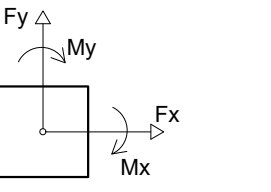
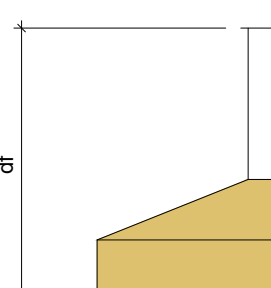


Planta de locação
escala 1:50

| Nome | Seção | X (m) | Y (m) | Carga Máx. (kg) | Carga Mín. (kg) | Pilar | | | | Lado R (cm) | Lado H (cm) | Fundação | | | | | |
|------|-------|---------|---------|-----------------|-----------------|----------|----------|----------|----------|-------------|-------------|----------|---------|-----|-----|----|----|
| | | | | | | Positivo | | Negativo | | | | h1 / h2 | d1 / d2 | | | | |
| | | | | | | Positivo | Negativo | Positivo | Negativo | | | | | | | | |
| P1 | 15x30 | 7.50 | 2049.43 | 4.4 | 3.2 | 400 | -500 | 100 | -300 | 0.1 | -0.3 | 70 | 85 | 30 | 35 | | |
| P2 | 15x30 | 400.21 | 2049.93 | 14.0 | 9.8 | 200 | -100 | 500 | -500 | 0.4 | -0.2 | 105 | 120 | 30 | 35 | | |
| P3 | 15x30 | 722.71 | 2049.43 | 13.4 | 9.6 | 400 | -300 | 200 | -300 | 0.2 | -0.3 | 0.1 | 105 | 120 | 30 | 35 | |
| P4 | 15x30 | 1084.18 | 2056.93 | 11.4 | 8.2 | 100 | -200 | 500 | -400 | 0.4 | -0.3 | 0.1 | 0.0 | 105 | 120 | 30 | 35 |
| P5 | 15x30 | 1366.28 | 2056.93 | 14.7 | 11.3 | 100 | -200 | 500 | -400 | 0.4 | -0.3 | 0.1 | 0.0 | 105 | 120 | 30 | 35 |
| P6 | 15x30 | 1725.71 | 2049.43 | 5.0 | 4.3 | 400 | -200 | 200 | -300 | 0.2 | -0.1 | 0.1 | 70 | 85 | 30 | 35 | |
| P7 | 15x30 | 2033.21 | 2056.93 | 3.8 | 2.8 | 100 | -100 | 400 | -500 | 0.2 | -0.3 | 0.2 | 0.0 | 70 | 85 | 30 | 35 |
| P8 | 15x30 | 7.50 | 1750.22 | 4.8 | 4.2 | 500 | -500 | 100 | -200 | 0.1 | 0.0 | 0.3 | -0.5 | 80 | 95 | 30 | 35 |
| P9 | 20x30 | 400.21 | 1772.07 | 19.4 | 15.1 | 900 | -600 | 400 | -1400 | 0.0 | -0.5 | 0.6 | -0.6 | 145 | 145 | 45 | 50 |
| P10 | 15x30 | 722.71 | 1772.07 | 12.9 | 9.7 | 500 | -400 | 100 | -100 | 0.0 | -0.1 | 0.2 | -0.8 | 145 | 145 | 45 | 50 |
| P11 | 20x30 | 1040.90 | 1749.43 | 18.5 | 13.0 | 500 | -700 | 1000 | -800 | 0.7 | -0.4 | -0.4 | -0.2 | 135 | 135 | 45 | 50 |
| P12 | 20x30 | 1398.21 | 1749.43 | 21.1 | 16.3 | 500 | -700 | 1000 | -800 | 0.6 | 0.5 | 0.3 | -0.3 | 145 | 145 | 45 | 50 |
| P13 | 15x30 | 1733.21 | 1741.93 | 6.4 | 6.1 | 200 | -200 | 600 | -500 | 0.5 | -0.2 | 0.1 | -0.2 | 145 | 145 | 45 | 50 |
| P14 | 15x30 | 2040.71 | 1749.43 | 4.2 | 3.4 | 400 | -500 | 200 | -100 | 0.2 | -0.1 | 0.3 | -0.4 | 70 | 85 | 30 | 35 |
| P15 | 15x30 | 400.21 | 1487.21 | 16.4 | 13.0 | 200 | -100 | 500 | -500 | 0.3 | -0.3 | 0.2 | -0.3 | 105 | 105 | 30 | 35 |
| P16 | 15x30 | 722.71 | 1484.71 | 15.0 | 10.8 | 200 | -600 | 200 | -300 | 0.2 | -0.2 | 0.6 | 0.0 | 110 | 125 | 30 | 35 |
| P17 | 20x30 | 1398.21 | 1426.93 | 25.2 | 20.6 | 600 | -600 | 600 | -700 | 0.5 | -0.5 | 0.4 | -0.4 | 155 | 155 | 45 | 50 |
| P18 | 15x30 | 1733.21 | 1426.93 | 6.0 | 5.7 | 200 | 0 | 600 | -500 | 0.6 | -0.2 | 0.1 | -0.3 | 145 | 145 | 45 | 50 |
| P19 | 15x30 | 2040.71 | 1434.43 | 4.6 | 3.8 | 400 | -500 | 200 | -100 | 0.2 | -0.1 | 0.3 | -0.2 | 70 | 85 | 30 | 35 |
| P20 | 15x30 | 7.50 | 1387.71 | 5.1 | 4.7 | 600 | -400 | 200 | -100 | 0.1 | 0.0 | 0.4 | -0.3 | 80 | 95 | 30 | 35 |
| P21 | 17x30 | 626.71 | 1419.43 | 20.4 | 14.8 | 400 | -300 | 200 | -100 | 0.3 | -0.2 | -0.2 | 0.3 | 130 | 145 | 40 | 50 |
| P22 | 15x30 | 400.21 | 1217.21 | 9.8 | 8.7 | 100 | -200 | 400 | -400 | 0.3 | 0.4 | 0.1 | -0.2 | 100 | 115 | 30 | 35 |
| P23 | 15x30 | 570.65 | 1217.21 | 7.3 | 3.8 | 200 | -200 | 400 | -600 | 0.2 | -0.3 | 0.1 | -0.2 | 100 | 115 | 30 | 35 |
| P24 | 15x30 | 7.50 | 1084.40 | 5.0 | 4.3 | 600 | -400 | 200 | -300 | 0.1 | -0.3 | 0.4 | -0.3 | 80 | 95 | 30 | 35 |
| P25 | 15x30 | 400.21 | 1087.21 | 12.7 | 8.4 | 100 | -200 | 300 | -500 | 0.2 | -0.2 | 0.1 | -0.2 | 110 | 125 | 30 | 35 |
| P26 | 15x30 | 570.59 | 1087.21 | 7.7 | 4.3 | 200 | -200 | 300 | -500 | 0.2 | 0.4 | 0.1 | -0.2 | 110 | 125 | 30 | 35 |
| P27 | 15x30 | 825.71 | 1087.21 | 20.7 | 15.6 | 200 | -200 | 700 | -800 | 0.5 | -0.5 | 0.1 | -0.1 | 130 | 150 | 30 | 35 |
| P28 | 15x30 | 1485.71 | 1079.71 | 20.4 | 16.7 | 400 | -500 | 200 | -300 | 0.2 | -0.2 | 0.3 | -0.2 | 105 | 120 | 30 | 35 |
| P29 | 15x30 | 1845.71 | 1079.71 | 5.6 | 4.2 | 300 | -300 | 200 | -200 | 0.3 | -0.3 | 0.3 | -0.3 | 80 | 95 | 30 | 35 |
| P30 | 15x30 | 2033.21 | 1087.21 | 2.8 | 1.1 | 200 | -200 | 500 | -500 | 0.4 | -0.5 | 0.1 | -0.1 | 85 | 100 | 30 | 35 |
| P31 | 15x30 | 1485.71 | 824.71 | 10.1 | 8.3 | 400 | -500 | 200 | -100 | 0.2 | -0.1 | 0.4 | -0.4 | 105 | 120 | 30 | 35 |
| P32 | 15x30 | 1838.68 | 832.21 | 4.2 | 4.0 | 100 | -200 | 500 | -400 | 0.4 | -0.3 | 0.1 | 0.0 | 70 | 85 | 30 | 35 |
| P33 | 15x30 | 1845.71 | 824.71 | 2.8 | 1.6 | 400 | -500 | 200 | -100 | 0.2 | -0.1 | 0.4 | -0.3 | 105 | 120 | 30 | 35 |
| P34 | 15x30 | 7.50 | 717.21 | 5.0 | 4.5 | 500 | -500 | 100 | -100 | 0.1 | -0.1 | 0.3 | -0.4 | 80 | 95 | 30 | 35 |
| P35 | 15x30 | 392.71 | 732.21 | 11.8 | 8.9 | 400 | -200 | 200 | -100 | 0.2 | -0.1 | 0.1 | -0.1 | 100 | 115 | 30 | 35 |
| P36 | 15x30 | 631.62 | 724.71 | 9.2 | 4.9 | 100 | -200 | 400 | -400 | 0.3 | -0.3 | 0.1 | -0.2 | 100 | 115 | 30 | 35 |
| P37 | 15x30 | 825.71 | 717.21 | 12.5 | 9.0 | 300 | -300 | 200 | -300 | 0.2 | -0.3 | 0.3 | -0.2 | 105 | 120 | 30 | 35 |
| P38 | 15x30 | 1280.71 | 724.71 | 6.0 | 4.8 | 300 | -300 | 200 | -100 | 0.2 | -0.1 | 0.3 | -0.2 | 80 | 95 | 30 | 35 |
| P39 | 17x30 | 392.71 | 551.54 | 23.4 | 21.4 | 200 | -100 | 0.1 | 0.0 | 0.2 | 0.0 | 135 | 150 | 30 | 35 | | |
| P40 | 15x30 | 1485.71 | 584.71 | 13.0 | 9.6 | 400 | -400 | 200 | -100 | 0.2 | -0.1 | 0.2 | -0.2 | 105 | 120 | 30 | 35 |
| P41 | 15x30 | 1845.71 | 584.71 | 5.3 | 4.3 | 400 | -300 | 200 | -300 | 0.2 | -0.3 | 0.2 | -0.4 | 105 | 120 | 30 | 35 |
| P42 | 15x30 | 2040.71 | 585.71 | 2.4 | 1.5 | 300 | -300 | 200 | -100 | 0.1 | -0.1 | 0.3 | -0.3 | 60 | 75 | 25 | 30 |
| P43 | 15x30 | 825.71 | 518.53 | 6.9 | 5.9 | 400 | -400 | 100 | -100 | 0.1 | 0.0 | 0.5 | -0.5 | 80 | 95 | 30 | 35 |
| P44 | 15x30 | 7.50 | 385.30 | 4.8 | 4.5 | 500 | -500 | 100 | -200 | 0.1 | 0.0 | 0.4 | -0.3 | 80 | 95 | 30 | 35 |
| P45 | 15x30 | 325.71 | 368.30 | 6.8 | 4.8 | 400 | -500 | 100 | -100 | 0.1 | 0.0 | 0.3 | -0.4 | 80 | 95 | 30 | 35 |
| P46 | 15x30 | 1218.21 | 422.50 | 7.0 | 6.6 | 200 | -200 | 400 | -400 | 0.2 | -0.4 | 0.1 | -0.2 | 80 | 95 | 30 | 35 |
| P47 | 15x30 | 1625.71 | 300.25 | 7.2 | 6.4 | 600 | -200 | 200 | -200 | 0.1 | 0.0 | 0.2 | -0.4 | 80 | 95 | 30 | 35 |
| P48 | 15x30 | 2040.71 | 300.25 | 4.1 | 3.6 | 400 | -500 | 100 | -200 | 0.1 | 0.0 | 0.4 | -0.4 | 70 | 85 | 30 | 35 |
| P49 | 15x30 | 7.50 | 10.00 | 3.9 | 3.1 | 500 | -300 | 200 | -100 | 0.2 | -0.1 | 0.2 | -0.4 | 70 | 85 | 30 | 35 |
| P50 | 15x30 | 317.61 | 7.50 | 5.4 | 5.0 | 100 | -200 | 500 | -500 | 0.4 | -0.4 | 0.1 | 0.0 | 80 | 95 | 30 | 35 |
| P51 | 15x30 | 615.29 | 7.49 | 5.1 | 4.8 | 100 | -200 | 500 | -500 | 0.4 | -0.4 | 0.1 | 0.0 | 80 | 95 | 30 | 35 |
| P52 | 15x30 | 918.21 | 7.50 | 4.1 | 3.5 | 100 | -200 | 500 | -400 | 0.4 | -0.5 | 0.1 | 0.0 | 80 | 95 | 30 | 35 |
| P53 | 15x30 | 1218.21 | 7.50 | 4.6 | 4.2 | 100 | -100 | 500 | -500 | 0.5 | -0.2 | 0.2 | 0.0 | 80 | 95 | 30 | 35 |
| P54 | 15x30 | 1625.71 | 10.00 | 5.7 | 4.7 | 500 | -200 | 200 | -100 | 0.2 | -0.1 | 0.2 | -0.3 | 80 | 95 | 30 | 35 |
| P55 | 15x30 | 2033.21 | 7.50 | 3.8 | 3.1 | 200 | -100 | 400 | -300 | 0.2 | -0.3 | 0.2 | -0.1 | 70 | 85 | 30 | 35 |

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.



| Localização no eixo X | | Localização no eixo Y | |
|-----------------------|----------------------------|-----------------------|--------------------|
| Coordenada (cm) | Nome | Coordenada (cm) | Nome |
| 7.50 | P1, P6, P20, P34, P44, P49 | 2049.43 | P2, P4, P5, P7 |
| 7.50 | P24 | 2049.43 | P1, P3, P6 |
| 317.61 | P50 | 1772.07 | P9, P10 |
| 392.71 | P35, P39 | 1750.22 | P8 |
| 400.21 | P2, P9, P15, P22, P25 | 1487.21 | P11, P12, P14 |
| 570.59 | P26 | 1741.93 | P13 |
| 570.65 | P23 | 1484.71 | P16 |
| 615.29 | P51 | 1487.21 | P5 |
| 1434.43 | P19 | 631.62 | P36 |
| 1485.71 | P3, P10, P18 | 1426.93 | P17, P18 |
| 918.21 | P52 | 1419.43 | P21 |
| 1387.71 | P37, P43, P45 | 1387.71 | P22, P23 |
| 926.71 | P21 | 1217.21 | P22, P23 |
| 1087.21 | P25 | 1087.21 | P20 |
| 1040.90 | P11 | 1087.21 | P26 |
| 1084.18 | P4 | 1087.21 | P27, P30 |
| 1183.21 | P46, P33 | 1084.40 | P48, P38 |
| 1079.71 | P28, P29 | 1079.71 | P28, P29 |
| 632.21 | P32 | 1366.28 | P6 |
| 824.71 | P31, P33 | 1398.21 | P12, P17 |
| 732.21 | P35 | 1485.71 | P28, P31, P40 |
| 724.71 | P36, P38 | 1625.71 | P47, P54 |
| 1398.68 | P32 | 1638.68 | P32 |
| 584.71 | P40, P41 | 7125.71 | P6 |
| 589.71 | P42 | 1733.21 | P13, P18 |
| 501.64 | P39 | 1845.71 | P29, P33, P41 |
| 516.25 | P43 | 2033.21 | P7, P30, P55 |
| 422.50 | P46 | 2040.71 | P14, P19, P42, P48 |
| 300.25 | P47, P48 | | |
| 15.00 | P49, P54 | | |
| 7.50 | P50 | | |
| 7.49 | P51 | | |
| 7.50 | P52, P53, P55 | | |