



Barra										Fundação										Banco										Localização no eixo X		Localização no eixo Y	
Nome	Seção	X (cm)	Y (cm)	Carga Max (kN)	Carga Min (kN)	Mx (kgf/cm)	My (kgf/cm)	Fx (kgf)	Fy (kgf)	Lado A (cm)	Lado B (cm)	Lado C (cm)	Lado D (cm)	h1 (cm)	h2 (cm)	d1 (cm)	d2 (cm)	de (cm)	Barras	Base (kN)	Coordenadas (cm)	Nome	Coordenadas (cm)	Nome	Coordenadas (cm)	Nome	Coordenadas (cm)	Nome	Coordenadas (cm)				
P1	25x40	135.00	3331.95	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	1	135.00	P45	3331.95	P4	3331.95	P1	3331.95	P1	3331.95	P1	3331.95			
P2	25x40	327.50	3334.00	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	2	327.50	P46	3334.00	P5	3334.00	P2	3334.00	P2	3334.00	P2	3334.00			
P3	25x40	519.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	3	519.00	P47	3334.00	P6	3334.00	P3	3334.00	P3	3334.00	P3	3334.00			
P4	25x40	710.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	4	710.50	P48	3334.00	P7	3334.00	P4	3334.00	P4	3334.00	P4	3334.00			
P5	25x40	902.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	5	902.00	P49	3334.00	P8	3334.00	P5	3334.00	P5	3334.00	P5	3334.00			
P6	25x40	1093.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	6	1093.50	P50	3334.00	P9	3334.00	P6	3334.00	P6	3334.00	P6	3334.00			
P7	25x40	1285.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	7	1285.00	P51	3334.00	P10	3334.00	P7	3334.00	P7	3334.00	P7	3334.00			
P8	25x40	1476.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	8	1476.50	P52	3334.00	P11	3334.00	P8	3334.00	P8	3334.00	P8	3334.00			
P9	25x40	1668.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	9	1668.00	P53	3334.00	P12	3334.00	P9	3334.00	P9	3334.00	P9	3334.00			
P10	25x40	1859.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	10	1859.50	P54	3334.00	P13	3334.00	P10	3334.00	P10	3334.00	P10	3334.00			
P11	25x40	2051.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	11	2051.00	P55	3334.00	P14	3334.00	P11	3334.00	P11	3334.00	P11	3334.00			
P12	25x40	2242.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	12	2242.50	P56	3334.00	P15	3334.00	P12	3334.00	P12	3334.00	P12	3334.00			
P13	25x40	2434.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	13	2434.00	P57	3334.00	P16	3334.00	P13	3334.00	P13	3334.00	P13	3334.00			
P14	25x40	2625.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	14	2625.50	P58	3334.00	P17	3334.00	P14	3334.00	P14	3334.00	P14	3334.00			
P15	25x40	2817.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	15	2817.00	P59	3334.00	P18	3334.00	P15	3334.00	P15	3334.00	P15	3334.00			
P16	25x40	3008.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	16	3008.50	P60	3334.00	P19	3334.00	P16	3334.00	P16	3334.00	P16	3334.00			
P17	25x40	3200.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	17	3200.00	P61	3334.00	P20	3334.00	P17	3334.00	P17	3334.00	P17	3334.00			
P18	25x40	3391.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	18	3391.50	P62	3334.00	P21	3334.00	P18	3334.00	P18	3334.00	P18	3334.00			
P19	25x40	3583.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	19	3583.00	P63	3334.00	P22	3334.00	P19	3334.00	P19	3334.00	P19	3334.00			
P20	25x40	3774.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	20	3774.50	P64	3334.00	P23	3334.00	P20	3334.00	P20	3334.00	P20	3334.00			
P21	25x40	3966.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	21	3966.00	P65	3334.00	P24	3334.00	P21	3334.00	P21	3334.00	P21	3334.00			
P22	25x40	4157.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	22	4157.50	P66	3334.00	P25	3334.00	P22	3334.00	P22	3334.00	P22	3334.00			
P23	25x40	4349.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	23	4349.00	P67	3334.00	P26	3334.00	P23	3334.00	P23	3334.00	P23	3334.00			
P24	25x40	4540.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	24	4540.50	P68	3334.00	P27	3334.00	P24	3334.00	P24	3334.00	P24	3334.00			
P25	25x40	4732.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	25	4732.00	P69	3334.00	P28	3334.00	P25	3334.00	P25	3334.00	P25	3334.00			
P26	25x40	4923.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	26	4923.50	P70	3334.00	P29	3334.00	P26	3334.00	P26	3334.00	P26	3334.00			
P27	25x40	5115.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	27	5115.00													
P28	25x40	5306.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	28	5306.50													
P29	25x40	5498.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	29	5498.00													
P30	25x40	5689.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	30	5689.50													
P31	25x40	5881.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	31	5881.00													
P32	25x40	6072.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	32	6072.50													
P33	25x40	6264.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	33	6264.00													
P34	25x40	6455.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	34	6455.50													
P35	25x40	6647.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	35	6647.00													
P36	25x40	6838.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	36	6838.50													
P37	25x40	7030.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	37	7030.00													
P38	25x40	7221.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	38	7221.50													
P39	25x40	7413.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	39	7413.00													
P40	25x40	7604.50	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	40	7604.50													
P41	25x40	7796.00	3334.00	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	41	7796.00													
P42	25x40	7987.50	3334	11.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	50	0	1	30	42	7987.50													