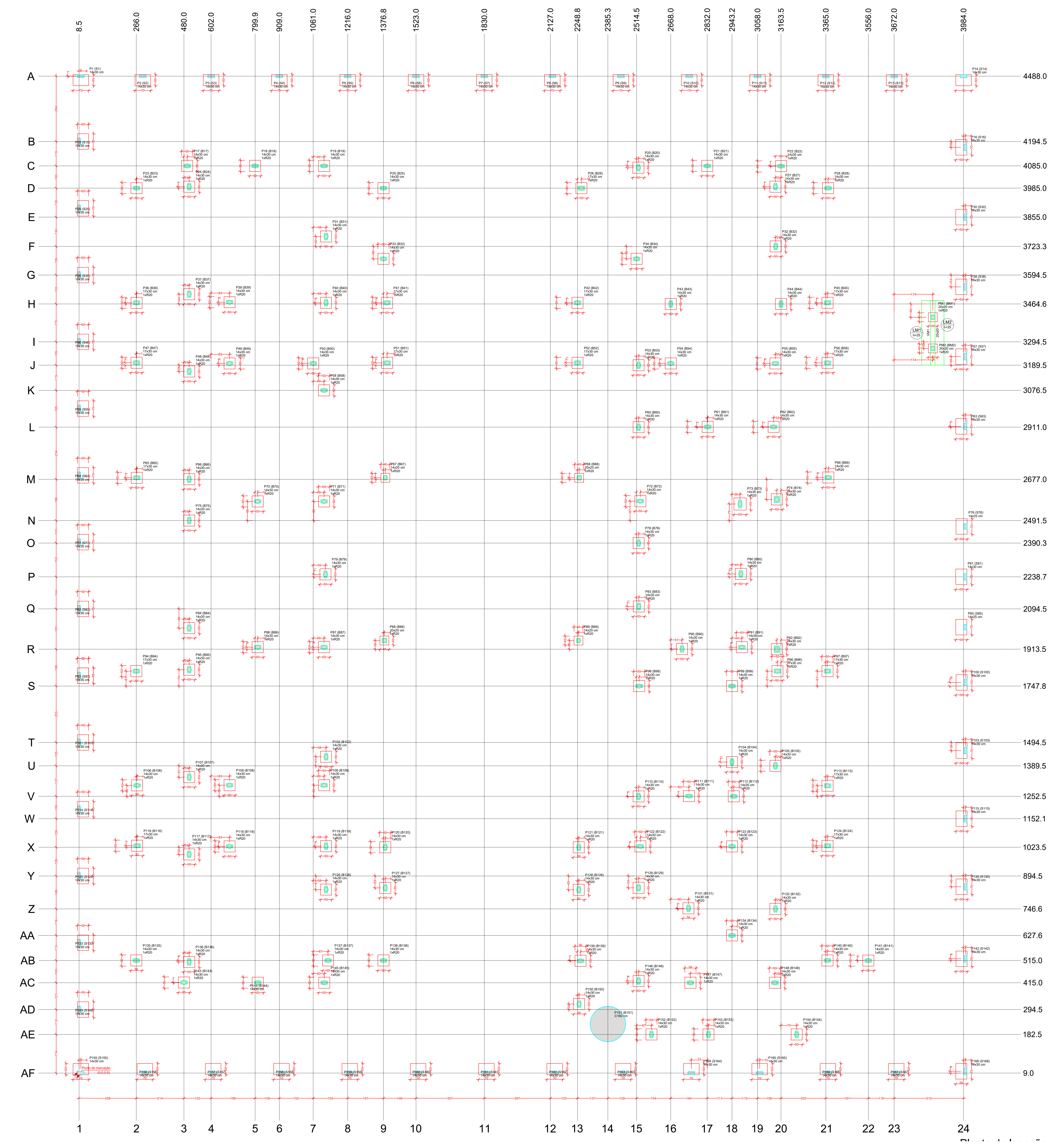

1 PLANTA DE LOCAÇÃO
1:75

Pilar															Fundação						Bloco		
Nome	Seção (cm)	X (cm)	Y (cm)	CAP (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Mx Máximo (kgf.m)		My Máximo (kgf.m)		Fx Máximo (tf)		Fy Máximo (tf)		Nome	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)	ne	Estaca	ca (cm)
							Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	Positivo	Negativo									
P17	14x30	494.7	4085.0	-	8.0	7.5	0	0	0	0	0.0	-1.0	0.5	0.0	B17	50	50	80	50	0	1	R20	-129
P18	14x30	799.9	4085.0	-	4.5	4.5	0	0	0	0	0.5	0.0	0.5	0.0	B18	50	50	80	50	0	1	R20	-129
P19	14x30	1109.7	4085.0	-	11.0	11.0	0	0	0	0	0.5	0.0	0.5	0.0	B19	50	50	80	50	0	1	R20	-129
P20	14x30	2522.5	4077.0	-	14.0	14.0	0	0	0	0	0.0	0.0	0.5	0.0	B20	50	50	80	50	0	1	R20	-129
P21	14x30	2832.0	4085.0	-	5.0	5.0	0	0	0	0	0.5	0.0	0.5	0.0	B21	50	50	80	50	0	1	R20	-129
P22	14x30	3163.5	4084.0	-	7.5	7.0	0	0	0	0	0.5	0.0	0.5	0.0	B22	50	50	80	50	0	1	R20	-129
P23	14x30	267.0	3985.0	-	9.5	9.0	0	0	0	0	0.0	-1.0	1.0	0.0	B23	50	50	80	50	0	1	R20	-129
P24	14x30	503.7	3991.5	-	10.5	10.5	0	0	0	0	0.5	0.0	1.0	0.0	B24	50	50	80	50	0	1	R20	-129
P25	14x30	1376.8	3985.0	-	7.0	7.0	0	0	0	0	0.5	0.0	0.5	0.0	B25	50	50	80	50	0	1	R20	-129
P26	17x30	2266.8	3985.0	-	10.0	10.0	0	0	0	0	0.0	-1.0	1.5	0.0	B26	50	50	80	50	0	1	R20	-129
P27	14x30	3138.5	3991.5	-	10.0	10.0	0	0	0	0	0.0	0.0	0.5	0.0	B27	50	50	80	50	0	1	R20	-129
P28	14x30	3375.0	3985.0	-	9.0	9.0	0	0	0	0	0.5	0.0	1.0	0.0	B28	50	50	80	50	0	1	R20	-129
P31	14x30	1118.7	3767.8	-	9.5	9.5	0	0	0	0	0.5	0.0	0.5	0.0	B31	50	50	80	50	0	1	R20	-129
P32	14x30	3139.4	3723.3	-	4.0	4.0	0	0	0	0	0.5	0.0	0.5	0.0	B32	50	50	80	50	0	1	R20	-129
P33	14x30	1376.8	3667.5	-	9.5	9.5	0	0	0	0	0.5	0.0	0.0	0.0	B33	50	50	80	50	0	1	R20	-129
P34	14x30	2514.5	3667.8	-	11.5	11.0	0	0	0	0	1.0	0.0	0.0	0.0	B34	50	50	80	50	0	1	R20	-129
P36	17x30	267.0	3470.0	-	12.5	12.5	0	0	0	0	0.0	0.0	0.0	-1.5	B36	50	50	80	50	0	1	R20	-129
P37	14x30	503.7	3508.5	-	13.0	13.0	0	0	0	0	0.5	0.0	0.0	0.0	B37	50	50	80	50	0	1	R20	-129
P39	14x30	685.0	3472.5	-	12.5	12.5	0	0	0	0	0.0	-0.5	0.5	0.0	B39	50	50	80	50	0	1	R20	-129
P40	14x30	1118.7	3470.0	-	18.0	17.5	0	0	0	0	0.5	0.0	0.5	0.0	B40	50	50	80	50	0	1	R20	-129
P41	17x30	1392.8	3470.0	-	8.5	8.0	0	0	0	0	0.5	0.0	0.5	0.0	B41	50	50	80	50	0	1	R20	-129
P42	17x30	2248.8	3470.0	-	14.0	14.0	0	0	0	0	0.0	-0.5	0.0	-1.0	B42	50	50	80	50	0	1	R20	-129
P43	14x30	2668.0	3464.6	-	16.5	16.5	0	0	0	0	0.0	0.0	0.5	0.0	B43	50	50	80	50	0	1	R20	-129
P44	14x30	3163.5	3464.6	-	18.5	18.0	0	0	0	0	1.0	0.0	1.0	0.0	B44	50	50	80	50	0	1	R20	-129
P45	17x30	3372.5	3470.0	-	10.5	10.5	0	0	0	0	0.5	0.0	0.0	-1.5	B45	50	50	80	50	0	1	R20	-129
P47	17x30	267.0	3200.5	-	12.0	12.0	0	0	0	0	0.0	-1.0	1.0	0.0	B47	50	50	80	50	0	1	R20	-129
P48	14x30	503.7	3161.5	-	14.5	14.5	0	0	0	0	0.5	0.0	0.5	0.0	B48	50	50	80	50	0	1	R20	-129
P49	14x30	685.0	3197.5	-	8.5	8.5	0	0	0	0	0.0	-1.0	0.0	0.0	B49	50	50	80	50	0	1	R20	-129
P50	14x30	1061.0	3197.5	-	12.5	12.5	0	0	0	0	0.5	0.0	0.5	0.0	B50	50	50	80	50	0	1	R20	-129
P51	17x30	1393.3	3200.0	-	10.5	10.0	0	0	0	0	0.5	0.0	0.0	0.0	B51	50	50	80	50	0	1	R20	-129
P52	17x30	2248.8	3200.0	-	9.5	9.5	0	0	0	0	0.0	0.0	0.0	0.0	B52	50	50	80	50	0	1	R20	-129
P53	14x30	2523.5	3189.5	-	7.0	7.0	0	0	0	0	0.5	0.0	0.5	0.0	B53	50	50	80	50	0	1	R20	-129
P54	14x30	2668.0	3197.5	-	11.5	11.5	0	0	0	0	0.0	-1.5	0.0	0.0	B54	50	50	80	50	0	1	R20	-129
P55	14x30	3138.5	3197.5	-	15.0	14.5	0	0	0	0	1.0	0.0	0.5	0.0	B55	50	50	80	50	0	1	R20	-129
P56	17x30	3372.5	3200.0	-	12.0	12.0	0	0	0	0	0.5	0.0	1.0	0.0	B56	50	50	80	50	0	1	R20	-129
P58	14x30	1109.7	3076.5	-	11.0	10.5	0	0	0	0	0.5	0.0	1.0	0.0	B58	50	50	80	50	0	1	R20	-129
P60	14x30	2523.5	2911.0	-	10.5	10.5	0	0	0	0	0.0	0.0	0.5	0.0	B60	50	50	80	50	0	1	R20	-129
P61	14x30	2834.0	2912.5	-	8.5	8.5	0	0	0	0	0.5	0.0	0.5	0.0	B61	50	50	80	50	0	1	R20	-129
P62	14x30	3130.5	2912.5	-	11.0	11.0	0	0	0	0	0.5	0.0	0.5	0.0	B62	50	50	80	50	0	1	R20	-129
P65	17x30	268.0	2683.5	-	10.0	10.0	0	0	0	0	0.0	-1.0	0.0	-1.5	B65	50	50	80	50	0	1	R20	-129
P66	14x30	503.7	2677.0	-	14.5	14.0	0	0	0	0	0.5	0.0	0.0	-0.5	B66	50	50	80	50	0	1	R20	-129
P67	14x20	1385.3	2683.5	-	7.5	7.5	0	0	0	0	0.5	0.0	0.5	0.0	B67	40	40	80	50	0	1	R20	-129
P68	20x20	2256.5	2683.5	-	7.5	7.5	0	0	0	0	0.5	0.0	0.5	0.0	B68	40	40	80	50	0	1	R20	-99
P69	14x30	3376.0	2685.0	-	9.5	9.5	0	0	0	0	0.5	0.0	0.0	-1.5	B69	50	50	80	50	0	1	R20	-129
P70	14x30	811.4	2577.5	-	6.5	6.5	0	0	0	0	0.5	0.0	0.5	0.0	B70	50	50	80	50	0	1	R20	-129
P71	14x30	1109.7	2577.5	-	20.0	20.0	0	0	0	0	0.0	0.0	0.0	-1.0	B71	50	50	80	50	0	1	R20	-129
P72	14x30	2531.5	2578.5	-	11.5	11.0	0	0	0	0	0.0	-0.5	0.0	0.0	B72	50	50	80	50	0	1	R20	-129
P73	14x35	2979.5	2566.0	-	10.5	10.5	0	0	0	0	0.5	0.0	0.5	0.0	B73	55	55	80	55	0	1	R20	-134
P74	24x30	3145.0	2586.5	-	10.5	10.0	0	0	0	0	0.5	0.0	0.0	-0.5	B74	50	50	80	50	0	1	R20	-129
P75	14x30	503.7	2491.5	-	11.0	10.5	0	0	0	0	0.5	0.0	1.0	0.0	B75	50	50	80	50	0	1	R20	-129
P78	14x30	2523.5	2390.3	-	6.5	6.5	0	0	0	0	0.0	0.0	0.5	0.0	B78	50	50	80	50	0	1	R20	-129
P79	14x30	1116.0	2250.0	-	4.5	4.5	0	0	0	0	0.0	0.0	0.0	0.0	B79	50	50	80	50	0	1	R20	-129
P80	14x30	2983.0	2251.8	-	4.5	4.5	0	0	0	0	0.5	0.0	0.5	0.0	B80	50	50	80	50	0	1	R20	-129
P83	14x30	2524.5	2105.5	-	12.0	12.0	0	0	0	0	0.0	0.0	1.0	0.0	B83	50	50	80	50	0	1	R20	-129
P84	14x30	503.7	2008.5	-	11.0	10.5	0	0	0	0	0.5	0.0	0.0	-0.5	B84	50	50	80	50	0	1	R20	-129
P86	14x30	811.4	1922.5	-	6.5	6.5	0	0	0	0	0.5	0.0	0.5	0.0	B86	50	50	80	50	0	1	R20	-129
P87	14x30	1109.7	1922.5	-	17.5	17.5	0	0	0	0	0.5	0.0	0.5	0.0	B87	50	50	80	50	0	1	R20	-129
P88	20x20	1380.8	1952.5	-	10.5	10.0	0	0	0	0	0.5	0.0	0.5	0.0	B88	40	40	80	50	0	1	R20	-129
P89	14x20	2253.5	1952.5	-	10.0	10.0	0	0	0	0	0.0	0.0	0.5	0.0	B89	40	40	80	50	0	1	R20	-99
P90	14x30	2718.8	1914.5	-	5.5	5.5	0	0	0	0	0.5	0.0	0.5	0.0	B90	50	50	80	50	0	1	R20	-129
P91	14x30	2987.5	1922.5	-	6.5	6.5	0	0	0	0	0.5	0.0	0.0	0.0	B91	50	50	80	50	0	1	R20	-129
P92	24x30	3145.0	1913.5	-	6.5	6.0	0	0	0	0	0.5	0.0	0.5	0.0	B92	50	50	80	50	0	1	R20	-129
P94	17x30	266.0	1815.0	-	10.0	10.0	0	0	0	0	0.0	-1.0	1.0	0.0	B94	50	50	80	50	0	1	R20	-129
P95	14x30	503.7	1821.5	-	14.5	14.0	0	0	0	0	0.5	0.0	1.0	0.0	B95	50	50	80	50	0	1	R20	-129
P96	17x30	3147.5	1815.0	-	10.0	9.5	0	0	0	0	0.0	0.0	0.5	0.0	B96	50	50	80	50	0	1	R20	-129
P97	17x30	3372.5	1815.0	-	9.0	9.0	0	0	0	0	0.5	0.0	1.0	0.0	B97	50	50	80	50	0	1	R20	-129
P98	14x30	2526.0	1747.8	-	20.0	20.0	0	0	0	0	0.0	-1.0	0.5	0.0	B98	50	50	80	50	0	1	R20	-129
P99	14x30	2943.2	1747.8	-	13.5	13.5	0	0	0	0	0.5	0.0	0.5	0.0	B99	50	50	80	50	0	1	R20	-129
P102	14x30	1118.7	1430.5	-	10.5	10.5	0	0	0	0	0.5	0.0	0.0	-1.5	B102	50	50	80	50	0	1	R20	-129
P104	14x30	2943.2	1406.5	-	7.5	7.0	0	0	0	0	0.5	0.0	0.0	-1.0	B104	50	50	80	50	0	1	R20	-129
P105	14x30	3138.5	1389.5	-	15.5	15.0	0	0	0	0	0.5	0.0	1.0	0.0	B105	50	50	80	50	0	1	R20	-129
P106	14x30	269.5	1301.5	-	12.5	12.0	0	0	0	0	0.0	-1.0	0.0	-0.5	B106	50	50	80	50	0	1	R20	-129
P107	14x30	503.7	1338.5	-	14.0	14.0	0	0	0	0	0.5	0.0	0.0	0.0	B107	50	50	80	50	0	1	R20	-129
P108	14x30	685.0	1302.5	-	9.5	9.5	0	0	0	0	0.0	-1.5	0.5	0.0	B108	50	50	80	50	0	1	R20	-129
P109	14x30	1109.7	1302.5	-	10.5	10.5	0	0	0	0	1.5	0.0	0.5	0.0	B109	50	50	80	50	0	1	R20	-129
P110	14x30	2523.5	1252.1	-	12.0	12.0	0	0	0	0	0.0	0.0	0.0	-0.5	B110	50	50	80	50	0	1	R20	-129
P111	14x30	2749.7	1253.5	-	2.5	2.5	0	0	0	0	0.5	0.0	0.0	0.0	B111	50	50	80	50	0	1	R20	-129
P112	14x30	2951.2	1252.5	-	6.0	6.0	0	0	0	0	0.0	-0.5	0.5	0.0	B112	50	50	80	50	0	1	R20	-129
P113	17x30	3372.5	1300.1	-	11.5	11.5	0	0	0	0	0.5	0.0	0.0	-1.5	B113	50	50	80	50	0	1	R20	-129
P116	17x30	269.5	1030.5	-	13.0	12.5	0	0	0	0	0.0	-1.0	1.0	0.0	B116	50	50	80	50	0	1	R20	-129
P117	14x30	503.6	991.5	-	13.0	12.5	0	0	0	0	0.5	0.0	0.5	0.0	B117	50	50	80	50	0	1	R20	-129
P118	14x30	685.0	1027.5	-	12.0	12.0	0	0	0	0	0.0	-1.5	0.0	0.0	B118	50	50	80	50	0	1	R20	-129
P119	14x30	1118.7	1028.5	-	13.5	13.5	0	0	0	0	1.0	0.0	0.0	-1.0	B119	50	50	80	50	0	1	R20	-129
P120	14x30	1384.8	1023.5	-	10.0	10.0	0	0	0	0	0.5	0.0	0.5	0.0	B120	50	50	80	50	0	1	R20	-129
P121	14x30	2254.5	1023.5	-	11.5	11.0	0	0	0	0	0.0	0.0	0.5	0.0	B121	50	50	80	50	0	1	R20	-129
P122	14x30	2531.5	1027.5	-	11.5	11.5	0	0	0	0	0.5	0.0	0.0	0.0	B122	50	50	80	50	0	1	R20	-129
P123	14x30	2943.2	1027.5	-	13.0	12.5	0	0	0	0	0.0	-1.0	0.0	0.0	B123	50	50	80	50	0	1	R20	-129
P124	17x30	3372.5	1030.1	-	12.0	12.0	0	0	0	0	0.5	0.0	1.0	0.0	B124	50	50	80	50	0	1	R20	-129
P126	14x30	1118.7	833.5	-	8.0	8.0	0	0	0	0	0.0	0.0	0.5	0.0	B126	50	50	80	50	0	1	R20	-129
P127	14x30	1384.8	841.1	-	7.5	7.0	0	0	0	0	0.5	0.0	0.5	0.0	B127	50	50	80	50	0	1	R20	-129
P128	14x30	2254.5	832.5	-	7.5	7.0	0	0	0	0	0.0	0.0	0.5	-1.0	B128	50	50	80	50	0	1	R20	-129
P129	14x30	2523.5	841.5	-	12.0	11.5	0	0	0	0	0.5	0.0	1.0	0.0	B129	50	50	80	50	0	1	R20	-129
P131	14x30	2747.5	749.1	-	9.0	9.0	0	0	0	0	0.5	0.0	0.5	0.0	B131	50	50	80	50	0	1	R20	-129
P132	14x30	3138.5	746.6	-	13.5	13.0	0	0	0	0	0.5	0.0	0.0	-0.5	B132	50	50	80	50	0	1	R20	-129
P134	14x30	2943.4	627.6	-	8.5	8.5	0	0	0	0	0.5	0.0	0.5	0.0	B134	50	50	80	50	0	1	R20	-129
P135	14x30	266.0	515.0	-	9.0	9.0	0	0	0	0	0.0	-1.0	0.0	-1.5	B135	50	50	80	50	0	1	R20	-129
P136	14x30	503.6	508.5	-	11.0	10.5	0	0	0	0	0.5	0.0	0.0	-0.5	B136	50	50	80	50	0	1	R20	-129
P137	14x30	1127.7	515.0	-	8.0	8.0	0	0	0	0	0.0	0.0	0.0	0.0	B137	50	50	80	50	0	1	R20	-129
P138	14x30	1376.8	515.0	-	6.5	6.5	0	0	0	0	0.5	0.0	0.0	-1.0	B138	50	50	80	50	0	1	R20	-129
P139	14x30	2262.5	513.5	-	8.5	8.0	0	0	0	0	0.0	-1.0	0.0	-1.0	B139	50	50	80	50	0	1	R20	-129
P140	14x30	3372.5	515.0	-	10.5	10.5	0	0	0	0	1.0	0.0	0.0	-1.5	B140	50	50	80	50	0	1	R20	-129
P141	14x30	3556.0	514.5	-	2.5	2.5	0	0	0	0	0.0	-1.0	0.0	0.0	B141	50	50	80	50	0	1	R20	-129
P143	14x30	480.0	416.0	-	7.5	7.0	0	0	0	0	0.0	-1.0	0.0	0.0	B143	50	50	80	50	0	1	R20	-129
P144	14x30	811.8	415.0	-	5.0	5.0	0	0	0	0	0.5	0.0	0.0	0.0	B144	50	50	80	45	0	1	R20	-124
P145	14x30	1110.7	415.0	-	7.0	7.0	0	0	0	0	0.5	0.0	0.5	0.0	B145	50	50	80	50	0	1	R20	-129
P146	14x30	2523.5	423.0	-	9.5	9.5	0	0	0	0	0.0	0.0	0.0	-1.5	B146	50	50	80	50	0	1	R20	-129
P147	14x30	2756.5	415.0	-	11.5	11.5	0	0	0	0	0.0	-1.0	0.0	-1.0	B147	50	50	80	50	0	1	R20	-129
P148	14x30	3136.0	415.0	-	11.5	11.0	0	0	0	0	1.0	0.0	0.0	-1.0	B148	50	50	80	50	0	1	R20	-129
P150	14x30	2256.0	319.0	-	3.5	3.0	0	0	0	0	0.0	0.0	0.5	0.0	B150	50	50	80	50	0	1	R20	-129
P151	C160	2385.3	229.4	-	126.0	125.5	0	0	0	0	0.5	-1.0	0.5	-1.0	B151	180	180	40	205	0	4	R20	-244
P152	14x30	2581.5	182.5	-	1.5	1.5	0	0	0	0	0.5	0.0	0.0	0.0	B152	50	50	80	50	0	1	R20	-129
P153	14x30	2837.5	182.5	-	3.5	2.5	0	0	0	0	0.5	0.0	0.0	-1.0	B153	50	50	80	50	0	1	R20	-129
P154	14x30	3234.0	182.5	-	2.5	2.0	0	0	0	0	0.5	0.0	0.0	-1.0	B154	50	50	80	50	0	1	R20	-129
P1	14x30	16.5	4488.5	-	2.5	2.5	0	0	0	0	0.0	0.0	0.5	0.0	S1	50	70	30	30	89			
P2	14x30	295.0	4488.5	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S2	50	70	30	30	89			
P3	14x30	602.0	4488.4	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S3	50	70	30	30	89			
P4	14x30	909.0	4488.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S4	50	70	30	30	89			
P5	14x30	1216.0	4488.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S5	50	70	30	30	89			
P6	14x30	1523.0	4488.3	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S6	50	70	30	30	89			
P7	14x30	1830.0	4488.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S7	50	70	30	30	89			
P8	14x30	2136.0	4488.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S8	50	70	30	30	89			
P9	14x30	2444.0	4488.2	-	3.5	3.5	400	0	0	0	0.0	0.0	0.0	-1.0	S9	50	70	30	30	89			
P10	14x30	2751.0	4488.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S10	50	70	30	30	89			
P11	14x30	3058.0	4488.1	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S11	50	70	30	30	89			
P12	14x30	3365.0	4488.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S12	50	70	30	30	89			
P13	14x30	3672.0	4488.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S13	50	70	30	30	89			
P14	14x30	3984.0	4488.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S14	50	70	30	30	89			
P15	14x30	8.5	4194.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S15	50	70	30	30	89			
P16	14x30	3992.0	4168.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S16	50	70	30	30	89			
P29	14x30	8.5	3894.5	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S29	50	70	30	30	89			
P30	14x30	3992.0	3855.0	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S30	50	70	30	30	89			
P35	14x30	8.5	3594.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S35	50	70	30	30	89			
P38	14x30	3992.0	3541.5	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S38	50	70	30	30	89			
P46	14x30	8.5	3294.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S46	50	70	30	30	89			
P57	14x30	3992.0	3228.0	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S57	50	70	30	30	89			
P59	14x30	8.5	2994.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S59	50	70	30	30	89			
P63	14x30	3992.0	2914.5	-	3.5	3.0	0	0	0	-500	0.0	0.0	0.5	0.0	S63	50	70	30	30	89			
P64	14x30	8.5	2694.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S64	50	70	30	30	89			
P76	14x25	3993.0	2464.8	-	3.0	3.0	0	0	0	0	0.5	0.0	0.0	0.0	S76	50	70	30	30	89			
P77	14x30	8.5	2394.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S77	50	70	30	30	89			
P81	14x30	3992.0	2238.7	-	2.0	2.0	0	0	0	0	0.5	0.0	0.5	0.0	S81	50	70	30	30	89			
P82	14x30	8.5	2094.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S82	50	70	30	30	89			
P85	14x25	3992.0	2012.6	-	2.0	2.0	0	0	0	0	0.5	0.0	0.5	0.0	S85	50	70	30	30	89			
P93	14x30	8.5	1794.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S93	50	70	30	30	89			
P100	14x30	3993.0	1764.1	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S100	50	70	30	30	89			
P101	14x30	8.5	1494.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S101	50	70	30	30	89			
P103	14x30	3993.0	1458.1	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S103	50	70	30	30	89			
P114	14x30	8.5	1194.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S114	50	70	30	30	89			
P115	14x30	3993.0	1152.1	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S115	50	70	30	30	89			
P125	14x30	8.5	894.5	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S125	50	70	30	30	89			
P130	14x30	3993.0	846.1	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S130	50	70	30	30	89			
P133	14x30	8.5	594.5	-	2.5	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S133	50	70	30	30	89			
P142	14x30	3993.0	522.5	-	5.0	5.0	0	0	0	-500	0.0	-1.0	0.5	0.0	S142	50	70	30	30	89			
P149	14x30	8.5	294.5	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S149	50	70	30	30	89			
P155	14x30	16.5	9.0	-	2.5	2.5	0	0	0	0	0.0	0.0	0.0	0.0	S155	50	70	30	30	89			
P156	14x30	304.5	9.0	-	3.0	2.5	0	0	0	0	0.5	0.0	0.5	0.0	S156	50	70	30	30	89			
P157	14x30	611.5	9.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S157	50	70	30	30	89			
P158	14x30	918.5	9.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S158	50	70	30	30	89			
P159	14x30	1225.5	9.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S159	50	70	30	30	89			
P160	14x30	1532.5	9.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.5	0.0	S160	50	70	30	30	89			
P161	14x30	1839.5	9.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.0	0.0	S161	50	70	30	30	89			
P162	14x30	2146.5	9.0	-	3.5	3.0	0	-300	0	0	0.5	0.0	0.5	0.0	S162	50	70	30	30	89			
P163	14x30	2453.5	9.0	-	3.5	3.5	0	-500	0	0	0.5	0.0	0.5	0.0	S163	50	70	30	30	89			
P164	14x30	2760.5	9.0	-	5.0	4.0	0	-600	0	0	0.5	0.0	0.5	0.0	S164	50	70	30	30	89			
P165	14x30	3067.5	9.0	-	5.0	4.5	0	-600	0	0	0.5	0.0	0.5	0.0	S165	50	70	30	30	89			
P166	14x30	3374.5	9.0	-	3.5	3.5	0	-500	0	0	0.5	0.0	0.5	0.0	S166	50	70	30	30	89			
P167	14x30	3681.5	9.0	-	3.0	3.0	0	0	0	0	0.5	0.0	0.0	0.0	S167	50	70	30	30	89			
P168	14x30	3992.0	17.0	-	3.5	3.5	0	0	0	-500	0.0	-1.0	0.0	-1.5	S168	50	70	30	30	89			
PM1	20x20	3845.8	3405.0	-	1.0	1.0	0	0	0	0	0.5	0.0	0.5	0.0	BM1	40	40	40	50	0	1	R20	-89
PM2	20x20	3845.8	3265.0	-	1.0	1.0	0	0	0	0	0.5	0.0	0.5	0.0	BM2	40	40	40	50	0	1	R20	-89

Os esforços indicados nesta tabela são os valores máximos obtidos pela envoltória 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.

Estacas		
Nome	d (cm)	Quantidade
R20	20.00	115
R50	50.00	4

Sapatas		
Nome	d (cm)	Quantidade
S	NA	55

N°	DATA	DESCRIÇÃO
03	JANEIRO/2025	Revisão geral da disciplina conforme a atualização da arquitetura. Redimensionamento dos elementos estruturais e acréscimo de elementos para adequação da arquitetura. Atendimento a NBR 6118/2014 e NBR 6122/2019.
02	JANEIRO/ 2017	Atendimento à NBR 9050/ 2015; Alteração: quadro de áreas, sanitários infantis 1 e 2, altura da platibanda, mobiliário e equipamento, altura da cerâmica nos sanitários, cor dos portões dos solários e altura da porta PA4; Acréscimo das duchas higiênicas e escaninhos pré-escola. Retirada da chapa de aço abaixo da platibanda.
01	AGOSTO/ 2016	Alteração paredes - shaft para tubulação hidráulica e detalhamento; alteração da altura da platibanda; Correção: Blocos: B34, B36; Sapatas: S34, S36; Pilares: P33, P45, P57; Vigas nível 310: V22, V56, V75; Supressão: Viga nível 310: V72.

CONTROLE DE REVISÕES

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EDUCAÇÃO

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ENDEREÇO: RUA ALCEDINA, Nº450 - JATOBÁ

MUNICÍPIO - UF: IBIRITÉ/MG

PROPRIETÁRIO:

RESP. TÉCNICO: CAU / CREA

AUTOR DO PROJETO: CAU / CREA

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OBSERVAÇÕES:

CRECHE PRÉ-ESCOLA TIPO 2
PROJETO DE ESTRUTURA DE CONCRETO

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ESTRUTURA DE CONCRETO
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REVISÃO
R.00 R.03
R.01
R.02

ESCALA
1:75

DATA EMISSÃO
JAN/2025

PRANCHA
01/16

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