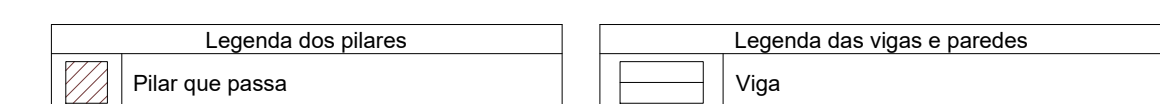




| Nome | | Sepção (cm) | | X (cm) | | Y (cm) | | Carga Máx. (tf) | | Carga Mín. (tf) | | Pilar | | My Máximo (kgf.m) | | Fx Máximo (tf) | | Fy Máximo (tf) | | Fundação | | Lado R (Lado H) | | H1 / H0 (cm) | | df | |
|------|-------|-------------|---------|--------|-----|--------|---|-----------------|---|-----------------|---|----------|----------|-------------------|----------|----------------|----------|----------------|----------|----------|----------|-----------------|----------|--------------|----------|----------|----------|
| | | | | | | | | | | | | Positivo | Negativo | Positivo | Negativo | Positivo | Negativo | Positivo | Negativo | Positivo | Negativo | Positivo | Negativo | Positivo | Negativo | Positivo | Negativo |
| P1 | 15x25 | 2132.50 | 3782.50 | 2.1 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P2 | 15x25 | 2317.44 | 3782.50 | 2.1 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P3 | 15x25 | 2132.50 | 3697.50 | 2.1 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P4 | 15x25 | 2317.44 | 3697.50 | 2.1 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P5 | 15x25 | 12.50 | 3212.50 | 3.1 | 2.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P6 | 15x25 | 202.50 | 3207.50 | 3.0 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P7 | 15x25 | 1472.50 | 3212.50 | 1.5 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P8 | 15x25 | 1697.50 | 3212.50 | 3.7 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P9 | 15x25 | 1997.50 | 3207.50 | 3.3 | 2.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P10 | 15x25 | 1697.50 | 3007.50 | 5.3 | 3.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P11 | 15x25 | 1997.50 | 3002.50 | 3.0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P12 | 15x25 | 12.50 | 2882.50 | 3.1 | 2.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P13 | 15x25 | 202.50 | 2887.50 | 3.0 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P14 | 15x25 | 1997.50 | 2797.50 | 3.6 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P15 | 15x25 | 1482.50 | 2667.50 | 1.6 | 1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P16 | 15x25 | 1697.50 | 2667.50 | 4.8 | 3.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P17 | 15x25 | 1992.50 | 2667.50 | 1.9 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P18 | 15x25 | 4207.50 | 2502.50 | 3.1 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P19 | 15x25 | 4510.00 | 2502.50 | 3.6 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P20 | 15x25 | 4817.50 | 2497.50 | 3.2 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P21 | 15x25 | 4202.50 | 2222.50 | 3.7 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P22 | 15x25 | 4817.50 | 2222.50 | 3.6 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P23 | 15x25 | 4207.50 | 1887.50 | 5.3 | 3.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P24 | 15x25 | 4510.00 | 1887.50 | 3.6 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P25 | 15x25 | 4817.50 | 1882.50 | 5.2 | 3.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P26 | 15x25 | 7.50 | 1725.50 | 3.1 | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P27 | 15x25 | 142.50 | 1725.50 | 3.3 | 1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P28 | 15x25 | 7.50 | 1599.50 | 3.9 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P29 | 15x25 | 4202.50 | 1552.50 | 3.6 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P30 | 15x25 | 4817.50 | 1552.50 | 3.6 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P31 | 15x25 | 142.50 | 1494.50 | 2.9 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P32 | 15x25 | 4207.50 | 1272.50 | 4.5 | 3.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P33 | 15x25 | 4510.00 | 1272.50 | 3.6 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P34 | 15x25 | 4812.50 | 1272.50 | 4.1 | 1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P35 | 15x25 | 4817.50 | 1120.07 | 2.3 | 1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P36 | 15x25 | 347.50 | 1062.50 | 3.2 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P37 | 15x25 | 550.00 | 1062.50 | 3.8 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P38 | 15x25 | 872.50 | 1057.50 | 7.0 | 4.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P39 | 15x25 | 1230.00 | 1062.50 | 5.0 | 5.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P40 | 15x25 | 1457.50 | 1062.50 | 1.9 | 1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P41 | 15x25 | 4202.50 | 1037.41 | 3.8 | 2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P42 | 15x25 | 4817.50 | 862.64 | 3.8 | 2.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P43 | 15x25 | 4202.50 | 779.98 | 3.3 | 2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P44 | 15x25 | 347.50 | 662.50 | 2.4 | 1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P45 | 15x25 | 752.50 | 662.50 | 7.6 | 4.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P46 | 15x25 | 877.50 | 702.50 | 5.4 | 3.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P47 | 15x25 | 1182.50 | 702.50 | 4.8 | 3.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P48 | 15x25 | 1457.50 | 702.50 | 2.5 | 1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P49 | 15x25 | 757.50 | 581.50 | 2.8 | 2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P50 | 15x25 | 4202.50 | 490.20 | 3.2 | 2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P51 | 15x25 | 4510.00 | 485.20 | 3.9 | 2.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P52 | 15x25 | 4817.50 | 490.20 | 3.6 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P53 | 15x25 | 902.50 | 330.00 | 2.6 | 1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Localização no eixo Y | |
|-----------------------|--------------------|
| Coordenadas | Nome |
| (cm) | |
| 3782.50 | P1, P2 |
| 3697.50 | P3, P4 |
| 3212.50 | P5, P7, P8 |
| 3207.50 | P6, P9 |
| 3007.50 | P10 |
| 3002.50 | P11 |
| 2887.50 | P13 |
| 2882.50 | P12 |
| 2797.50 | P14 |
| 2667.50 | P15, P16, P17 |
| 2502.50 | P18, P19 |
| 2497.50 | P20 |
| 2222.50 | P21, P22 |
| 1892.50 | P25 |
| 1787.50 | P23, P24 |
| 1782.50 | P26, P27 |
| 1552.50 | P28 |
| 1552.50 | P29, P30 |
| 1444.50 | P31 |
| 1272.50 | P32, P33, P34 |
| 1120.07 | P35 |
| 1062.50 | P36, P37, P39, P40 |
| 1057.50 | P38 |
| 1037.41 | P41 |
| 872.64 | P42 |
| 779.98 | P43 |
| 702.50 | P46, P47, P48 |



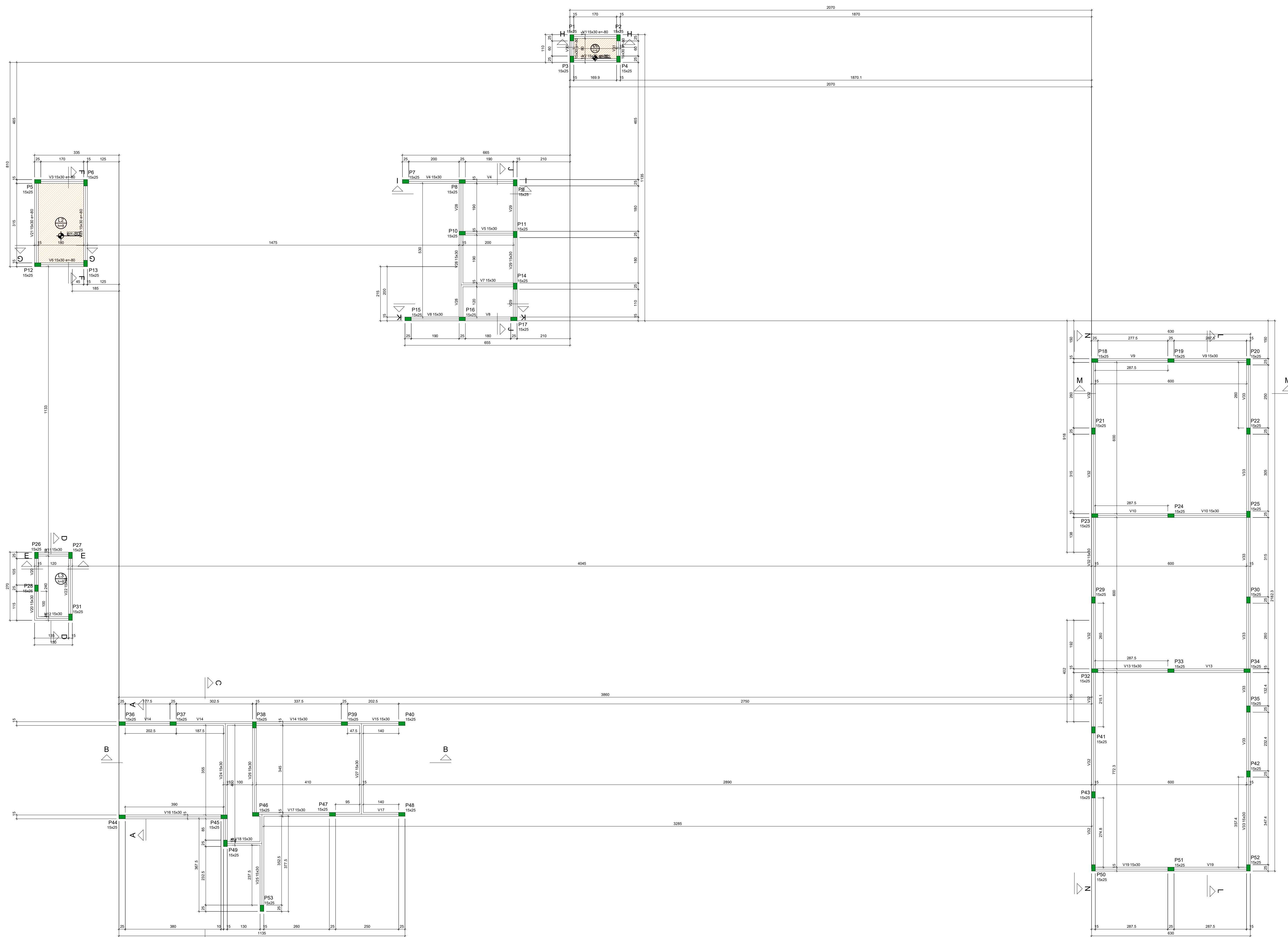
| Planes | | | |
|--------|-------|---------------|-------|
| Name | Seqno | Elevation (m) | Level |
| P1 | 15625 | 0 | 15 |
| P2 | 15626 | 0 | 15 |
| P3 | 15627 | 0 | 15 |
| P4 | 15628 | 0 | 15 |
| P5 | 15629 | 0 | 15 |
| P6 | 15630 | 0 | 15 |
| P7 | 15631 | 0 | 15 |
| P8 | 15632 | 0 | 15 |
| P9 | 15633 | 0 | 15 |
| P10 | 15634 | 0 | 15 |
| P11 | 15635 | 0 | 15 |
| P12 | 15636 | 0 | 15 |
| P13 | 15637 | 0 | 15 |
| P14 | 15638 | 0 | 15 |
| P15 | 15639 | 0 | 15 |
| P16 | 15640 | 0 | 15 |
| P17 | 15641 | 0 | 15 |
| P18 | 15642 | 0 | 15 |
| P19 | 15643 | 0 | 15 |
| P20 | 15644 | 0 | 15 |
| P21 | 15645 | 0 | 15 |
| P22 | 15646 | 0 | 15 |
| P23 | 15647 | 0 | 15 |
| P24 | 15648 | 0 | 15 |
| P25 | 15649 | 0 | 15 |
| P26 | 15650 | 0 | 15 |
| P27 | 15651 | 0 | 15 |
| P28 | 15652 | 0 | 15 |
| P29 | 15653 | 0 | 15 |
| P30 | 15654 | 0 | 15 |
| P31 | 15655 | 0 | 15 |
| P32 | 15656 | 0 | 15 |
| P33 | 15657 | 0 | 15 |
| P34 | 15658 | 0 | 15 |
| P35 | 15659 | 0 | 15 |
| P36 | 15660 | 0 | 15 |
| P37 | 15661 | 0 | 15 |
| P38 | 15662 | 0 | 15 |
| P39 | 15663 | 0 | 15 |
| P40 | 15664 | 0 | 15 |
| P41 | 15665 | 0 | 15 |
| P42 | 15666 | 0 | 15 |
| P43 | 15667 | 0 | 15 |
| P44 | 15668 | 0 | 15 |
| P45 | 15669 | 0 | 15 |
| P46 | 15670 | 0 | 15 |
| P47 | 15671 | 0 | 15 |
| P48 | 15672 | 0 | 15 |
| P49 | 15673 | 0 | 15 |
| P50 | 15674 | 0 | 15 |
| P51 | 15675 | 0 | 15 |
| P52 | 15676 | 0 | 15 |

| Legenda dos pilares | | Legenda das vigas e paredes | |
|---|-----------------|---|------|
|  | Pilar que passa |  | Viga |

CONTEÚDO:
PLANTA DE FORMA TÉRREO.



NENHUMA PARTE DESTA PRANCHA PODE SER UTILIZADA OU REPRODUZIDA - EM QUALQUER MODO OU FORMA, SEJA MECÂNICO OU ELETRÔNICO, FOTOCÓPIA, GRAVAÇÃO ETC. - SEM APROPRIADA AUTORIZAÇÃO DO INSTITUTO DE PESQUISA E DESENVOLVIMENTO DA FAPESP.



Forma do pavimento Superior (Nível 345)

| Nome | Seção | Vigas Elevação (cm) | Nível (cm) |
|------|-------|---------------------------|---------------|
| V1 | 15x30 | -80 | 265 |
| V2 | 15x30 | -80 | 265 |
| V3 | 15x30 | -80 | 265 |
| V4 | 15x30 | -80 | 265 |
| V5 | 15x30 | 0 | 345 |
| V6 | 15x30 | -80 | 265 |
| V7 | 15x30 | 0 | 345 |
| V8 | 15x30 | 0 | 345 |
| V9 | 15x30 | 0 | 345 |
| V10 | 15x30 | 0 | 345 |
| V11 | 15x30 | 0 | 345 |
| V12 | 15x30 | 0 | 345 |
| V13 | 15x30 | 0 | 345 |
| V14 | 15x30 | 0 | 345 |
| V15 | 15x30 | 0 | 345 |
| V16 | 15x30 | 0 | 345 |
| V17 | 15x30 | 0 | 345 |
| V18 | 15x30 | 0 | 345 |
| V19 | 15x30 | 0 | 345 |
| V20 | 15x30 | 0 | 345 |
| V21 | 15x30 | -80 | 265 |
| V22 | 15x30 | 0 | 345 |
| V23 | 15x30 | -80 | 265 |
| V24 | 15x30 | 0 | 345 |
| V25 | 15x30 | 0 | 345 |
| V26 | 15x30 | 0 | 345 |
| V27 | 15x30 | 0 | 345 |
| V28 | 15x30 | 0 | 345 |
| V29 | 15x30 | 0 | 345 |
| V30 | 15x30 | -80 | 265 |
| V31 | 15x30 | -80 | 265 |
| V32 | 15x30 | 0 | 345 |
| V33 | 15x30 | 0 | 345 |

| Lajes | | | | | | | | |
|-------|------|-------------|---------------|------------|-----------------------|---------------------|-----------|------------|
| Dados | | | | | | Sobrecarga (kgf/m²) | | |
| Nome | Tipo | Altura (cm) | Elevação (cm) | Nível (cm) | Peso próprio (kgf/m²) | Adicional | Acidental | Localizada |
| L1 | Maio | 8 | -80 | 265 | 200 | 154 | 10 | - |
| L2 | Maio | 8 | -80 | 265 | 200 | 154 | 10 | - |
| L3 | Maio | 8 | 0 | 345 | 200 | 154 | 10 | - |

| Características dos materiais | |
|-------------------------------|-------------------------------|
| fck (kgf/cm ²) | Ecs (kgf/cm ²) |
| 250 | 241500 |

Dimensão máxima do agregado = 19

| Name | Seqno | Placements | | New (cm) |
|------|-------|------------|-----------------|----------|
| | | Seqno | Placements (cm) | |
| P1 | 15x25 | -30 | 265 | |
| P2 | 15x25 | -30 | 265 | |
| P3 | 15x25 | -30 | 265 | |
| P4 | 15x25 | -30 | 265 | |
| P5 | 15x25 | -30 | 265 | |
| P6 | 15x25 | -30 | 265 | |
| P7 | 15x25 | -30 | 265 | |
| P8 | 15x25 | 0 | 345 | |
| P9 | 15x25 | 0 | 345 | |
| P10 | 15x25 | 0 | 345 | |
| P11 | 15x25 | 0 | 345 | |
| P12 | 15x25 | -30 | 265 | |
| P13 | 15x25 | 0 | 345 | |
| P14 | 15x25 | 0 | 345 | |
| P15 | 15x25 | 0 | 345 | |
| P16 | 15x25 | 0 | 345 | |
| P17 | 15x25 | 0 | 345 | |
| P18 | 15x25 | 0 | 345 | |
| P19 | 15x25 | 0 | 345 | |
| P20 | 15x25 | 0 | 345 | |
| P21 | 15x25 | 0 | 345 | |
| P22 | 15x25 | 0 | 345 | |
| P23 | 15x25 | 0 | 345 | |
| P24 | 15x25 | 0 | 345 | |
| P25 | 15x25 | 0 | 345 | |
| P26 | 15x25 | 0 | 345 | |
| P27 | 15x25 | 0 | 345 | |
| P28 | 15x25 | 0 | 345 | |
| P29 | 15x25 | 0 | 345 | |
| P30 | 15x25 | 0 | 345 | |
| P31 | 15x25 | 0 | 345 | |
| P32 | 15x25 | 0 | 345 | |
| P33 | 15x25 | 0 | 345 | |
| P34 | 15x25 | 0 | 345 | |
| P35 | 15x25 | 0 | 345 | |
| P36 | 15x25 | 0 | 345 | |
| P37 | 15x25 | 0 | 345 | |
| P38 | 15x25 | 0 | 345 | |
| P39 | 15x25 | 0 | 345 | |
| P40 | 15x25 | 0 | 345 | |
| P41 | 15x25 | 0 | 345 | |
| P42 | 15x25 | 0 | 345 | |
| P43 | 15x25 | 0 | 345 | |
| P44 | 15x25 | 0 | 345 | |
| P45 | 15x25 | 0 | 345 | |
| P46 | 15x25 | 0 | 345 | |
| P47 | 15x25 | 0 | 345 | |
| P48 | 15x25 | 0 | 345 | |
| P49 | 15x25 | 0 | 345 | |
| P50 | 15x25 | 0 | 345 | |
| P51 | 15x25 | 0 | 345 | |
| P52 | 15x25 | 0 | 345 | |
| P53 | 15x25 | 0 | 345 | |

| Legenda dos pilares | | Legenda das vigas e paredes | |
|---|-----------------|---|------|
| | Pilar que morre | | Viga |

PROJETO:
U.E PROFESSOR ARIMATHEA

PROJETO TIPO: PROJETO DE INFRAESTRUTURA EDUCACIONAL

PROPRIETÁRIO: _____

NOME DO PROPRIETÁRIO _____

CPF.: _____

AUTOR DO PROJETO: PHABULLO HUDSON SOUSA ARAUJO
CREA - 1918962669

RESPONSÁVEL TÉCNICO:

ARQUITETO / ENGENHEIRO
CAU / CREA

APROVAÇÕES:

OBSERVAÇÕES

COORDENAÇÃO:
FADEX - Fundação Cultural e de Formento à Pesquisa, Ensino,
Extensão e Inovação

RESPONSÁVEL TÉCNICO
-

PROPRIETÁRIO:
GOVERNO DO PIAUÍ

ENDEREÇO:
RUA FIRMINO LAGES
NOSSA SENHORA DOS REMEDIOS - P
DESENHISTA:
PHABULLO HUDSON SOUSA ARAUJO

REVISÃO:

DATA:
06/06/21

ESCALA:
NO DESENHO

FORMATO:
A0 (841 x 1189)

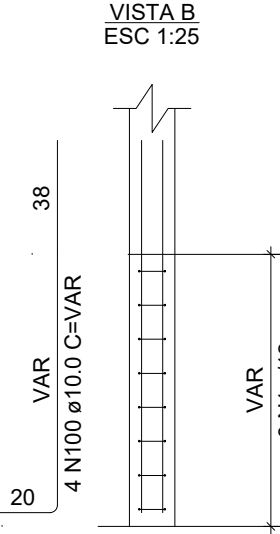
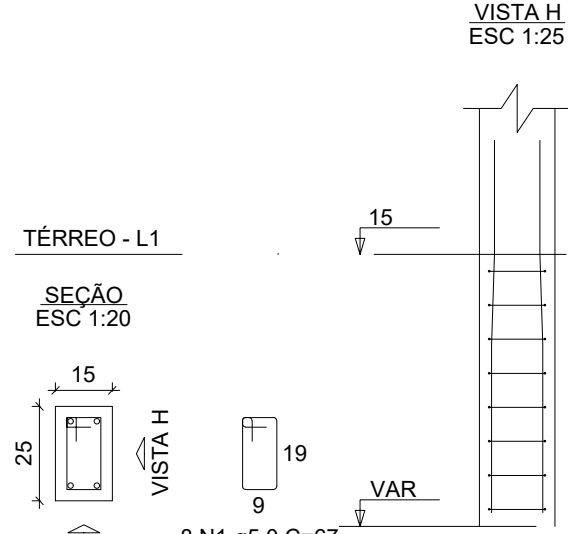
CONTEUDO:

PLANTA DE FORMA SUPERIOR.

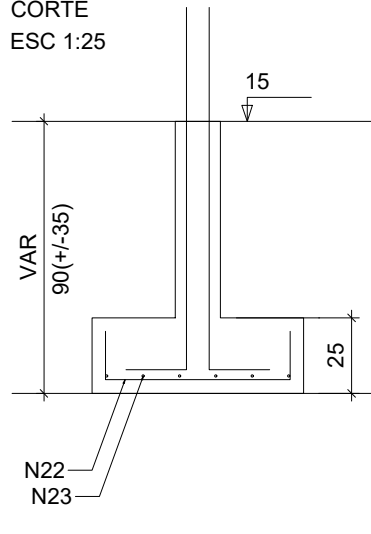
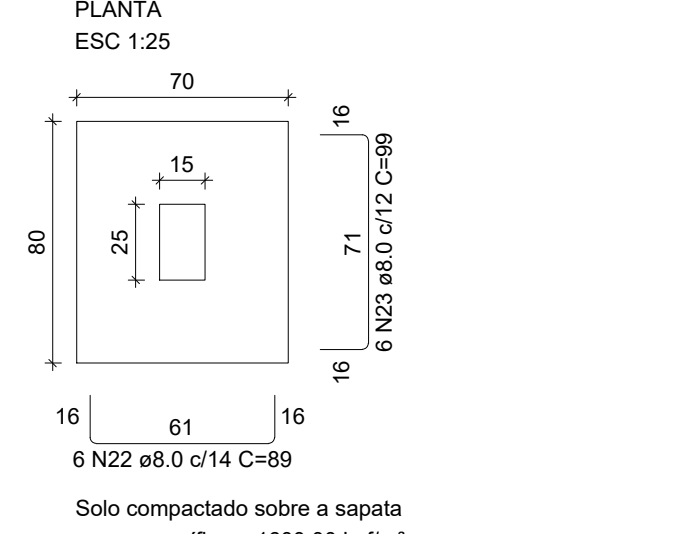
S1=S2=S3=S4=S5=S6=S7=S8=S9=S11=S12=S13
=S14=S15=S17=S18=S19=S20=S21=S22=S24
=S26=S27=S28=S29=S30=S31=S33=S34=S35
=S36=S37=S40=S41=S42=S43=S44=S48=S49
=S50=S51=S52=S53



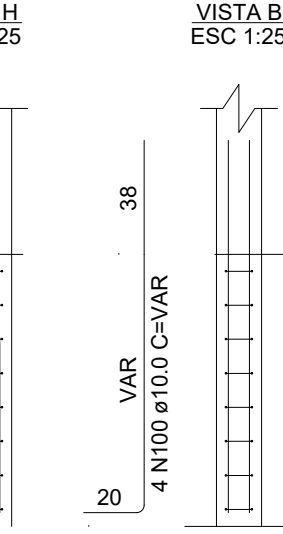
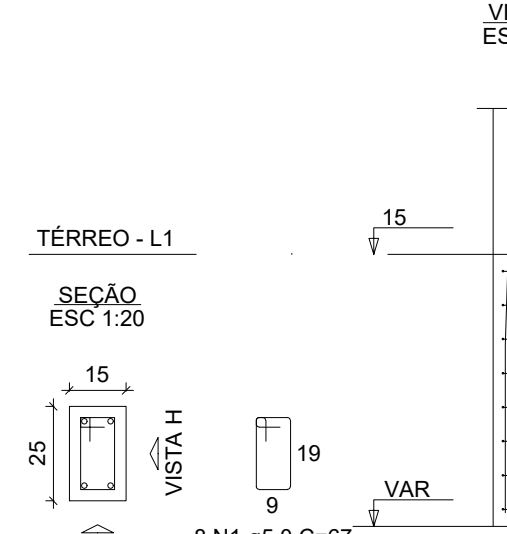
P1=P2=P3=P4=P5=P6=P7=P8=
=P9=P11=P12=P13=P14=P15=
=P17=P18=P19=P20=P21=P22=
=P24=P26=P27=P28=P29=P30=
=P31=P33=P34=P35=P36=P37=
=P40=P41=P42=P43=P44=P48=
=P49=P50=P51=P52=P53



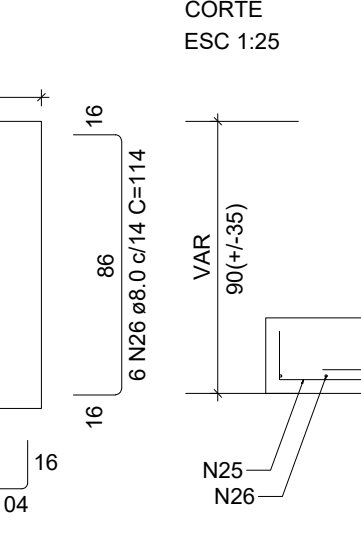
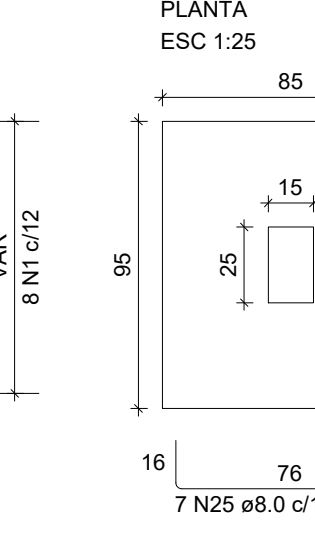
S10=S16=S23=S25=S32=S39=S46=S47



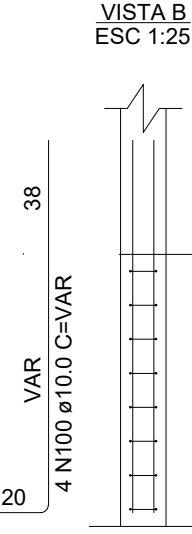
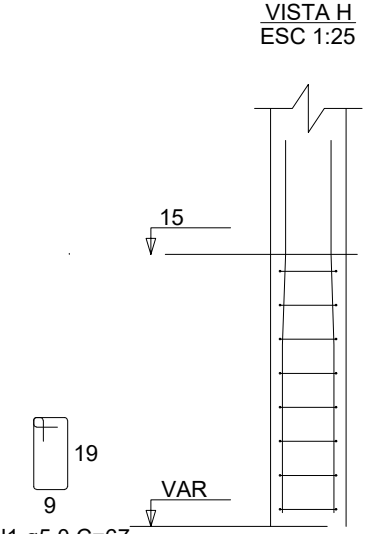
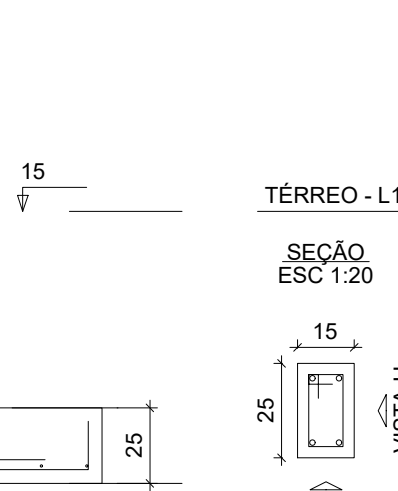
P10=P16=P25=P26=P32=P39=
=P46=P47



S38=S45

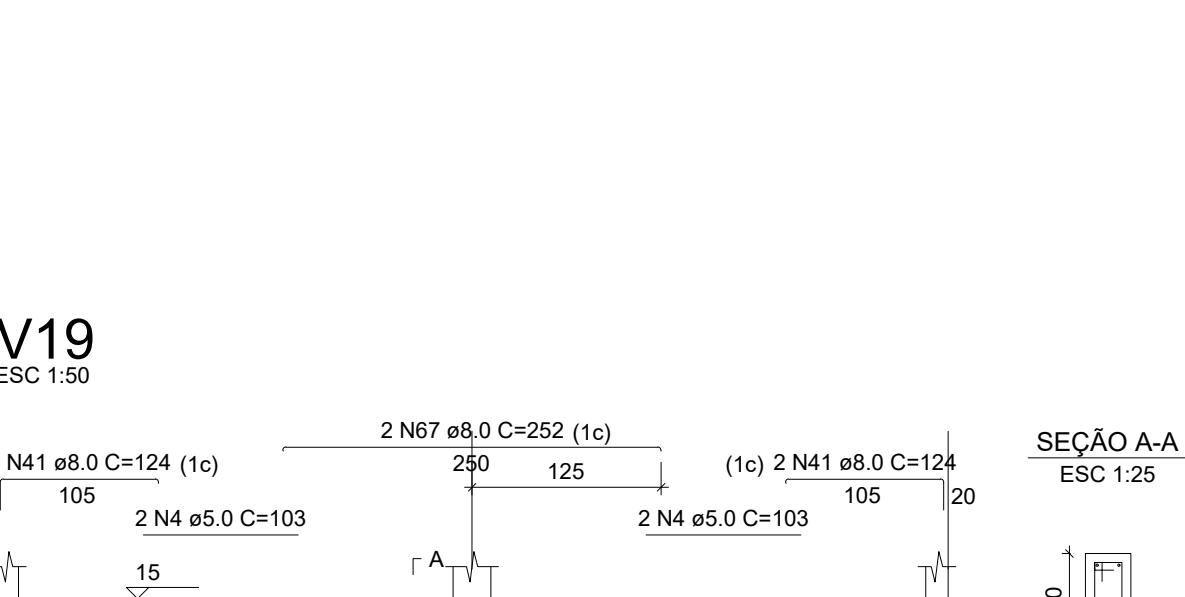
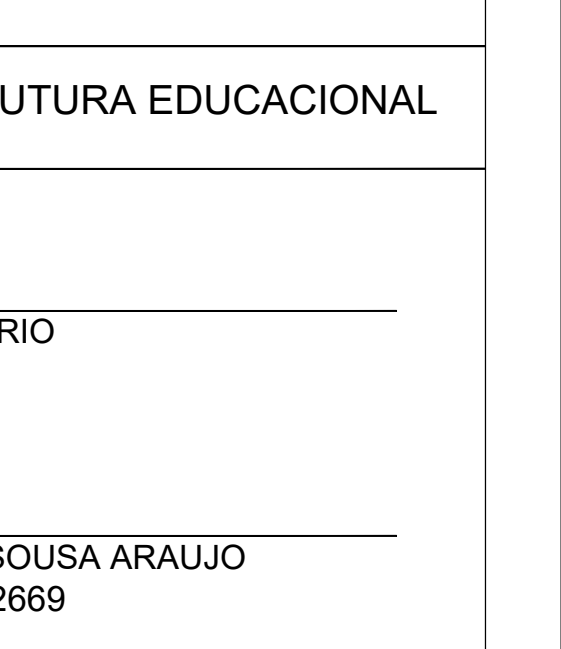
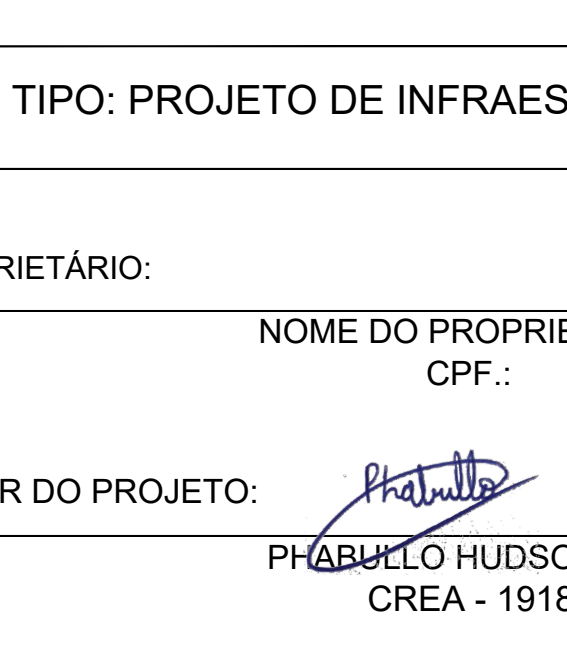
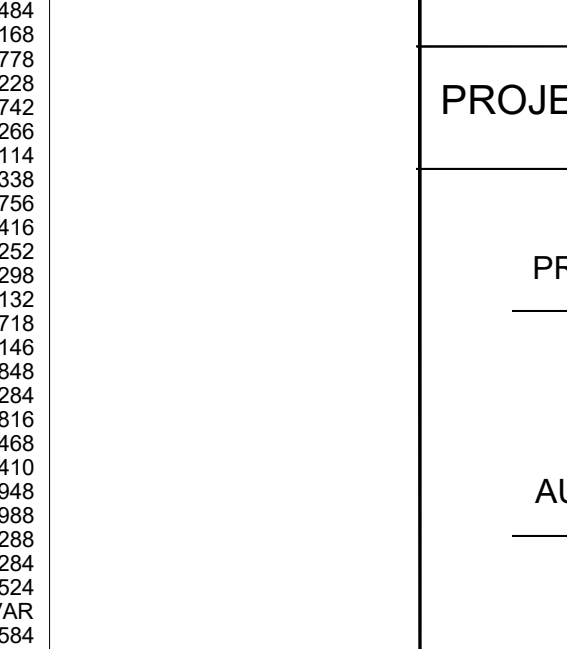
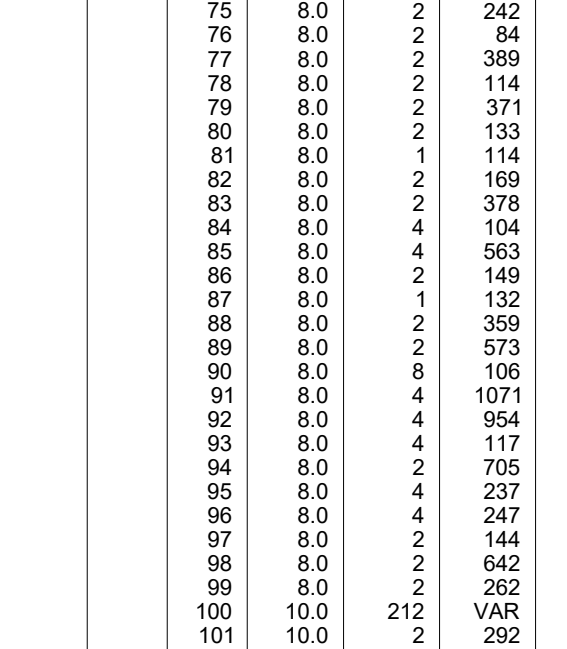
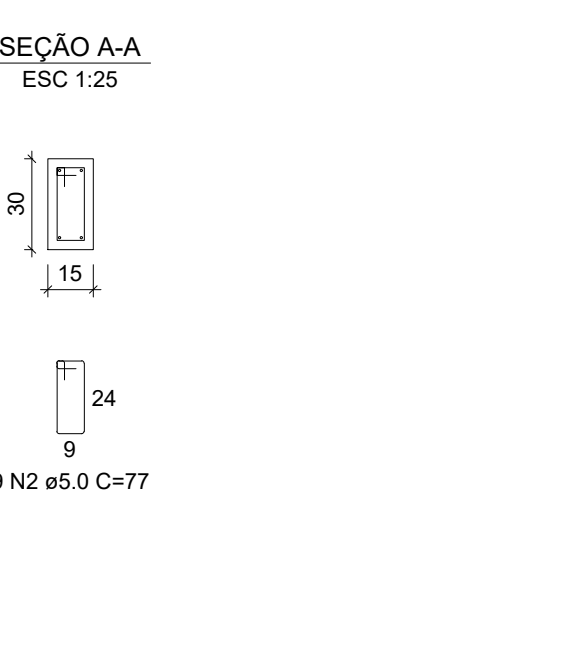
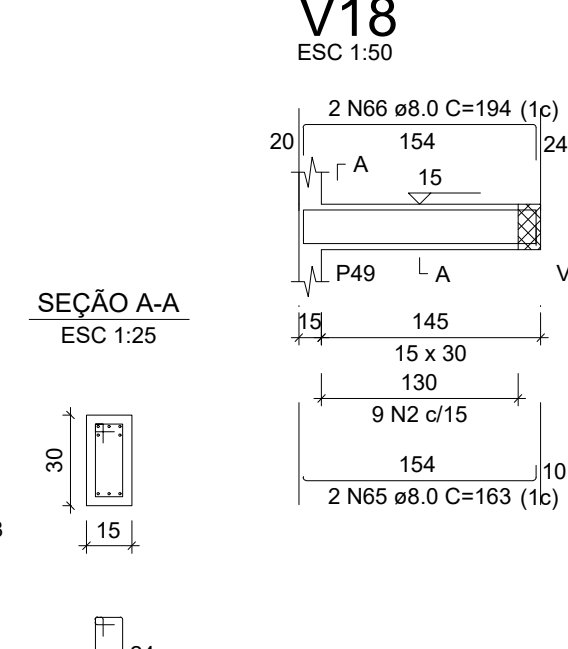
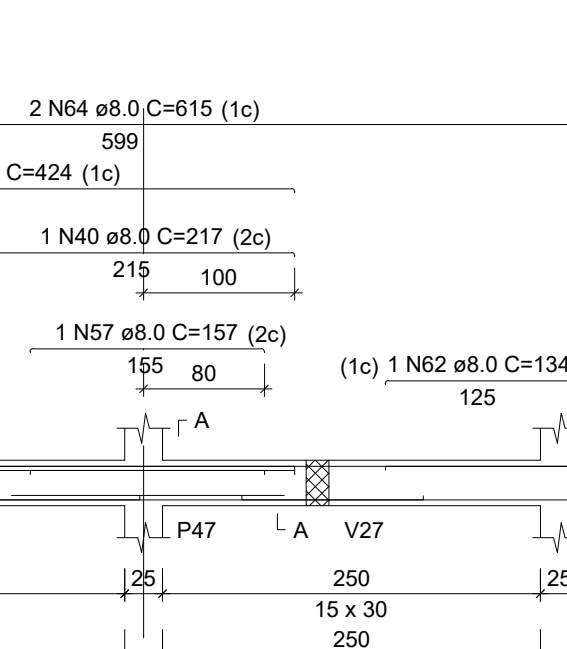
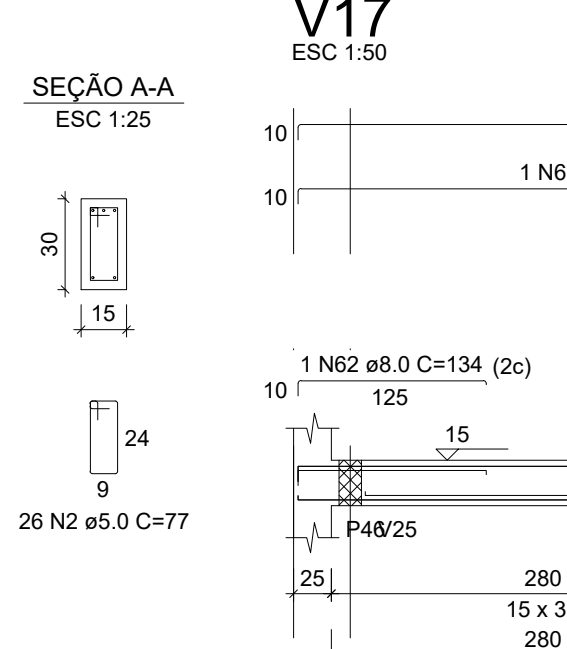
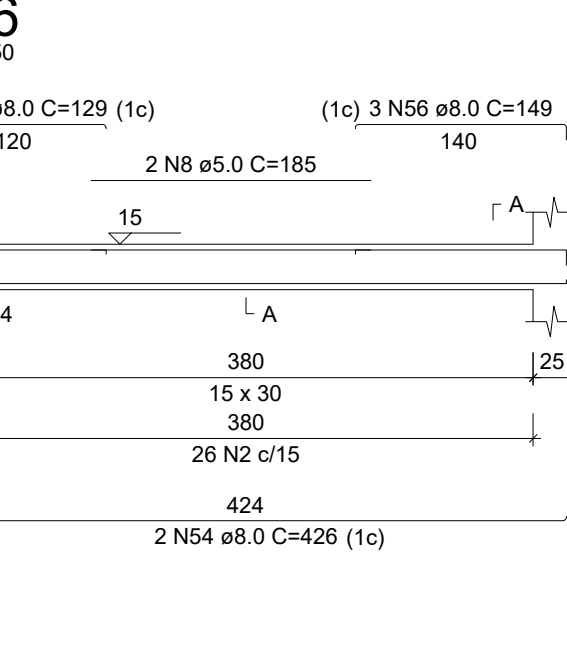
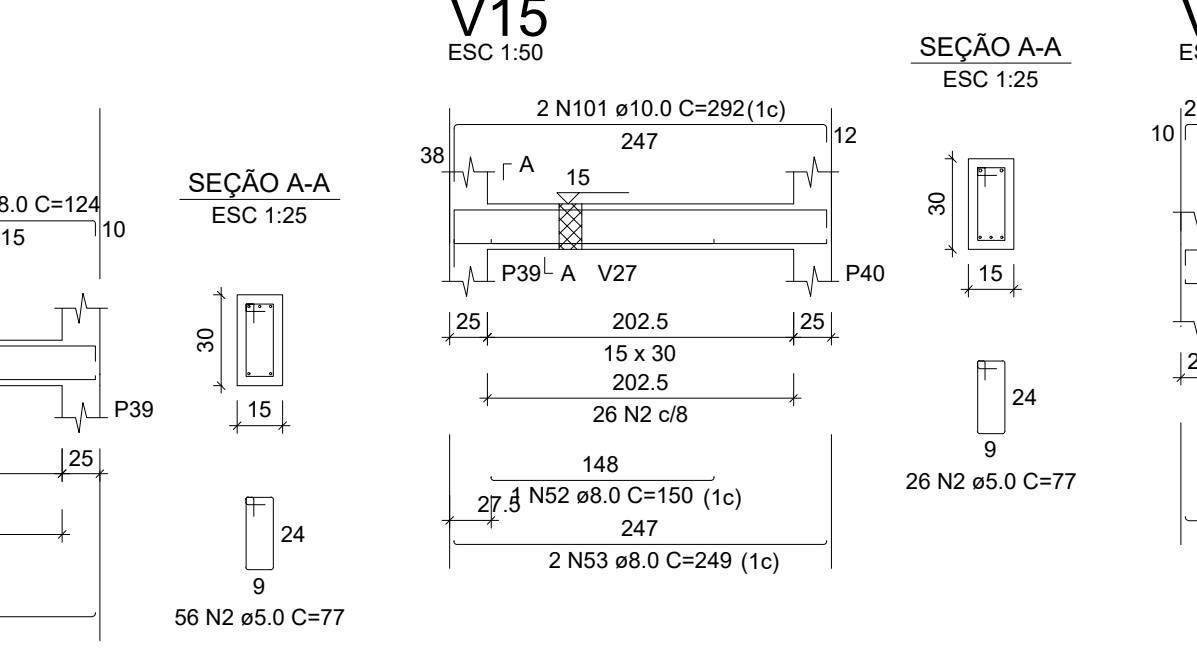
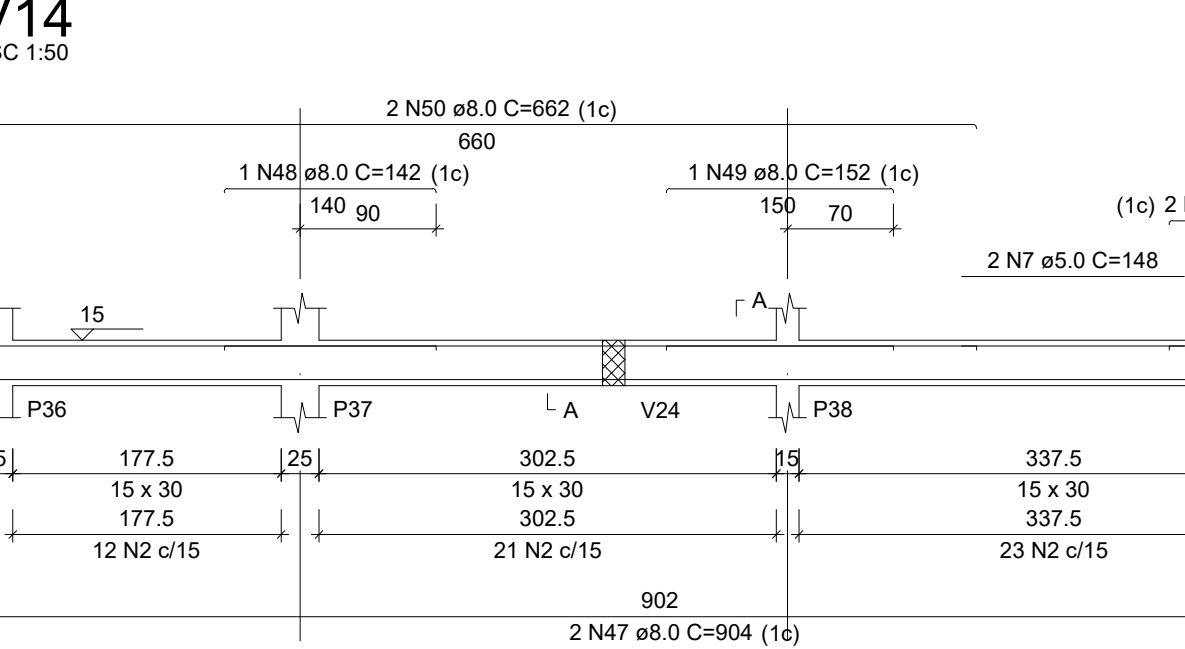
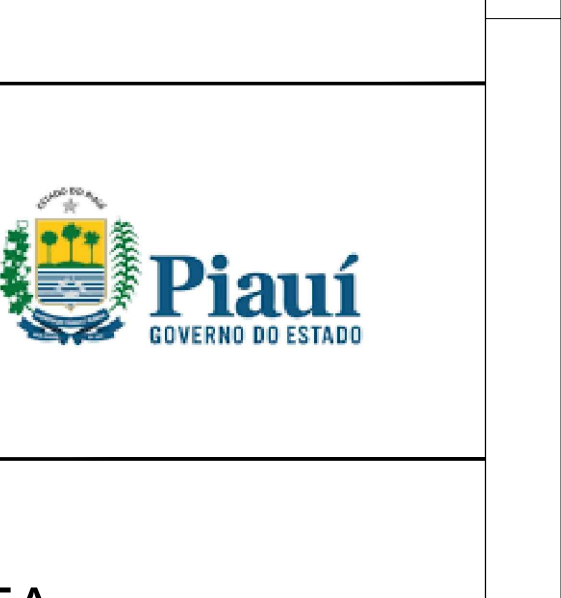
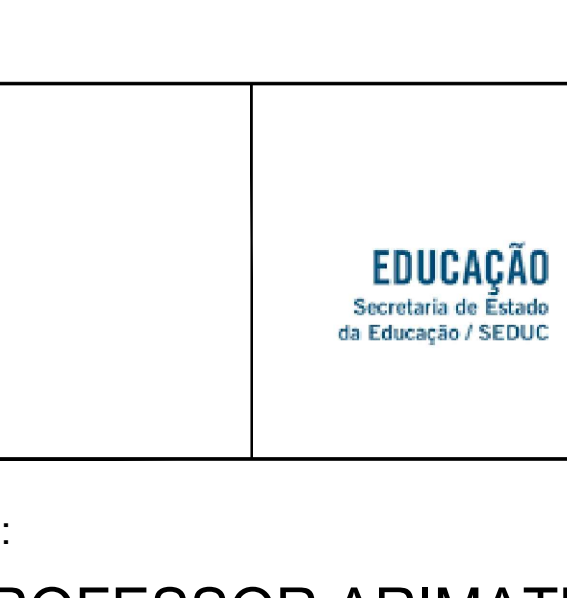
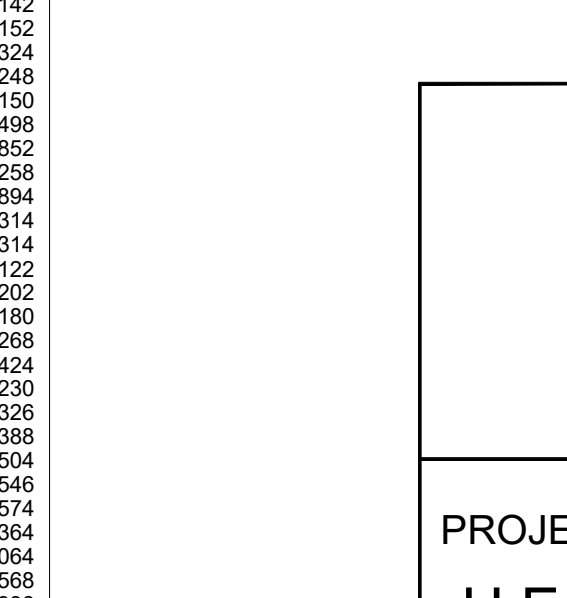
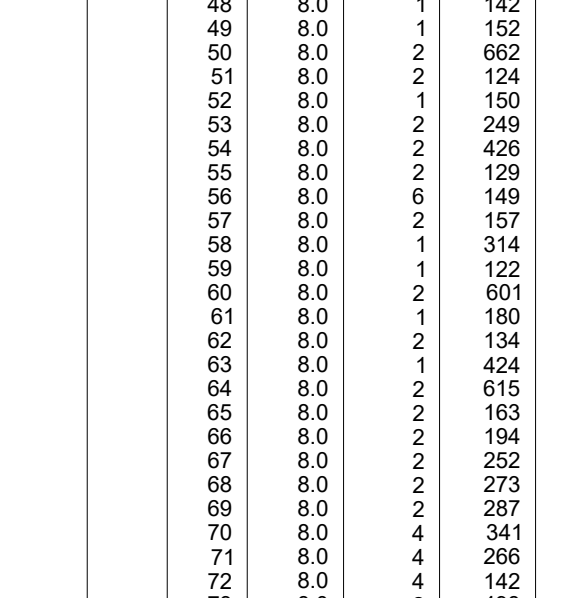
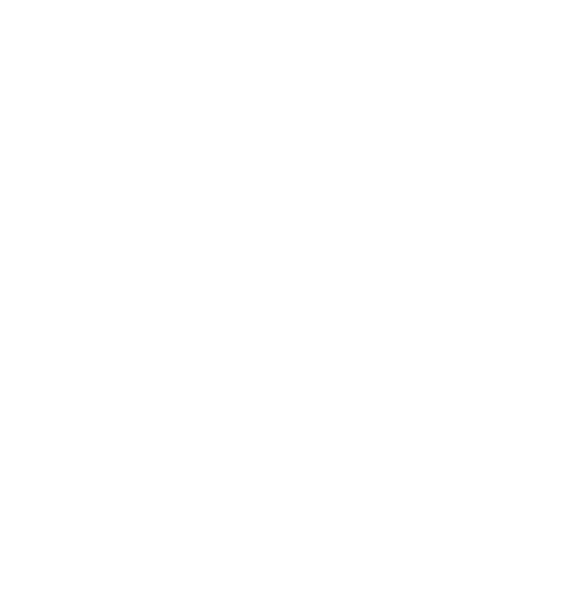
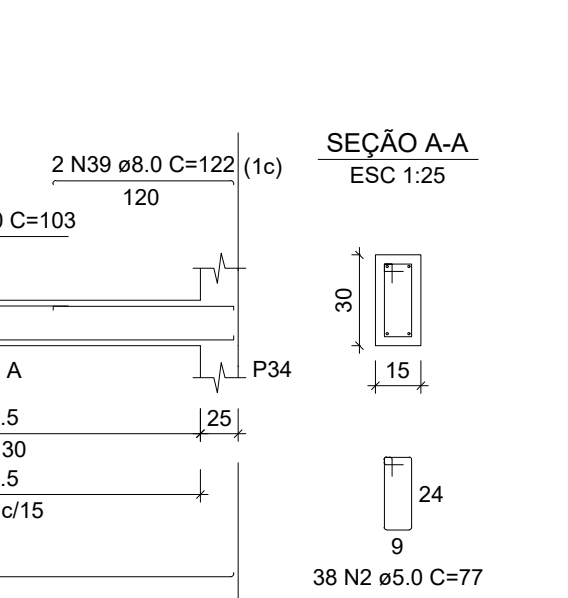
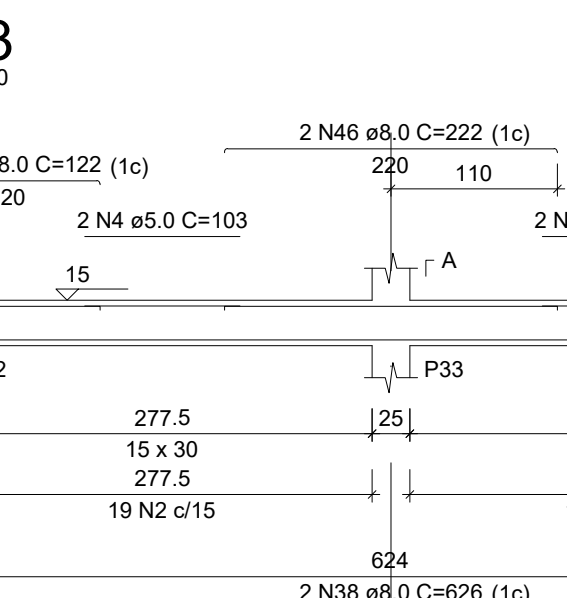
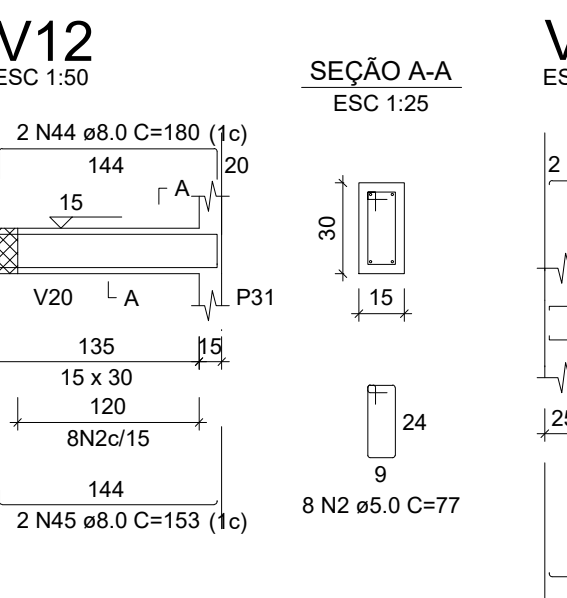
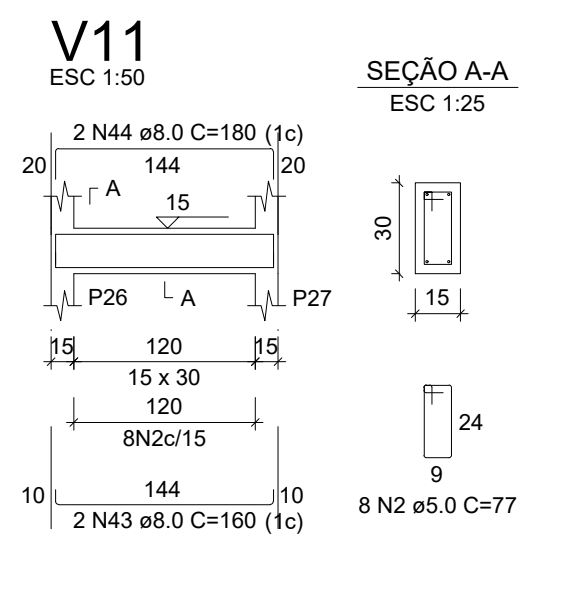
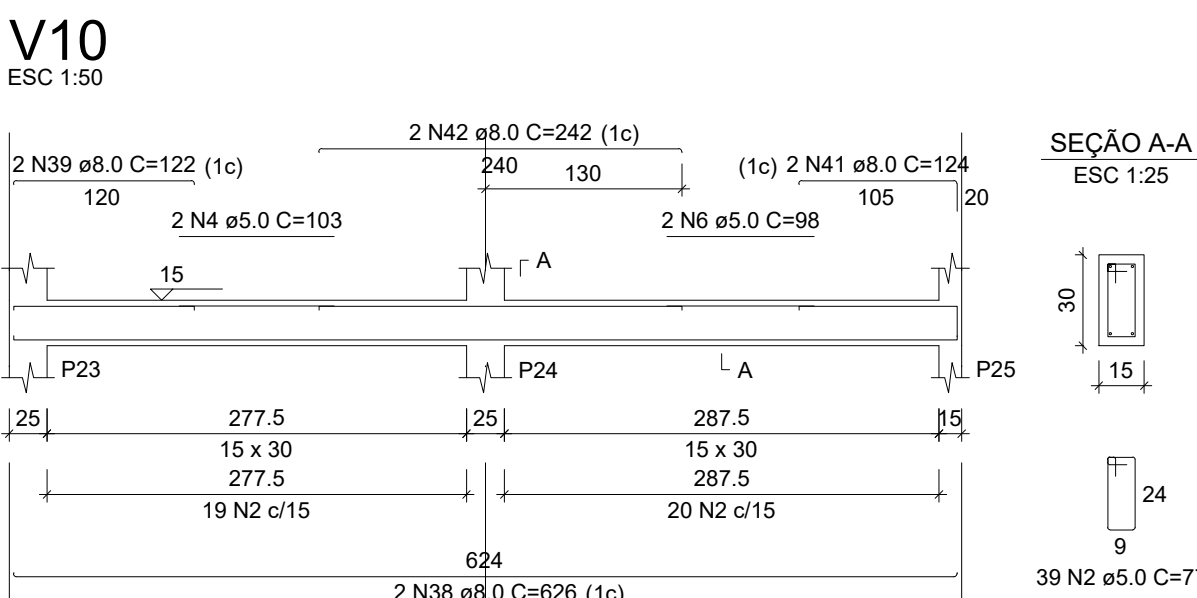
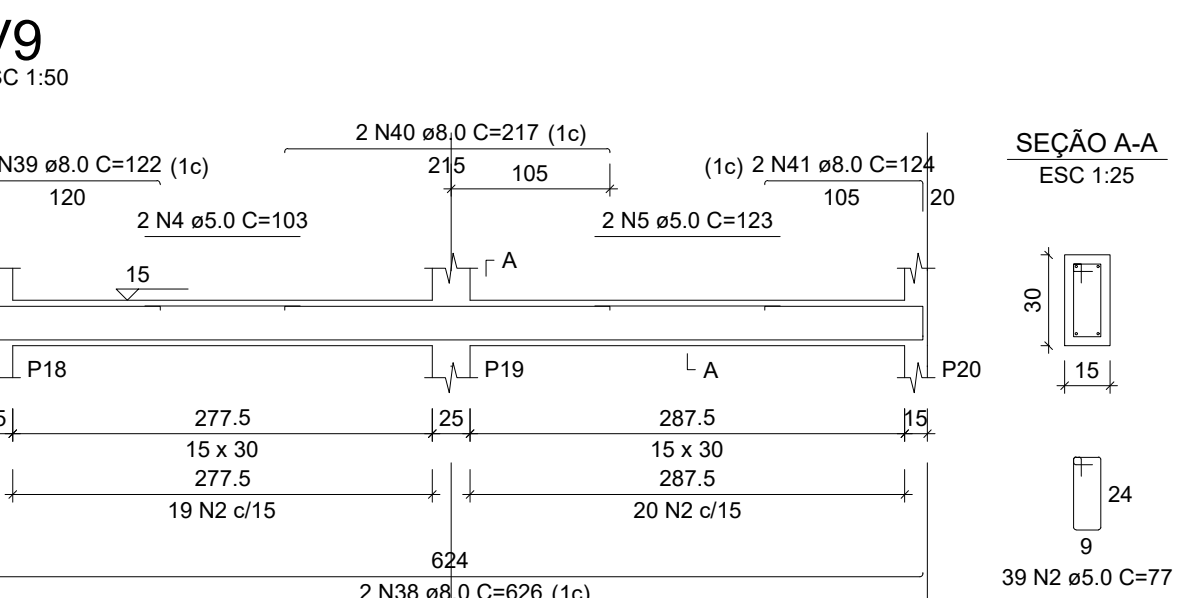
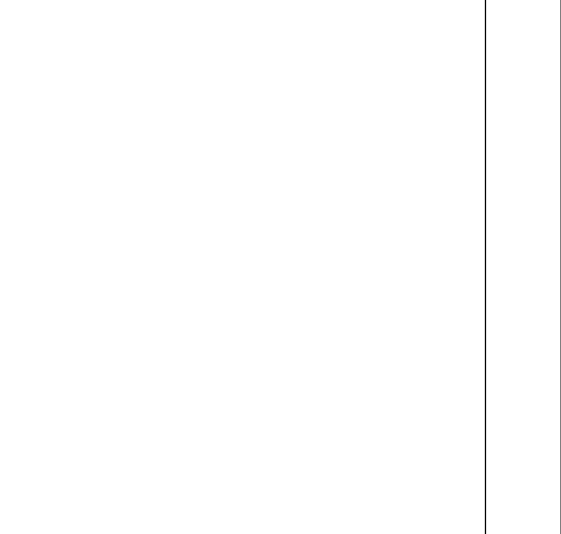
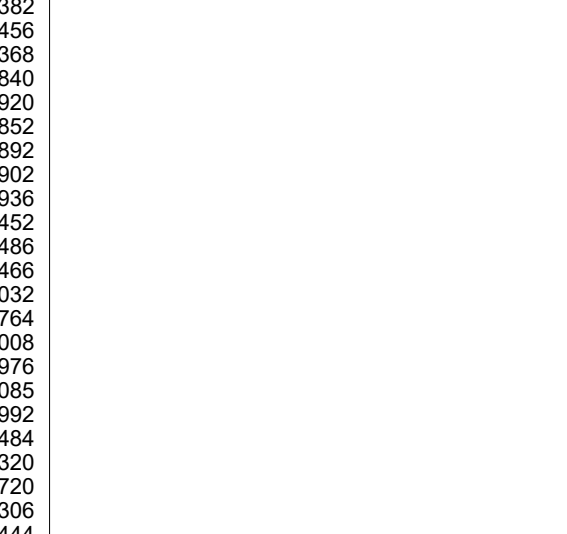
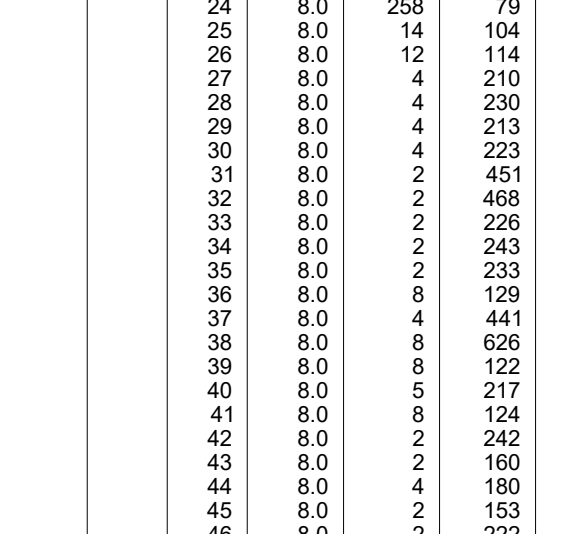
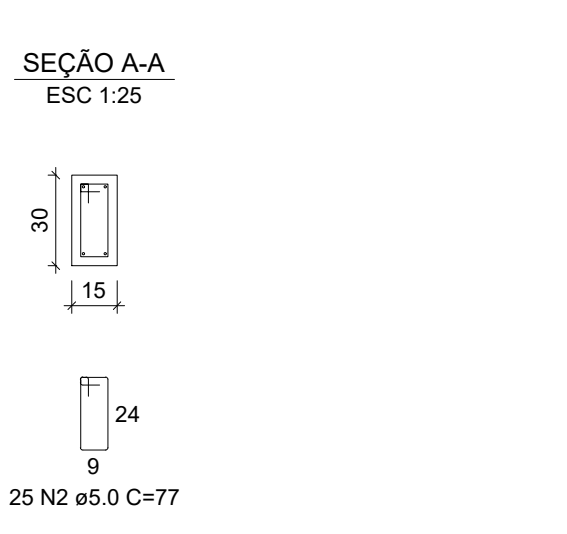
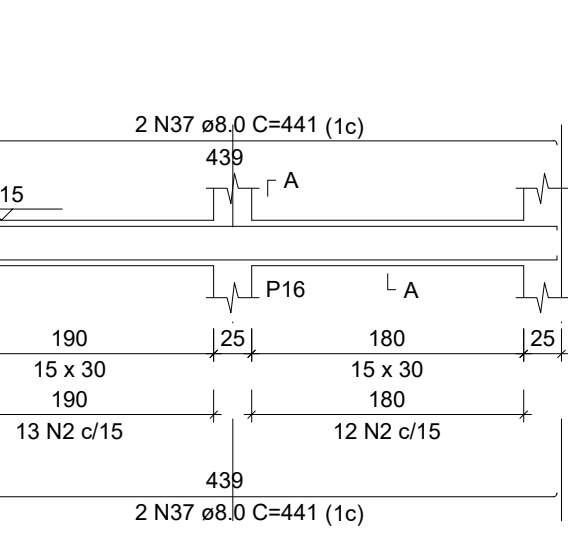
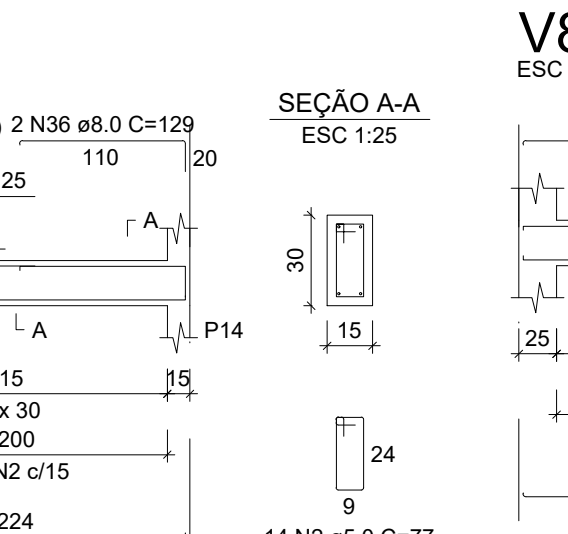
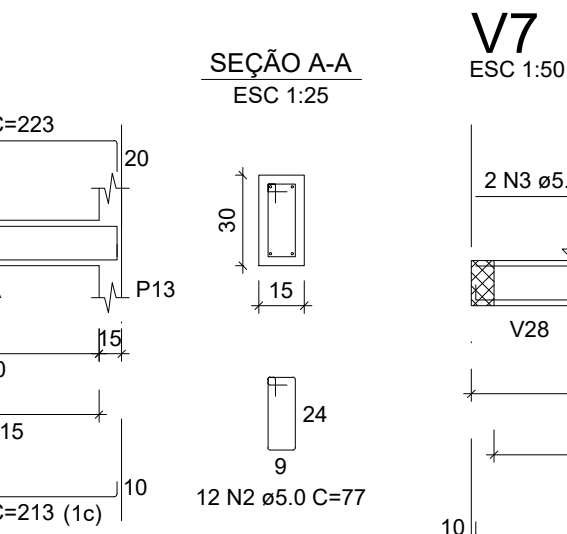
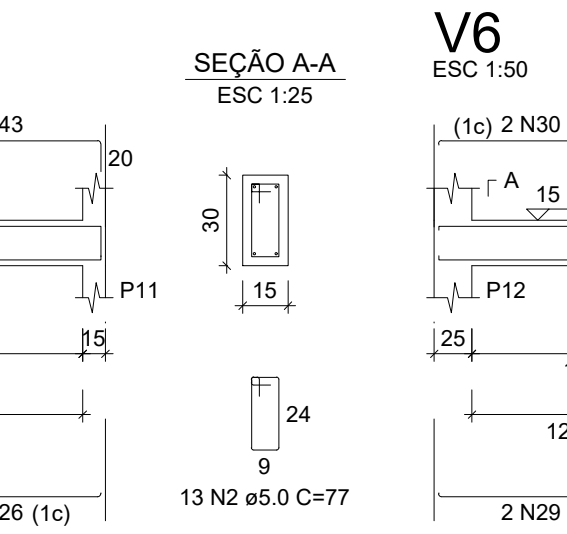
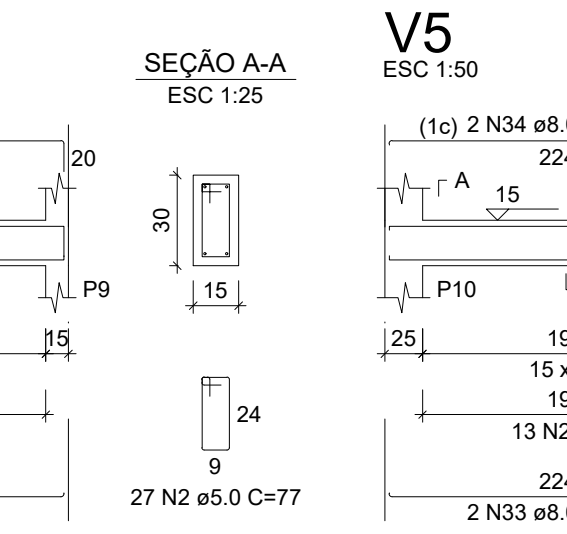
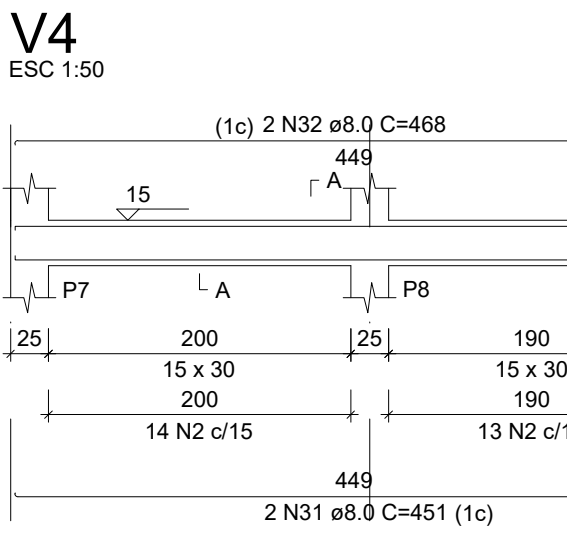
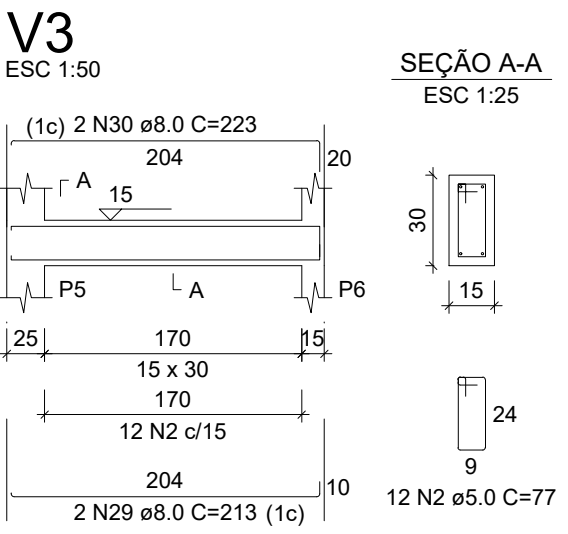
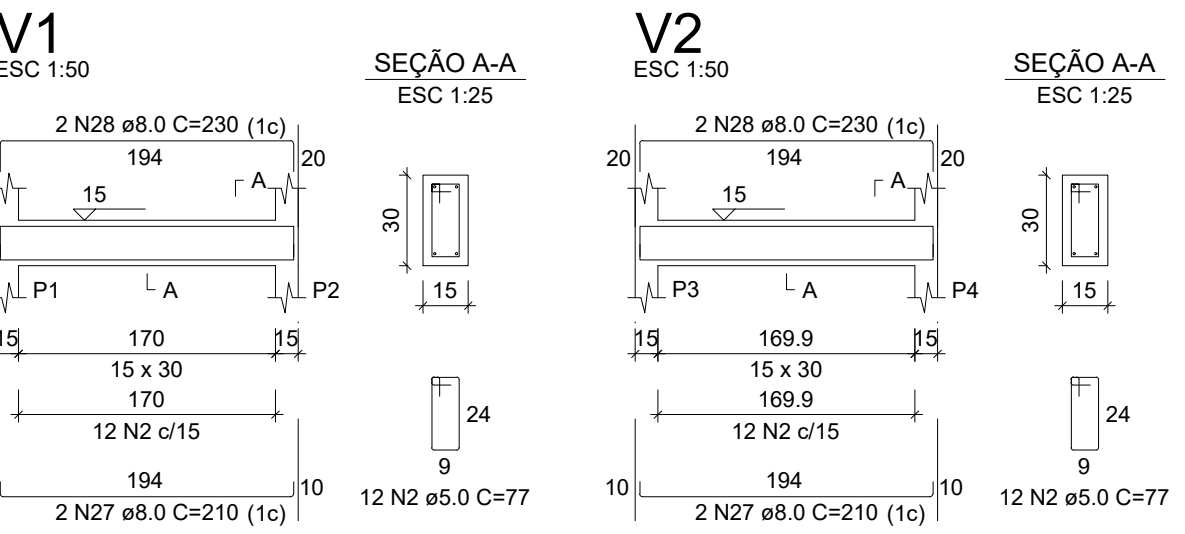


P38=P45



| RELAÇÃO DO AÇO | | | | | | |
|----------------|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| RESUMO DO AÇO | | | |
|-------------------------------------|-----------|--------------|-----------------|
| ACO | DIAM (mm) | C.TOTAL (cm) | PESO + 10% (kg) |
| CA50 | 8.0 | 1156.5 | 502 |
| CA60 | 10.0 | 306.9 | 281.1 |
| CA60 | 5.0 | 1112.5 | 188.6 |
| PESO TOTAL (kg) | | | 710.1 |
| CA50 | | | 188.6 |
| CA60 | | | 521.5 |
| Volume de concreto (C-25) = 8.80 m³ | | | |
| Volume de concreto (C-20) = 6.04 m³ | | | |
| Área de forma = 191.11 m² | | | |





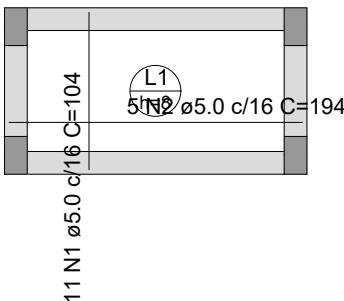
Armação negativa das lajes do pavimento Superior

escala 1:50

| RELAÇÃO DO AÇO | | | | | |
|----------------|---|-----------|-------|-------------|--------------|
| Negativos | | | | | |
| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
| CABO | 1 | 5.0 | 145 | 60 | 8700 |

| RESUMO DO AÇO | | | |
|-----------------|-----------|-------------|-----------------|
| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
| CABO | 5.0 | 87 | 14.8 |
| PESO TOTAL (kg) | | | |
| CABO | 14.8 | | |

Volume de concreto (C-25) = 0.00 m³
Área de forma = 0.00 m²



Armação positiva das lajes do pavimento Superior

escala 1:50

| RELAÇÃO DO AÇO | | | | | |
|----------------|---|-----------|-------|-------------|--------------|
| Positivos | | | | | |
| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
| CABO | 1 | 5.0 | 11 | 104 | 1144 |
| | 2 | 5.0 | 5 | 194 | 970 |
| | 3 | 5.0 | 20 | 204 | 4080 |
| | 4 | 5.0 | 12 | 339 | 4068 |
| | 5 | 5.0 | 15 | 144 | 2160 |
| | 6 | 5.0 | 8 | 254 | 2112 |

| RESUMO DO AÇO | | | |
|-----------------|-----------|-------------|-----------------|
| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
| CABO | 5.0 | 145.3 | 24.6 |
| PESO TOTAL (kg) | | | |
| CABO | 24.6 | | |

Volume de concreto (C-25) = 0.80 m³
Área de forma = 9.99 m²

EDUCAÇÃO

Secretaria de Estado da Educação / SEDUC

Piauí

GOVERNO DO ESTADO

PROJETO:
U.E PROFESSOR ARIMATEA

PROJETO TIPO: PROJETO DE INFRAESTRUTURA EDUCACIONAL

PROPRIETÁRIO:
NOME DO PROPRIETÁRIO
CPF.:
AUTOR DO PROJETO:
PHABULLO HUDSON SOUSA ARAUJO
CREA - 1918962669
RESPONSÁVEL TÉCNICO:
ARQUITETO / ENGENHEIRO
CAU / CREA

APROVAÇÕES:

OBSERVAÇÕES:

COORDENAÇÃO:
FADEX - Fundação Cultural e de Fomento à Pesquisa, Ensino, Extensão e Inovação
RESPONSÁVEL TÉCNICO:
-
PROPRIETÁRIO:
GOVERNO DO PIAUÍ
ENDEREÇO:
RUA FIRMINO LAGES
NOSSA SENHORA DOS REMEDIOS - PI
DESENHISTA:
PHABULLO HUDSON SOUSA ARAUJO
REVISÃO:
DATA:
06/06/21
ESCALA:
NO DESENHO
FORMATO:
A0 (841 x 1189)

CONTEÚDO:
DETALHAMENTO DA ARMAÇÃO POSITIVA E NEGATIVA DA LAJE

