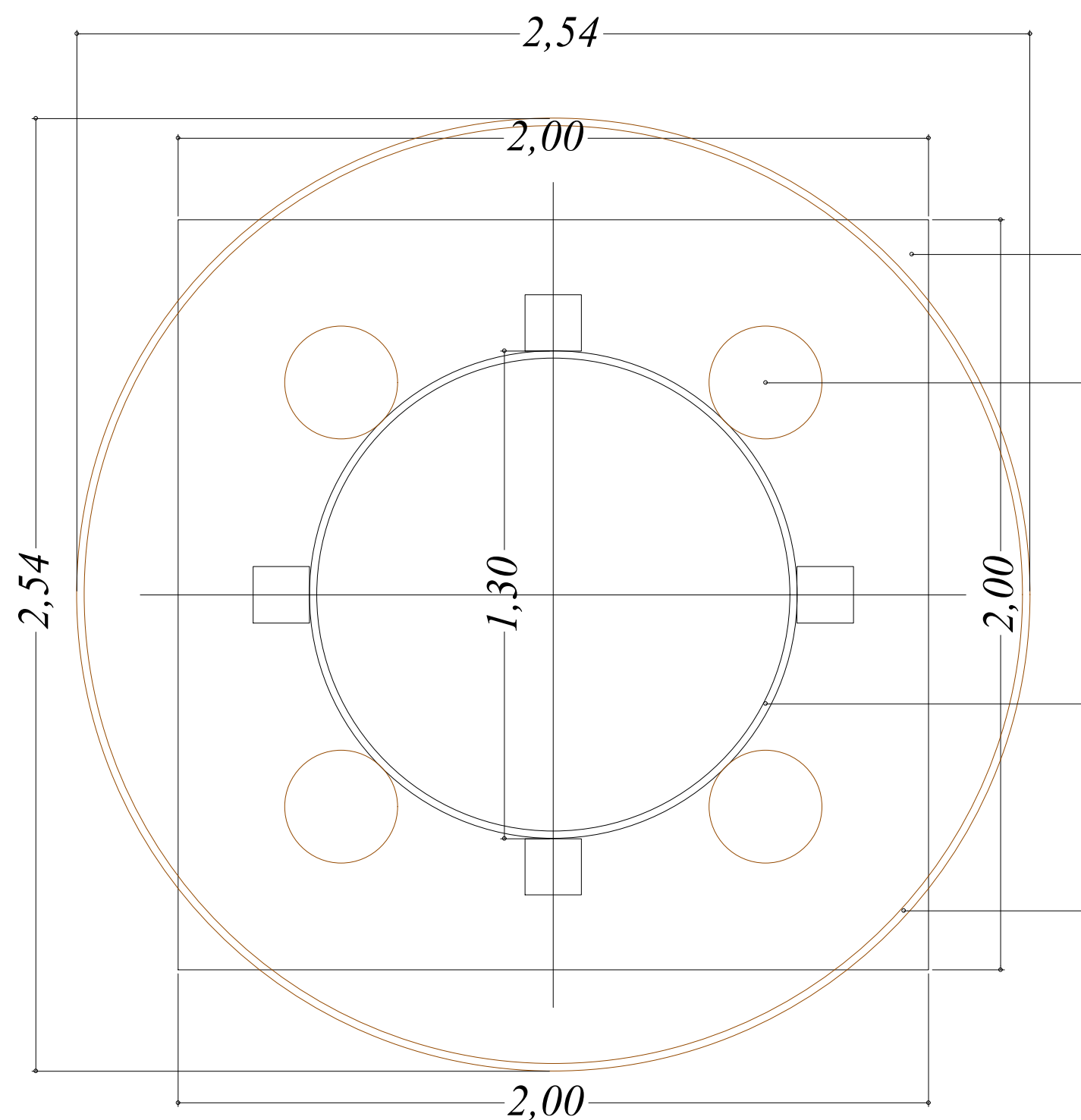
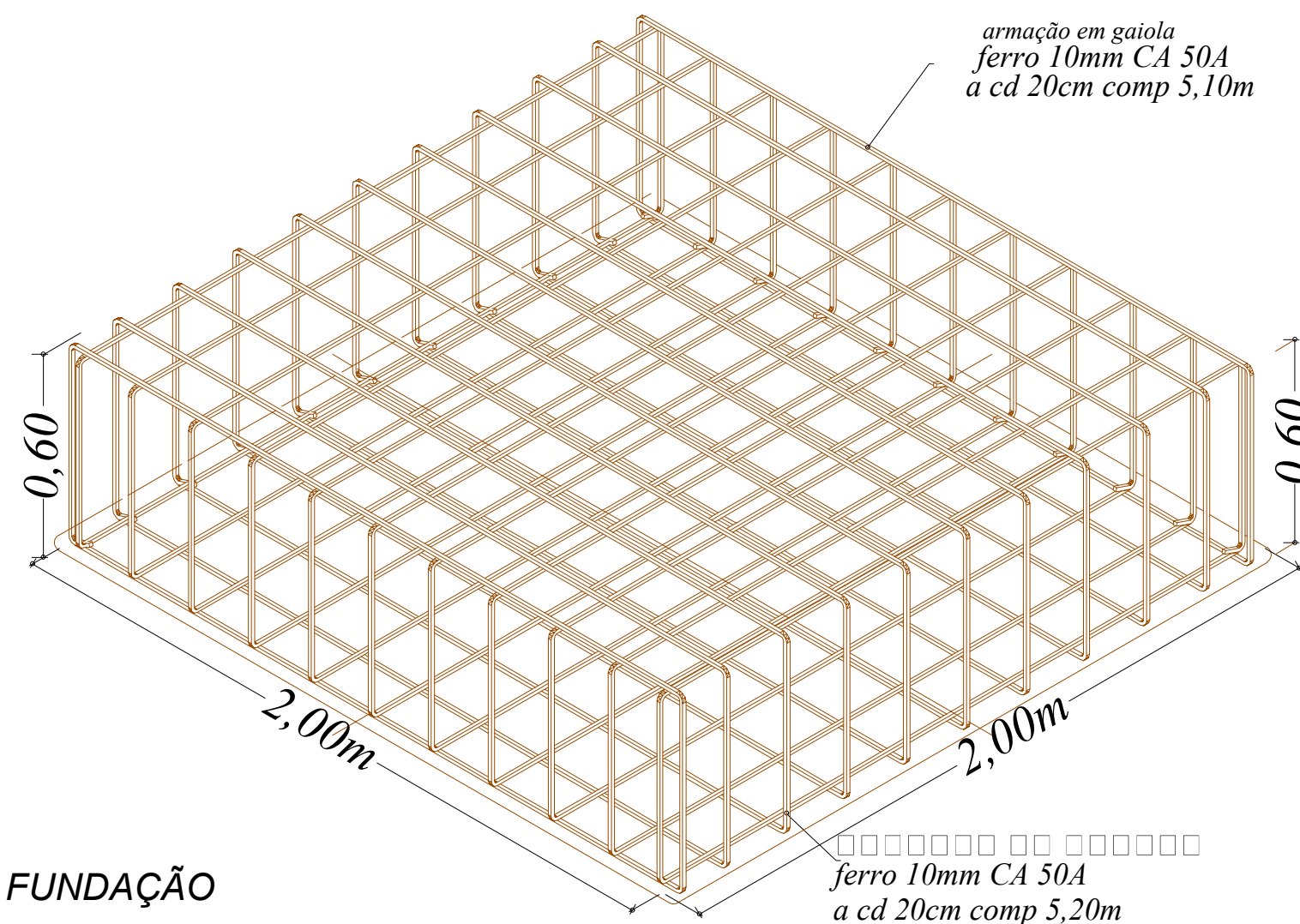
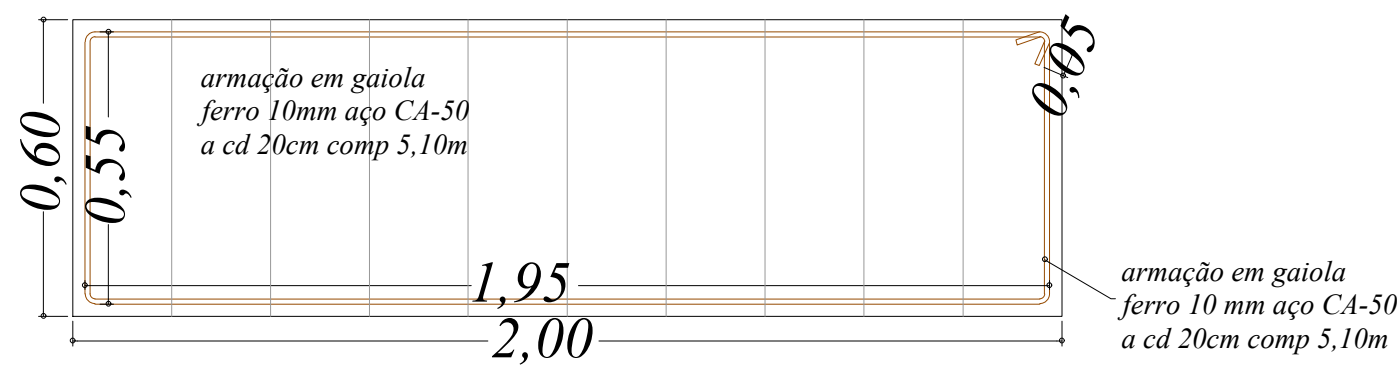


Detalhamento Ferragem  
Bloco Fundação. 2,00x2,00x0,60



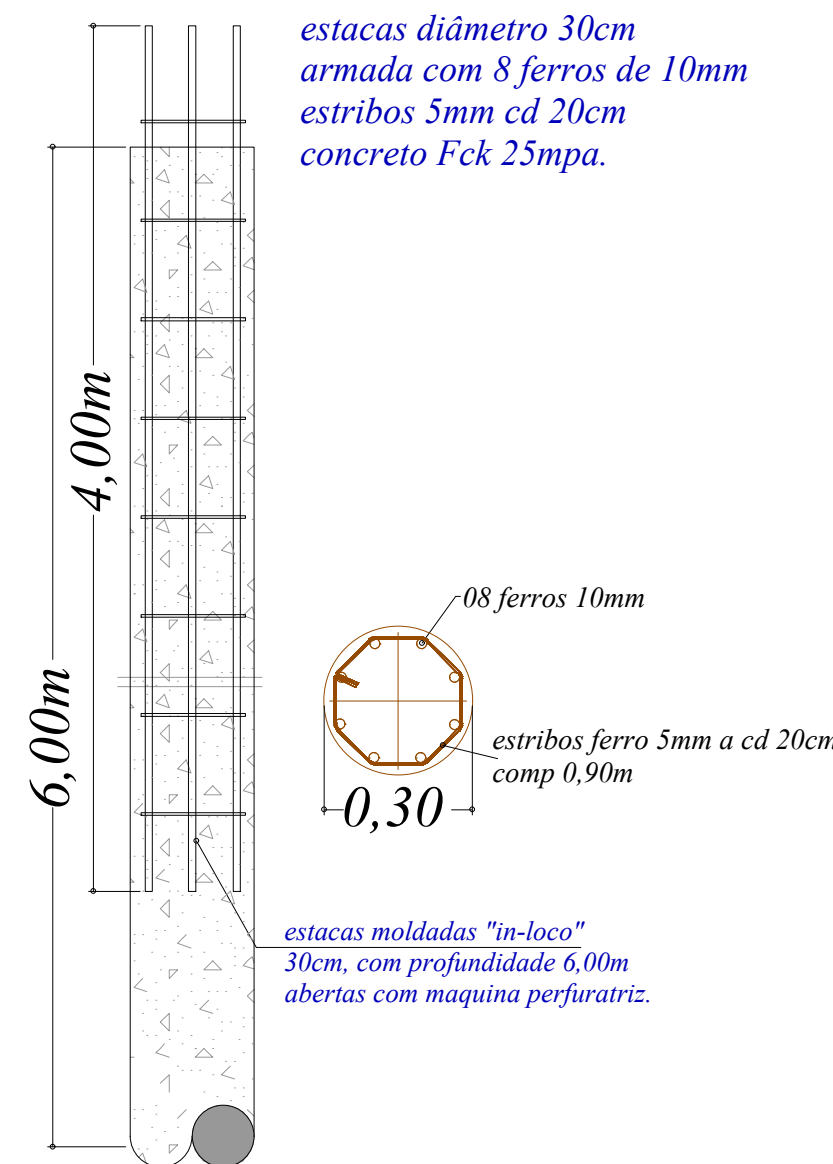
BLOCO DE FUNDAÇÃO

ESTACAS DE FUNDAÇÃO

COLUNA METÁLICA TUBULAR  
4.500 litros

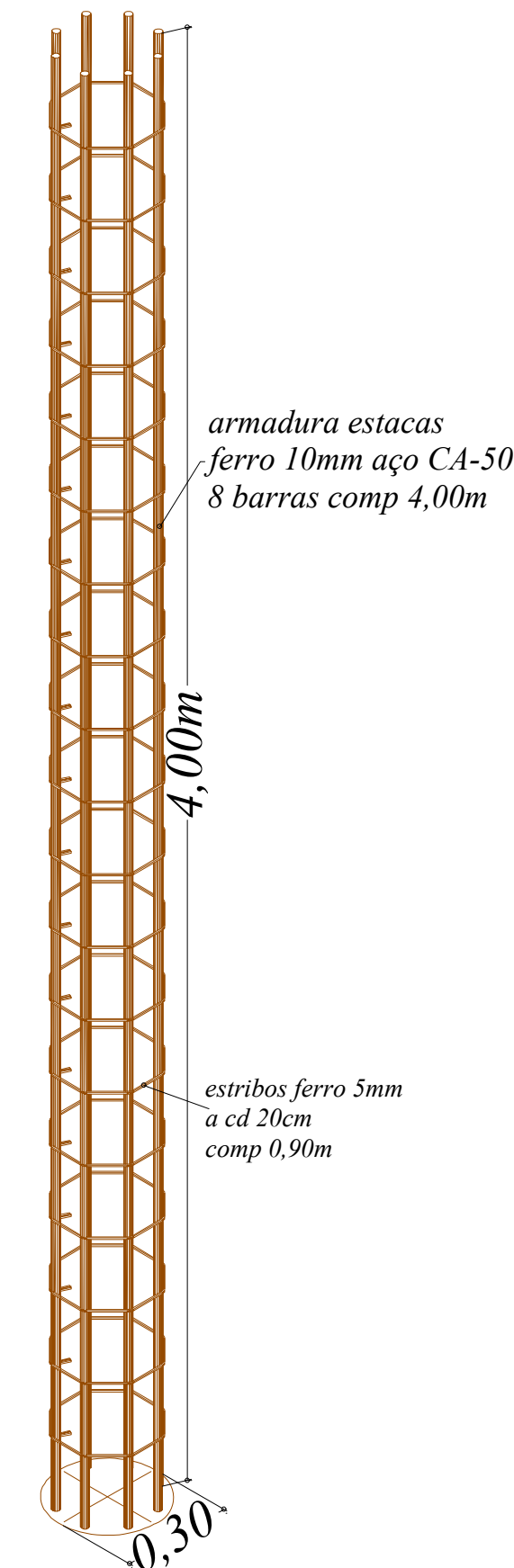
CAIXA D'ÁGUA METÁLICA TUBULAR  
15.500 litros

estacas diâmetro 30cm  
armada com 8 ferros de 10mm  
estribos 5mm cd 20cm  
concreto Fck 25mpa.



08 ferros 10mm  
estribos ferro 5mm a cd 20cm  
comp 0,90m

estacas moldadas "in-loco"  
30cm, com profundidade 6,00m  
abertas com maquina perfuratriz.



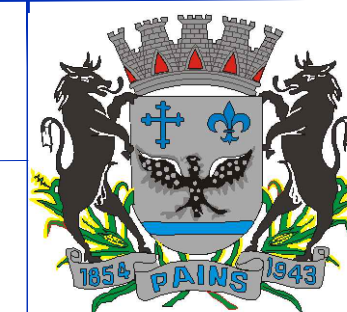
armadura estacas  
ferro 10mm aço CA-50  
8 barras comp 4,00m

estribos ferro 5mm  
a cd 20cm  
comp 0,90m

UBS - Unidade Básica de Saúde do Alvorada  
Rua Francisco Lino Alves, bairro Alvorada - Pains/MG.

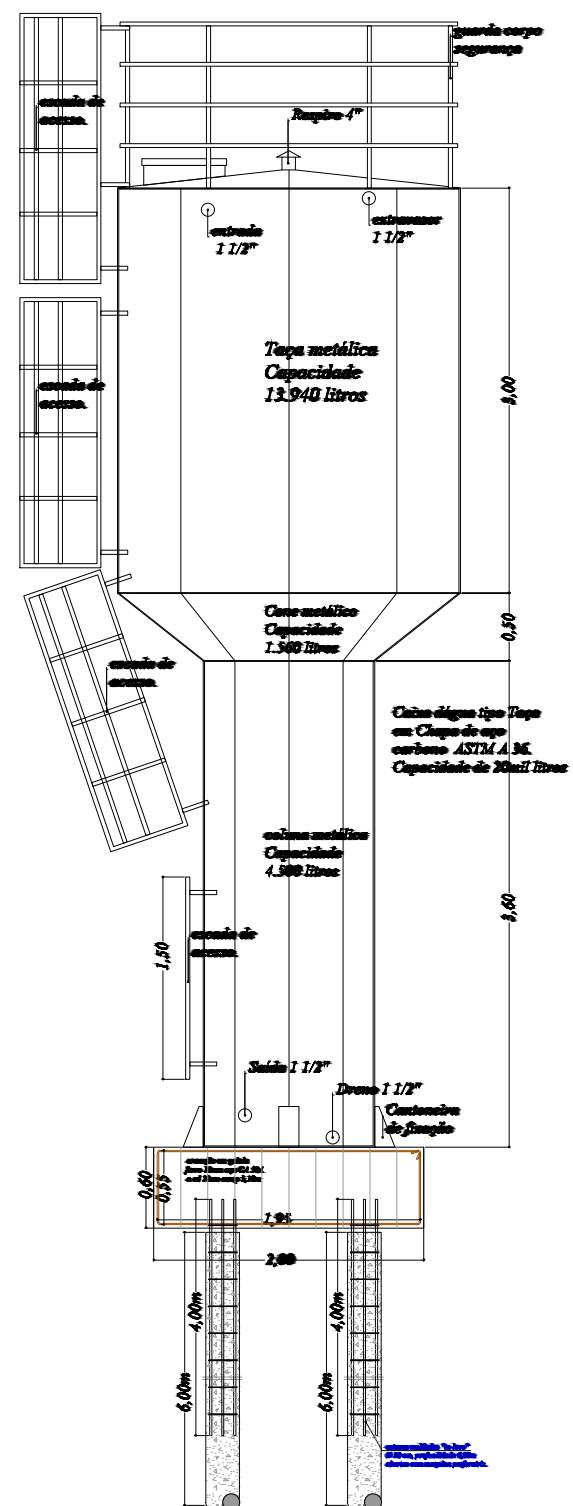
RT. Christian Carlos da Silva Teixeira CREA-MG 253.248/D

Assunto. Detalhamento ferragens estacas e  
bloco de fundação



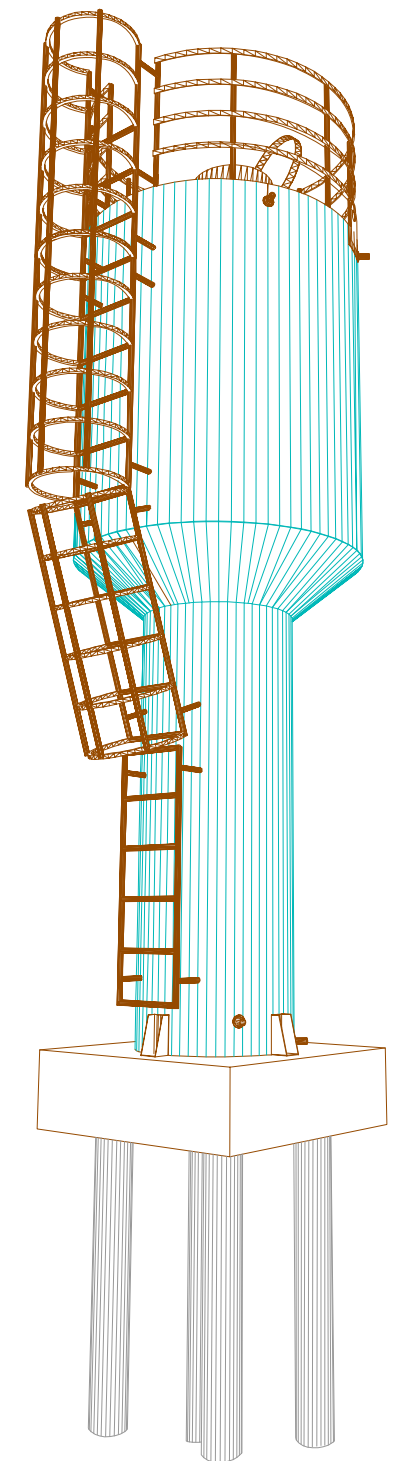
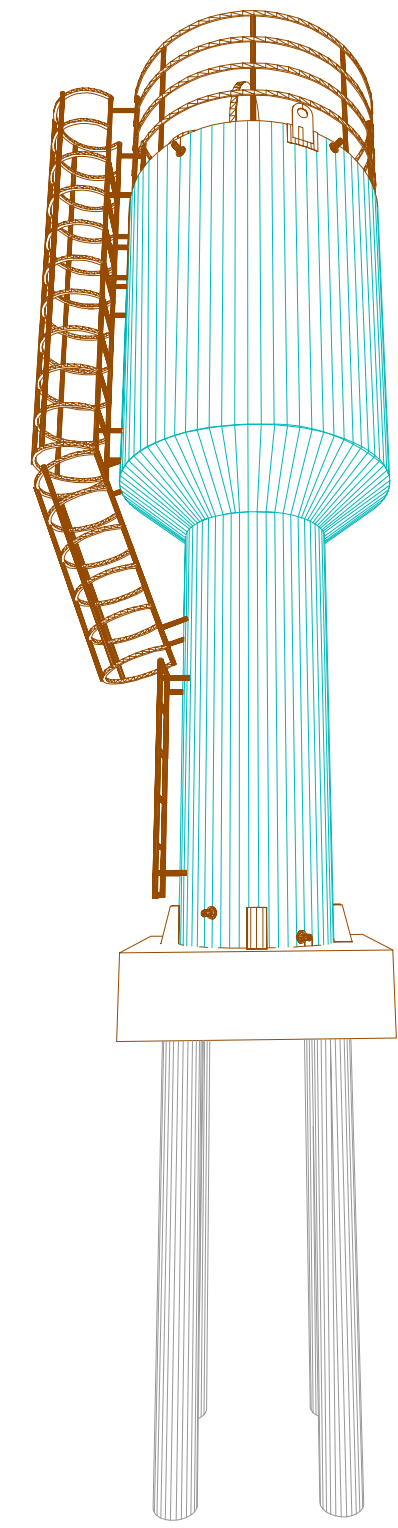
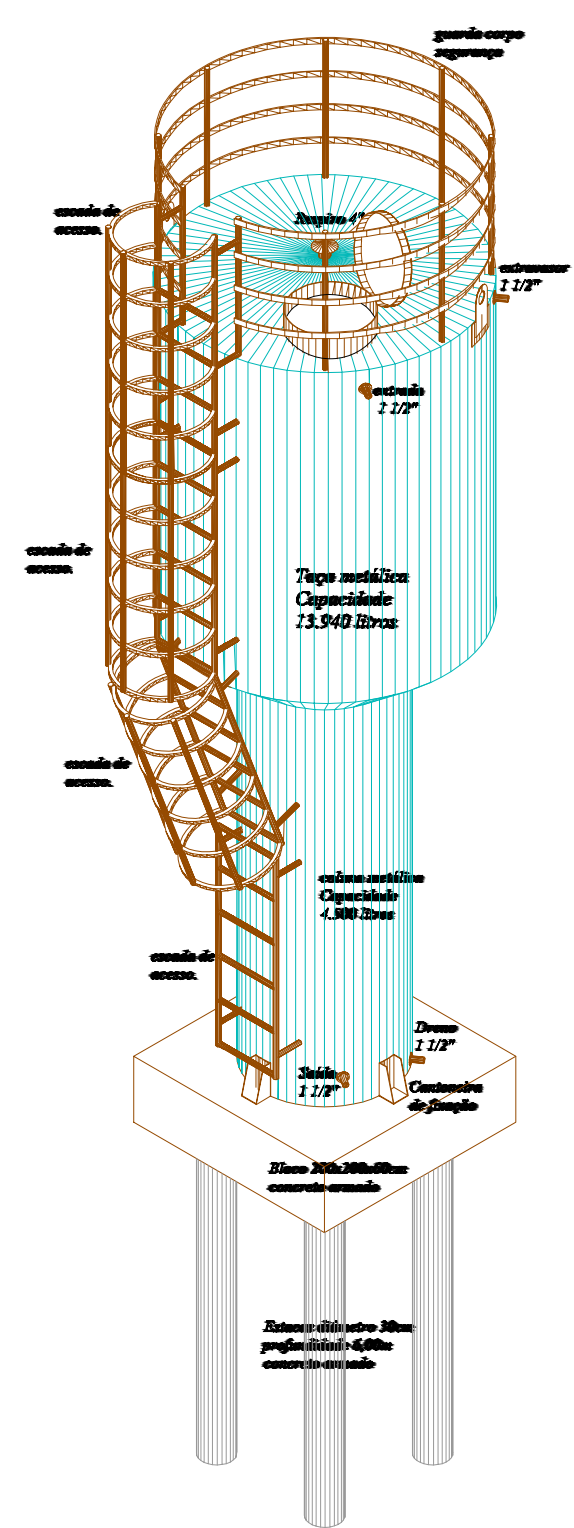
Prefeitura Municipal de Pains.

Escala Nominal  
1 : 20



Caixa d'água 20mil litros  
Corte e Detalhamentos

escala 1:50

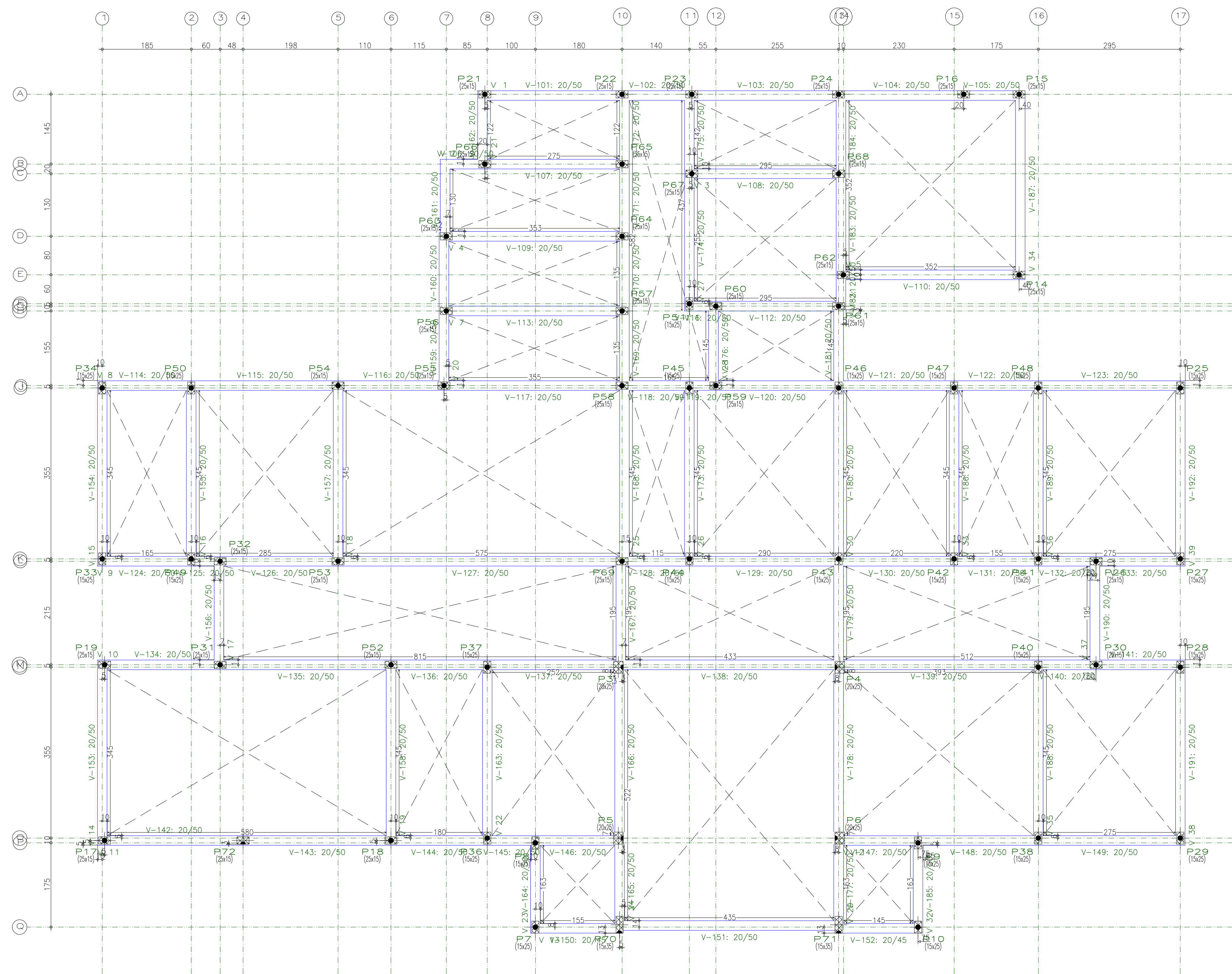


Caixa d'água 20mil litros

Elevações

escala 1:50

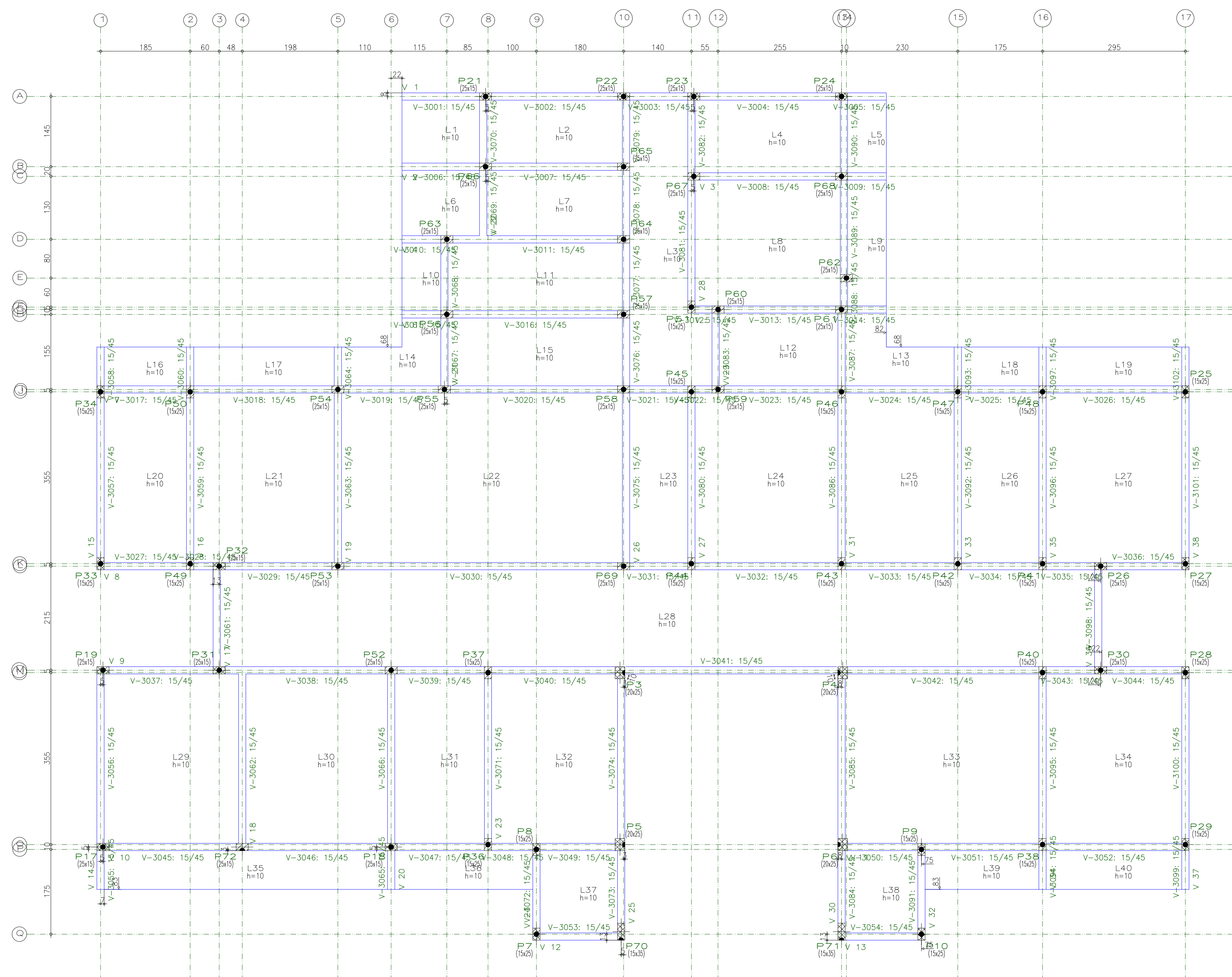




BALDRAME  
Piso  
Escala: 1:50

| BALDRAME                   |                |                    |                |               |
|----------------------------|----------------|--------------------|----------------|---------------|
| Elemento                   | Formas<br>(m2) | Superfície<br>(m2) | Volume<br>(m3) | Barra<br>(kg) |
| Vigas                      | 214.60         | 41.95              | 23.320         | 637           |
| Pilares                    | 6.40           | -                  | 0.640          | 1151          |
| Total                      | -              | 41.95              | 23.960         | 1788          |
| Índices (por m2)           | -              | -                  | 0.539          | 40.24         |
| Superfície total: 44.43 m2 |                |                    |                |               |

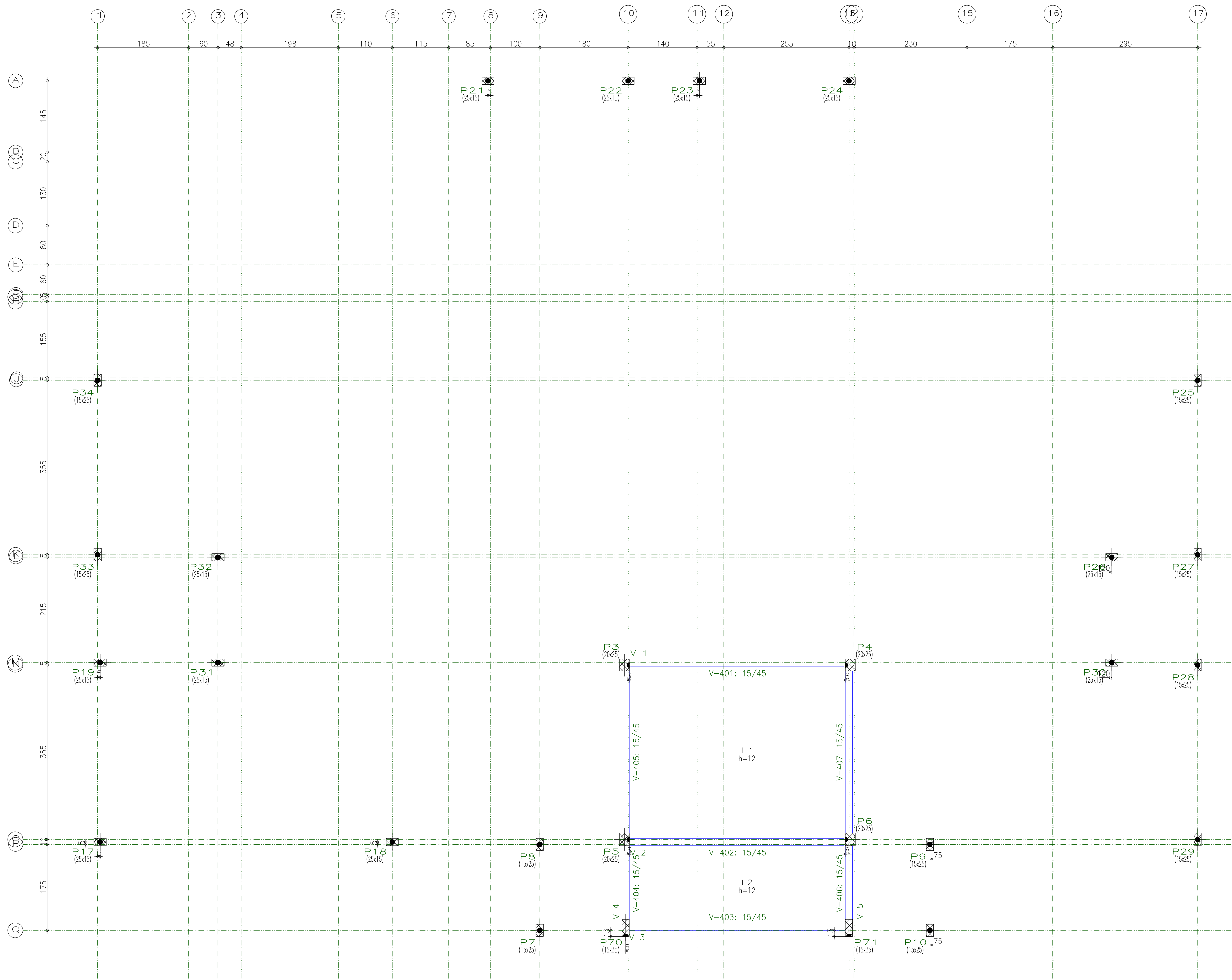
|          |                                    |            |       |            |
|----------|------------------------------------|------------|-------|------------|
| Projeto: | CREA-MG 253.248                    | ESTRUTURAL | Data: | 25-04-2024 |
| Local:   | PAINS-MG                           |            |       |            |
| Nome:    | UBS - ALVORADA                     |            |       |            |
| Des.no.: | Planta: FORMAS<br>ESTRUTURAL       |            |       |            |
| Autor:   | CHRISTIAN CARLOS DA SILVA TEIXEIRA |            |       |            |



Laje  
Piso  
Escala: 1:50

| LAJE                          |                             |                                 |                             |               |
|-------------------------------|-----------------------------|---------------------------------|-----------------------------|---------------|
| Elemento                      | Formas<br>(m <sup>2</sup> ) | Superfície<br>(m <sup>2</sup> ) | Volume<br>(m <sup>3</sup> ) | Barra<br>(kg) |
| Lojes maciças                 | -                           | 247,61                          | 24.760                      | 1174          |
| Vigas                         | 153,88                      | 31,01                           | 15.600                      | 576           |
| Pilares                       | 0,00                        | -                               | -                           | -             |
| Total                         | -                           | 278,62                          | 40.360                      | 1750          |
| Índices (por m <sup>2</sup> ) | -                           | -                               | 0,144                       | 6,23          |
| Superfície total:             | 280,99 m <sup>2</sup>       |                                 |                             |               |

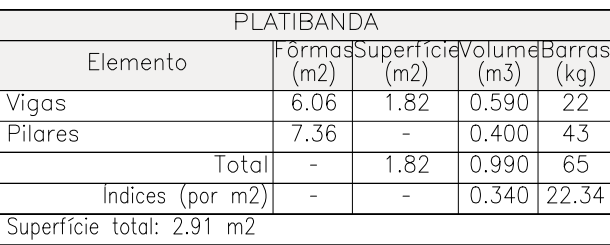
|                 |                                    |       |            |
|-----------------|------------------------------------|-------|------------|
| Projeto:        | ESTRUTURAL                         | Data: | 25-04-2024 |
| CREA-MG 253.248 |                                    |       |            |
| Local:          | PAINS-MG                           |       |            |
| Nome:           | UBS - ALVORADA                     |       |            |
| Des.no.:        | Planta: FORMAS ESTRUTURAL          |       |            |
| Autor:          | CHRISTIAN CARLOS DA SILVA TEIXEIRA |       |            |



| LAJE ENTRADA               |       |            |        |       |
|----------------------------|-------|------------|--------|-------|
| Elemento                   | Forma | Superfície | Volume | Barra |
|                            | (m2)  | (m2)       | (m3)   | (kg)  |
| Lojes maciças              | -     | 22.32      | 2.680  | 141   |
| Vigas                      | 17.18 | 3.43       | 1.730  | 82    |
| Pilares                    | 24.70 | -          | 1.210  | 312   |
| Total                      | -     | 25.75      | 5.620  | 535   |
| Índices (por m2)           | -     | -          | 0.209  | 19.93 |
| Superfície total: 26.84 m2 |       |            |        |       |

LAJE ENTRADA  
Piso  
Escala: 1:50

|          |                                    |            |       |            |
|----------|------------------------------------|------------|-------|------------|
| Projeto: | CREA-MG 253.248                    | ESTRUTURAL | Data: | 29-04-2024 |
| Local:   | PAINS-MG                           |            |       |            |
| Nome:    | UBS - ALVORADA                     |            |       |            |
| Des.no.: | Planta: FORMAS ESTRUTURAL          |            |       |            |
| Autor:   | CHRISTIAN CARLOS DA SILVA TEIXEIRA |            |       |            |



|                                           |                           |                  |
|-------------------------------------------|---------------------------|------------------|
| Projeto: ESTRUTURAL                       |                           | Date: 25-04-2024 |
| CREA-MG 253.248                           |                           |                  |
| Local: PAINS-MG                           |                           |                  |
| Nome: UBS - ALVORADA                      |                           |                  |
| Des.no.:                                  | Planta: FORMAS ESTRUTURAL |                  |
| Autor: CHRISTIAN CARLOS DA SILVA TEIXEIRA |                           |                  |