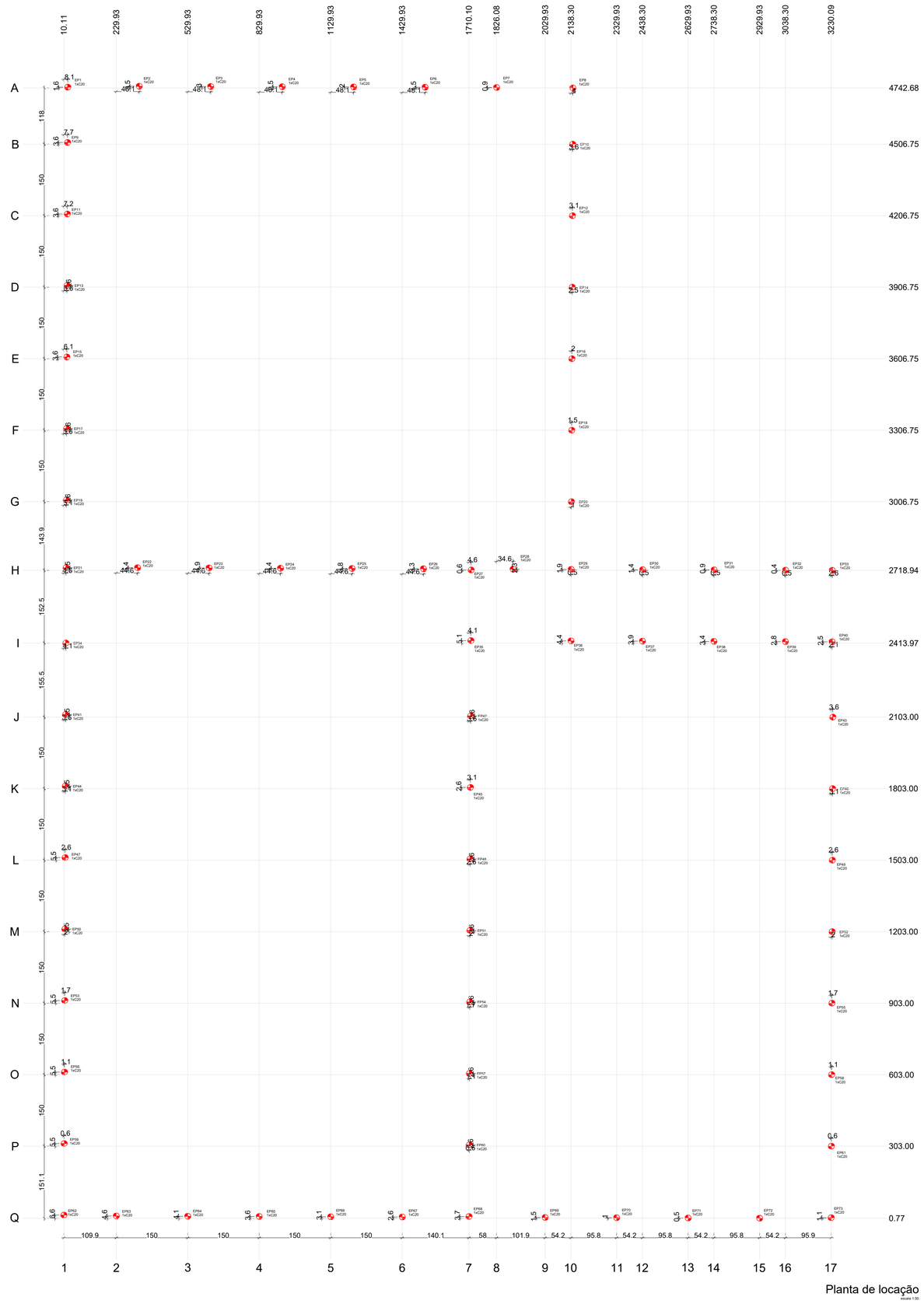


Planta de locação

escala 1:50

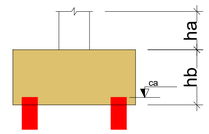
Pilar														Fundação				Bloco			
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Max. (tf)	Carga Mín. (tf)	Mx Máximo (kgf.m) Positivo	Mx Máximo (kgf.m) Negativo	My Máximo (kgf.m) Positivo	My Máximo (kgf.m) Negativo	Fx Máximo (tf) Positivo	Fx Máximo (tf) Negativo	Fy Máximo (tf) Positivo	Fy Máximo (tf) Negativo	Lado B (cm)	Lado H1 / h2 (cm)	h1 / hb (cm)	ne	Estaca	ca (cm)	Base tub. (cm)
P1	-	26.24	4745.94	0.8	0.5	100	0	100	0	0.1	-0.2	0.1	0.0	-	-	-	5	C20	0	
P2	-	326.08	4749.67	0.8	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P3	-	626.08	4748.55	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P4	-	926.08	4747.62	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P5	-	1226.08	4746.50	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P6	-	1526.08	4745.56	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P7	-	1826.08	4744.56	0.8	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P8	-	2146.32	4742.68	0.7	0.5	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P9	-	25.44	4513.97	0.7	0.5	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P10	-	2145.43	4506.75	0.7	0.5	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P11	-	24.42	4213.97	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P12	-	2144.41	4206.75	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P13	-	23.40	3913.97	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P14	-	2143.38	3906.75	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P15	-	22.37	3613.97	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P16	-	2142.36	3606.75	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P17	-	21.35	3313.97	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P18	-	2141.34	3306.75	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P19	-	20.33	3013.97	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P20	-	2140.32	3006.75	0.7	0.6	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P21	-	19.36	2729.50	0.8	0.5	0	0	0	0	0.1	-0.2	0.1	0.0	-	-	-	5	C20	0	
P22	-	319.20	2729.68	0.8	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P23	-	619.20	2728.66	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P24	-	919.20	2727.64	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P25	-	1219.20	2726.61	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P26	-	1519.20	2725.59	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P27	-	1719.24	2720.16	0.7	0.6	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P28	-	1895.30	2723.56	0.6	0.4	100	0	0	0	0.0	0.0	0.1	0.0	-	-	-	5	C20	0	
P29	-	2139.32	2722.73	0.9	0.7	100	0	100	0	0.1	0.0	0.1	-0.2	-	-	-	5	C20	0	
P30	-	2439.32	2721.70	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P31	-	2739.32	2720.68	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P32	-	3039.32	2719.66	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P33	-	3230.28	2715.94	0.6	0.4	0	0	100	0	0.0	0.0	0.1	0.0	-	-	-	5	C20	0	
P34	-	18.29	2413.97	0.8	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P35	-	1718.27	2424.09	1	0.3	100	0	100	-200	0.0	-0.3	0.0	0.0	-	-	-	5	C20	0	
P36	-	2138.30	2422.73	0.9	0.7	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P37	-	2438.30	2421.71	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P38	-	2738.30	2420.68	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P39	-	3038.30	2419.66	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P40	-	3234.26	2418.95	0.9	0.7	100	0	100	0	0.1	0.0	0.0	0.0	-	-	-	5	C20	0	
P41	-	17.26	2113.97	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P42	-	1717.25	2108.18	0.7	0.6	100	0	100	0	0.1	0.0	0.0	0.0	-	-	-	5	C20	0	
P43	-	3237.24	2103.00	0.7	0.6	100	0	0	0	0.0	0.0	0.1	0.0	-	-	-	5	C20	0	
P44	-	16.24	1813.97	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P45	-	1716.23	1808.18	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P46	-	3236.22	1803.00	0.7	0.6	100	0	0	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P47	-	15.22	1513.97	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P48	-	1715.21	1508.18	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P49	-	3235.20	1503.00	0.7	0.6	100	0	0	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P50	-	14.20	1213.97	0.7	0.6	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P51	-	1714.19	1208.18	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P52	-	3234.18	1203.00	0.7	0.6	100	0	0	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P53	-	13.49	913.97	0.7	0.6	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P54	-	1713.48	908.18	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P55	-	3233.47	903.00	0.7	0.6	100	0	0	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P56	-	12.39	613.97	0.7	0.5	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P57	-	1712.38	608.18	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P58	-	3232.37	603.00	0.7	0.5	100	0	0	0	0.1	0.0	0.0	-0.2	-	-	-	5	C20	0	
P59	-	11.29	313.97	0.8	0.6	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P60	-	1711.28	308.18	0.8	0.6	0	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P61	-	3231.27	303.00	0.8	0.6	0	0	0	0	0.0	0.0	0.1	0.0	-	-	-	5	C20	0	
P62	-	10.11	13.97	0.6	0.4	100	0	0	0	0.0	0.0	0.0	-0.2	-	-	-	5	C20	0	
P63	-	229.93	9.97	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P64	-	529.93	8.95	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P65	-	829.93	7.92	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P66	-	1129.93	6.90	0.7	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P67	-	1429.93	5.88	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P68	-	1710.10	8.18	0.9	0.8	100	0	0	0	0.0	0.0	0.0	-0.2	-	-	-	5	C20	0	
P69	-	2029.93	3.83	0.8	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P70	-	2329.93	2.81	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P71	-	2629.93	1.79	0.7	0.5	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P72	-	2929.93	0.77	0.8	0.6	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	5	C20	0	
P73	-	3230.09	3.00	0.7	0.5	100	0	100	0	0.1	0.0	0.1	-0.2	-	-	-	5	C20	0	

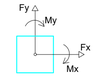
Os esforços indicados nesta tabela são os valores máximos obtidos pela envoltória de todas as combinações definidas para as fundações. Para análises complementares, deve-se consultar o relatório de esforços na fundação, que apresenta os valores calculados para cada combinação.

Locação no eixo X	
Coordenadas (cm)	Nome
10.11	P62
11.29	P59
12.39	P56
13.49	P53
14.20	P50
15.22	P47
16.24	P44
17.26	P41
18.29	P34
19.36	P21
20.33	P19
21.35	P17
22.37	P15
23.40	P13
24.42	P11
25.44	P9
26.24	P1
229.93	P63
319.20	P22
326.08	P2
529.93	P64
619.20	P23
626.08	P3
829.93	P65
919.20	P24
926.08	P4
1129.93	P66
1219.20	P25
1226.08	P5
1429.93	P67
1519.20	P26
1526.08	P6
1710.10	P68
1711.28	P60
1712.38	P57
1713.48	P54
1714.19	P51
1715.21	P48
1716.23	P45
1717.25	P42
1718.27	P39
1719.26	P27
1826.08	P7
1895.30	P28
2029.93	P69
2138.30	P36
2139.32	P29
2140.32	P20
2141.34	P18
2142.36	P16
2143.38	P14
2144.41	P12
2145.43	P10
2146.32	P8
2329.93	P70
2438.30	P37
2439.32	P30
2629.93	P71
2738.30	P38
2739.32	P31
2929.93	P72
3038.30	P39
3039.32	P32
3230.09	P73
3231.27	P61
3232.37	P58
3233.47	P55
3234.18	P52
3234.26	P40
3235.20	P49
3236.22	P46
3237.24	P43

Locação no eixo Y	
Coordenadas (cm)	Nome
4749.67	P2
4748.55	P3
4747.62	P4
4746.60	P5
4745.94	P1
4745.56	P6
4744.56	P7
4742.68	P8
4513.97	P9
4506.75	P10
4213.97	P11
4206.71	P12
3913.97	P13
3906.75	P14
3613.97	P15
3606.75	P16
3313.97	P17
3306.75	P18
3013.97	P19
3006.75	P20
2729.50	P21
2729.68	P22
2728.66	P23
2727.64	P24
2726.61	P25
2725.59	P26
2723.56	P28
2722.73	P29
2721.70	P30
2720.68	P31
2720.16	P27
2719.66	P32
2718.94	P33
2424.09	P35
2422.73	P36
2421.71	P37
2420.68	P38
2419.66	P39
2418.95	P40
2413.97	P34
2113.97	P41
2108.18	P42
2103.00	P43
1813.97	P44
1808.18	P45
1803.00	P46
1513.97	P47
1508.18	P48
1503.00	P49
1213.97	P50
1208.18	P51
1203.00	P52
913.97	P53
908.18	P54
903.00	P55
613.97	P56
608.18	P57
603.00	P58
313.97	P59
308.18	P60
303.00	P61
13.97	P62
9.97	P63
8.95	P64
8.18	P68
7.92	P65
6.90	P66
5.88	P67
3.83	P69
3.00	P73
2.81	P70
1.79	P71
0.77	P72

Estacas				
Simbologia	Nome	d (cm)	Quantidade	Profundidade
	C20	20.00	75	150 cm





Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	25x25	0	0
V2	25x25	0	0
V3	25x25	0	0
V4	25x25	0	0
V5	25x25	0	0
V6	25x25	0	0
V7	25x25	0	0
V8	25x25	0	0

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	241500

Legenda das vigas e paredes
Viga

PROJETO ESTRUTURAL

1/4 FOLHA

AMPLIAÇÃO DE COMPLEXO ESPORTIVO

PROJETO PARA:

PREFEITURA MUNICIPAL DE ITAÍ

PROPRIETÁRIO

RUA AMAURI MANOEL DE ALMEIDA, S/N, ÁREA VERDE 02, CONJUNTO HABITACIONAL "ITAÍ D". ITAÍ/SP

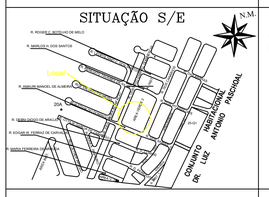
IDENTIFICAÇÃO DO LOTE:

TIPO DE PAVIMENTO: ASFALTO

ÁGUA: SIM

ESGOTO SANITÁTIO: SIM

SITUAÇÃO S/E



JOSE RAMIRO ANTUNES DO PRADO:31798938855

Assinado de forma digital por JOSE RAMIRO ANTUNES DO PRADO:31798938855
Dados: 2022.09.15 16:33:51 -03'00'

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ITAÍ
PREFEITO JOSÉ RAMIRO ANTUNES DO PRADO

FELIPE MIOTO MENDES:40737483865

Assinado de forma digital por FELIPE MIOTO MENDES:40737483865
Dados: 2022.08.30 16:11:39 -03'00'

AUTOR DO PROJETO E RESPONSÁVEL TÉCNICO:
ENG. CIVIL FELIPE MIOTO MENDES
CREA/SP Nº 5065949422

ÁREAS

DO TERRENO.....9.678,78 m2
DA IMPLANTAÇÃO.....2.683,99 m2
LIVRE.....6.994,79 m2

A.R.T Nº