	100	0.1	0.3
P13	15x30	641.50	1867.50	4.6	4.2	100	200	0.3	0.1
P14	15x30	1001.50	1867.50	8.5	8.4	100	200	0.2	0.2
P15	15x30	1261.50	1860.00	7.7	7.5	200	100	0.1	0.4
P16	15x30	1521.50	1860.00	5.2	4.9	200	100	0.3	0.3
P17	15x30	1676.50	1875.00	5.8	5.7	300	100	0.2	0.7
P18	15x30	1926.50	1867.50	7.3	6.9	300	100	0.2	0.8
P19	20x20	2066.50	1596.00	5.9	5.8	200	100	0.1	0.3
P20	15x30	326.50	1412.50	4.0	3.7	200	100	0.1	0.2
P21	15x30	491.50	1412.50	6.6	6.3	100	100	0.2	0.1
P22	15x30	861.50	1412.50	6.2	5.9	100	200	0.2	0.2
P23	15x30	1136.50	1420.00	5.4	5.0	200	200	0.3	0.5
P24	15x30	1386.50	1420.00	7.3	7.0	200	200	0.4	0.3
P25	15x30	1676.50	1412.50	5.1	4.8	100	300	0.4	0.2
P26	15x30	1926.50	1420.00	4.3	3.8	400	100	0.2	0.4
P27	18x25	9.00	1317.50	3.5	3.1	100	100	0.2	0.1
P28	15x30	206.50	1252.50	4.8	4.5	200	100	0.1	0.2
P29	15x30	306.50	1270.00	4.7	4.4	300	200	0.4	0.6
P30	15x30	491.50	1277.50	5.5	5.0	100	300	0.5	0.1
P31	18x25	9.00	1152.50	4.1	3.7	100	200	0.3	0.2
P32	15x30	326.50	1152.50	7.0	6.8	300	200	0.3	0.5
P33	15x30	491.50	1152.50	7.4	7.2	200	200	0.3	0.3
P34	15x30	861.50	1152.50	6.1	5.9	200	200	0.5	0.2
P35	20x20	2066.50	1198.00	5.1	5.0	100	100	0.1	0.1
P36	15x30	1559.00	1105.00	8.0	7.8	100	200	0.1	0.2
P37	15x30	1306.50	940.00	5.8	5.5	300	300	0.7	0.5
P38	15x30	1706.50	932.50	6.8	6.4	200	300	0.7	0.3
P39	15x30	491.50	802.50	5.8	5.6	200	200	0.5	0.3
P40	15x30	861.50	802.50	6.1	5.9	200	200	0.5	0.3
P41	20x20	2066.50	782.00	5.0	4.9	100	100	0.1	0.2
P42	18x25	9.00	707.50	5.0	4.7	100	200	0.4	0.1
P43	15x30	326.50	707.50	6.8	6.5	200	200	0.4	0.3
P44	15x30	906.50	670.00	6.3	6.0	300	200	0.5	0.9
P45	15x30	1221.50	677.50	6.4	6.0	300	400	0.7	0.5
P46	15x30	1406.50	677.50	7.0	6.7	100	200	0.4	0.2
P47	15x30	1699.00	677.50	5.4	5.1	100	300	0.5	0.1
P48	15x30	491.50	577.50	5.5	5.3	200	100	0.4	0.3
P49	15x30	1414.00	472.50	3.4	3.1	100	200	0.5	0.1
P50	15x30	1706.50	472.50	6.4	6.2	100	200	0.4	0.1
P51	15x30	1984.00	472.50	6.8	6.6	400	200	0.3	0.7
P52	15x30	2214.00	472.50	5.1	4.7	400	200	0.4	0.8
P53	18x25	9.00	357.50	4.6	4.3	100	200	0.4	0.1
P54	15x30	326.50	357.50	6.7	6.5	200	200	0.4	0.3
P55	15x30	491.50	270.00	5.4	5.1	200	100	0.1	0.3
P56	15x30	806.50	262.50	7.1	6.9	300	200	0.3	0.7
P57	15x30	1221.50	270.00	6.5	6.2	300	200	0.3	0.6
P58	15x30	1394.00	262.50	5.7	5.3	200	300	0.6	0.4
P59	15x30	1699.00	262.50	6.3	6.0	100	300	0.6	0.2
P60	18x25	9.00	12.50	3.2	3.0	100	200	0.3	0.1
P61	15x30	326.50	7.50	5.8	5.6	200	200	0.2	0.4
P62	15x30	606.50	7.50	3.7	3.5	100	100	0.1	0.1
P63	15x30	910.25	7.50	3.9	3.7	200	100	0.1	0.1
P64	15x30	1214.00	7.50	3.0	2.7	100	200	0.3	0.1
P65	15x30	1386.50	7.50	6.1	5.7	200	300	0.6	0.4
P66	15x30	1706.50	7.50	6.4	6.1	100	200	0.5	0.2
P67	15x30	1984.00	7.50	5.8	5.6	300	100	0.2	0.7
P68	15x30	2214.00	7.50	4.5	4.2	300	100	0.2	0.7

PREFEITURA MUNICIPAL DE PARANAGUÁ
 ADMINISTRAÇÃO DR. EDISON DE OLIVEIRA KERSTEN
 SECRETARIA MUNICIPAL DE PLANEJAMENTO, ORÇAMENTO E GESTÃO

TÍTULO: PROJETO ESTRUTURAL

OBRA: U.B.S. PRAIA DE ENCANTADAS - ILHA DO MEL

CONTÉUDO: LOCAÇÃO DOS PILARES

RESP. TÉCNICO PROJETO: RUY JOSÉ REISDO
 CREA: 18.286-D

PROPRIETÁRIO: MUNICÍPIO DE PARANAGUÁ
 PREFEITO - DR. EDISON DE OLIVEIRA KERSTEN

DATA: JUN/2014 | ESCALA: INDICADA | DESENHO: RJR | ÁREA CONTROLADA: 405,95 m² | PRIMEIRA: 02/12