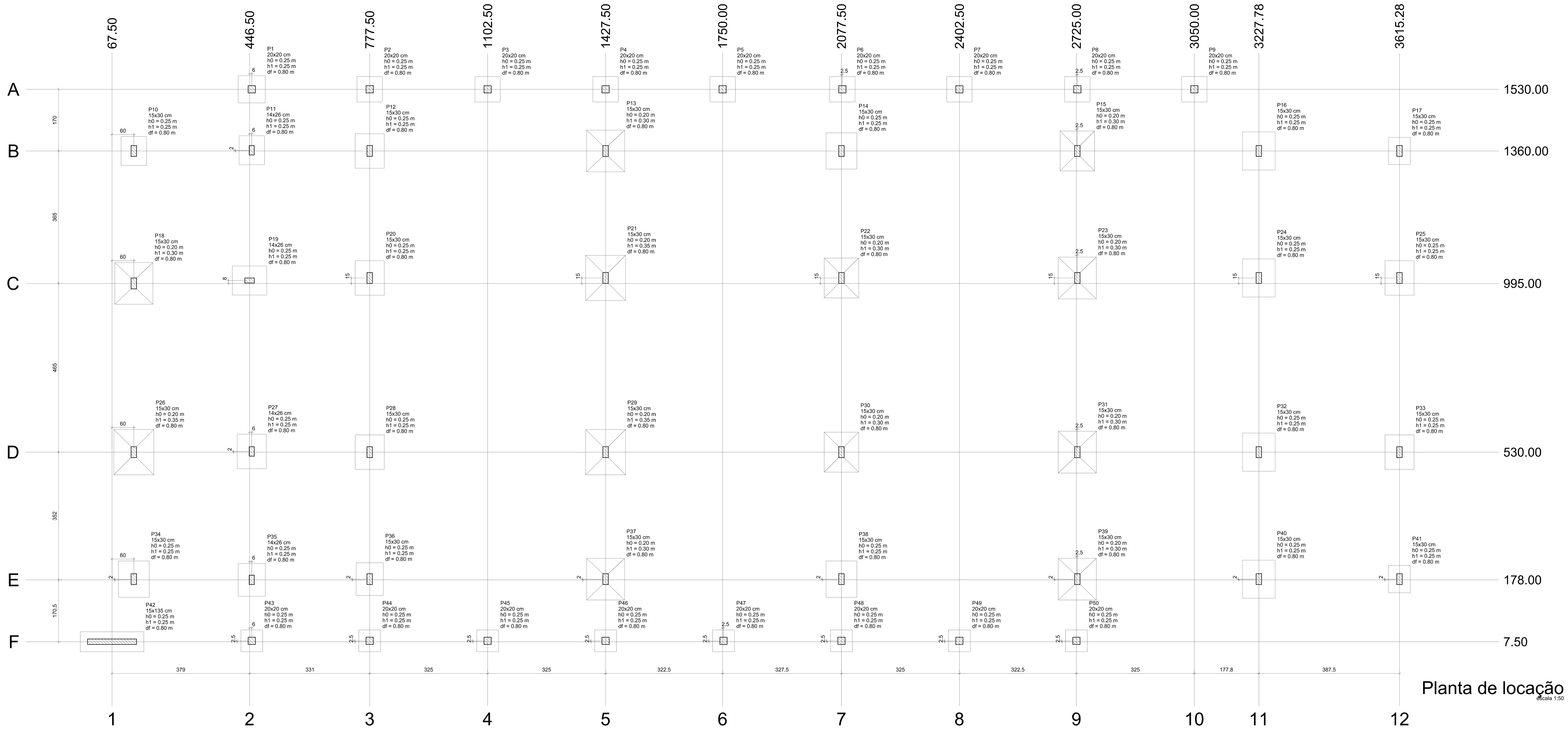
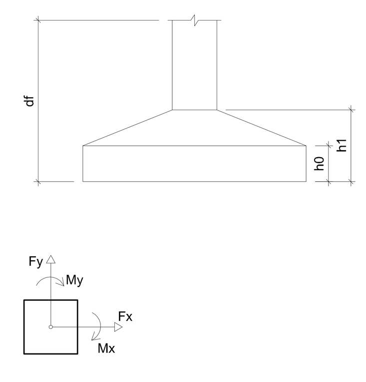


Planta de locação
escala 1:50

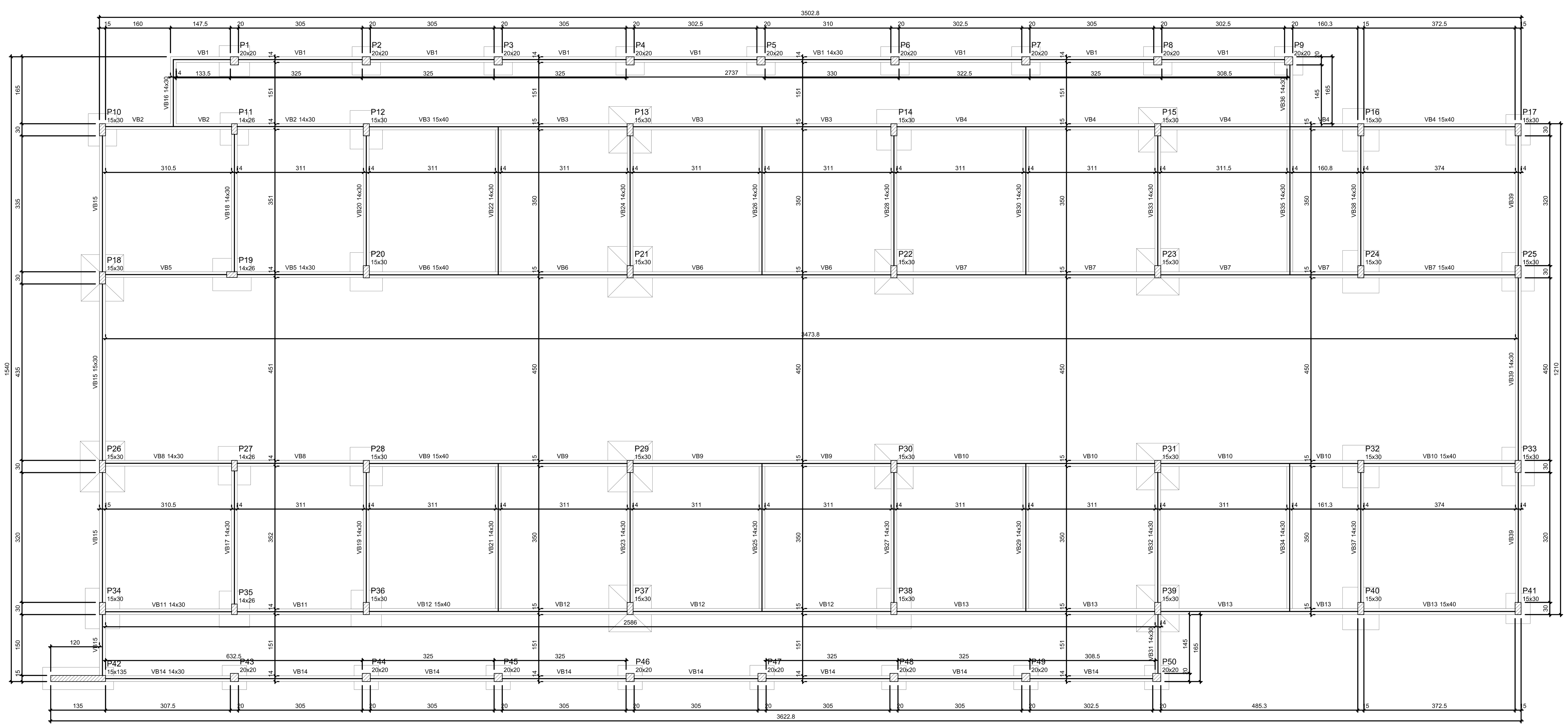
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (kN)	Carga Mín. (kN)	Mx Máximo (kN.m) Positivo	Mx Máximo (kN.m) Negativo	My Máximo (kN.m) Positivo	My Máximo (kN.m) Negativo	Fx Máximo (kN) Positivo	Fx Máximo (kN) Negativo	Fy Máximo (kN) Positivo	Fy Máximo (kN) Negativo	Fundação Lado B (cm)	Lado H (cm)	h0 / ha (m)	h1 / hb (m)	df (m)
P1	20x20	452.50	1530.00	62	60	0	0	0	0	7	0	0	-2	75	75	0.25	0.25	0.80
P2	20x20	777.50	1530.00	46	45	0	0	0	0	0	-4	0	0	70	70	0.25	0.25	0.80
P3	20x20	1102.50	1530.00	52	49	0	0	0	0	0	-3	1	0	70	70	0.25	0.25	0.80
P4	20x20	1427.50	1530.00	48	48	0	0	0	0	0	-3	0	0	70	70	0.25	0.25	0.80
P5	20x20	1750.00	1530.00	51	48	0	0	0	0	0	-2	1	-2	70	70	0.25	0.25	0.80
P6	20x20	2080.00	1530.00	49	48	0	0	0	0	0	-3	0	0	70	70	0.25	0.25	0.80
P7	20x20	2402.50	1530.00	51	47	0	0	0	0	0	-3	1	-2	70	70	0.25	0.25	0.80
P8	20x20	2727.50	1530.00	50	49	0	0	0	0	0	-2	0	0	70	70	0.25	0.25	0.80
P9	20x20	3050.00	1530.00	42	36	0	0	0	0	4	0	4	0	70	70	0.25	0.25	0.80
P10	15x30	127.50	1360.00	54	51	0	0	0	0	0	-8	1	-2	70	80	0.25	0.25	0.80
P11	14x26	452.50	1362.00	66	62	0	0	0	0	0	-3	8	0	70	80	0.25	0.25	0.80
P12	15x30	777.50	1360.00	72	65	0	0	0	0	4	0	8	0	80	95	0.25	0.25	0.80
P13	15x30	1427.50	1360.00	138	132	0	0	0	0	0	-3	5	0	105	115	0.20	0.30	0.80
P14	15x30	2077.50	1360.00	96	90	0	0	0	0	0	-2	8	0	85	100	0.25	0.25	0.80
P15	15x30	2727.50	1360.00	120	115	0	0	0	0	13	0	5	0	95	110	0.20	0.30	0.80
P16	15x30	3227.78	1360.00	104	102	0	0	0	0	0	-3	6	0	90	105	0.25	0.25	0.80
P17	15x30	3615.28	1360.00	51	46	0	0	0	0	0	-1	6	0	60	75	0.25	0.25	0.80
P18	15x30	127.50	995.00	146	136	0	0	0	0	0	-6	5	0	105	115	0.20	0.30	0.80
P19	14x26	446.50	1003.00	84	80	0	0	0	0	0	-6	0	-8	80	95	0.25	0.25	0.80
P20	15x30	777.50	1010.00	86	79	0	0	0	0	4	0	0	-7	80	95	0.25	0.25	0.80
P21	15x30	1427.50	1010.00	159	150	0	0	0	0	0	-3	0	-4	110	125	0.20	0.35	0.80
P22	15x30	2077.50	1010.00	117	108	0	0	0	0	0	-2	0	-8	95	110	0.20	0.30	0.80
P23	15x30	2727.50	1010.00	138	130	0	0	0	0	14	0	0	-5	105	115	0.20	0.30	0.80
P24	15x30	3227.78	1010.00	104	98	0	0	0	0	0	-3	0	-7	90	105	0.25	0.25	0.80
P25	15x30	3615.28	1010.00	88	86	0	0	0	0	0	-1	8	0	80	95	0.25	0.25	0.80
P26	15x30	127.50	530.00	159	144	0	0	0	0	0	-6	0	-5	110	125	0.20	0.35	0.80
P27	14x26	452.50	532.00	90	84	0	0	0	0	0	-4	8	0	80	95	0.25	0.25	0.80
P28	15x30	777.50	530.00	88	80	0	0	0	0	4	0	8	0	80	95	0.25	0.25	0.80
P29	15x30	1427.50	530.00	160	150	0	0	0	0	0	-3	5	0	110	125	0.20	0.35	0.80
P30	15x30	2077.50	530.00	117	109	0	0	0	0	0	-1	7	0	95	110	0.20	0.30	0.80
P31	15x30	2727.50	530.00	137	130	0	0	0	0	15	0	6	0	105	115	0.20	0.30	0.80
P32	15x30	3227.78	530.00	103	97	0	0	0	0	0	-4	7	0	90	105	0.25	0.25	0.80
P33	15x30	3615.28	530.00	89	86	0	0	0	0	0	-1	0	-7	80	95	0.25	0.25	0.80
P34	15x30	127.50	180.00	101	88	0	0	0	0	0	-6	4	-5	85	100	0.25	0.25	0.80
P35	14x26	452.50	178.00	74	67	0	0	0	0	0	-2	0	-7	75	90	0.25	0.25	0.80
P36	15x30	777.50	180.00	73	66	0	0	0	0	4	0	0	-7	75	90	0.25	0.25	0.80
P37	15x30	1427.50	180.00	138	131	0	0	0	0	0	-4	0	-4	105	115	0.20	0.30	0.80
P38	15x30	2077.50	180.00	95	88	0	0	0	0	0	-1	0	-8	85	100	0.25	0.25	0.80
P39	15x30	2727.50	180.00	130	127	0	0	0	0	15	0	0	-6	105	115	0.20	0.30	0.80
P40	15x30	3227.78	180.00	106	101	0	0	0	0	0	-2	0	-6	90	105	0.25	0.25	0.80
P41	15x30	3615.28	180.00	51	46	0	0	0	0	0	-1	0	-7	60	75	0.25	0.25	0.80
P42	15x135	67.50	7.50	63	43	0	0	0	0	0	-5	1	-2	55	175	0.25	0.25	0.80
P43	20x20	452.50	10.00	24	22	0	0	0	0	1	-1	1	0	60	60	0.25	0.25	0.80
P44	20x20	777.50	10.00	24	23	0	0	0	0	1	-2	1	0	60	60	0.25	0.25	0.80
P45	20x20	1102.50	10.00	27	23	0	0	0	0	1	-2	1	-2	60	60	0.25	0.25	0.80
P46	20x20	1427.50	10.00	24	23	0	0	0	0	1	-2	1	0	60	60	0.25	0.25	0.80
P47	20x20	1752.50	10.00	26	23	0	0	0	0	1	-2	1	0	60	60	0.25	0.25	0.80
P48	20x20	2077.50	10.00	24	23	0	0	0	0	1	-2	1	0	60	60	0.25	0.25	0.80
P49	20x20	2402.50	10.00	25	24	0	0	0	0	1	-2	1	0	60	60	0.25	0.25	0.80
P50	20x20	2725.00	10.00	23	14	0	0	0	0	1	0	2	-3	60	60	0.25	0.25	0.80

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
67.50	P42
127.50	P10, P18, P26, P34
446.50	P19
452.50	P1, P11, P27, P35, P43
777.50	P2, P12, P20, P28, P36, P44
1102.50	P3, P45
1427.50	P4, P13, P21, P29, P37, P46
1750.00	P5
1752.50	P47
2077.50	P14, P22, P30, P38, P48
2080.00	P6
2402.50	P7, P49
2725.00	P50
2727.50	P8, P15, P23, P31, P39
3050.00	P9
3227.78	P16, P24, P32, P40
3615.28	P17, P25, P33, P41

Locação no eixo Y	
Coordenadas (cm)	Nome
1530.00	P1, P2, P3, P4, P5, P6, P7, P8, P9
1362.00	P11
1360.00	P10, P12, P13, P14, P15, P16, P17
1010.00	P20, P21, P22, P23, P24, P25
1003.00	P19
995.00	P18
532.00	P27
530.00	P26, P28, P29, P30, P31, P32, P33
180.00	P34, P36, P37, P38, P39, P40, P41
178.00	P35
10.00	P43, P44, P45, P46, P47, P48, P49, P50
7.50	P42



Forma do pavimento FUNDAÇÃO
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (m)	Nível (m)
VB1	14x30	0.00	0.00
VB2	14x30	0.00	0.00
VB3	15x40	0.00	0.00
VB4	15x40	0.00	0.00
VB5	14x30	0.00	0.00
VB6	15x40	0.00	0.00
VB7	15x40	0.00	0.00
VB8	14x30	0.00	0.00
VB9	15x40	0.00	0.00
VB10	15x40	0.00	0.00
VB11	14x30	0.00	0.00
VB12	15x40	0.00	0.00
VB13	15x40	0.00	0.00
VB14	14x30	0.00	0.00
VB15	15x30	0.00	0.00
VB16	14x30	0.00	0.00
VB17	14x30	0.00	0.00
VB18	14x30	0.00	0.00
VB19	14x30	0.00	0.00
VB20	14x30	0.00	0.00
VB21	14x30	0.00	0.00
VB22	14x30	0.00	0.00
VB23	14x30	0.00	0.00
VB24	14x30	0.00	0.00
VB25	14x30	0.00	0.00
VB26	14x30	0.00	0.00
VB27	14x30	0.00	0.00
VB28	14x30	0.00	0.00
VB29	14x30	0.00	0.00
VB30	14x30	0.00	0.00
VB31	14x30	0.00	0.00
VB32	14x30	0.00	0.00
VB33	14x30	0.00	0.00
VB34	14x30	0.00	0.00
VB35	14x30	0.00	0.00
VB36	14x30	0.00	0.00
VB37	14x30	0.00	0.00
VB38	14x30	0.00	0.00
VB39	14x30	0.00	0.00

Pilares			
Nome	Seção (cm)	Elevação (m)	Nível (m)
P1	20x20	0.00	0.00
P2	20x20	0.00	0.00
P3	20x20	0.00	0.00
P4	20x20	0.00	0.00
P5	20x20	0.00	0.00
P6	20x20	0.00	0.00
P7	20x20	0.00	0.00
P8	20x20	0.00	0.00
P9	20x20	0.00	0.00
P10	15x30	0.00	0.00
P11	14x26	0.00	0.00
P12	15x30	0.00	0.00
P13	15x30	0.00	0.00
P14	15x30	0.00	0.00
P15	15x30	0.00	0.00
P16	15x30	0.00	0.00
P17	15x30	0.00	0.00
P18	15x30	0.00	0.00
P19	14x26	0.00	0.00
P20	15x30	0.00	0.00
P21	15x30	0.00	0.00
P22	15x30	0.00	0.00
P23	15x30	0.00	0.00
P24	15x30	0.00	0.00
P25	15x30	0.00	0.00
P26	15x30	0.00	0.00
P27	14x26	0.00	0.00
P28	15x30	0.00	0.00
P29	15x30	0.00	0.00
P30	15x30	0.00	0.00
P31	15x30	0.00	0.00
P32	15x30	0.00	0.00
P33	15x30	0.00	0.00
P34	15x30	0.00	0.00
P35	14x26	0.00	0.00
P36	15x30	0.00	0.00
P37	15x30	0.00	0.00
P38	15x30	0.00	0.00
P39	15x30	0.00	0.00
P40	15x30	0.00	0.00
P41	15x30	0.00	0.00
P42	15x135	0.00	0.00
P43	20x20	0.00	0.00
P44	20x20	0.00	0.00
P45	20x20	0.00	0.00
P46	20x20	0.00	0.00
P47	20x20	0.00	0.00
P48	20x20	0.00	0.00
P49	20x20	0.00	0.00
P50	20x20	0.00	0.00

Características dos materiais	
fck (MPa)	Ecs (MPa)
25	24150

Legenda dos pilares
Pilar que passa

Legenda das vigas e paredes
Viga

TIPO DA OBRA: CONSTRUÇÃO DA FEIRA DO PRODUTOR

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ITAÚBA - MT
C.G.C. / C.P.F.: 03.238.961/0001-27

LOCAL: AV. MADRI BARBARA MAIX, ESQUINA COM A RUA PRINCESA IZABEL - ITAÚBA/MT

ÁREAS: ÁREA TOTAL DA EDIFICAÇÃO...512,66m²

AUTOR DO PROJETO: KLEY WILLIAN AREVALO COSTA
CREA: 120.075.956-7

ASSINATURA

ESCALA: INDICADAS

ASSUNTO: ESTRUTURAL - CONCRETO

FOLHA Nº: 01/17

DATA: JANEIRO/2019

PLANTA DE LOCAÇÃO
PLANTA DE FORMA - FUNDAÇÃO

Formato: A0 (1189x841mm)