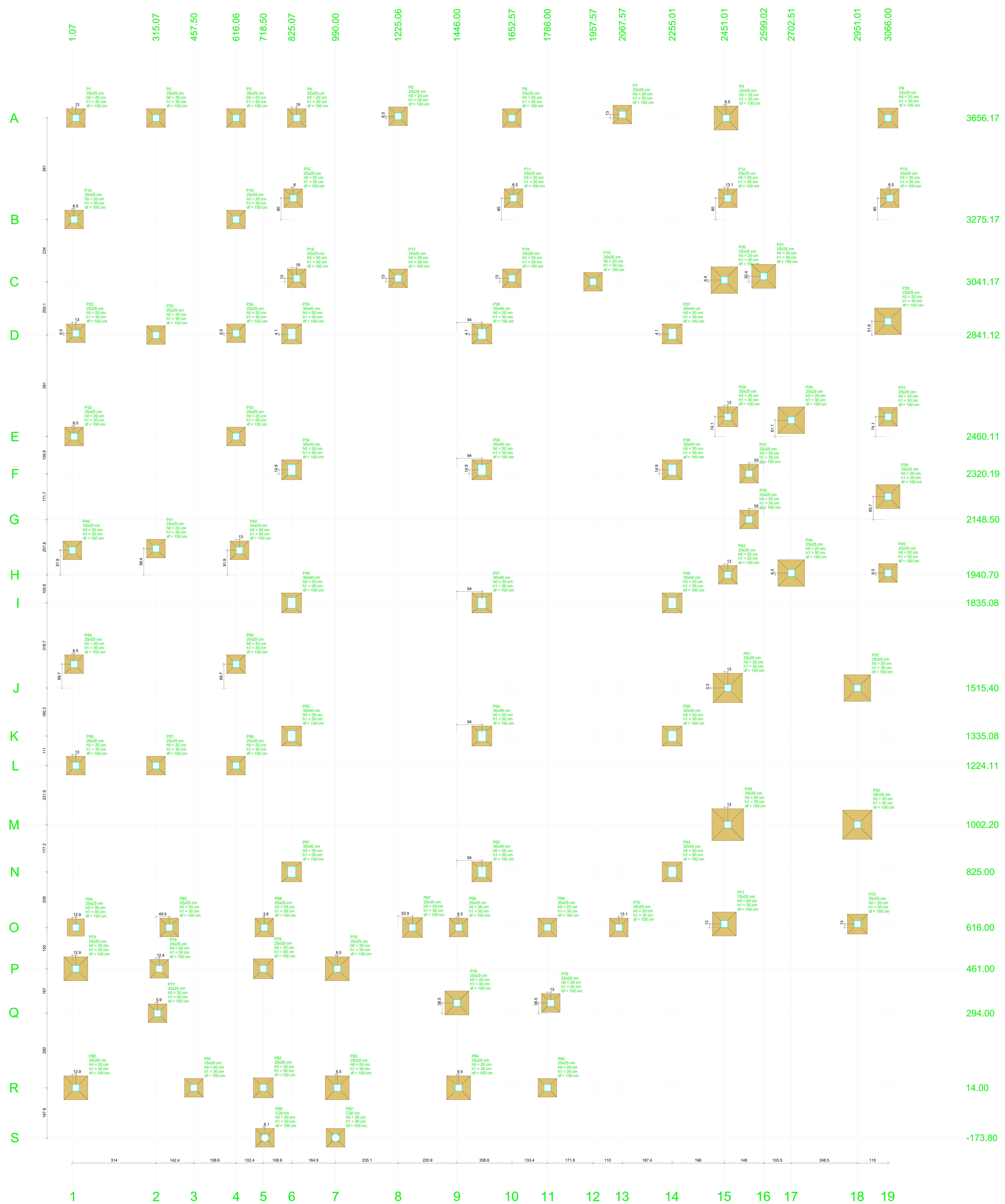
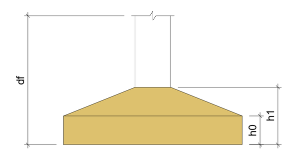
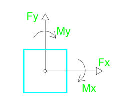


Planta de locação

Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (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	Fundação Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)
P1	25x25	14.07	3656.17	3.0	2.8	0	-100	0	0	0.0	-0.2	0.3	0.0	70	70	20	30	150
P2	25x25	315.07	3656.17	3.5	3.3	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P3	25x25	616.06	3656.17	3.0	2.8	0	-100	100	0	0.1	0.0	0.3	0.0	70	70	20	30	150
P4	25x25	844.07	3656.17	3.0	2.9	0	0	0	-300	0.0	-0.3	0.1	0.0	70	70	20	30	150
P5	25x25	1225.06	3662.67	4.0	3.9	100	0	0	-200	0.0	-0.2	0.1	0.0	70	70	20	30	150
P6	25x25	1652.57	3656.17	5.2	5.1	0	-200	0	0	0.0	0.0	0.1	0.0	70	70	20	30	150
P7	25x25	2067.57	3669.17	3.4	3.3	100	0	100	0	0.2	0.0	0.1	0.0	70	70	20	30	150
P8	25x25	2457.55	3656.17	6.3	6.2	200	0	0	-300	0.0	-0.3	0.0	-0.2	90	90	20	30	150
P9	25x25	3066.00	3656.17	3.7	3.5	200	0	300	0	0.6	0.0	0.0	-0.1	75	75	20	30	150
P10	25x25	831.07	3355.17	3.5	3.3	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P11	25x25	1659.07	3355.17	3.2	3.1	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P12	25x25	2464.07	3355.17	2.6	2.5	400	0	100	0	0.1	0.0	0.0	-0.4	70	70	20	30	150
P13	25x25	3072.50	3355.17	4.8	4.6	0	-100	100	0	0.1	0.0	0.4	0.0	70	70	20	30	150
P14	25x25	7.57	3275.17	4.0	3.9	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P15	25x25	616.07	3275.17	4.0	3.9	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P16	25x25	844.07	3054.17	2.9	2.8	100	0	0	-200	0.0	-0.2	0.0	-0.2	70	70	20	30	150
P17	25x25	1225.06	3054.16	4.1	4.0	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P18	25x25	1652.60	3054.17	4.5	4.4	100	0	100	0	0.2	0.0	0.0	-0.1	70	70	20	30	150
P19	25x25	1957.57	3041.17	4.1	4.0	100	0	0	-300	0.0	-0.4	0.1	0.0	70	70	20	30	150
P20	25x25	2451.03	3047.54	8.3	8.2	0	-300	200	0	0.4	0.0	0.8	0.0	100	100	20	30	150
P21	25x25	2599.02	3061.61	5.1	5.0	0	-300	0	-300	0.0	-0.8	0.6	0.0	90	90	20	30	150
P22	25x25	14.06	2847.64	4.9	4.8	100	0	0	0	0.0	-0.2	0.0	-0.2	70	70	20	30	150
P23	25x25	315.07	2841.12	3.5	3.4	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P24	25x25	616.07	2847.61	4.9	4.8	100	0	100	0	0.1	0.0	0.0	-0.2	70	70	20	30	150
P25	30x40	825.07	2845.17	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P26	30x40	1540.04	2845.17	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P27	30x40	2255.01	2845.17	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P28	25x25	3066.00	2892.71	9.0	8.9	200	0	200	0	1.1	0.0	0.0	-0.4	100	100	20	30	150
P29	25x25	2464.01	2534.20	3.5	3.4	400	0	0	-100	0.0	-0.1	0.0	-0.7	75	75	20	30	150
P30	25x25	2702.51	2521.20	6.7	6.6	0	-700	0	-200	0.0	-0.3	1.2	0.0	100	100	20	30	150
P31	25x25	3066.00	2534.20	4.5	4.3	100	0	100	0	0.3	0.0	0.0	0.0	70	70	20	30	150
P32	25x25	7.57	2460.11	3.9	3.7	0	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P33	25x25	616.06	2460.11	3.9	3.7	0	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P34	30x40	825.07	2335.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P35	30x40	1540.04	2335.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P36	30x40	2255.01	2335.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P37	25x25	2544.01	2320.19	2.7	2.5	0	0	0	-200	0.0	-0.6	0.1	0.0	70	70	20	30	150
P38	25x25	3066.01	2234.20	5.3	5.2	100	0	400	0	0.8	0.0	0.0	0.0	90	90	20	30	150
P39	25x25	2544.01	2148.50	2.7	2.5	100	0	0	-200	0.0	-0.6	0.0	-0.2	70	70	20	30	150
P40	25x25	1.07	2032.61	5.1	5.0	100	0	0	0	0.0	-0.2	0.1	0.0	70	70	20	30	150
P41	25x25	315.07	2039.11	3.5	3.4	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P42	25x25	629.06	2032.61	5.1	5.0	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P43	25x25	2464.00	1940.70	2.6	2.4	0	-200	0	-300	0.0	-0.3	0.2	0.0	70	70	20	30	150
P44	25x25	2702.51	1947.19	7.2	7.1	700	0	0	-100	0.0	-0.2	0.0	-1.3	100	100	20	30	150
P45	25x25	3066.01	1947.20	4.2	4.1	100	0	200	0	0.5	0.0	0.0	-0.1	70	70	20	30	150
P46	30x40	825.07	1835.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P47	30x40	1540.04	1835.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P48	30x40	2255.01	1835.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P49	25x25	7.57	1605.11	4.0	3.9	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P50	25x25	616.07	1605.11	4.0	3.9	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P51	25x25	2464.01	1515.70	10.0	9.9	0	-100	0	-500	0.0	-1.1	0.4	0.0	110	110	20	30	150
P52	25x25	2951.01	1515.40	8.8	8.7	0	-100	500	0	1.0	0.0	0.3	0.0	100	100	20	30	150
P53	30x40	825.07	1335.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P54	30x40	1540.04	1335.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P55	30x40	2255.01	1335.08	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P56	25x25	14.07	1224.11	3.0	2.8	200	0	0	0	0.0	-0.2	0.0	-0.4	70	70	20	30	150
P57	25x25	315.06	1224.11	3.5	3.3	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P58	25x25	616.07	1224.12	3.0	2.8	200	0	100	0	0.1	0.0	0.0	-0.4	70	70	20	30	150
P59	25x25	2464.00	1002.20	10.2	10.0	200	0	0	-800	0.0	-1.6	0.0	-0.4	120	120	20	35	150
P60	25x25	2951.01	1002.19	9.0	8.8	100	0	900	0	1.7	0.0	0.0	-0.3	110	110	20	30	150
P61	30x40	825.07	825.00	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P62	30x40	1540.04	825.00	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P63	30x40	2255.01	825.00	1.1	0.7	100	0	100	0	0.1	0.0	0.1	0.0	75	75	20	30	150
P64	25x25	14.00	616.00	0.6	0.4	100	0	0	-200	0.0	-0.1	0.0	-0.3	65	65	30	30	150
P65	25x25	364.97	616.00	2.0	1.9	100	0	100	0	0.1	0.0	0.0	0.0	70	70	20	30	150
P66	25x25	722.44	616.00	2.5	2.3	100	0	0	-200	0.0	-0.1	0.0	0.0	70	70	20	30	150
P67	25x25	1279.00	616.00	5.6	5.5	200	0	100	0	0.1	0.0	0.8	0.0	75	75	20	30	150
P68	25x25	1452.50	616.00	3.1	3.0	100	0	0	-100	0.0	-0.2	0.0	0.0	70	70	20	30	150
P69	25x25	1786.00	616.00	4.0	3.9	0	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P70	25x25	2054.45	616.00	2.9	2.8	100	0	0	-200	0.0	-0.1	0.1	0.0	70	70	20	30	150
P71	25x25	2451.01	629.00	6.3	6.2	200	0	0	-100	0.0	-0.3	0.0	-0.3	90	90	20	30	150
P72	25x25	2951.01	629.00	3.7	3.6	200	0	200	0	0.4	0.0	0.0	-0.3	75	75	20	30	150
P73	25x25	14.00	461.00	6.6	6.4	0	-300	0	-100	0.0	-0.2	0.7	0.0	90	90	20	30	150
P74	25x25	327.50	461.00	5.0	4.9	100	0	0	-200	0.0	-0.2	0.0	-0.2	70	70	20	30	150
P75	25x25	718.50	461.00	4.5	4.4	0	-300	0	0	0.1	0.0	0.4	0.0	75	75	20	30	150
P76	25x25	996.50	461.00	5.7	5.6	0	-100	0	-300	0.0	-0.3	0.4	0.0	90	90	20	30	150
P77	25x25	321.00	294.00	4.1	3.9	100	0	0	-200	0.5	0.0	0.0	0.0	70	70	20	30	150
P78	25x25	1446.00	332.50	5.5	5.4	300	0	200	0	0.6	0.0	0.0	-0.4	90	90	20	30	150
P79	25x25	1799.00	332.50	3.4	3.2	100	0	100	0	0.1	0.0	0.1	0.0	70	70	20	30	150
P80	25x25	14.00	14.00	5.1	5.0	300	0	0	-500	0.0	-0.7	0.0	-0.5	90	90	20	30	150
P81	25x25	457.50	14.00	4.4	4.3	100	0	200	0	0.4	0.0	0.0	0.0	70	70	20	30	150
P82	25x25	718.50	14.00	4.4	4.3	300	0	0	0	0.0	0.0	0.0	-0.5	75	75	20	30	150
P83	25x25	996.50	14.00	7.2	7.1	300	0	0	-100	0.0	-0.2	0.0	-0.4	90	90	20	30	150
P84	25x25	1452.50	14.00	6.9	6.8	200	0	300	0	0.6	0.0	0.0	-0.2	90	90	20	30	150
P85	25x25	1786.00	14.00	2.6	2.5	100	0	0	-200	0.1	0.0	0.0	-0.1	70	70	20	30	150
P86	C30	724.61	-173.80	1.6	1.3	100	0	0	-100	0.0	-0.2	0.1	0.0	70	70	20	30	150
P87	C30	990.00	-173.80	1.6	1.3	200	0	0	-200	0.1	0.0	0.0	-0.2	70	70	20	30	150

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
1.07	P40
7.57	P14, P32, P49
14.00	P64, P73, P80
14.06	P22
14.07	P1, P56
315.07	P2, P23, P41
315.06	P57
321.00	P77
327.50	P74
364.97	P65
457.50	P81
616.06	P3, P33
616.07	P15, P24, P50, P58
629.06	P42
718.50	P75, P82
722.44	P66
724.61	P86
825.07	P25, P34, P46, P53, P61
831.07	P10
844.07	P4, P16
990.00	P87
996.50	P76, P83
1225.06	P5, P17
1279.00	P67
1446.00	P78
1452.50	P68, P84
1540.04	P26, P35, P47, P54, P62
1652.57	P6
1652.60	P18
1659.07	P11
1786.00	P69, P85
1799.00	P79
1957.57	P19
2054.45	P70
2067.57	P7
2255.01	P27, P36, P48, P55, P63
2451.01	P71
2451.03	P20
2457.55	P8
2464.00	P43, P59
2464.01	P29, P51
2464.07	P12
2544.01	P37, P39
2599.02	P21
2702.51	P30, P44
2951.01	P52, P60, P72
3066.00	P9, P28, P31
3066.01	P38, P45
3072.50	P13

Locação no eixo Y

Coordenadas (cm)	Nome
3669.17	P7
3662.67	P5
3656.17	P1, P2, P3, P4, P6, P8, P9
3355.17	P10, P11, P12, P13
3275.17	P14, P15
3061.61	P21
3054.17	P16, P18
3054.16	P17
3047.54	P20
3041.17	P19
2892.71	P28
2847.64	P22
2847.61	P24
2845.17	P25, P26, P27
2841.12	P23
2534.20	P29, P31
2521.20	P30
2460.11	P32, P33
2335.08	P34, P35, P36
2320.19	P37
2234.20	P38
2148.50	P39
2039.11	P41
2032.61	P40, P42
1947.19	P44
1947.20	P45
1940.70	P43
1835.08	P46, P47, P48
1605.11	P49, P50
1515.70	P51
1515.40	P52
1335.08	P53, P54, P55
1224.11	P56, P57
1224.12	P58
1002.20	P59
1002.19	P60
825.00	P61, P62, P63
629.00	P71, P72
616.00	P64, P65, P66, P67, P68, P69, P70
461.00	P73, P74, P75, P76
332.50	P78, P79
294.00	P77
14.00	P80, P81, P82, P83, P84, P85
-173.80	P86, P87

APROVAÇÃO

ESTRUTURAL

Titulo do Projeto: EMEF SEBASTIÃO DA SILVA ORTIZ

Propritário: PREFEITURA MUNICIPAL DE SÃO JOSÉ DO CERRITO

Endereço da Obra: Rua: CATULINO CAPTULINO SIMÃO - DOM DANIEL

Assinatura:

PREFEITO - LEONARDO GARCIA HEINZEN

Engº Civil: NILSON DO PRADO RODRIGUES:10062174959 — Assinado de forma digital por NILSON DO PRADO RODRIGUES:10062174959 Dados: 2022.01.31 16:23:47 -03'00'

Nilson do Prado Rodrigues - CREA-SC 172357-5

Autor do Projeto:

Descrição Prancha: **LOCAÇÃO**

OBRA:

EMEF SEBASTIÃO DA SILVA ORTIZ

Rua Catulino Captulino Simão Bairro Dom Daniel

Municipio: São José do Cerrito - Estado:Santa Catarina

OBSERVAÇÕES:

Área do Terreno:

ÁREA ADMINIISTRATIVO: ÁREA = 119,37 M²

ÁREA SALA E OUTROS: ÁREA = 427,74 M²

Área total da Edificação Escolar A= 547,11m²

ESCALA: INDICADA

DATA EMISSÃO: INDICADA

DESENHISTA: NILSON

ESTRUTURAL

PRANCHA: 07/E