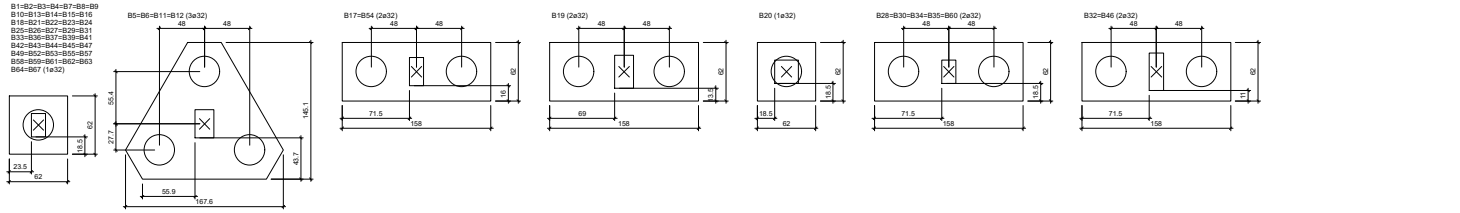
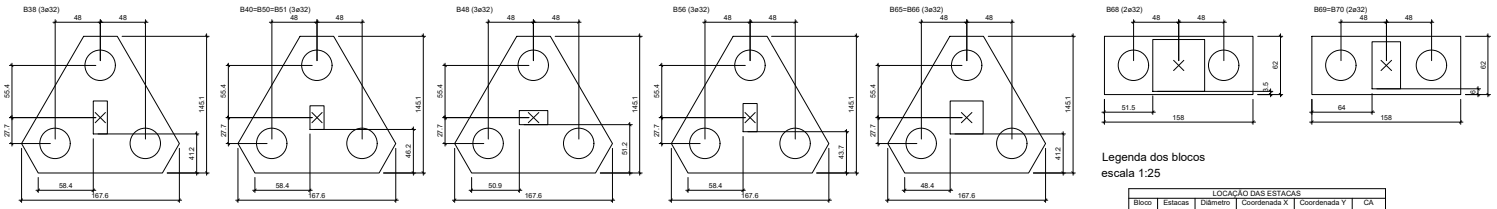



Legenda dos blocos
escala 1:25

| Pilar | | | | | | | | | Fundação | | | | Bloco | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nome | Seção (cm) | X (cm) | Y (cm) | Carga Máx. (tf) | Carga Mín. (tf) | Mx (kgf.m) | My (kgf.m) | Fx (tf) | Fy (tf) | Lado B (cm) | Lado H (cm) | h0 / ha (cm) | h1 / hb (cm) | ne | de (cm) | ca (cm) | Base Est. (cm) |
| P1 | 15x25 | -387.50 | 2327.50 | 5.2 | 4.1 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P2 | 15x25 | -238.25 | 2332.50 | 4.3 | 3.5 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P3 | 15x25 | -122.00 | 2332.50 | 3.8 | 3.1 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P4 | 15x25 | -4.75 | 2332.50 | 4.3 | 3.4 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P5 | 20x30 | 127.50 | 2330.00 | 11.6 | 8.5 | 100 | 200 | 0.5 | 0.2 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P6 | 20x30 | 435.00 | 2330.00 | 12.5 | 9.1 | 100 | 200 | 0.5 | 0.2 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P7 | 15x25 | -387.50 | 2197.50 | 4.3 | 3.4 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P8 | 15x25 | -237.50 | 2197.50 | 3.0 | 2.3 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P9 | 15x25 | -122.50 | 2197.50 | 3.1 | 2.5 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P10 | 15x25 | -12.50 | 2197.50 | 2.8 | 2.0 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P11 | 20x30 | 130.00 | 2157.50 | 10.2 | 7.2 | 100 | 200 | 0.5 | 0.2 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P12 | 20x30 | 440.00 | 2157.50 | 12.5 | 9.1 | 200 | 200 | 0.6 | 0.3 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P13 | 15x25 | -387.50 | 2042.50 | 6.0 | 4.8 | 100 | 100 | 0.3 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P14 | 15x25 | -122.50 | 2042.50 | 6.1 | 4.7 | 100 | 100 | 0.3 | 0.3 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P15 | 15x25 | 127.50 | 2007.50 | 7.6 | 5.7 | 100 | 200 | 0.4 | 0.3 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P16 | 15x25 | -387.50 | 1887.50 | 7.9 | 6.2 | 100 | 200 | 0.4 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P17 | 15x30 | 442.50 | 1935.00 | 9.2 | 6.9 | 100 | 100 | 0.1 | 0.2 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P18 | 15x25 | 740.00 | 1942.50 | 9.7 | 6.8 | 100 | 100 | 0.1 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P19 | 20x35 | 1040.00 | 1932.50 | 8.9 | 6.5 | 700 | 100 | 0.2 | 0.6 | 158 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P20 | 25x25 | -682.50 | 1882.50 | 3.1 | 2.4 | 200 | 100 | 0.1 | 0.2 | 62 | 62 | 0 | 55 | 1 | 32 | -40 | 700 |
| P21 | 15x25 | -12.50 | 1887.50 | 6.8 | 5.2 | 100 | 200 | 0.4 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P22 | 15x25 | -387.50 | 1712.50 | 7.5 | 5.8 | 100 | 200 | 0.6 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P23 | 15x25 | -7.50 | 1712.50 | 6.6 | 5.2 | 100 | 200 | 0.4 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P24 | 15x25 | 127.50 | 1707.50 | 7.0 | 5.4 | 100 | 100 | 0.3 | 0.3 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P25 | 15x25 | 442.50 | 1707.50 | 5.5 | 4.0 | 100 | 200 | 0.4 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P26 | 15x25 | -1192.50 | 1532.50 | 7.5 | 6.0 | 200 | 100 | 0.1 | 0.6 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P27 | 15x25 | -1002.50 | 1537.50 | 10.0 | 7.7 | 200 | 100 | 0.2 | 0.6 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P28 | 15x25 | -687.50 | 1537.50 | 12.5 | 9.5 | 200 | 100 | 0.2 | 0.6 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P29 | 15x25 | -387.50 | 1537.50 | 12.9 | 9.2 | 100 | 100 | 0.3 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P30 | 15x25 | -7.50 | 1532.50 | 11.0 | 8.2 | 200 | 200 | 0.3 | 0.4 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P31 | 15x25 | 127.50 | 1532.50 | 7.8 | 6.1 | 300 | 100 | 0.2 | 0.5 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P32 | 15x40 | 430.00 | 1537.50 | 11.2 | 8.5 | 200 | 200 | 0.3 | 0.3 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P33 | 15x25 | 597.50 | 1537.50 | 10.2 | 7.4 | 300 | 100 | 0.2 | 0.4 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P34 | 15x25 | 892.50 | 1537.50 | 13.4 | 9.6 | 200 | 100 | 0.1 | 0.5 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P35 | 15x25 | 1182.50 | 1537.50 | 9.3 | 7.3 | 200 | 200 | 0.2 | 0.4 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P36 | 15x25 | -1192.50 | 1177.50 | 8.4 | 6.7 | 200 | 100 | 0.1 | 0.4 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P37 | 15x25 | -1002.50 | 1172.50 | 9.2 | 6.9 | 200 | 100 | 0.3 | 0.6 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P38 | 15x35 | -687.50 | 1172.50 | 11.7 | 8.7 | 200 | 200 | 0.4 | 0.5 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P39 | 15x25 | -387.50 | 1172.50 | 11.2 | 8.0 | 100 | 100 | 0.2 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P40 | 15x25 | -12.50 | 1172.50 | 10.2 | 7.8 | 200 | 200 | 0.4 | 0.4 | 168 | 145 | 0 | 70 | 3 | 32 | -55 | 700 |
| P41 | 15x25 | 132.50 | 1172.50 | 7.7 | 5.8 | 200 | 100 | 0.2 | 0.4 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P42 | 15x25 | 422.50 | 1172.50 | 9.0 | 6.8 | 200 | 100 | 0.2 | 0.6 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P43 | 15x25 | 597.50 | 1172.50 | 8.9 | 6.7 | 200 | 100 | 0.2 | 0.4 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P44 | 15x25 | 892.50 | 1172.50 | 11.8 | 8.9 | 200 | 200 | 0.4 | 0.4 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P45 | 15x25 | 1182.50 | 1172.50 | 9.9 | 7.7 | 100 | 200 | 0.5 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P46 | 15x40 | -1192.50 | 945.00 | 10.6 | 8.3 | 200 | 100 | 0.3 | 0.4 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P47 | 15x25 | -890.00 | 957.50 | 10.8 | 7.9 | 100 | 100 | 0.1 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P48 | 15x30 | -587.50 | 957.50 | 11.2 | 8.4 | 200 | 200 | 0.3 | 0.5 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P49 | 15x25 | -272.50 | 957.50 | 9.3 | 7.0 | 200 | 200 | 0.3 | 0.6 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P50 | 15x25 | -12.50 | 957.50 | 12.8 | 9.4 | 200 | 200 | 0.5 | 0.4 | 168 | 145 | 0 | 70 | 3 | 32 | -55 | 700 |
| P51 | 15x25 | 442.50 | 957.50 | 14.9 | 10.8 | 200 | 100 | 0.1 | 0.5 | 168 | 145 | 0 | 70 | 3 | 32 | -55 | 700 |
| P52 | 15x25 | 892.50 | 957.50 | 13.8 | 10.1 | 200 | 100 | 0.1 | 0.5 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P53 | 15x25 | 1182.50 | 957.50 | 9.2 | 7.1 | 200 | 200 | 0.3 | 0.3 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P54 | 15x30 | -1185.00 | 592.50 | 9.3 | 7.4 | 200 | 100 | 0.3 | 0.4 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P55 | 15x25 | -890.00 | 592.50 | 10.3 | 7.8 | 100 | 100 | 0.4 | 0.1 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P56 | 15x30 | -587.50 | 592.50 | 14.5 | 10.8 | 200 | 100 | 0.2 | 0.4 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P57 | 15x25 | -277.50 | 592.50 | 9.7 | 7.1 | 200 | 200 | 0.4 | 0.6 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P58 | 15x25 | -167.50 | 592.50 | 4.3 | 3.7 | 100 | 100 | 0.1 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P59 | 15x25 | -7.50 | 592.50 | 13.3 | 9.8 | 200 | 100 | 0.1 | 0.4 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P60 | 15x25 | 447.50 | 592.50 | 13.9 | 10.1 | 200 | 100 | 0.1 | 0.5 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P61 | 15x25 | 612.50 | 592.50 | 7.3 | 6.0 | 100 | 100 | 0.2 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P62 | 15x25 | 892.50 | 592.50 | 11.3 | 8.7 | 200 | 100 | 0.2 | 0.5 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P63 | 15x25 | 1182.50 | 592.50 | 9.0 | 7.2 | 100 | 200 | 0.4 | 0.4 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 1100 |
| P64 | 15x25 | -172.50 | 382.50 | 5.5 | 4.4 | 100 | 100 | 0.2 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P65 | 35x35 | 2.50 | 387.50 | 15.7 | 12.1 | 200 | 200 | 0.5 | 0.3 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P66 | 35x35 | 437.50 | 387.50 | 13.4 | 10.4 | 200 | 500 | 0.6 | 0.5 | 168 | 145 | 0 | 65 | 3 | 32 | -50 | 700 |
| P67 | 15x25 | 612.50 | 382.50 | 3.4 | 3.1 | 100 | 100 | 0.2 | 0.2 | 62 | 62 | 0 | 60 | 1 | 32 | -45 | 700 |
| P68 | 55x55 | -567.50 | 277.50 | 8.6 | 6.5 | 800 | 1100 | 1.5 | 0.4 | 158 | 62 | 0 | 50 | 2 | 32 | -35 | 700 |
| P69 | 30x50 | 15.00 | -75.00 | 7.6 | 5.4 | 700 | 200 | 0.4 | 0.6 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |
| P70 | 30x50 | 425.00 | -75.00 | 7.5 | 5.3 | 600 | 300 | 0.2 | 0.4 | 158 | 62 | 0 | 60 | 2 | 32 | -45 | 700 |

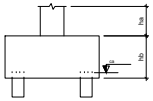
| Locação no eixo X | |
|---|---|
| Coordenadas (cm) | Nome |
| -1192.50 | P26, P36, P46 |
| -1185.00 | P54 |
| -1002.50 | P27, P37 |
| -890.00 | P47, P55 |
| -687.50 | P28, P38 |
| -682.50 | P20 |
| -587.50 | P48, P56 |
| -567.50 | P68 |
| -387.50 | P1, P7, P13, P16, P22, P29, P39 |
| -277.50 | P57 |
| -272.50 | P49 |
| -238.25 | P2 |
| -237.50 | P8 |
| -172.50 | P64 |
| -167.50 | P58 |
| -122.50 | P9, P14 |
| -122.00 | P3 |
| -12.50 | P10, P21, P40, P50 |
| -7.50 | P23, P30, P59 |
| -4.75 | P4 |
| 2.50 | P65 |
| 15.00 | P69 |
| 127.50 | P5, P15, P24, P31 |
| 130.00 | P11 |
| 132.50 | P41 |
| 422.50 | P42 |
| 425.00 | P70 |
| 430.00 | P32 |
| 435.00 | P6 |
| 437.50 | P66 |
| 440.00 | P12 |
| 442.50 | P17, P25, P51 |
| 447.50 | P60 |
| 597.50 | P33, P43 |
| 612.50 | P61, P67 |
| 740.00 | P18 |
| 892.50 | P34, P44, P52, P62 |
| 1040.00 | P19 |
| 1182.50 | P35, P45, P53, P63 |

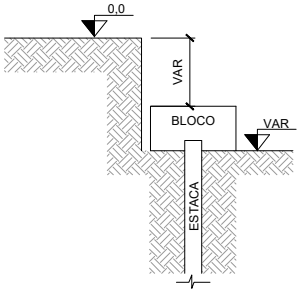
| Locação no eixo Y | |
|---|---|
| Coordenadas (cm) | Nome |
| 2332.50 | P2, P23, P4 |
| 2330.00 | P5, P6 |
| 2327.50 | P1 |
| 2197.50 | P7, P8, P9, P10 |
| 2157.50 | P11, P12 |
| 2042.50 | P13, P14 |
| 2007.50 | P15 |
| 1942.50 | P18 |
| 1935.00 | P17 |
| 1932.50 | P19 |
| 1887.50 | P16, P21 |
| 1882.50 | P20 |
| 1712.50 | P22, P23 |
| 1707.50 | P24, P25 |
| 1537.50 | P27, P28, P29, P32, P33, P34, P35 |
| 1532.50 | P26, P30, P31 |
| 1177.50 | P36 |
| 1172.50 | P37, P38, P39, P40, P41, P42, P43, P44, P45 |
| 957.50 | P47, P48, P49, P50, P51, P52, P53 |
| 945.00 | P46 |
| 592.50 | P54, P55, P56, P57, P58, P59, P60, P61, P62, P63 |
| 387.50 | P65, P66 |
| 382.50 | P64, P67 |
| 277.50 | P68 |
| -75.00 | P69, P70 |

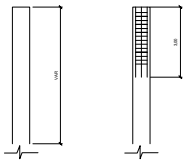
| LOCAÇÃO DAS ESTACAS | | | | | |
|---|---|---|---|---|---|
| Bloco | Estacas | Diâmetro (cm) | Coordenada X (cm) | Coordenada Y (cm) | CA (cm) |
| B1 | E1-1 | 32 | -387.50 | 2327.50 | -45 |
| B2 | E2-1 | 32 | -238.25 | 2332.50 | -45 |
| B3 | E3-1 | 32 | -122.00 | 2332.50 | -45 |
| B4 | E4-1 | 32 | -4.75 | 2332.50 | -45 |
| B5 | E5-1 | 32 | 99.79 | 2378.00 | -50 |
| | E5-2 | | 182.93 | 2330.00 | |
| | E5-3 | | 99.79 | 2282.00 | |
| B6 | E6-1 | 32 | 407.29 | 2378.00 | -50 |
| | E6-2 | | 490.43 | 2330.00 | |
| | E6-3 | | 407.29 | 2282.00 | |
| B7 | E7-1 | 32 | -387.50 | 2197.50 | -45 |
| B8 | E8-1 | 32 | -237.50 | 2197.50 | -45 |
| B9 | E9-1 | 32 | -122.50 | 2197.50 | -45 |
| B10 | E10-1 | 32 | -12.50 | 2197.50 | -45 |
| B11 | E11-1 | 32 | 130.00 | 2212.93 | -50 |
| | E11-2 | | 82.00 | 2129.79 | |
| | E11-3 | | 178.00 | 2129.79 | |
| B12 | E12-1 | 32 | 392.00 | 2185.21 | -50 |
| | E12-2 | | 488.00 | 2185.21 | |
| | E12-3 | | 440.00 | 2102.07 | |
| B13 | E13-1 | 32 | -387.50 | 2042.50 | -45 |
| B14 | E14-1 | 32 | -122.50 | 2042.50 | -45 |
| B15 | E15-1 | 32 | 127.50 | 2007.50 | -45 |
| B16 | E16-1 | 32 | -387.50 | 1887.50 | -45 |
| B17 | E17-1 | 32 | 394.50 | 1935.00 | -45 |
| | E17-2 | | 490.50 | 1935.00 | |
| B18 | E18-1 | 32 | 740.00 | 1942.50 | -45 |
| B19 | E19-1 | 32 | 992.00 | 1932.50 | -45 |
| | E19-2 | | 1088.00 | 1932.50 | |
| B20 | E20-1 | 32 | -682.50 | 1882.50 | -40 |
| B21 | E21-1 | 32 | -12.50 | 1887.50 | -45 |
| B22 | E22-1 | 32 | -387.50 | 1712.50 | -45 |
| B23 | E23-1 | 32 | -7.50 | 1712.50 | -45 |
| B24 | E24-1 | 32 | 127.50 | 1707.50 | -45 |
| B25 | E25-1 | 32 | 442.50 | 1707.50 | -45 |
| B26 | E26-1 | 32 | -1192.50 | 1532.50 | -45 |
| B27 | E27-1 | 32 | -1002.50 | 1537.50 | -45 |
| B28 | E28-1 | 32 | -687.50 | 1585.50 | -45 |
| | E28-2 | | -687.50 | 1489.50 | |
| B29 | E29-1 | 32 | -387.50 | 1537.50 | -45 |
| B30 | E30-1 | 32 | -55.50 | 1532.50 | -45 |
| | E30-2 | | 40.50 | 1532.50 | |
| B31 | E31-1 | 32 | 127.50 | 1532.50 | -45 |
| B32 | E32-1 | 32 | 430.00 | 1585.50 | -45 |
| | E32-2 | | 430.00 | 1489.50 | |
| B33 | E33-1 | 32 | 597.50 | 1537.50 | -45 |
| B34 | E34-1 | 32 | 892.50 | 1585.50 | -45 |
| | E34-2 | | 892.50 | 1489.50 | |
| B35 | E35-1 | 32 | 1182.50 | 1585.50 | -45 |
| | E35-2 | | 1182.50 | 1489.50 | |
| B36 | E36-1 | 32 | -1192.50 | 1177.50 | -45 |
| B37 | E37-1 | 32 | -1002.50 | 1172.50 | -45 |
| B38 | E38-1 | 32 | -559.79 | 1220.50 | -50 |
| | E38-2 | | -742.93 | 1172.50 | |
| | E38-3 | | -659.79 | 1124.50 | |
| B39 | E39-1 | 32 | -387.50 | 1172.50 | -45 |
| B40 | E40-1 | 32 | -40.21 | 1220.50 | -55 |
| | E40-2 | | 42.93 | 1172.50 | |
| | E40-3 | | -40.21 | 1124.50 | |
| B41 | E41-1 | 32 | 132.50 | 1172.50 | -45 |
| B42 | E42-1 | 32 | 422.50 | 1172.50 | -45 |
| B43 | E43-1 | 32 | 597.50 | 1172.50 | -45 |
| B44 | E44-1 | 32 | 892.50 | 1172.50 | -45 |
| B45 | E45-1 | 32 | 1182.50 | 1172.50 | -45 |
| B46 | E46-1 | 32 | -1240.50 | 945.00 | -45 |
| | E46-2 | | -1144.50 | 945.00 | |
| B47 | E47-1 | 32 | -890.00 | 957.50 | -45 |
| B48 | E48-1 | 32 | -587.50 | 1012.93 | -50 |
| | E48-2 | | -635.50 | 929.79 | |
| | E48-3 | | -539.50 | 929.79 | |
| B49 | E49-1 | 32 | -272.50 | 957.50 | -45 |
| B50 | E50-1 | 32 | -40.21 | 1005.50 | -55 |
| | E50-2 | | 42.93 | 957.50 | |
| | E50-3 | | -40.21 | 909.50 | |
| B51 | E51-1 | 32 | 470.21 | 1005.50 | -55 |
| | E51-2 | | 387.07 | 957.50 | |
| | E51-3 | | 470.21 | 909.50 | |
| B52 | E52-1 | 32 | 892.50 | 957.50 | -45 |
| B53 | E53-1 | 32 | 1182.50 | 957.50 | -45 |
| B54 | E54-1 | 32 | -1185.00 | 640.50 | -45 |
| | E54-2 | | -1185.00 | 544.50 | |
| B55 | E55-1 | 32 | -890.00 | 592.50 | -45 |
| B56 | E56-1 | 32 | -559.79 | 640.50 | -50 |
| | E56-2 | | -642.93 | 592.50 | |
| | E56-3 | | -559.79 | 544.50 | |
| B57 | E57-1 | 32 | -277.50 | 592.50 | -45 |
| B58 | E58-1 | 32 | -167.50 | 592.50 | -45 |
| B59 | E59-1 | 32 | -7.50 | 592.50 | -45 |
| B60 | E60-1 | 32 | 399.50 | 592.50 | -45 |
| | E60-2 | | 495.50 | 592.50 | |
| B61 | E61-1 | 32 | 612.50 | 592.50 | -45 |
| B62 | E62-1 | 32 | 892.50 | 592.50 | -45 |
| B63 | E63-1 | 32 | 1182.50 | 592.50 | -45 |
| B64 | E64-1 | 32 | -172.50 | 382.50 | -45 |
| B65 | E65-1 | 32 | 2.50 | 442.93 | -50 |
| | E65-2 | | -45.50 | 359.79 | |
| | E65-3 | | 50.50 | 359.79 | |
| B66 | E66-1 | 32 | 437.50 | 442.93 | -50 |
| | E66-2 | | 389.50 | 359.79 | |
| | E66-3 | | 485.50 | 359.79 | |
| B67 | E67-1 | 32 | 612.50 | 382.50 | -45 |
| B68 | E68-1 | 32 | -615.50 | 277.50 | -35 |
| | E68-2 | | -519.50 | 277.50 | |
| B69 | E69-1 | 32 | -33.00 | -75.00 | -45 |
| | E69-2 | | 63.00 | -75.00 | |
| B70 | E70-1 | 32 | 377.00 | -75.00 | -45 |
| | E70-2 | | 473.00 | -75.00 | |

| Estacas | | |
|---|---|---|
| Simbologia | de (cm) | Quantidade |
| | 32 | 107 |

| Resumo Aço | | Comp. total (m) | Peso (kg) |
|---|---|---|---|
| CA-50 | ø10 | 1926,0 | 1188,3 |
| CA-60 | ø5 | 1819,0 | 280,1 |
| Total | | 3745,0 | 1468,4 |






6Ø10
C=300cm

20Ø5 C/15
C=85cm

| AÇO | | |
|---|---|---|
| BITOLA | PESO (kg/m) | PERIMETRO (cm) |
| 5 | 0,196 | 1,57 |
| 6,3 | 0,245 | 2 |
| 8 | 0,395 | 2,5 |
| 10 | 0,617 | 3,1 |
| 12,5 | 0,963 | 3,9 |
| 16 | 1,578 | 5 |
| 20 | 2,466 | 6,3 |
| 25 | 3,853 | 7,9 |
| 32 | 6,313 | 10 |

NOVA FRIBURGO
PREFEITURA

PROJETO BÁSICO UBS - RUI SANGLARD

Nº DO PROCESSO:

PROJETO DE CONSTRUÇÃO

BAIRRO : RUI SANGLARD
RUA :

ASSUNTO: PROJETO DE ESTRUTURAL
Planta de locação das estacas

SECRETÁRIO EGCP : Pierre da Silva Moraes - Matrícula: 062.728

SUB-SECRETÁRIO EGCP : Luan Leite Feijó - Matrícula: 115.288

AUTOR DO PROJETO : Luan Leite Feijó - ENG. CIVIL - CREA/RJ 2013102356

ARQUIVO :

| DATA : | ESCALA : | DESENHO : | PRANCHA : |
|---|---|---|---|
| MARÇO / 2023 | INDICADA | — | 12 / 12 |

OBSERVAÇÕES: