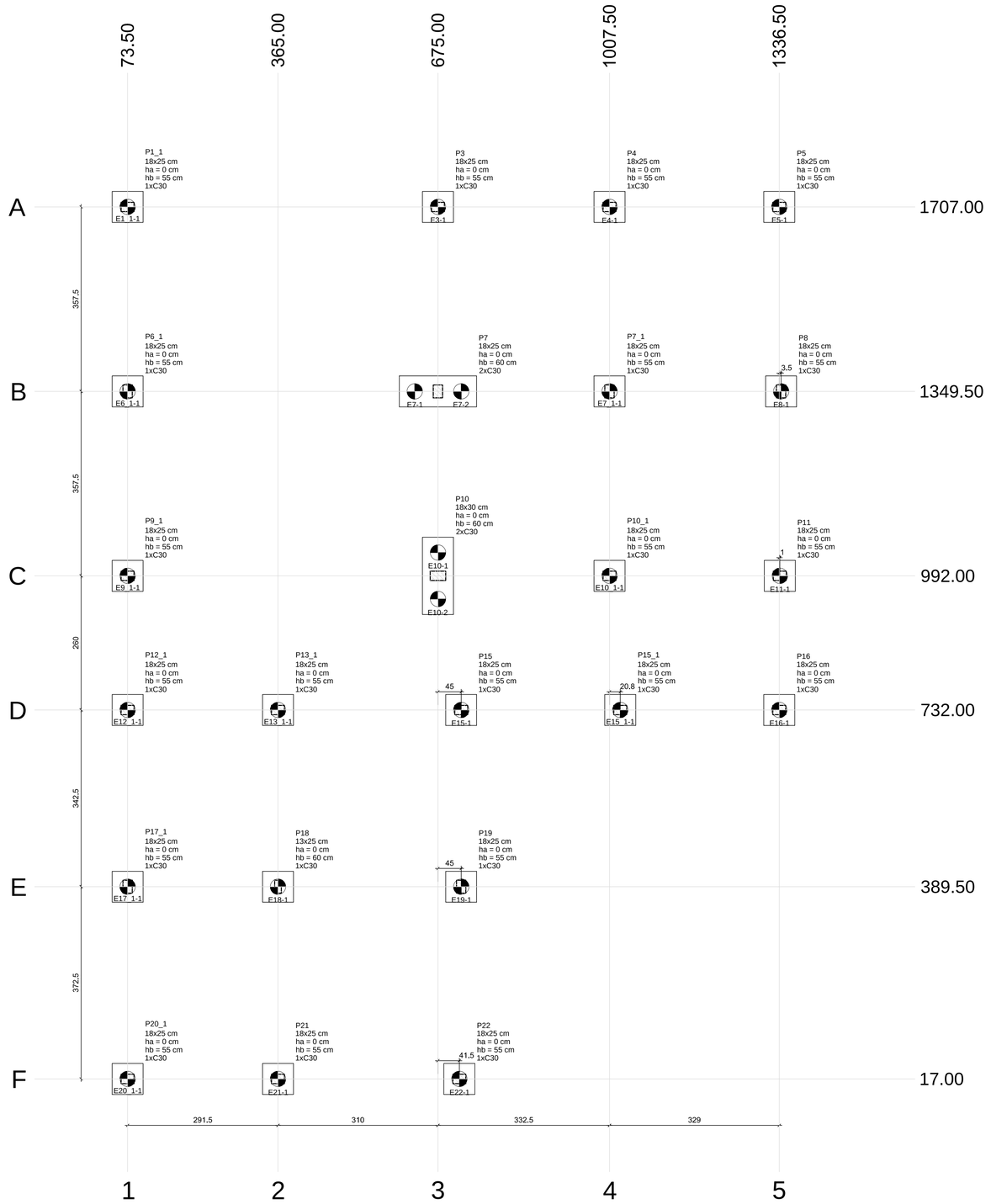


Planta de Loca-«o das Estacas - Bloco 1

escala 1:50

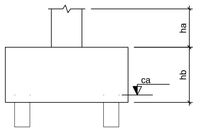
Pilar										Funda-«o				Bloco		
Nome	Se-«o (cm)	X (cm)	Y (cm)	Carga M§x. (tf)	Carga M²n. (tf)	Mx (kgf.m)	My (kgf.m)	Fx (tf)	Fy (tf)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	Estaca	ca (cm)
P3	18x25	675.00	1707.00	11.6	10.3	0	0	1.2	0.6	60	60	0	55	1	C30	-40
P4	18x25	1007.50	1707.00	6.7	6.1	0	0	1.0	0.1	60	60	0	55	1	C30	-40
P5	18x25	1336.50	1707.00	5.5	4.3	0	0	0.4	0.6	60	60	0	55	1	C30	-40
P7	18x25	675.00	1349.50	15.2	13.7	0	0	0.8	0.5	150	60	0	60	2	C30	-45
P8	18x25	1340.00	1349.50	9.6	8.6	0	0	0.9	0.4	60	60	0	55	1	C30	-40
P10	18x30	675.00	992.00	15.7	13.2	0	0	0.7	0.6	150	60	0	60	2	C30	-45
P11	18x25	1337.50	992.00	9.8	8.5	0	0	0.5	0.5	60	60	0	55	1	C30	-40
P15	18x25	720.00	732.00	10.9	9.1	0	0	0.5	0.6	60	60	0	55	1	C30	-40
P16	18x25	1336.50	732.00	6.2	4.6	0	0	0.1	0.4	60	60	0	55	1	C30	-40
P18	13x25	365.00	389.50	11.0	10.0	0	0	0.8	0.4	60	60	0	60	1	C30	-45
P19	18x25	720.00	389.50	8.7	7.9	0	0	0.2	0.5	60	60	0	55	1	C30	-40
P1_1	18x25	73.50	1707.00	9.6	8.4	0	0	1.2	0.2	60	60	0	55	1	C30	-40
P21	18x25	365.00	17.00	8.3	7.3	0	0	1.3	0.5	60	60	0	55	1	C30	-40
P22	18x25	716.50	17.00	5.8	4.6	0	0	0.3	0.6	60	60	0	55	1	C30	-40
P6_1	18x25	73.50	1349.50	8.8	7.9	0	0	2.6	0.2	60	60	0	55	1	C30	-40
P7_1	18x25	1007.50	1349.50	0.6	0.4	0	0	0.8	0.1	60	60	0	55	1	C30	-40
P9_1	18x25	73.50	992.00	10.5	9.5	0	0	1.0	0.1	60	60	0	55	1	C30	-40
P10_1	18x25	1007.50	992.00	2.7	2.6	0	0	1.2	0.1	60	60	0	55	1	C30	-40
P12_1	18x25	73.50	732.00	9.6	7.4	0	0	0.4	0.2	60	60	0	55	1	C30	-40
P13_1	18x25	364.99	732.00	7.7	6.6	0	0	1.4	0.7	60	60	0	55	1	C30	-40
P15_1	18x25	1028.25	732.00	2.7	2.5	0	0	1.1	0.1	60	60	0	55	1	C30	-40
P17_1	18x25	73.50	389.50	8.1	7.3	0	0	1.2	0.2	60	60	0	55	1	C30	-40
P20_1	18x25	73.50	17.00	6.6	5.4	0	0	0.8	0.2	60	60	0	55	1	C30	-40

Loca-«o no eixo X	
Coordenadas (cm)	Nome
73.50	P1_1, P6_1, P9_1, P12_1, P17_1, P20_1
364.99	P13_1
365.00	P18, P21
675.00	P3, P7, P10
716.50	P22
720.00	P15, P19
1007.50	P4, P7_1, P10_1
1028.25	P15_1
1336.50	P5, P16
1337.50	P11
1340.00	P8

Loca-«o no eixo Y	
Coordenadas (cm)	Nome
1707.00	P1_1, P3, P4, P5
1349.50	P6_1, P7, P7_1, P8
992.00	P9_1, P10, P10_1, P11
732.00	P12_1, P13_1, P15, P15_1, P16
389.50	P17_1, P18, P19
17.00	P20_1, P21, P22

Estacas			
Simbologia	Nome	d (cm)	Quantidade
	C30	30.00	25

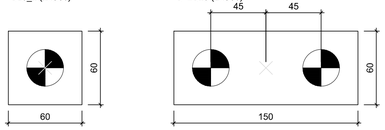
Profundidade das Estacas - 3.00m



LOCAŁëO DAS ESTACAS								
Bloco	Nome	Tipo	Coordenada X (cm)	Coordenada Y (cm)	Carga m§x. tf	Carga m²n. tf	Momento kgf.m	For-a horiz. tf	CA (cm)
B3	E3-1	C30	675.00	1707.00	11.98	10.83	0.00	1.22	-40
B4	E4-1	C30	1007.50	1707.00	7.09	6.66	0.00	0.95	-40
B5	E5-1	C30	1336.50	1707.00	5.90	4.86	0.00	0.55	-40
B7	E7-1	C30	630.00	1349.50	8.25	7.52	0.00	0.37	-45
	E7-2		720.00	1349.50	8.25	7.52	0.00	0.37	
B8	E8-1	C30	1340.00	1349.50	9.99	9.12	0.00	0.83	-40
B10	E10-1	C30	675.00	1037.00	8.19	7.29	0.00	0.41	-45
	E10-2		675.00	947.00	8.19	7.29	0.00	0.41	
B11	E11-1	C30	1337.50	992.00	9.94	9.02	0.00	0.60	-40
B15	E15-1	C30	720.00	732.00	10.85	9.59	0.00	0.56	-40
B16	E16-1	C30	1336.50	732.00	6.38	5.13	0.00	0.38	-40
B18	E18-1	C30	365.00	389.50	11.48	10.59	0.00	0.70	-45
B19	E19-1	C30	720.00	389.50	9.11	8.42	0.00	0.43	-40
B1_1	E1_1-1	C30	73.50	1707.00	9.97	8.94	0.00	1.15	-40
B21	E21-1	C30	365.00	17.00	8.73	7.85	0.00	1.27	-40
B22	E22-1	C30	716.50	17.00	6.21	5.18	0.00	0.63	-40
B6_1	E6_1-1	C30	73.50	1349.50	9.18	8.43	0.00	2.50	-40
B7_1	E7_1-1	C30	1007.50	1349.50	1.00	0.96	0.00	0.78	-40
B9_1	E9_1-1	C30	73.50	992.00	10.69	10.02	0.00	0.88	-40
B10_1	E10_1-1	C30	1007.50	992.00	3.16	3.13	0.00	1.12	-40
B12_1	E12_1-1	C30	73.50	732.00	9.77	7.88	0.00	0.37	-40
B13_1	E13_1-1	C30	364.99	732.00	7.86	7.09	0.00	1.36	-40
B15_1	E15_1-1	C30	1028.25	732.00	3.11	3.03	0.00	1.03	-40
B17_1	E17_1-1	C30	73.50	389.50	8.56	7.87	0.00	1.14	-40
B20_1	E20_1-1	C30	73.50	17.00	7.01	5.94	0.00	0.71	-40

B3=B4=B5=B8=B11=B15
B16=B18=B19=B1_1
B21=B22=B6_1=B7_1
B9_1=B10_1=B12_1
B13_1=B15_1=B17_1
B20_1 (1xC30)

B7=B10 (2xC30)



Legenda dos blocos

escala 1:25

SECRETARIA DE PLANEJAMENTO E GESTëO DE PROJETOS

AMPLIAć ëO E.M.E.F. DR. MARIO MENEGHETTI
END: AVENIDA QUATRO, 575 - BAIRRO GETÐLIO VARGAS
PROJETO ARQUITETÔNICO - AMPLIAć ëO

Prancha 01/10

PLANTA LOCAÇÃO FUNDAÇÕES - BLOCO 1

Escala INDICADA

EQUIPE TÉCNICA DA UGP
Engª. Civil Mirela Silveira de Faria - CREA RS 146401
Arq. Estela Azeredo - CAU RS A42815-9
Arq. Juliana Rotta da Cunha - CAU RS A65378-0

Data AGOSTO / 2017

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