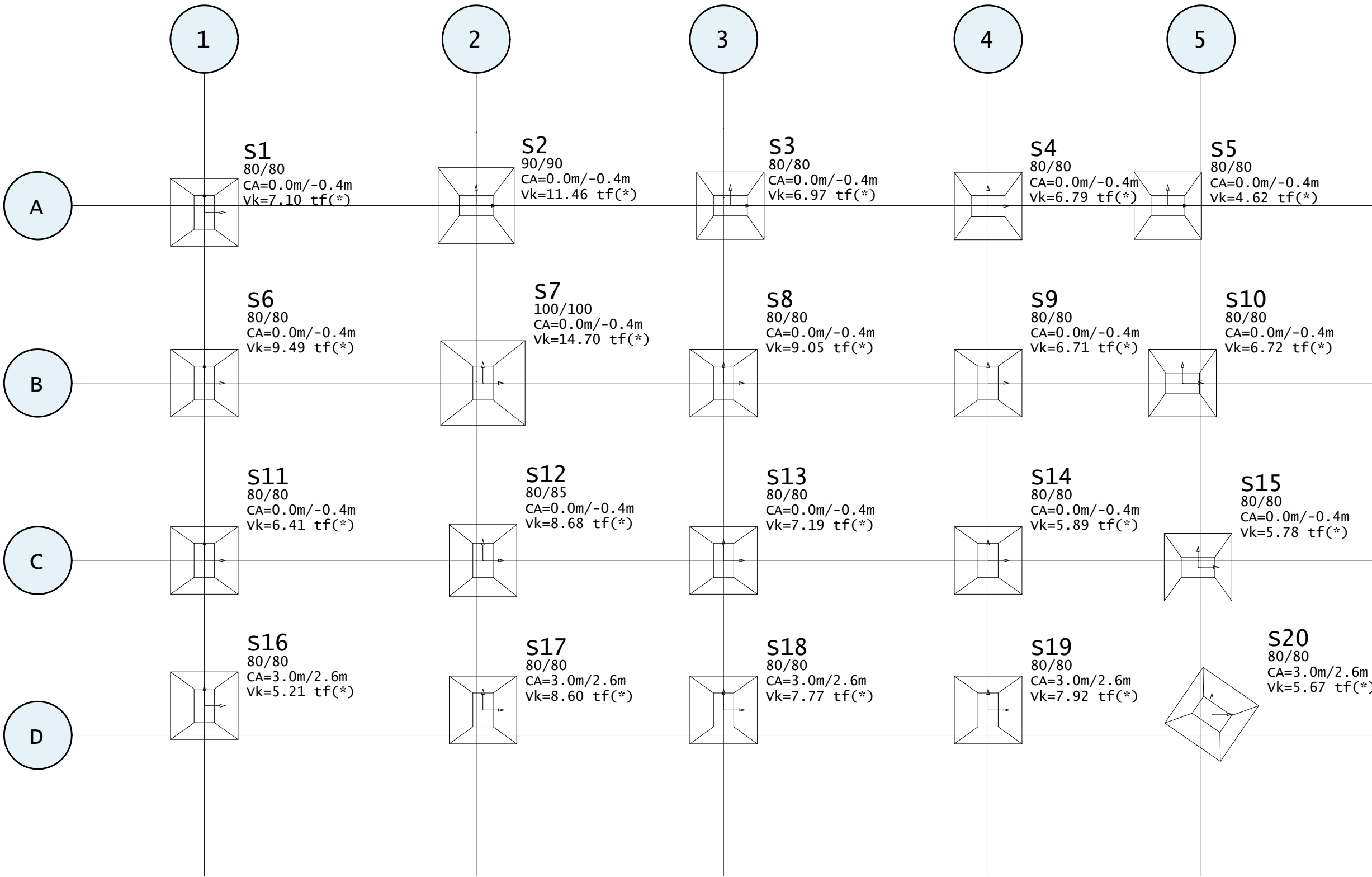
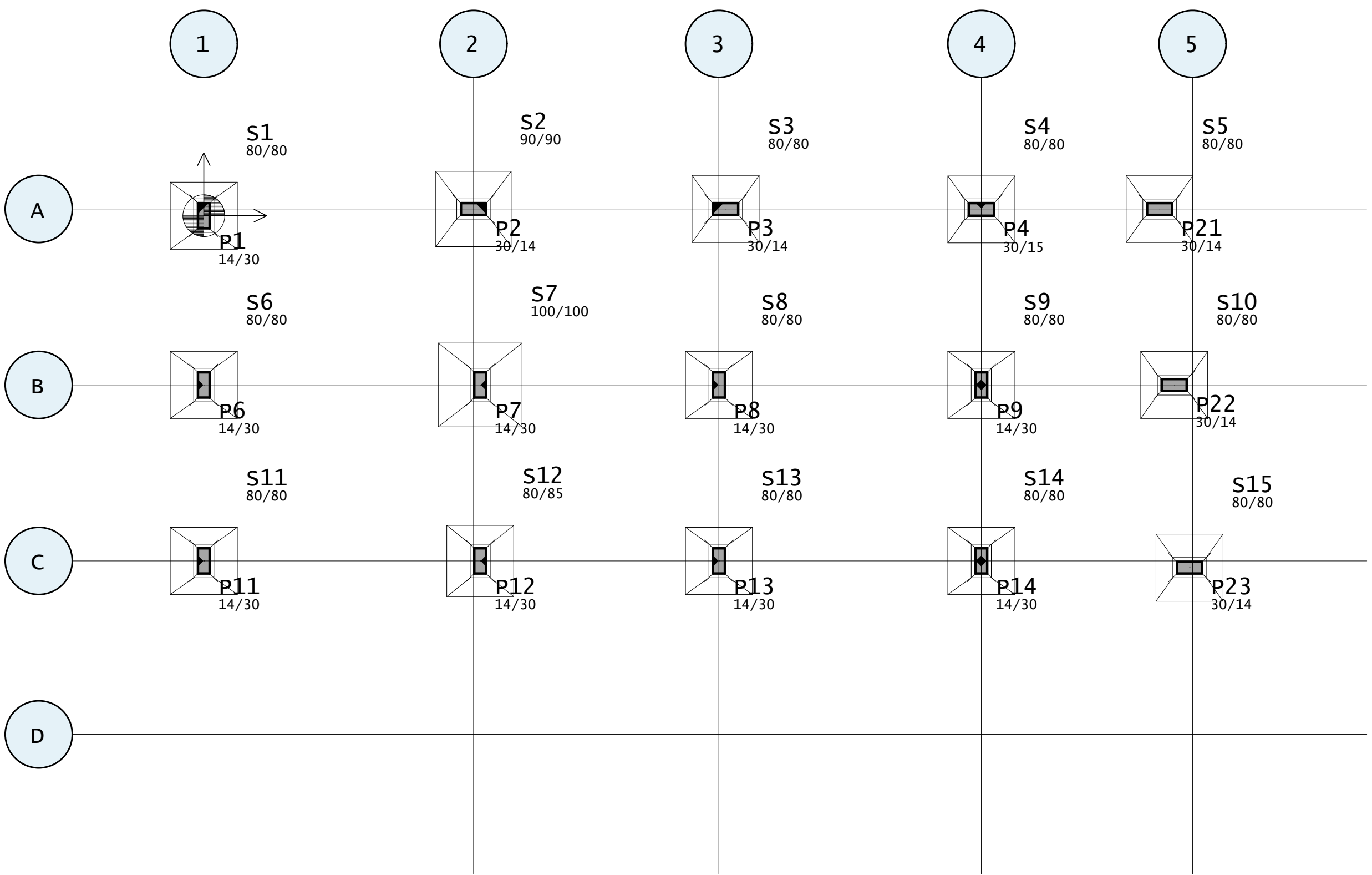




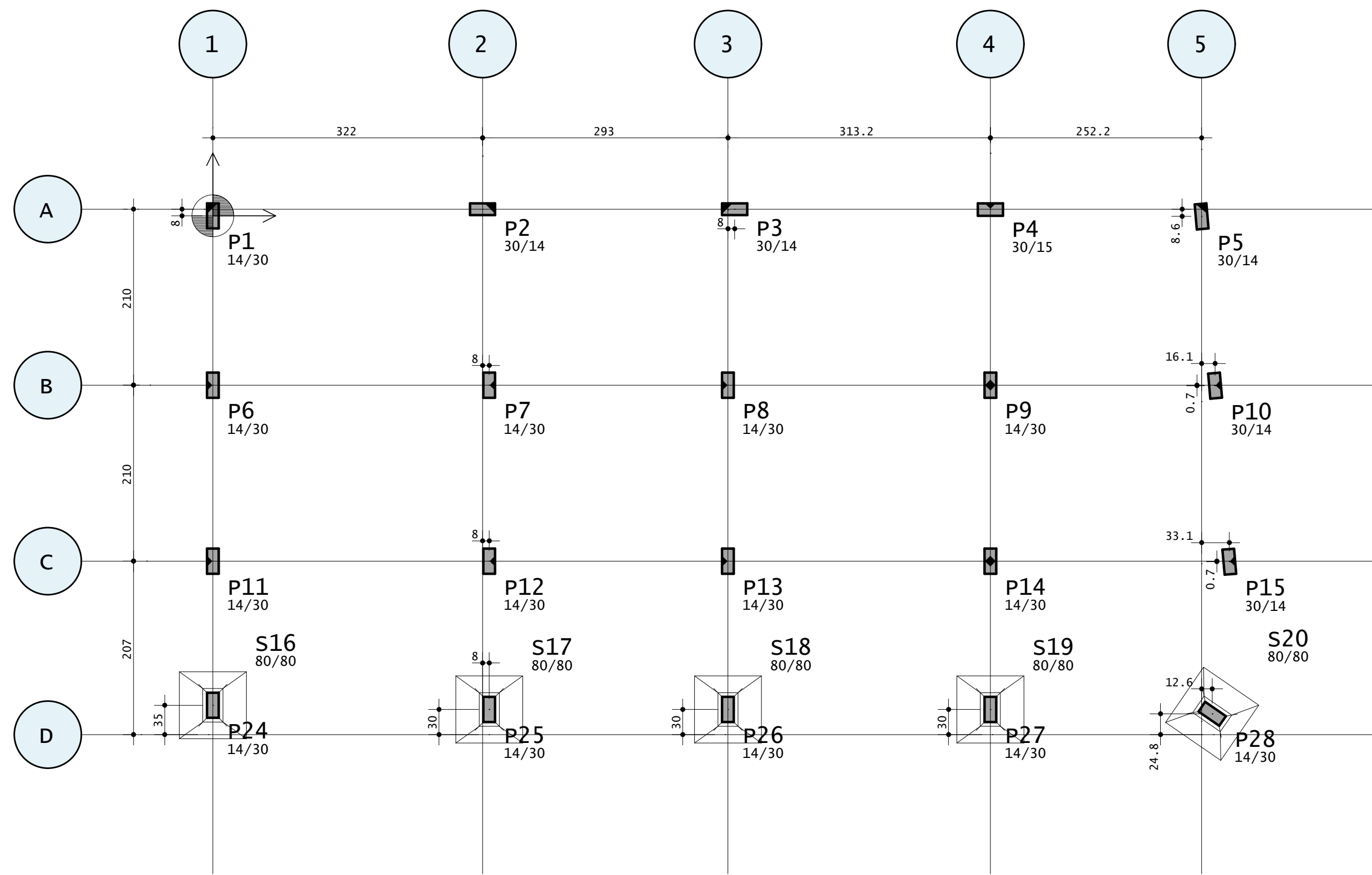
| Elem | FZ MAX-ELU2-Verificações de estado limite último - Pilares e fundações |       |       |        |        |        | MX MAX-ELU2-Verificações de estado limite último - Pilares e fundações |       |       |        |        |        | MY MAX-ELU2-Verificações de estado limite último - Pilares e fundações |       |       |        |        |        | FZ MIN-ELU2-Verificações de estado limite último - Pilares e fundações |       |       |        |        |        | MX MIN-ELU2-Verificações de estado limite último - Pilares e fundações |       |       |        |        |        | MY MIN-ELU2-Verificações de estado limite último - Pilares e fundações |       |       |        |        |        |
|------|------------------------------------------------------------------------|-------|-------|--------|--------|--------|------------------------------------------------------------------------|-------|-------|--------|--------|--------|------------------------------------------------------------------------|-------|-------|--------|--------|--------|------------------------------------------------------------------------|-------|-------|--------|--------|--------|------------------------------------------------------------------------|-------|-------|--------|--------|--------|------------------------------------------------------------------------|-------|-------|--------|--------|--------|
|      | Fz tf                                                                  | Fx tf | Fy tf | Mx tfm | My tfm | Mz tfm | Fz tf                                                                  | Fx tf | Fy tf | Mx tfm | My tfm | Mz tfm | Fz tf                                                                  | Fx tf | Fy tf | Mx tfm | My tfm | Mz tfm | Fz tf                                                                  | Fx tf | Fy tf | Mx tfm | My tfm | Mz tfm | Fz tf                                                                  | Fx tf | Fy tf | Mx tfm | My tfm | Mz tfm | Fz tf                                                                  | Fx tf | Fy tf | Mx tfm | My tfm | Mz tfm |
| S1   | 7.48                                                                   | -0.02 | -0.01 | 0.02   | 0.00   | -0.00  | 7.25                                                                   | -0.04 | -0.02 | 0.03   | -0.01  | -0.00  | 6.82                                                                   | -0.01 | -0.00 | 0.02   | 0.02   | -0.00  | 6.58                                                                   | -0.03 | -0.01 | 0.03   | -0.00  | -0.00  | 6.82                                                                   | -0.01 | -0.00 | 0.02   | 0.02   | -0.00  | 7.25                                                                   | -0.04 | -0.02 | 0.03   | -0.01  | -0.00  |
| S2   | 11.64                                                                  | 0.13  | -0.01 | 0.01   | 0.08   | -0.00  | 11.54                                                                  | 0.13  | -0.01 | 0.01   | 0.08   | -0.00  | 11.24                                                                  | 0.13  | -0.01 | 0.01   | 0.13   | -0.00  | 10.40                                                                  | 0.11  | -0.00 | 0.01   | 0.07   | -0.00  | 10.40                                                                  | 0.11  | -0.00 | 0.01   | 0.07   | -0.00  | 11.26                                                                  | 0.11  | -0.01 | 0.01   | 0.02   | -0.00  |
| S3   | 7.11                                                                   | 0.09  | -0.00 | 0.01   | 0.08   | -0.00  | 6.99                                                                   | 0.09  | -0.01 | 0.01   | 0.07   | -0.00  | 6.91                                                                   | 0.10  | -0.00 | 0.01   | 0.12   | -0.00  | 6.28                                                                   | 0.08  | -0.00 | 0.01   | 0.06   | -0.00  | 6.31                                                                   | 0.08  | -0.00 | 0.01   | 0.07   | -0.00  | 6.79                                                                   | 0.08  | -0.00 | 0.01   | 0.02   | -0.00  |
| S4   | 6.84                                                                   | 0.35  | -0.01 | 0.01   | 0.13   | -0.00  | 6.72                                                                   | 0.32  | -0.01 | 0.01   | 0.10   | -0.00  | 6.53                                                                   | 0.47  | -0.00 | 0.01   | 0.24   | -0.00  | 6.02                                                                   | 0.37  | -0.00 | 0.01   | 0.16   | -0.00  | 6.53                                                                   | 0.46  | -0.00 | 0.01   | 0.23   | -0.00  | 6.73                                                                   | 0.31  | -0.01 | 0.01   | 0.10   | -0.00  |
| S5   | 4.88                                                                   | -0.40 | -0.02 | 0.02   | -0.03  | 0.00   | 4.86                                                                   | -0.42 | -0.02 | 0.02   | -0.04  | 0.00   | 4.88                                                                   | -0.40 | -0.02 | 0.02   | -0.03  | 0.00   | 4.27                                                                   | -0.59 | -0.02 | 0.02   | -0.17  | 0.00   | 4.33                                                                   | -0.46 | -0.01 | 0.02   | -0.09  | 0.00   | 4.27                                                                   | -0.59 | -0.02 | 0.02   | -0.17  | 0.00   |
| S6   | 9.60                                                                   | 0.03  | -0.05 | 0.04   | 0.03   | -0.00  | 9.47                                                                   | 0.03  | -0.05 | 0.04   | 0.03   | -0.00  | 9.10                                                                   | 0.03  | -0.04 | 0.03   | 0.04   | -0.00  | 8.41                                                                   | 0.02  | -0.04 | 0.03   | 0.03   | -0.00  | 9.02                                                                   | 0.03  | -0.04 | 0.03   | 0.04   | -0.00  | 9.39                                                                   | 0.02  | -0.05 | 0.04   | 0.03   | -0.00  |
| S7   | 14.76                                                                  | 0.14  | -0.12 | 0.08   | 0.07   | -0.00  | 14.70                                                                  | 0.13  | -0.12 | 0.08   | 0.07   | -0.00  | 14.34                                                                  | 0.13  | -0.11 | 0.08   | 0.08   | -0.00  | 12.25                                                                  | 0.12  | -0.10 | 0.07   | 0.06   | -0.00  | 12.25                                                                  | 0.12  | -0.10 | 0.07   | 0.06   | -0.00  | 13.98                                                                  | 0.12  | -0.12 | 0.08   | 0.06   | -0.00  |
| S8   | 9.06                                                                   | 0.09  | -0.11 | 0.08   | 0.06   | -0.00  | 9.06                                                                   | 0.09  | -0.11 | 0.08   | 0.06   | -0.00  | 8.70                                                                   | 0.09  | -0.11 | 0.07   | 0.06   | -0.00  | 7.24                                                                   | 0.08  | -0.10 | 0.07   | 0.05   | -0.00  | 7.24                                                                   | 0.08  | -0.10 | 0.07   | 0.05   | -0.00  | 8.63                                                                   | 0.08  | -0.11 | 0.07   | 0.05   | -0.00  |
| S9   | 6.74                                                                   | 0.26  | -0.10 | 0.07   | 0.11   | -0.00  | 6.39                                                                   | 0.25  | -0.10 | 0.07   | 0.11   | -0.00  | 6.23                                                                   | 0.28  | -0.08 | 0.06   | 0.13   | -0.00  | 4.78                                                                   | 0.25  | -0.08 | 0.05   | 0.11   | -0.00  | 4.78                                                                   | 0.25  | -0.08 | 0.05   | 0.11   | -0.00  | 6.39                                                                   | 0.25  | -0.10 | 0.07   | 0.11   | -0.00  |
| S10  | 6.83                                                                   | -0.67 | -0.02 | 0.02   | -0.04  | 0.00   | 6.75                                                                   | -0.64 | -0.02 | 0.02   | -0.02  | 0.00   | 6.65                                                                   | -0.61 | -0.02 | 0.02   | -0.01  | 0.00   | 5.91                                                                   | -0.58 | -0.02 | 0.02   | -0.04  | 0.00   | 5.91                                                                   | -0.58 | -0.02 | 0.02   | -0.04  | 0.00   | 6.41                                                                   | -0.70 | -0.02 | 0.02   | -0.09  | -0.00  |
| S11  | 6.59                                                                   | 0.03  | -0.02 | 0.03   | 0.04   | 0.00   | 6.46                                                                   | 0.03  | -0.03 | 0.03   | 0.03   | 0.00   | 6.28                                                                   | 0.03  | -0.02 | 0.02   | 0.04   | 0.00   | 5.65                                                                   | 0.02  | -0.02 | 0.02   | 0.03   | 0.00   | 6.13                                                                   | 0.03  | -0.00 | 0.02   | 0.04   | 0.00   | 5.65                                                                   | 0.02  | -0.02 | 0.02   | 0.03   | 0.00   |
| S12  | 8.82                                                                   | 0.14  | -0.01 | 0.05   | 0.08   | -0.00  | 8.31                                                                   | 0.13  | -0.02 | 0.05   | 0.07   | -0.00  | 8.82                                                                   | 0.14  | -0.01 | 0.05   | 0.08   | -0.00  | 6.76                                                                   | 0.12  | -0.00 | 0.04   | 0.06   | -0.00  | 8.41                                                                   | 0.14  | 0.01  | 0.04   | 0.07   | -0.00  | 6.76                                                                   | 0.12  | -0.00 | 0.04   | 0.06   | -0.00  |
| S13  | 7.25                                                                   | 0.10  | -0.01 | 0.05   | 0.06   | -0.00  | 6.91                                                                   | 0.09  | -0.02 | 0.05   | 0.05   | -0.00  | 7.24                                                                   | 0.10  | -0.00 | 0.04   | 0.06   | -0.00  | 5.57                                                                   | 0.08  | -0.01 | 0.04   | 0.05   | -0.00  | 6.86                                                                   | 0.09  | 0.01  | 0.04   | 0.06   | -0.00  | 5.57                                                                   | 0.08  | -0.01 | 0.04   | 0.05   | -0.00  |
| S14  | 5.96                                                                   | 0.25  | -0.03 | 0.05   | 0.11   | -0.00  | 5.45                                                                   | 0.25  | -0.03 | 0.05   | 0.11   | -0.00  | 5.59                                                                   | 0.27  | -0.03 | 0.05   | 0.12   | -0.00  | 3.93                                                                   | 0.23  | -0.03 | 0.04   | 0.10   | -0.00  | 5.40                                                                   | 0.25  | -0.03 | 0.04   | 0.11   | -0.00  | 4.11                                                                   | 0.22  | -0.03 | 0.04   | 0.10   | -0.00  |
| S15  | 6.35                                                                   | -0.59 | -0.02 | 0.02   | -0.02  | 0.00   | 6.27                                                                   | -0.58 | -0.02 | 0.02   | -0.01  | 0.00   | 6.27                                                                   | -0.58 | -0.02 | 0.02   | -0.01  | 0.00   | 5.13                                                                   | -0.49 | -0.01 | 0.01   | -0.02  | 0.00   | 5.50                                                                   | -0.54 | -0.01 | 0.01   | -0.04  | 0.00   | 5.50                                                                   | -0.54 | -0.01 | 0.01   | -0.04  | 0.00   |
| S16  | 5.62                                                                   | 0.01  | -0.27 | 0.39   | 0.01   | -0.00  | 5.62                                                                   | 0.01  | -0.27 | 0.39   | 0.01   | -0.00  | 4.76                                                                   | 0.11  | 0.18  | 0.04   | 0.11   | -0.00  | 4.55                                                                   | 0.04  | 0.34  | -0.08  | 0.04   | -0.00  | 4.55                                                                   | 0.04  | 0.34  | -0.08  | 0.04   | -0.00  | 5.41                                                                   | -0.06 | -0.11 | 0.27   | -0.06  | -0.00  |
| S17  | 8.88                                                                   | 0.05  | 0.05  | 0.35   | 0.04   | -0.00  | 8.69                                                                   | 0.02  | -0.03 | 0.41   | 0.02   | -0.00  | 8.37                                                                   | 0.13  | 0.21  | 0.22   | 0.12   | -0.00  | 7.58                                                                   | 0.02  | 0.15  | 0.25   | 0.02   | -0.00  | 8.23                                                                   | 0.06  | 0.38  | 0.12   | 0.05   | -0.00  | 8.55                                                                   | -0.05 | 0.13  | 0.31   | -0.05  | -0.00  |
| S18  | 7.93                                                                   | 0.01  | 0.03  | 0.34   | 0.02   | -0.00  | 7.85                                                                   | 0.01  | -0.04 | 0.38   | 0.01   | -0.00  | 7.57                                                                   | 0.11  | 0.11  | 0.26   | 0.12   | -0.00  | 6.88                                                                   | 0.04  | 0.09  | 0.24   | 0.04   | -0.00  | 7.34                                                                   | 0.04  | 0.28  | 0.14   | 0.05   | -0.00  | 7.62                                                                   | -0.06 | 0.12  | 0.27   | -0.06  | -0.00  |
| S19  | 8.39                                                                   | 0.05  | 0.09  | 0.31   | 0.04   | -0.00  | 8.25                                                                   | 0.04  | 0.00  | 0.36   | 0.04   | -0.00  | 8.14                                                                   | 0.12  | 0.30  | 0.17   | 0.12   | -0.00  | 6.91                                                                   | 0.02  | 0.23  | 0.17   | 0.02   | -0.00  | 7.55                                                                   | 0.03  | 0.46  | 0.05   | 0.03   | -0.00  | 7.66                                                                   | -0.05 | 0.16  | 0.24   | -0.05  | -0.00  |
| S20  | 5.88                                                                   | 0.54  | -0.39 | 0.36   | 0.49   | 0.00   | 5.35                                                                   | 0.41  | -0.31 | 0.40   | 0.54   | 0.00   | 5.35                                                                   | 0.41  | -0.31 | 0.40   | 0.54   | 0.00   | 4.70                                                                   | -0.06 | -0.01 | 0.17   | 0.18   | 0.00   | 5.25                                                                   | -0.41 | 0.21  | -0.06  | -0.19  | -0.00  | 5.25                                                                   | -0.41 | 0.21  | -0.06  | -0.19  | -0.00  |
| Soma | 156.59                                                                 | 0.57  | -1.04 | 2.30   | 1.37   | -0.00  | 152.88                                                                 | 0.34  | -1.25 | 2.52   | 1.32   | -0.00  | 149.77                                                                 | 1.06  | 0.01  | 1.59   | 2.07   | -0.00  | 129.82                                                                 | -0.15 | 0.36  | 1.21   | 0.86   | -0.00  | 138.83                                                                 | -0.20 | 1.27  | 0.61   | 0.74   | -0.00  | 143.19                                                                 | -1.09 | -0.01 | 1.54   | -0.11  | -0.00  |

Observações:  
1 - Os valores apresentados referem-se às reações nos apoios  
2 - Esforços com valores característicos  
3 - Forças em tf  
4 - Momentos em tfm  
5 - Sistema de coordenadas GLOBAL  
6 - A força X positiva empurra o apoio da esquerda para a direita  
7 - O momento X positivo gira o apoio em torno do eixo X no sentido horário  
8 - A força Y positiva empurra em planta o apoio de baixo para cima  
9 - O momento Y positivo gira o apoio em torno do eixo Y no sentido horário  
10 - A força Z positiva empurra o apoio de cima para baixo  
11 - O momento Z positivo gira o apoio em torno do eixo Z no sentido horário  
\* - Força normal relativa ao caso 'Todas permanentes e acidentais dos pavimentos', demais casos na tabela  
12 - CA é a cota de arrasamento/assentamento da fundação  
13 - O peso próprio das fundações não está incluído no modelo

|                                                       |                |                                |        |                  |
|-------------------------------------------------------|----------------|--------------------------------|--------|------------------|
| CONCRETO<br>fck = MPa<br>ECS = Ver na Planta          |                |                                |        | OBRA N.º<br>0001 |
| CLIENTE<br>Prefeitura Municipal de São Miguel do Anta |                |                                |        | DES. N.º         |
| OBRA<br>Capela Mortuária                              |                |                                |        | 001              |
| TÍTULO<br>Planta de Carga                             |                |                                |        | REV. N.º<br>00   |
| DATA<br>24/08/2026                                    | ESCALA<br>1:50 | DESENHO<br>CAP-ESP-FOR-001-R00 | COORD. | ENG. N.º         |



| Baricentros de pilares |                 |                 |
|------------------------|-----------------|-----------------|
| Pilar                  | X <sub>cm</sub> | Y <sub>cm</sub> |
| P1                     | -0.0            | -0.0            |
| P2                     | 322.0           | 8.0             |
| P3                     | 623.0           | 8.0             |
| P4                     | 928.2           | 7.5             |
| P6                     | -0.0            | -202.0          |
| P7                     | 330.0           | -202.0          |
| P8                     | 615.0           | -202.0          |
| P9                     | 928.2           | -202.0          |
| P11                    | -0.0            | -412.0          |
| P12                    | 330.0           | -412.0          |
| P13                    | 615.0           | -412.0          |
| P14                    | 928.2           | -412.0          |
| P21                    | 1141.1          | 7.9             |
| P22                    | 1158.5          | -202.1          |
| P23                    | 1176.8          | -420.0          |
| S1                     | -0.0            | -0.0            |
| S2                     | 322.0           | 8.0             |
| S3                     | 623.0           | 8.0             |
| S4                     | 928.2           | 7.5             |
| S5                     | 1141.1          | 7.9             |
| S6                     | -0.0            | -202.0          |
| S7                     | 330.0           | -202.0          |
| S8                     | 615.0           | -202.0          |
| S9                     | 928.2           | -202.0          |
| S10                    | 1158.5          | -202.1          |
| S11                    | -0.0            | -412.0          |
| S12                    | 330.0           | -412.0          |
| S13                    | 615.0           | -412.0          |
| S14                    | 928.2           | -412.0          |
| S15                    | 1176.8          | -420.0          |



| Baricentros de pilares |                 |                 |
|------------------------|-----------------|-----------------|
| Pilar                  | X <sub>cm</sub> | Y <sub>cm</sub> |
| P1                     | 0.0             | 0.0             |
| P2                     | 322.0           | 8.0             |
| P3                     | 623.0           | 8.0             |
| P4                     | 928.2           | 7.5             |
| P5                     | 1180.4          | -0.6            |
| P6                     | -0.0            | -202.0          |
| P7                     | 330.0           | -202.0          |
| P8                     | 615.0           | -202.0          |
| P9                     | 928.2           | -202.0          |
| P10                    | 1196.5          | -202.7          |
| P11                    | -0.0            | -412.0          |
| P12                    | 330.0           | -412.0          |
| P13                    | 615.0           | -412.0          |
| P14                    | 928.2           | -412.0          |
| P15                    | 1213.6          | -412.7          |
| P24                    | 0.0             | -584.0          |
| P25                    | 330.0           | -589.0          |
| P26                    | 615.0           | -589.0          |
| P27                    | 928.2           | -589.0          |
| P28                    | 1193.1          | -594.2          |
| S16                    | 0.0             | -584.0          |
| S17                    | 330.0           | -589.0          |
| S18                    | 615.0           | -589.0          |
| S19                    | 928.2           | -589.0          |
| S20                    | 1193.1          | -594.2          |

CONCRETO

fck = MPa

ECS = Ver na Planta

CLIENTE

Prefeitura Municipal de São Miguel do Anta

OBRA

Capela Mortuária

TÍTULO

Fundação

Planta de Locação

DATA

24/08/2026

ESCALA

1:50

DESENHO

CAP-FUN-FOR-002-R00

COORD.

OBRAS N.º

0001

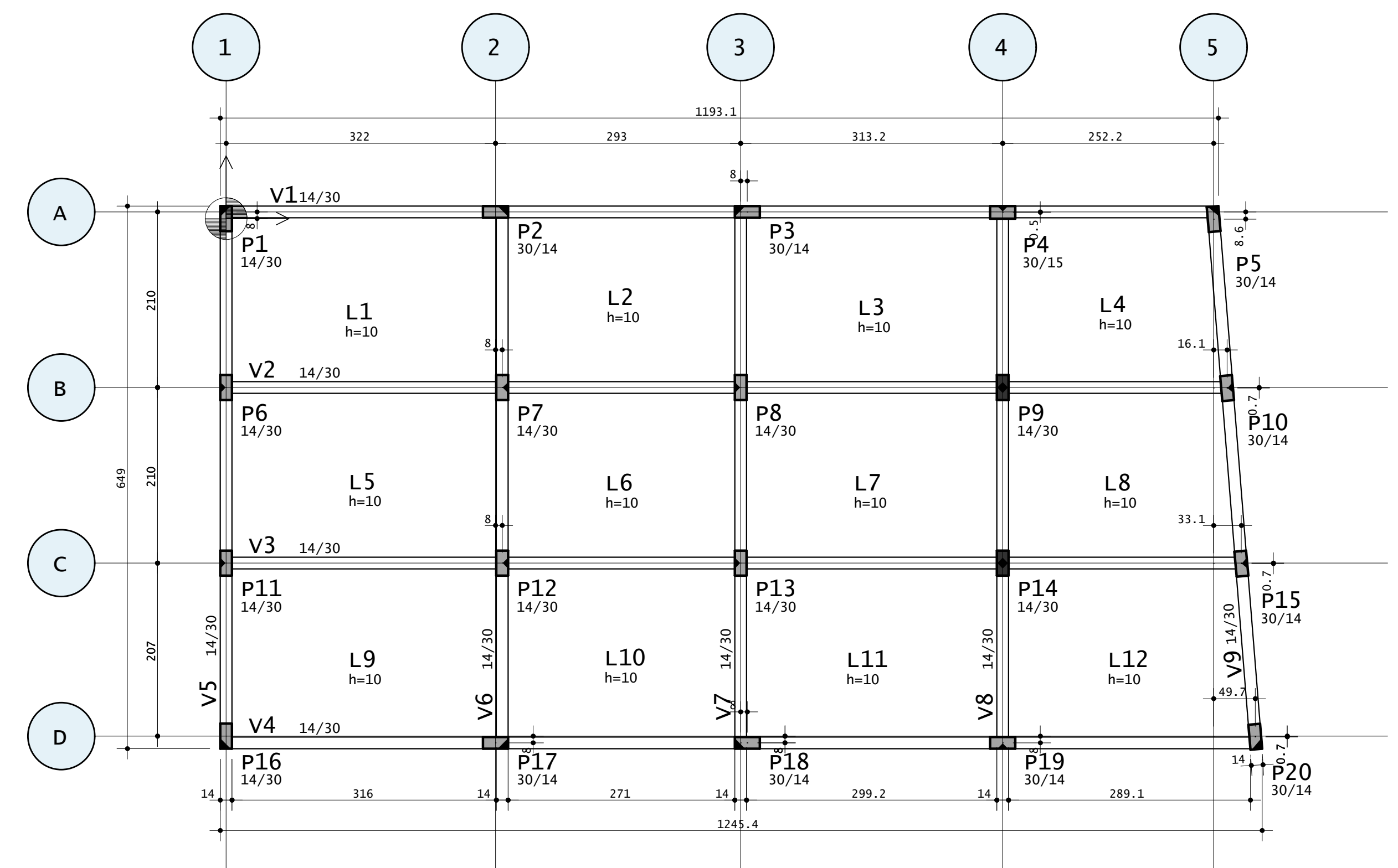
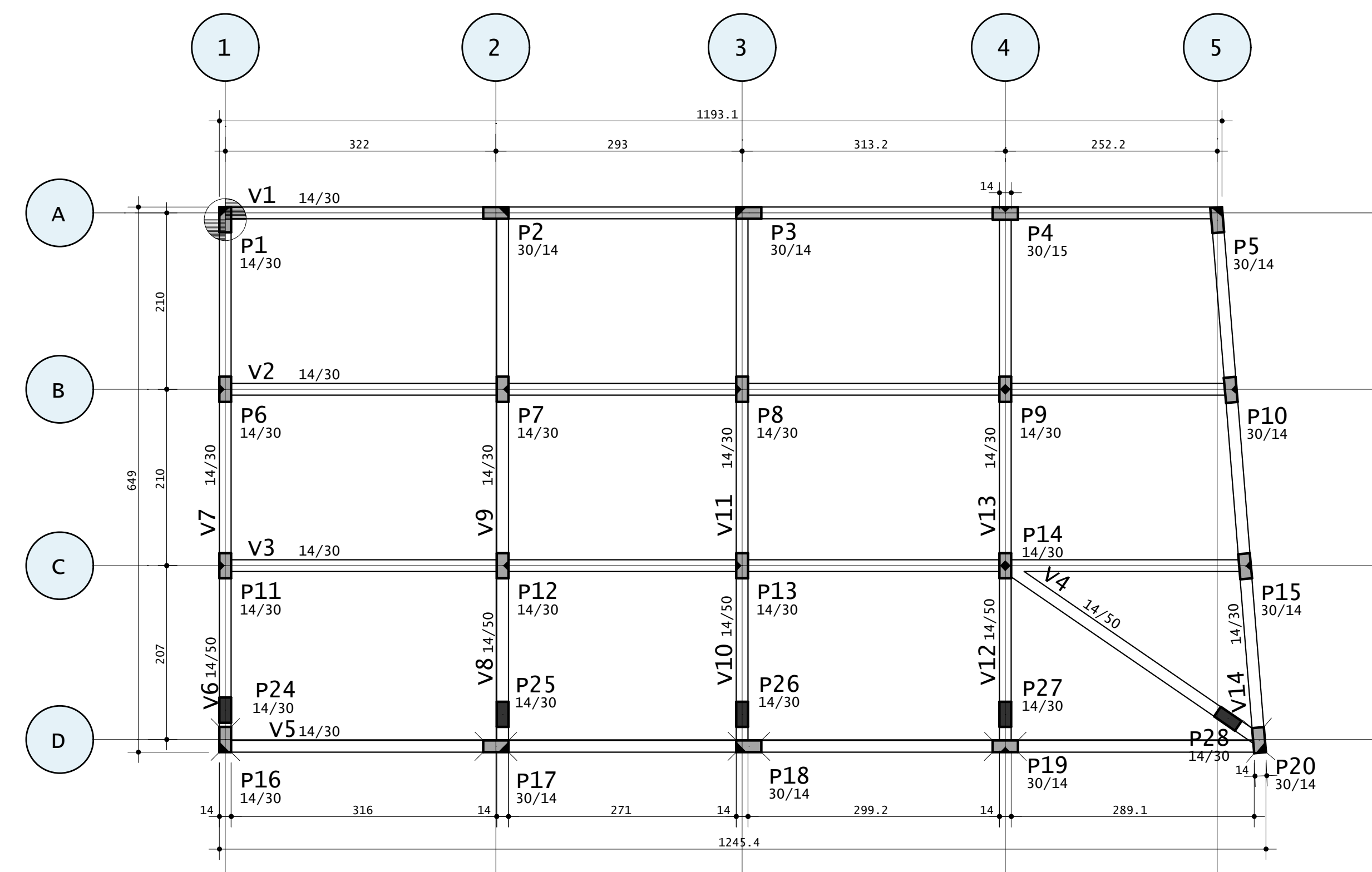
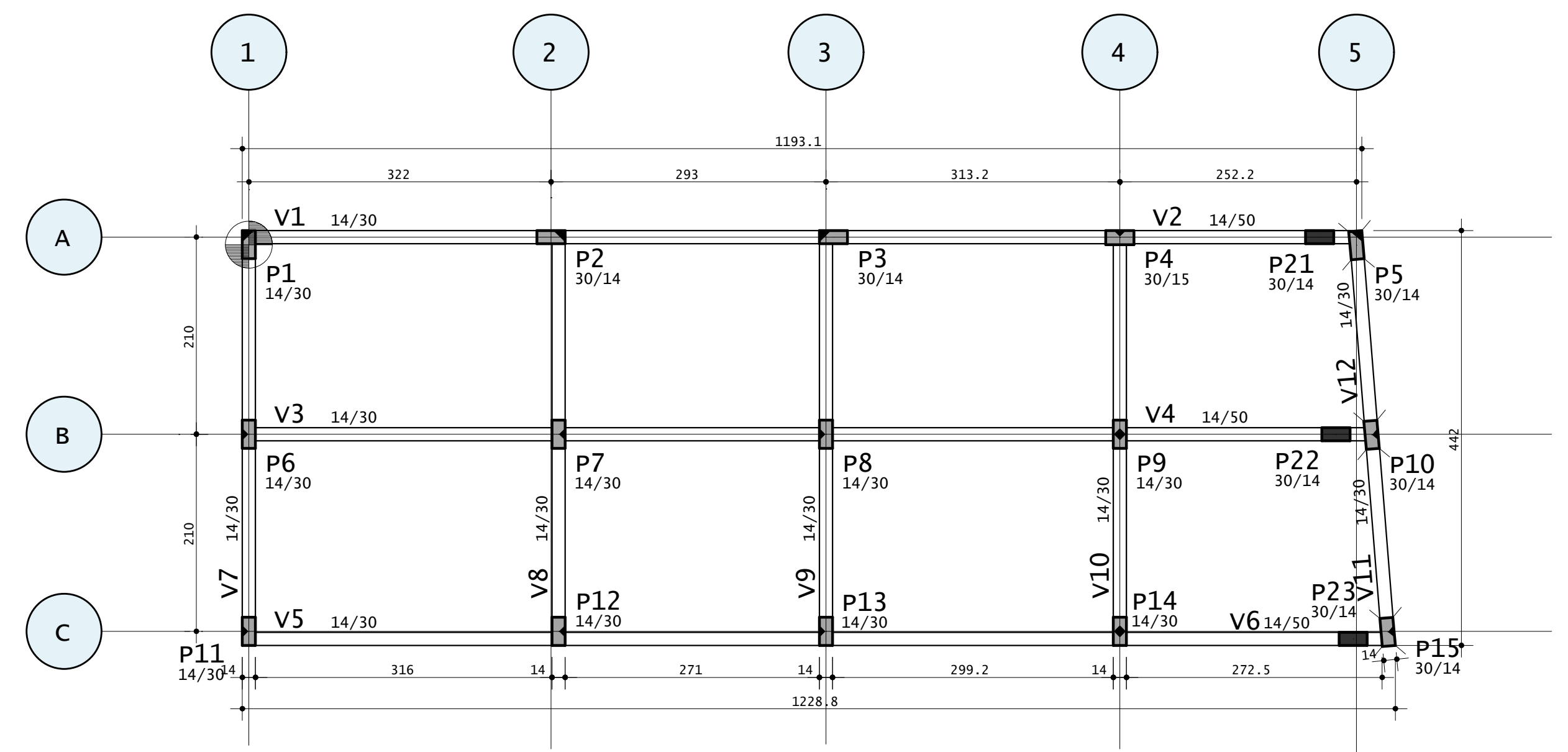
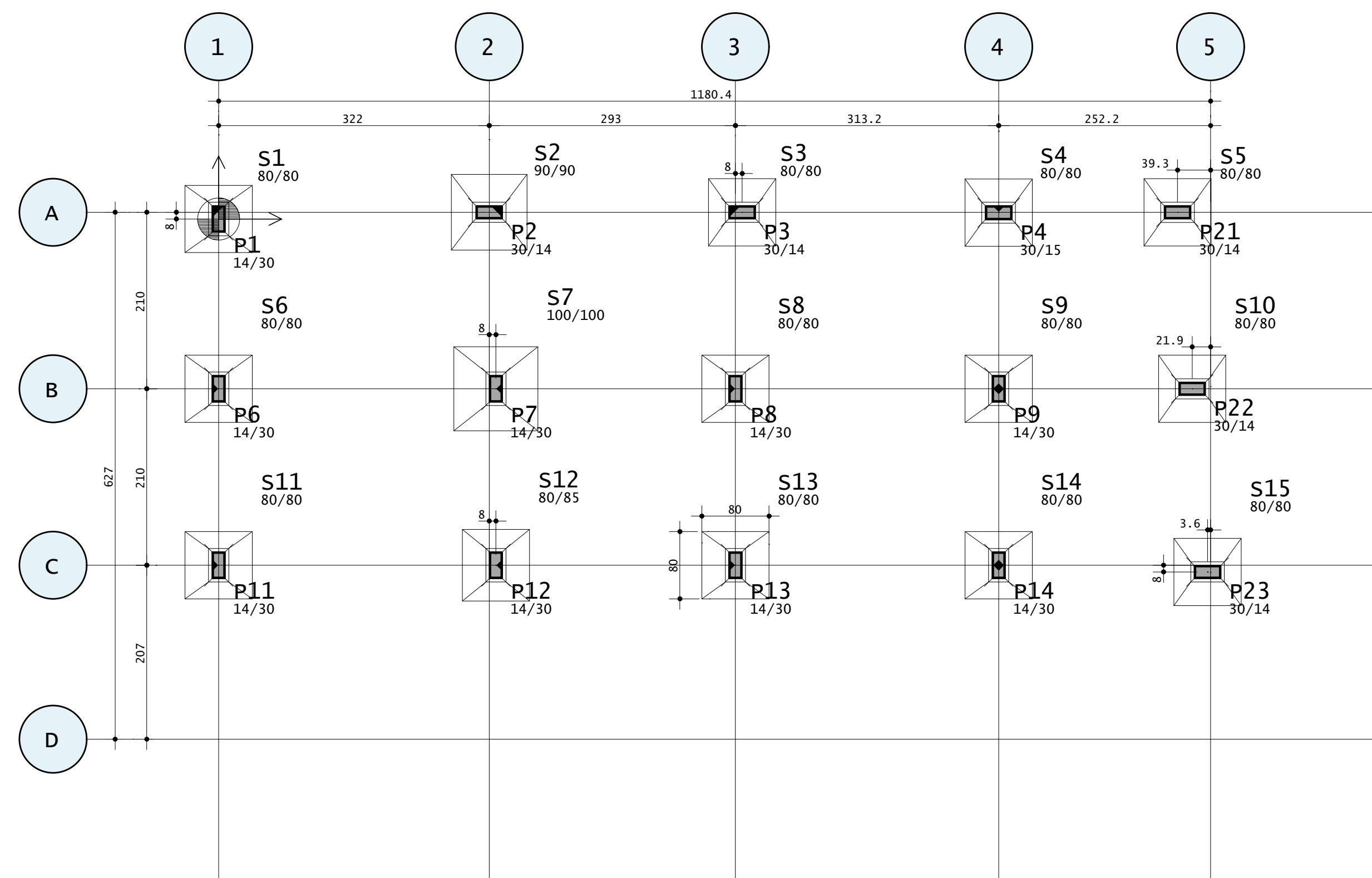
DES. N.º

002

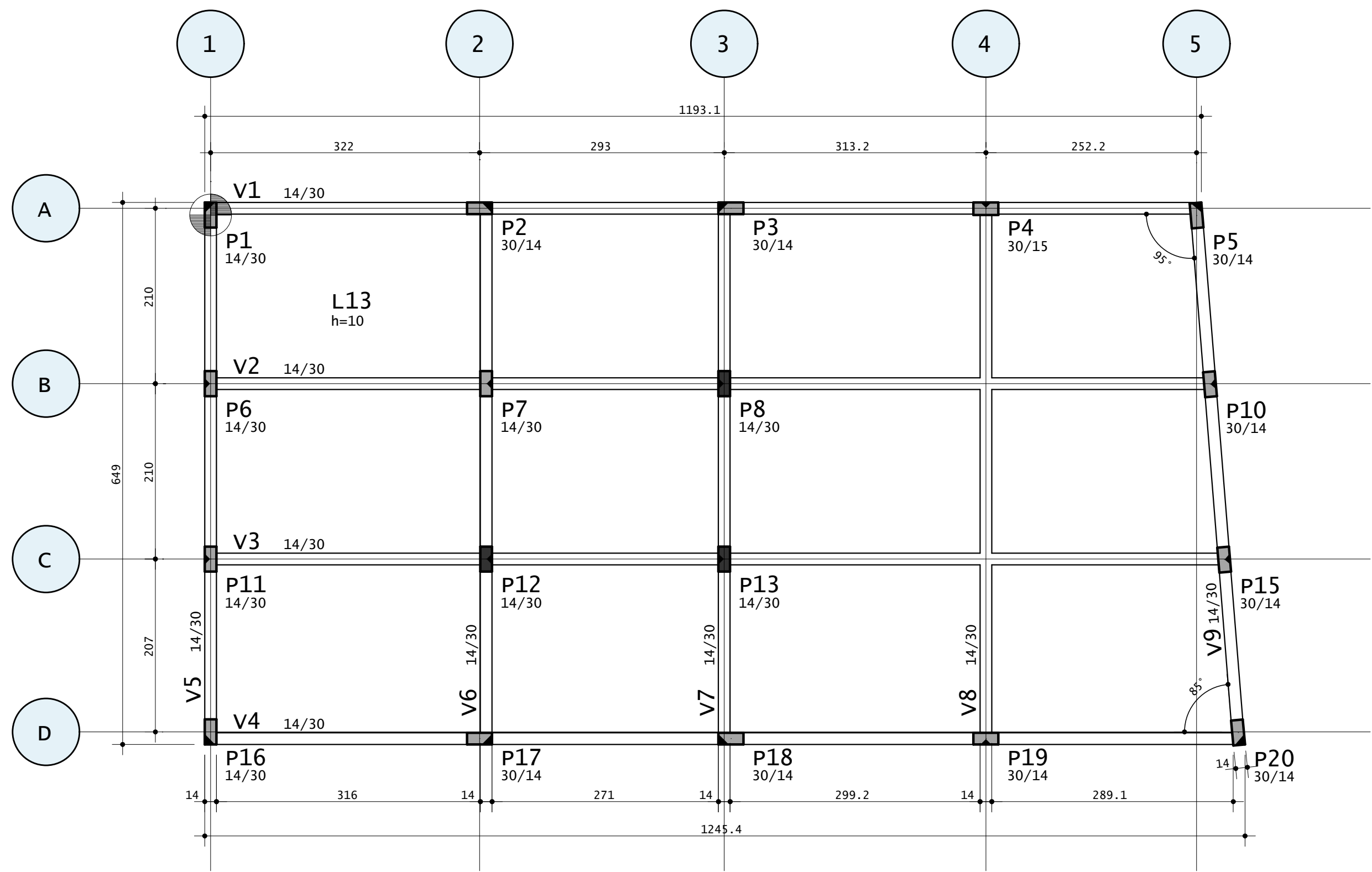
REV. N.º

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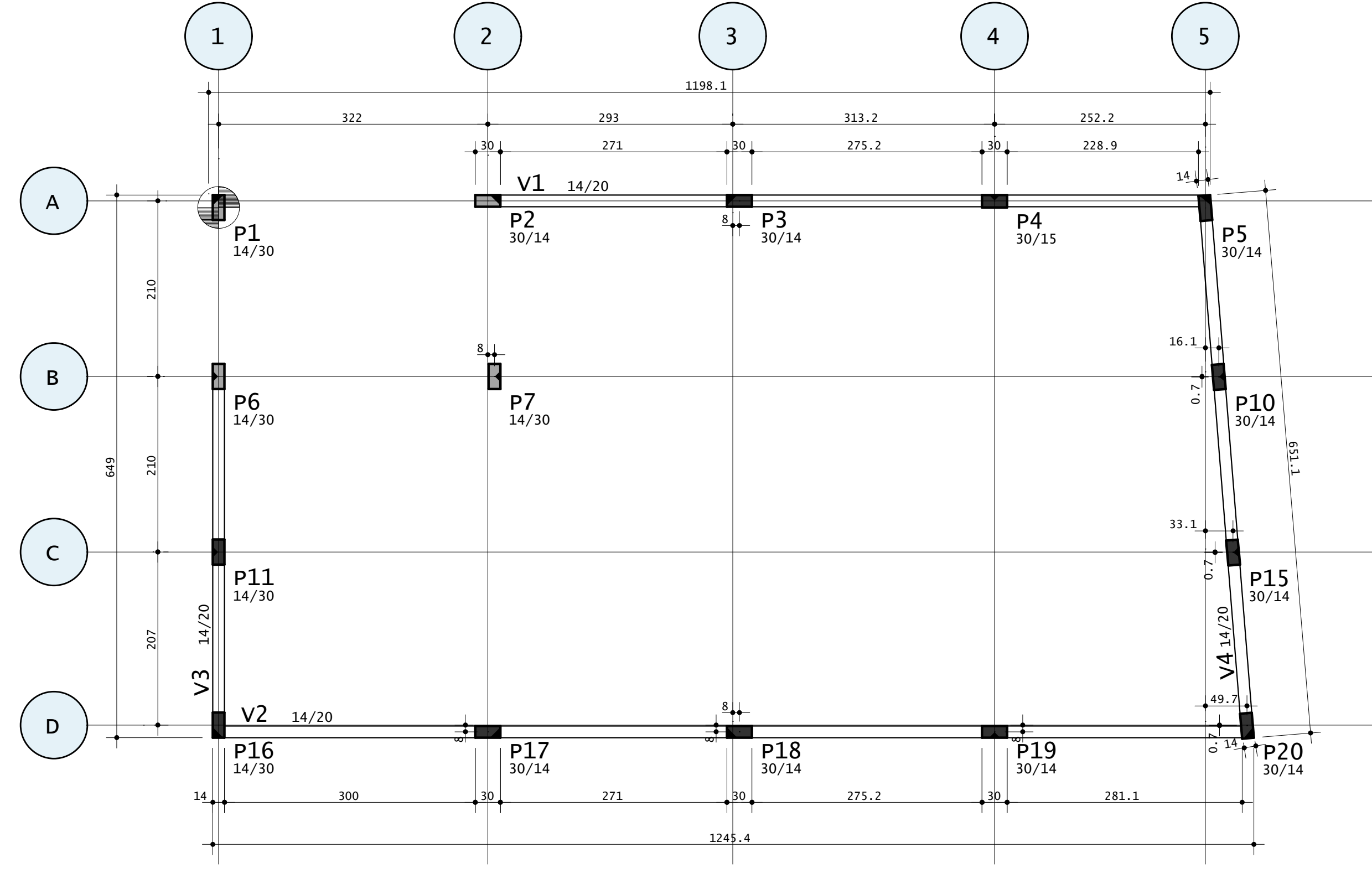
ENG. N.º



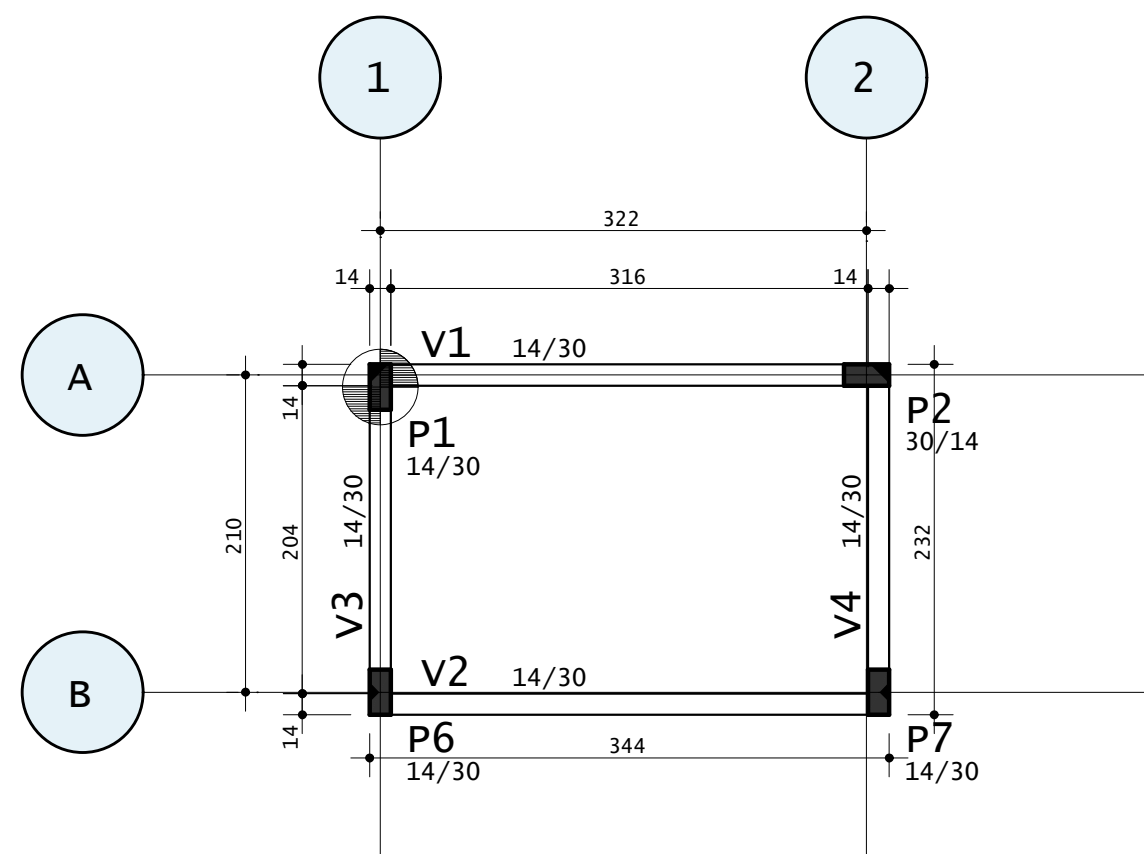
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|---------------------|---------------------------------------------------|---------------------|-------------------------|
| CONCRETO            |                                                   |                     | OBRA N.º<br><b>0001</b> |
| fck = MPa           |                                                   |                     |                         |
| ECS = Ver na Planta |                                                   |                     | DES. N.º<br><b>003</b>  |
| CLIENTE             | <i>Prefeitura Municipal de São Miguel do Anta</i> |                     |                         |
| OBRA                | <i>Capela Mortuária</i>                           |                     | REV. N.º<br><b>00</b>   |
| TÍTULO              | <i>Planta de Forma</i>                            |                     |                         |
| DATA                | ESCALA                                            | DESENHO             | COORD.                  |
| 24/08/2026          | 1:50                                              | CAP-ESP-FOR-003-ROO |                         |
| ENG.º               |                                                   |                     |                         |



Planta de Forma\_Térreo



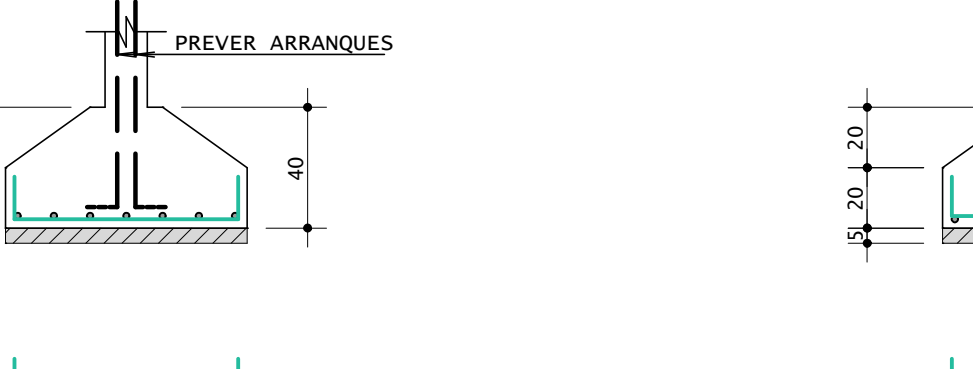
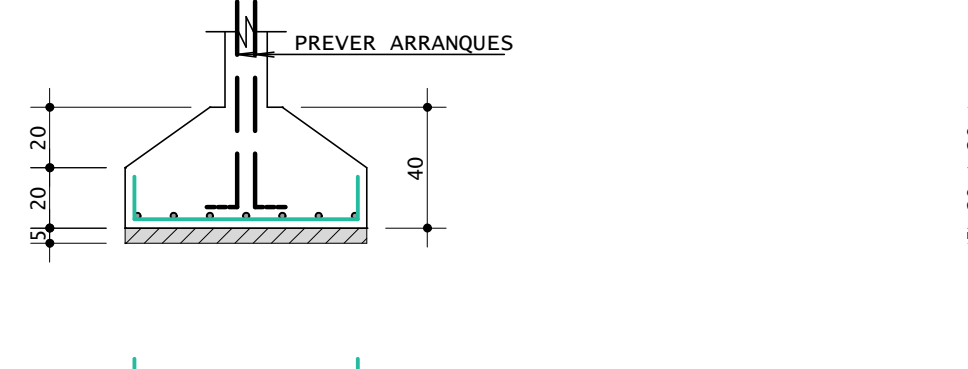
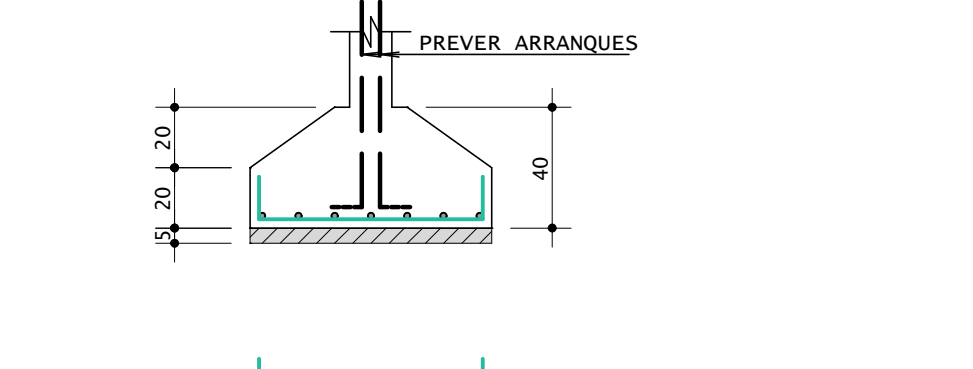
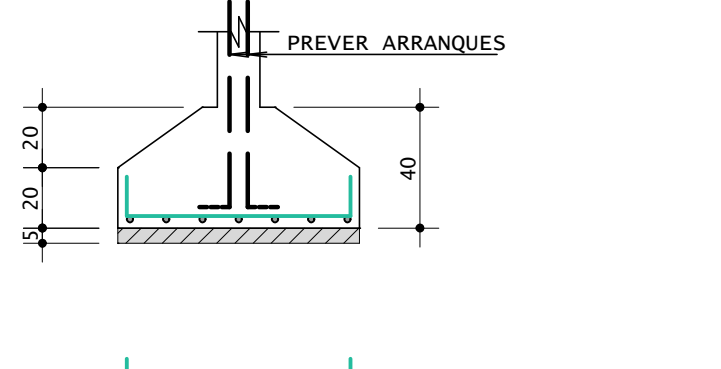
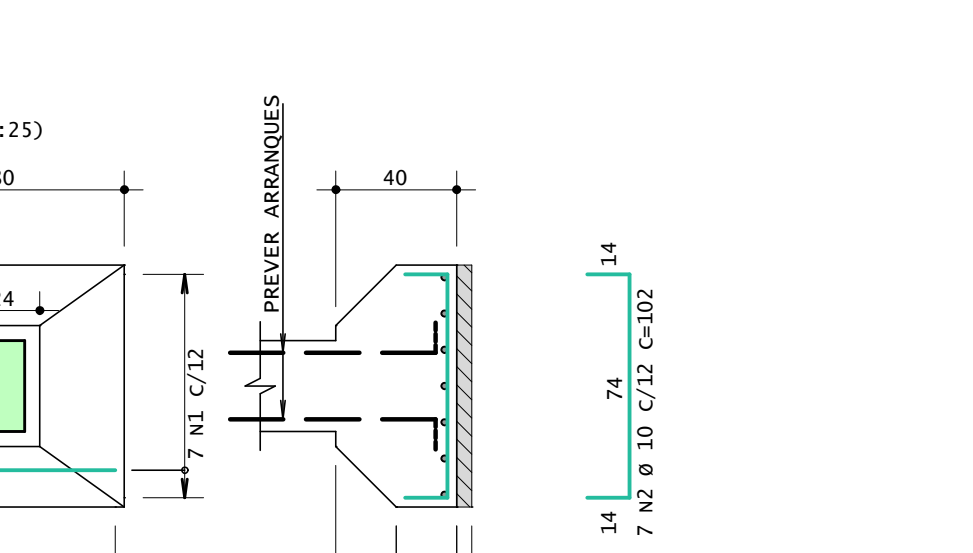
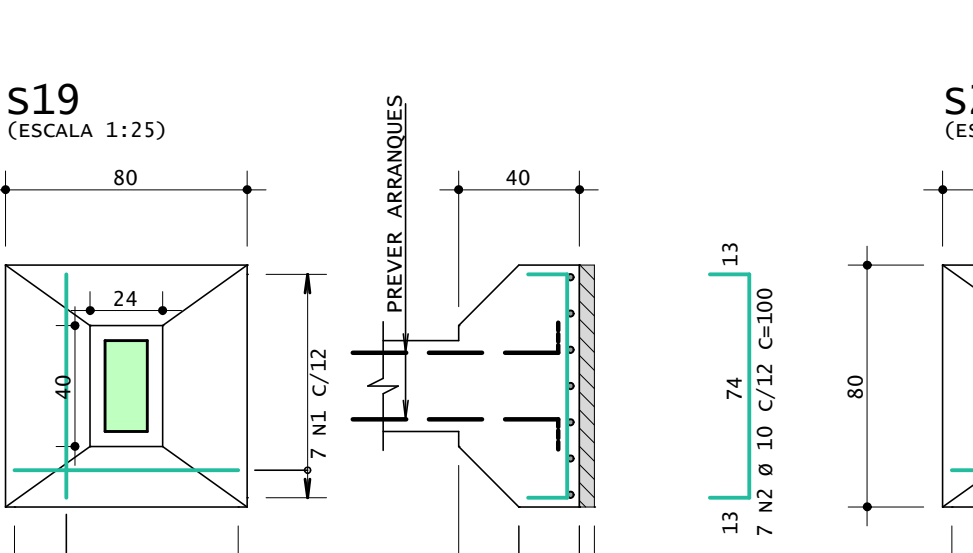
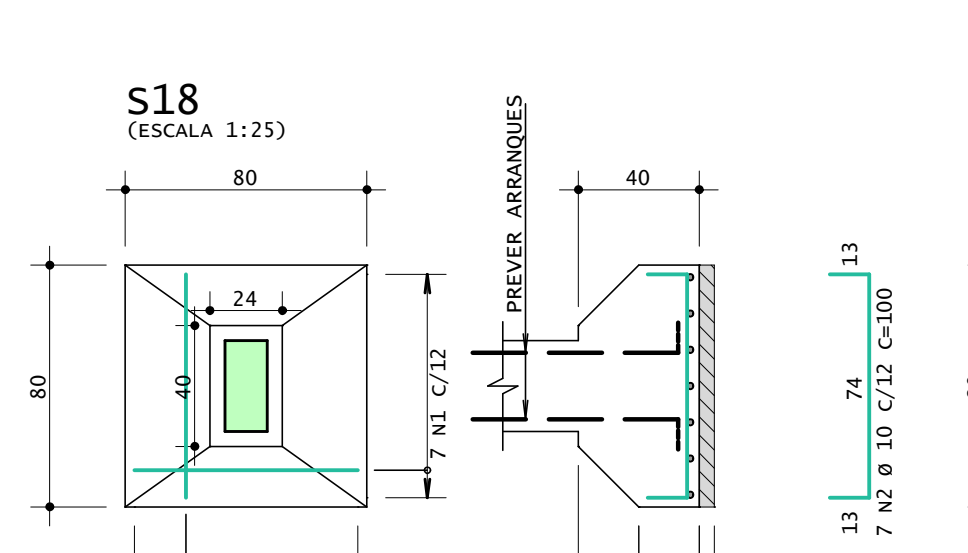
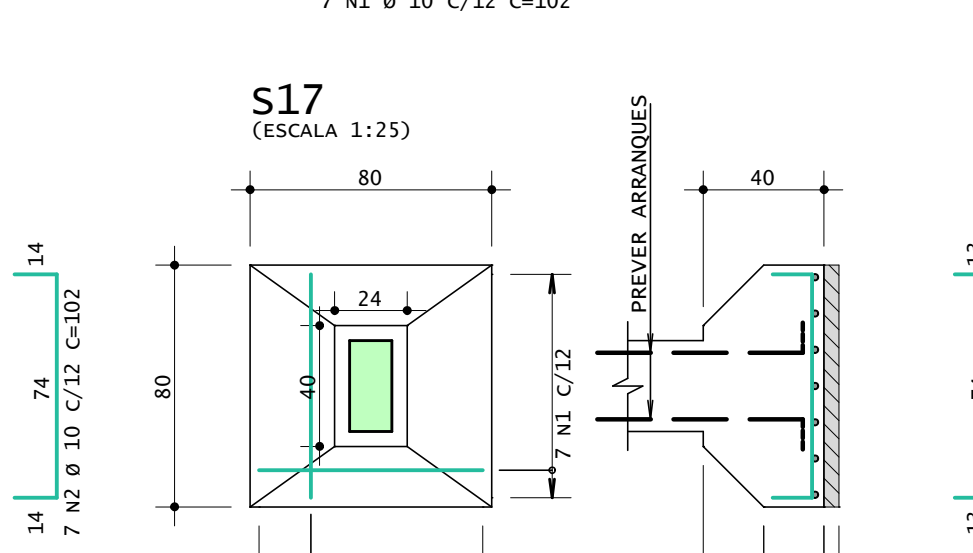
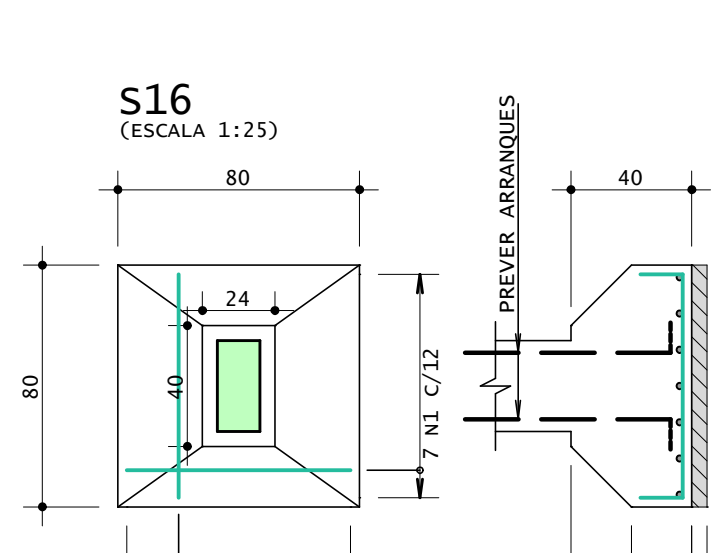
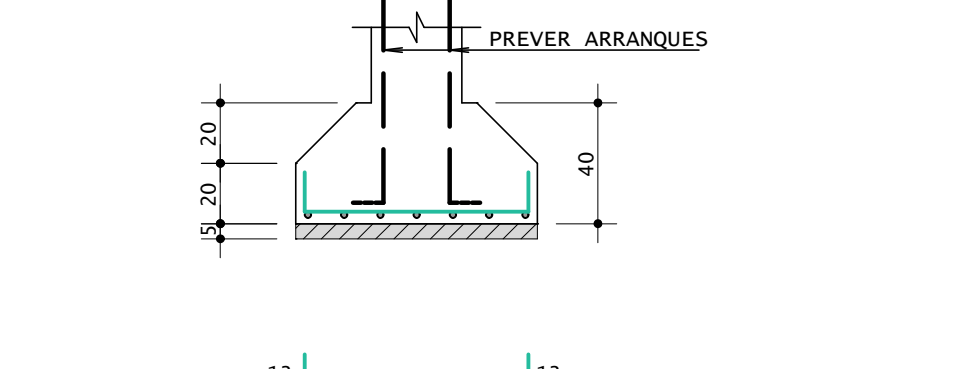
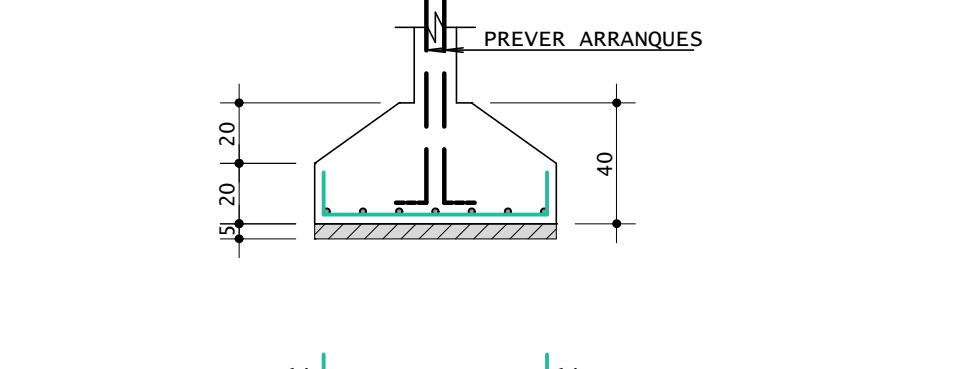
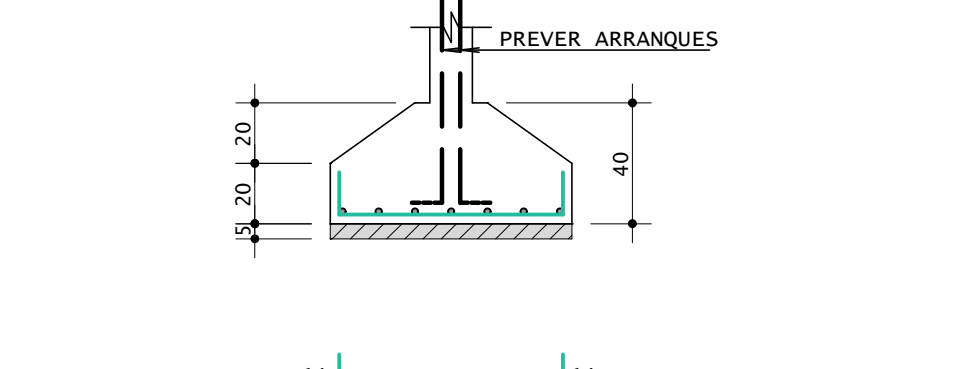
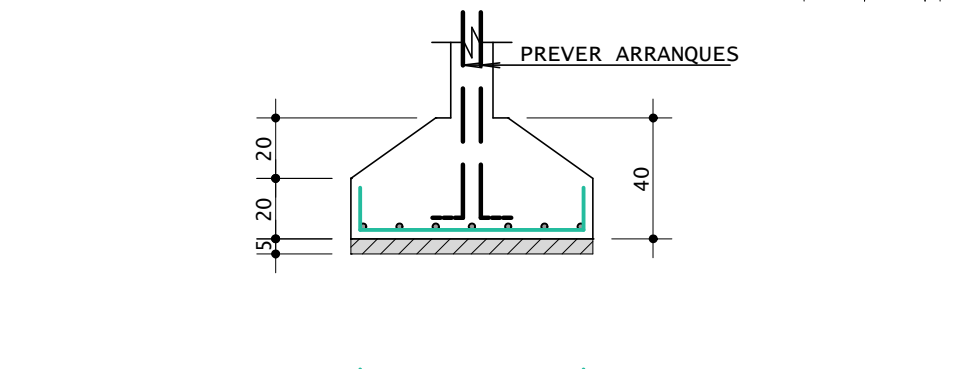
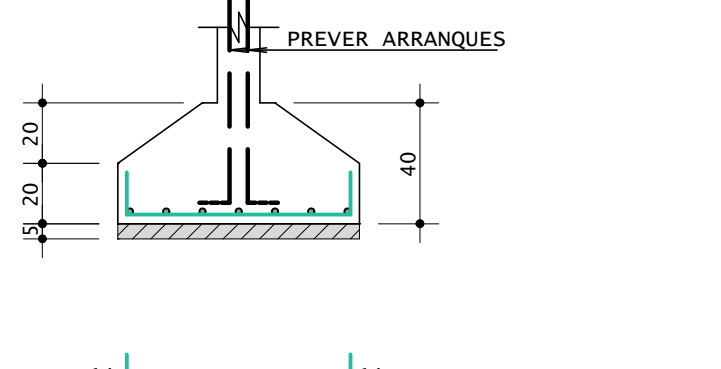
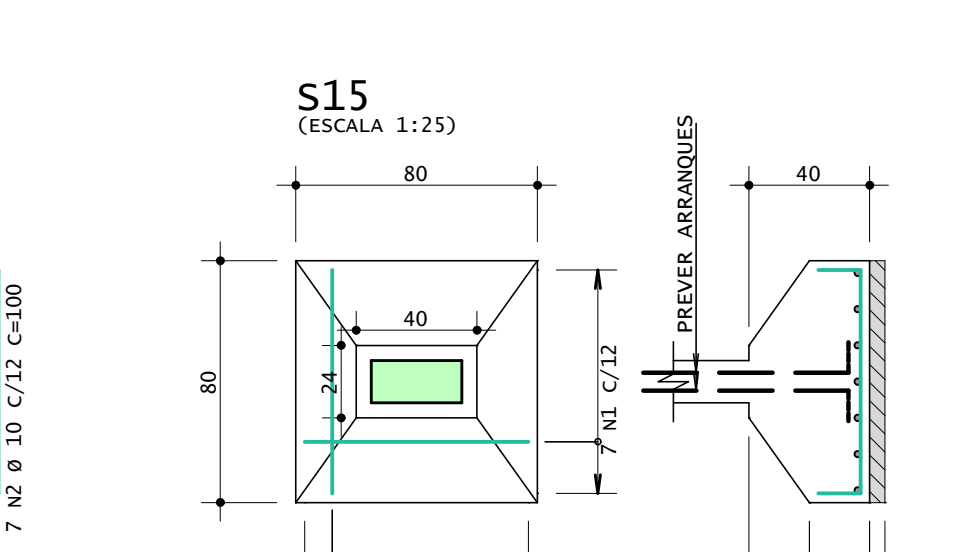
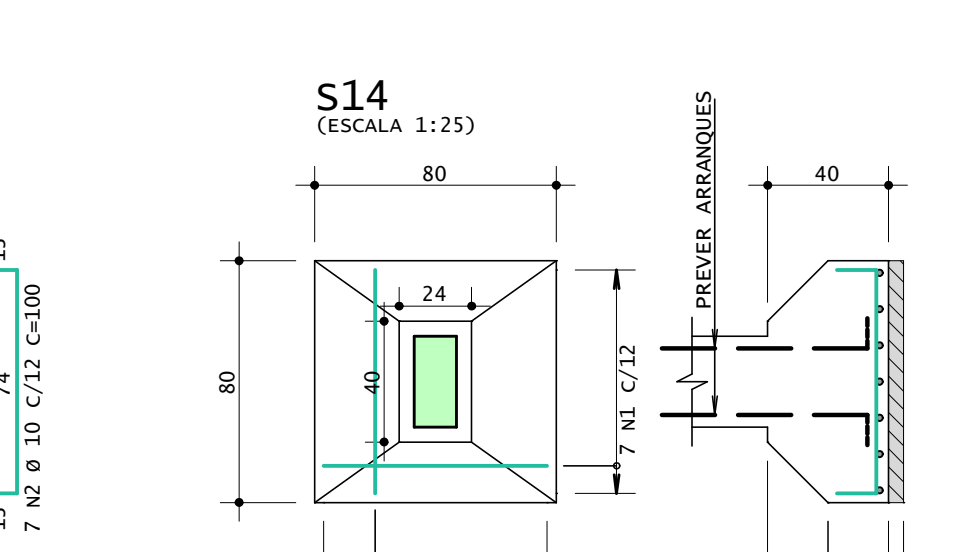
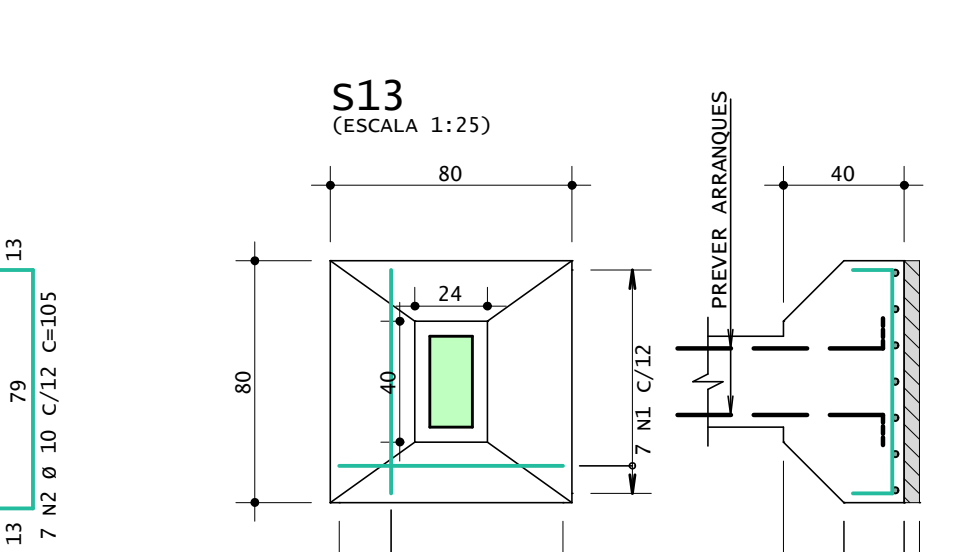
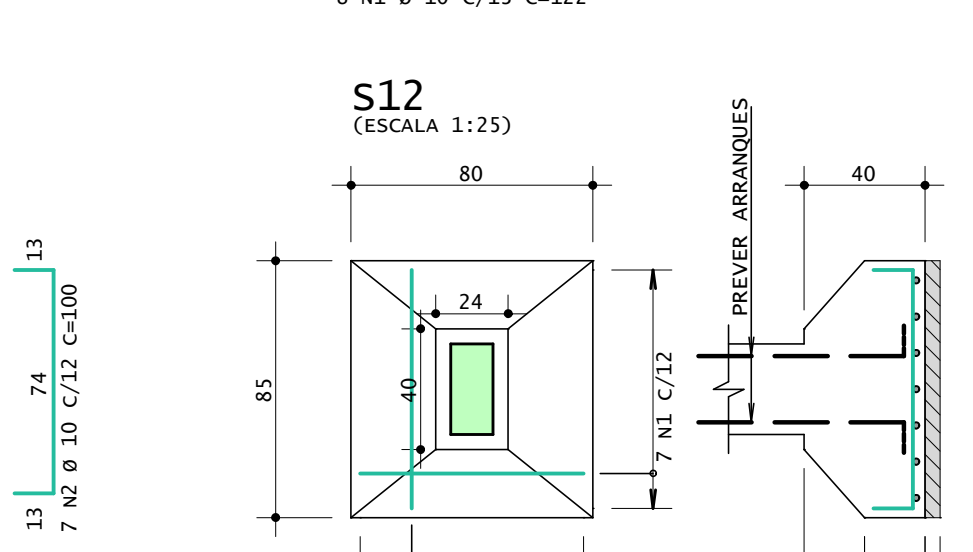
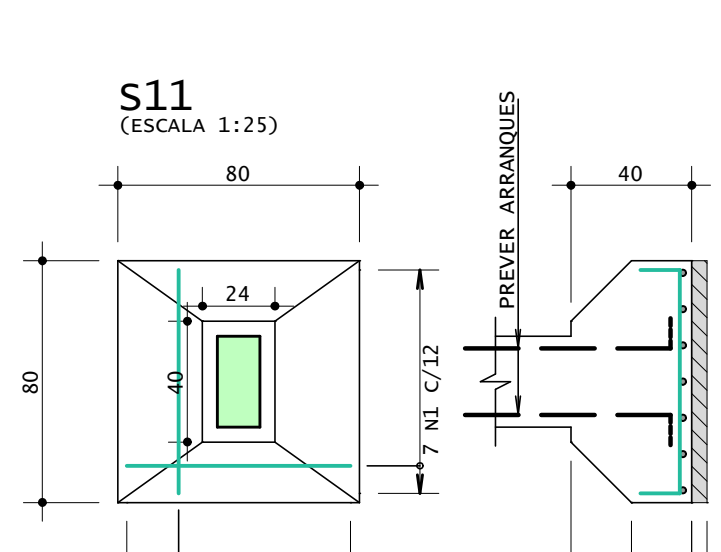
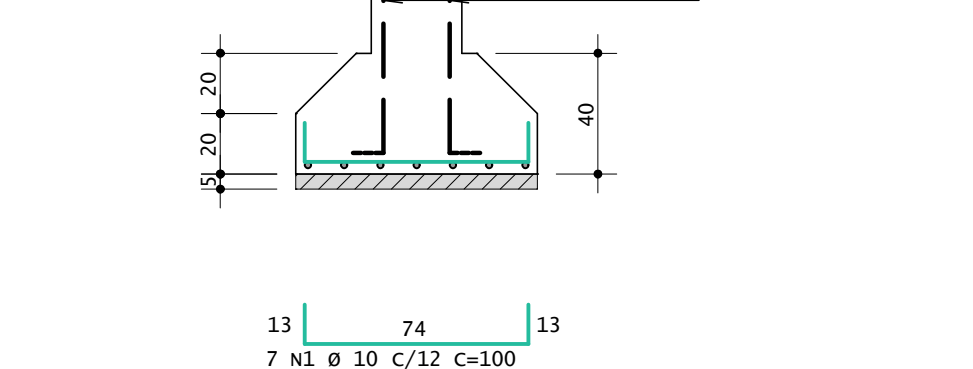
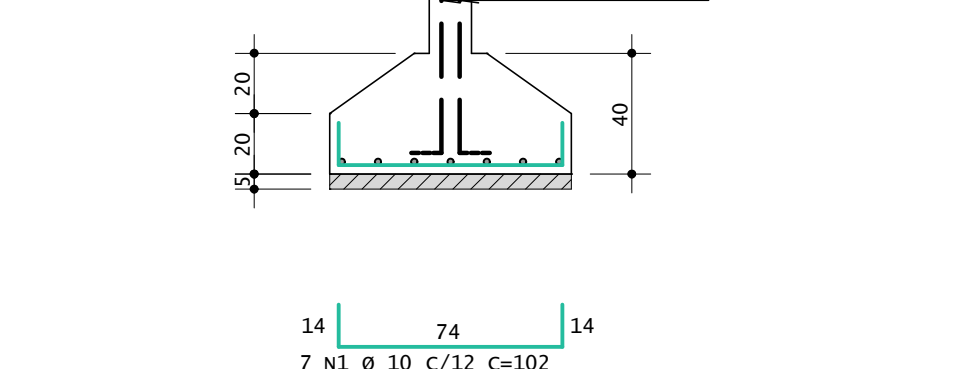
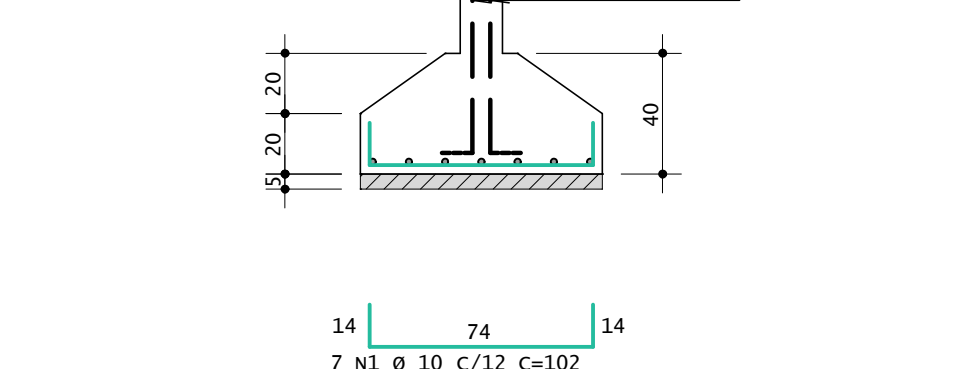
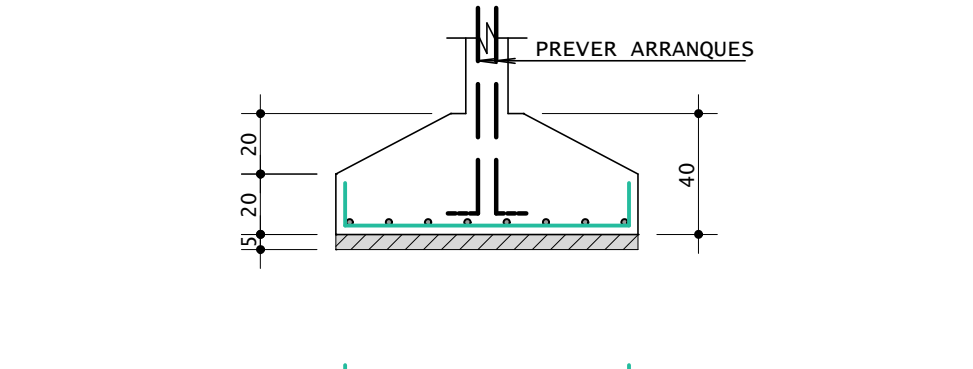
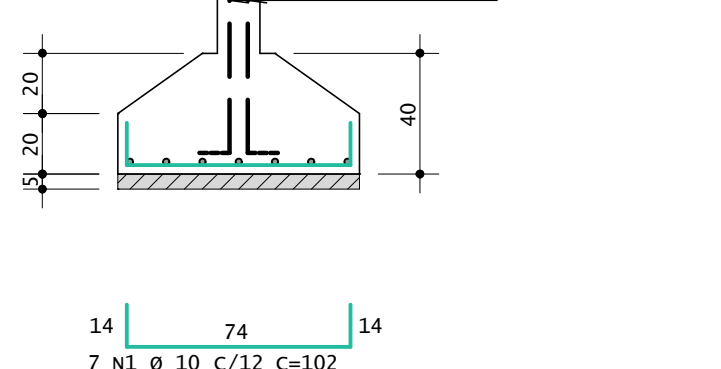
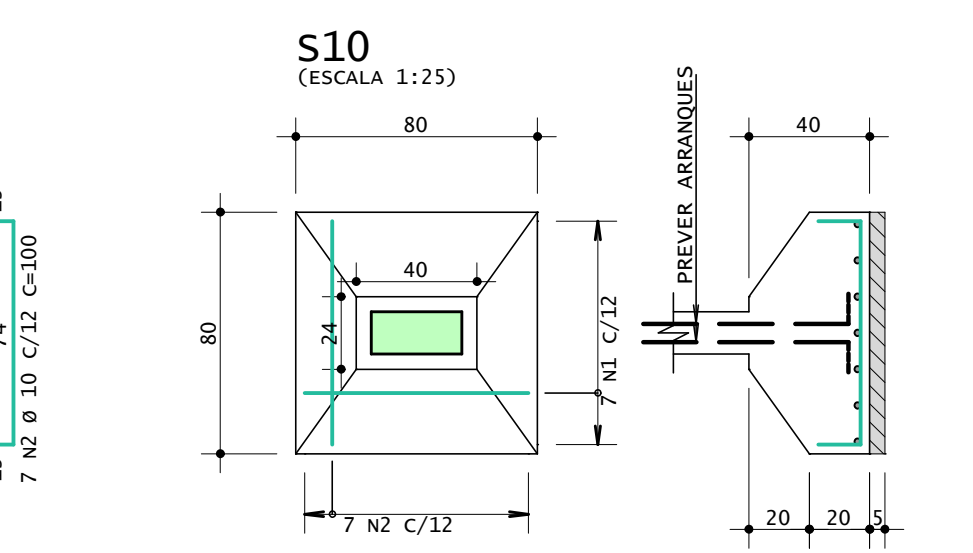
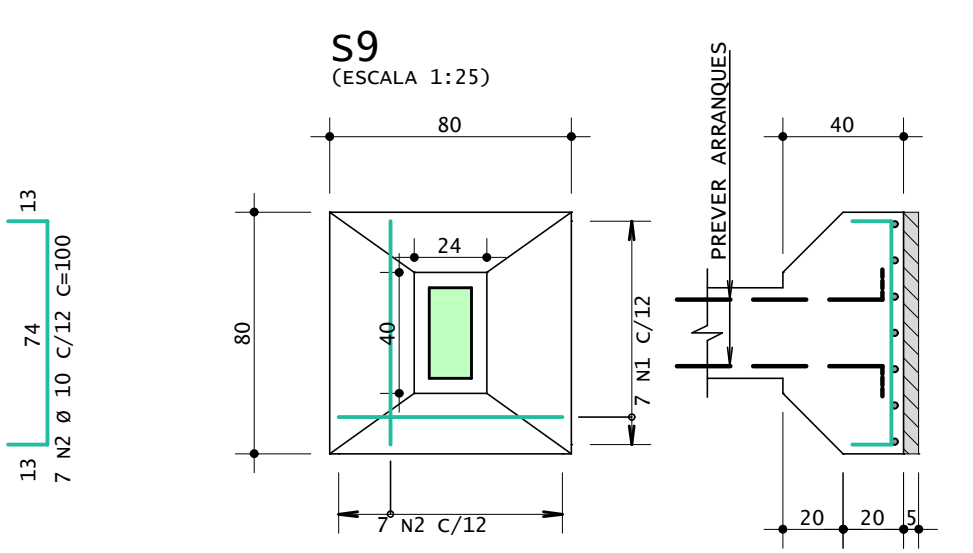
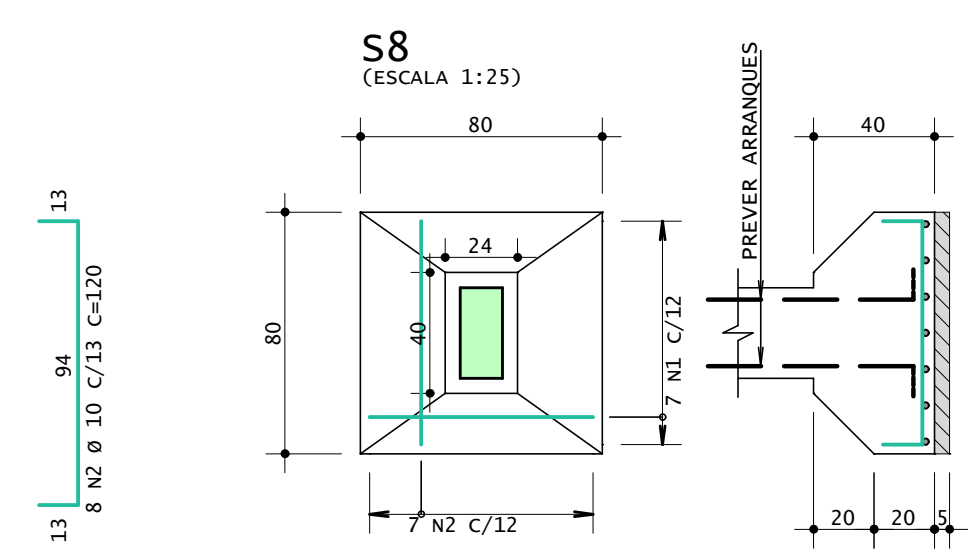
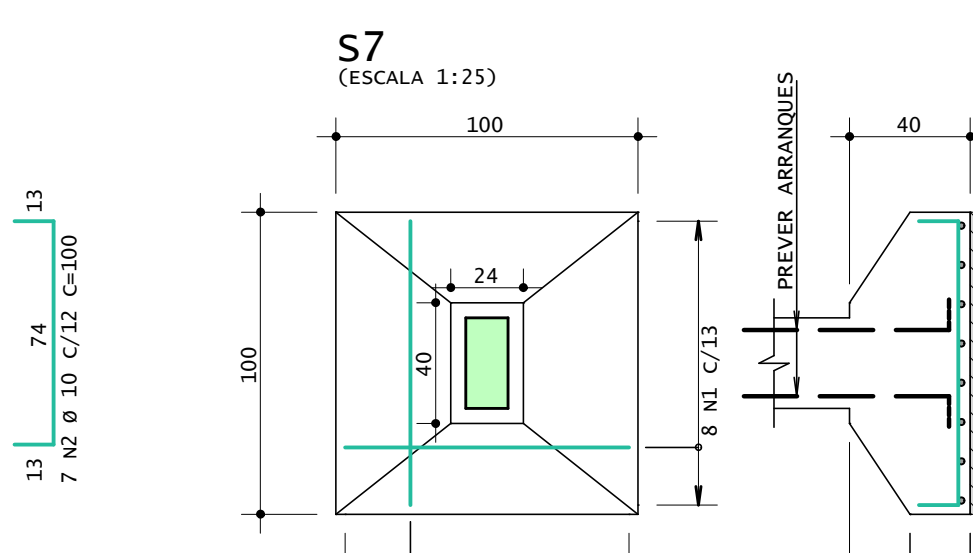
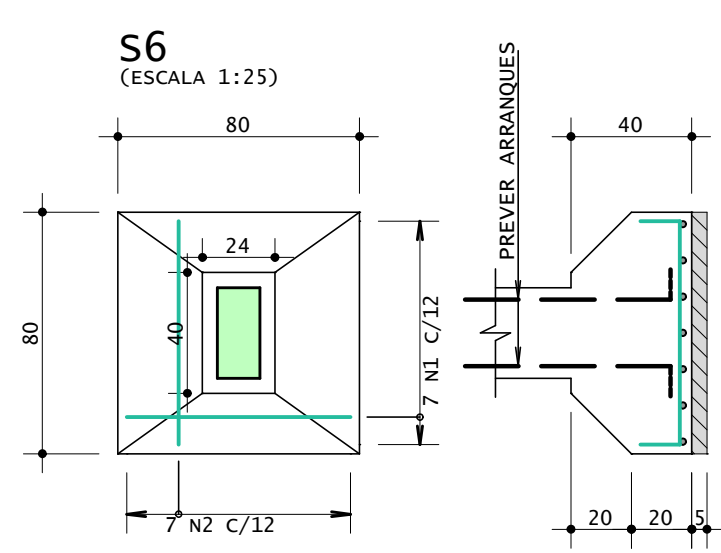
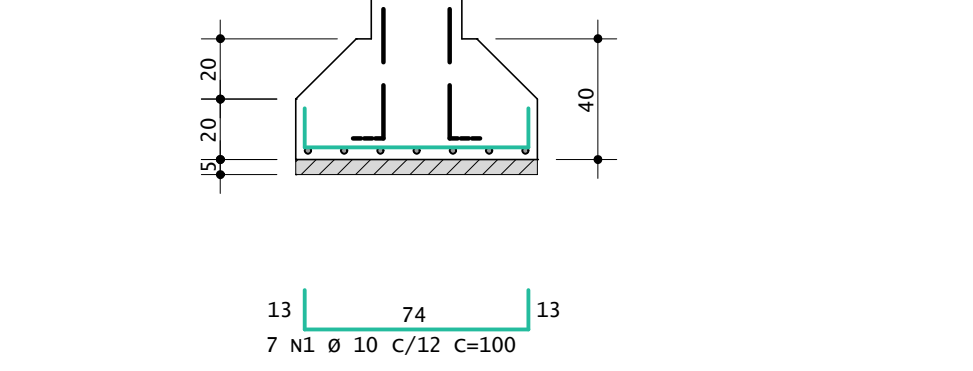
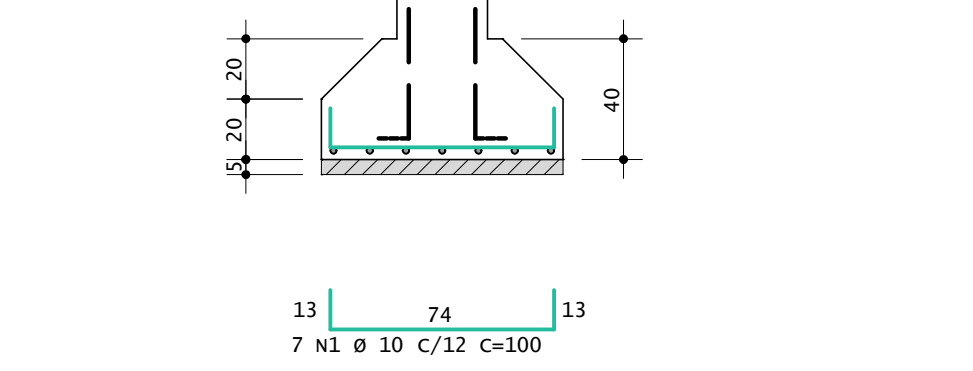
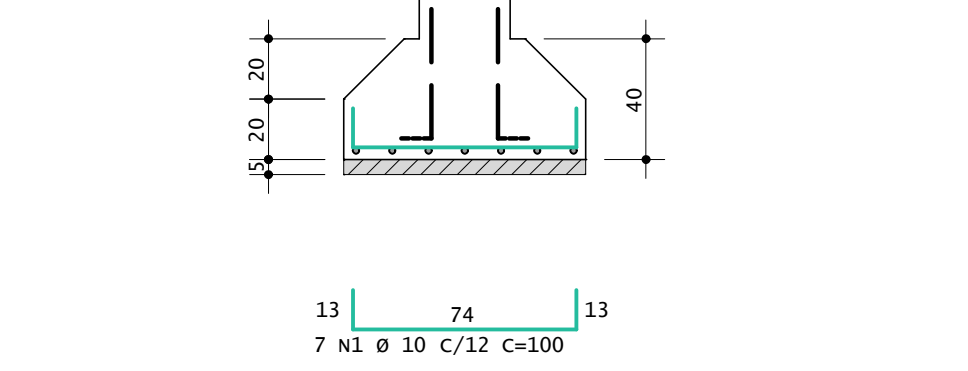
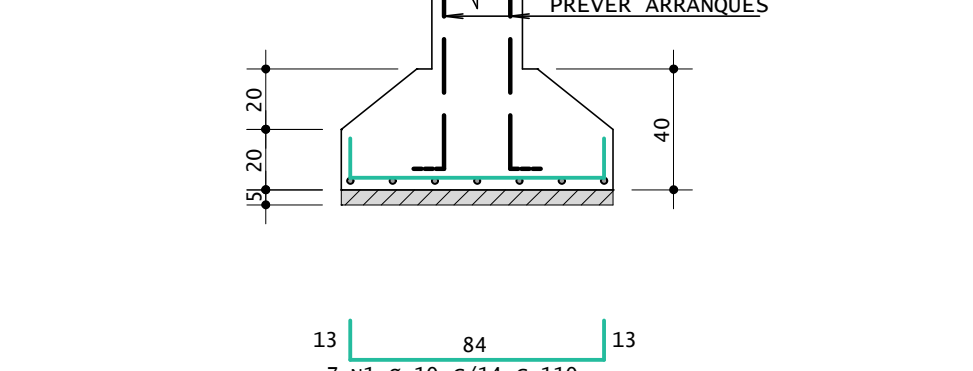
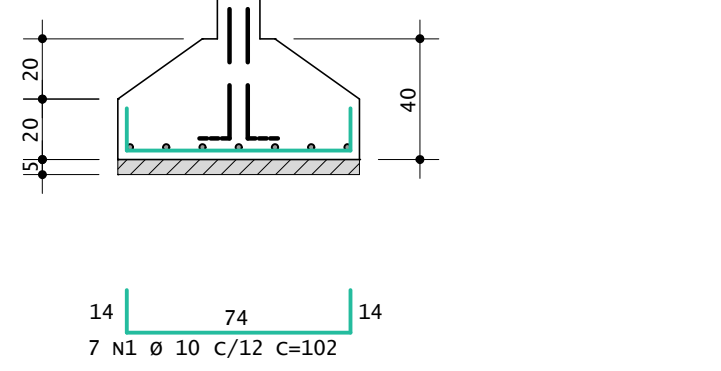
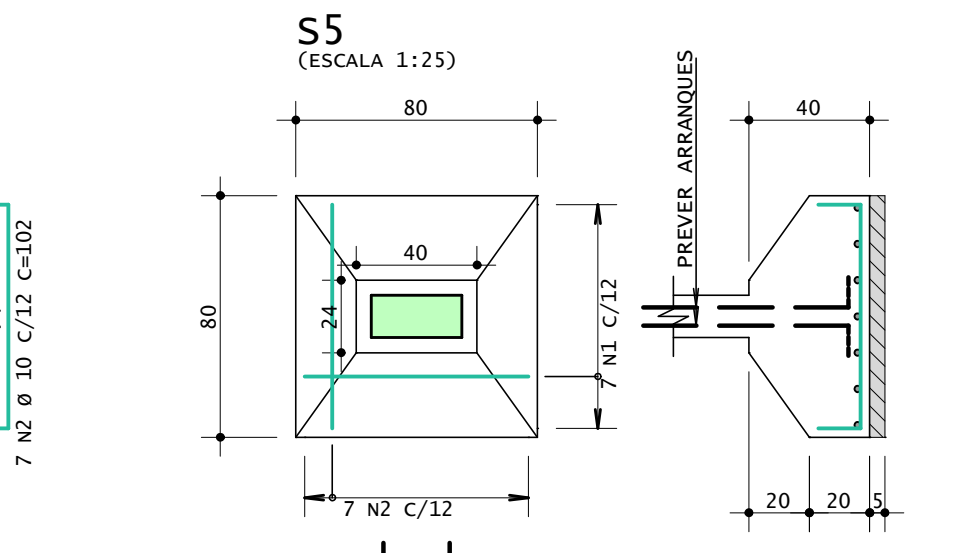
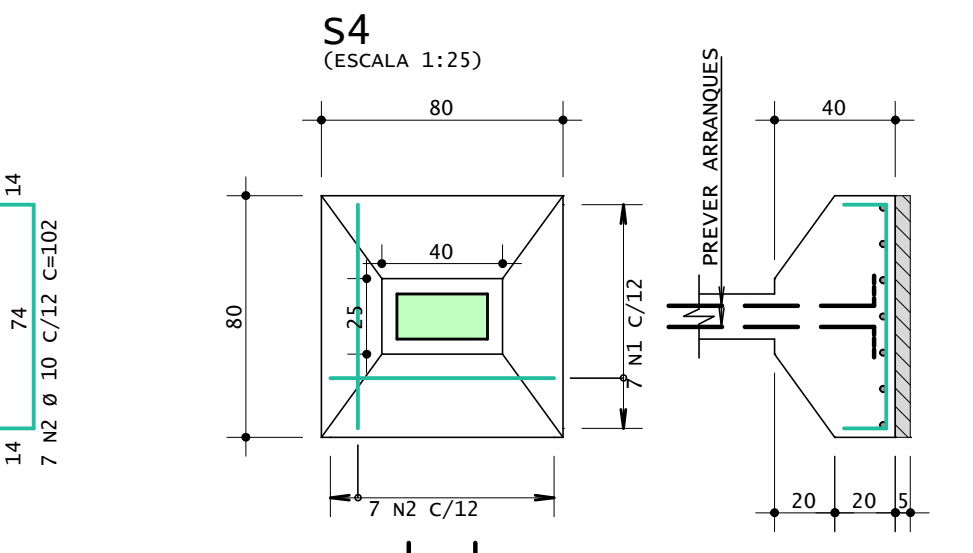
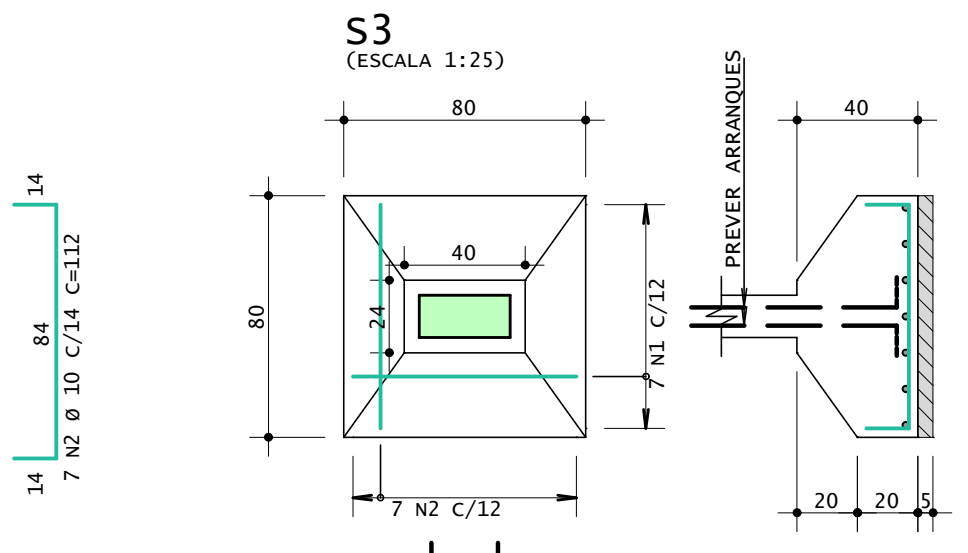
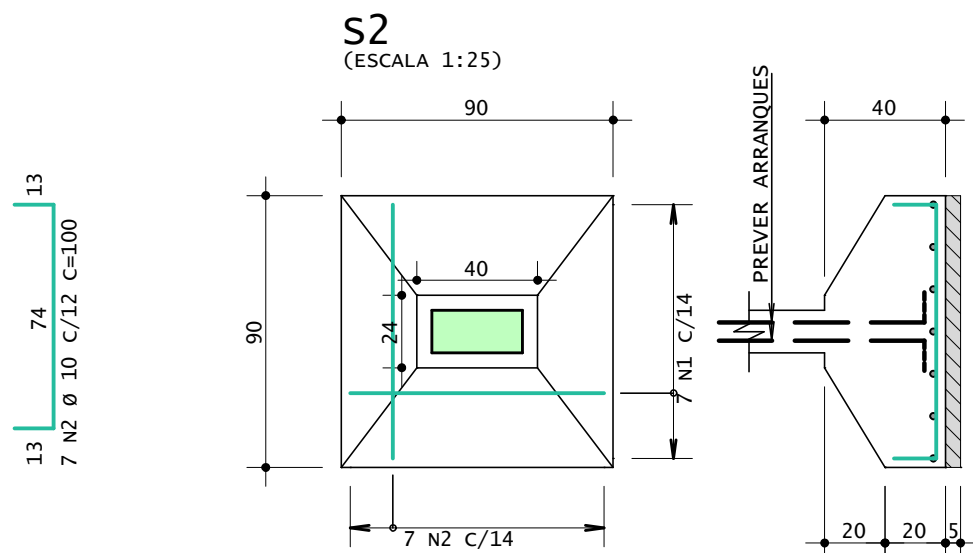
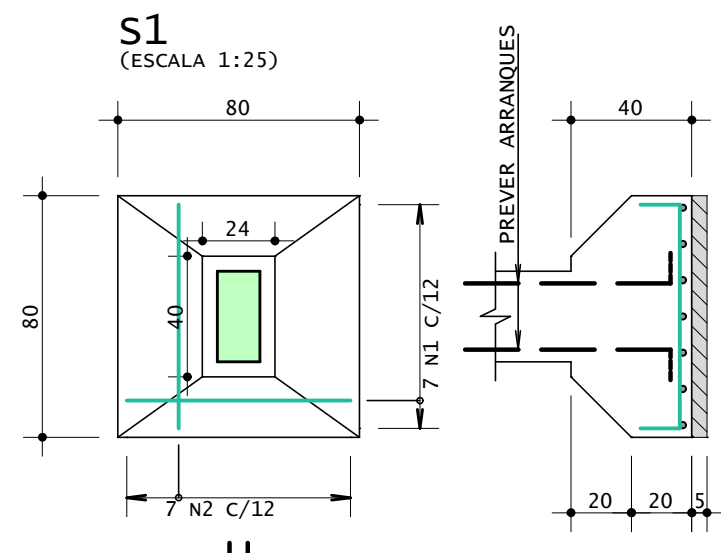
Planta de Forma\_Platebanda



Planta de Forma\_Caixa D'Água

|                                            |        |                     |        |           |
|--------------------------------------------|--------|---------------------|--------|-----------|
| CONCRETO                                   |        |                     |        | OBRA: N.º |
| fck = MPa                                  |        |                     |        | 0001      |
| ECS = Ver na Planta                        |        |                     |        | DES. N.º  |
| CLIENTE                                    |        |                     |        | 004       |
| PREFEITURA MUNICIPAL DE SÃO MIGUEL DO ANTA |        |                     |        |           |
| OBRA                                       |        |                     |        |           |
| Capela Mortuária                           |        |                     |        |           |
| TÍTULO                                     |        |                     |        |           |
| Planta de Forma                            |        |                     |        |           |
| REV. N.º                                   |        |                     |        | 00        |
| DATA                                       | ESCALA | DESENHO             | COORD. | ENG. N.º  |
| 24/08/2026                                 | 1:50   | CAP-ESP-FOR-004-R00 |        |           |

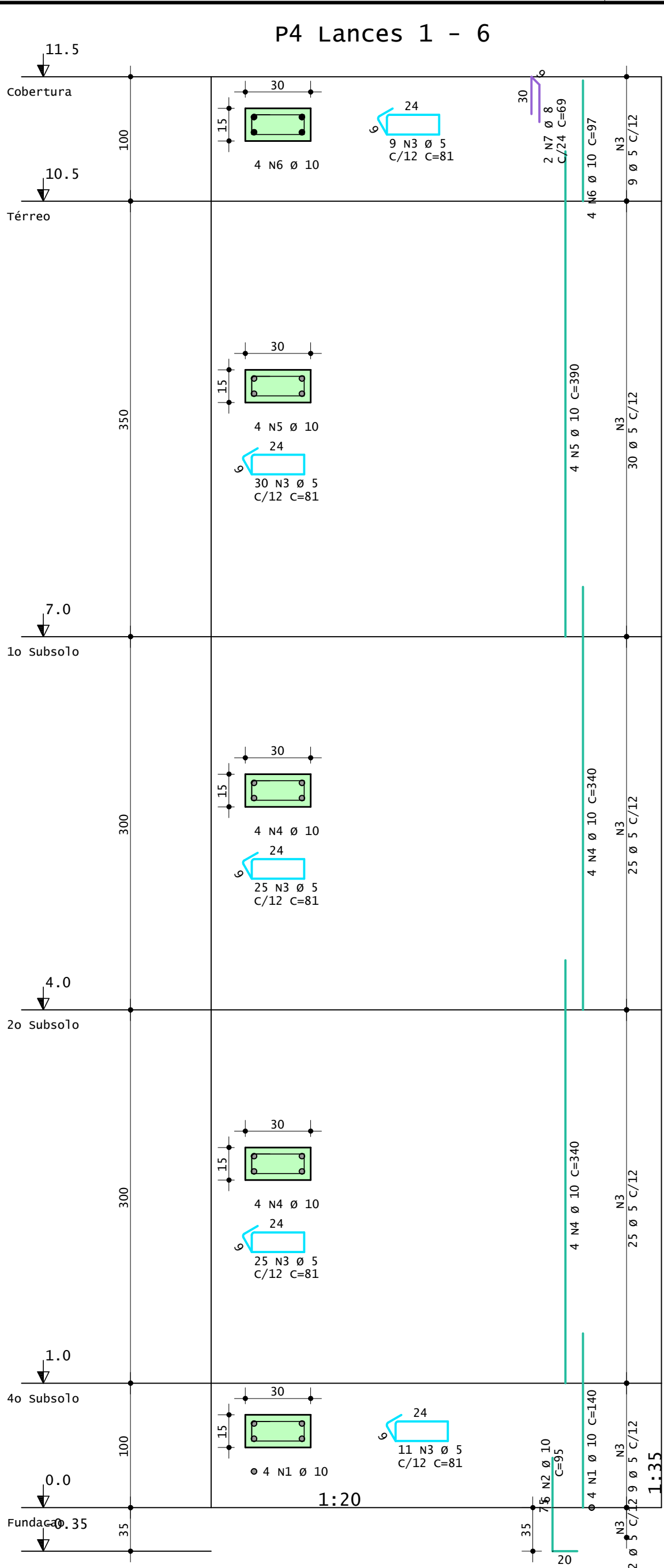
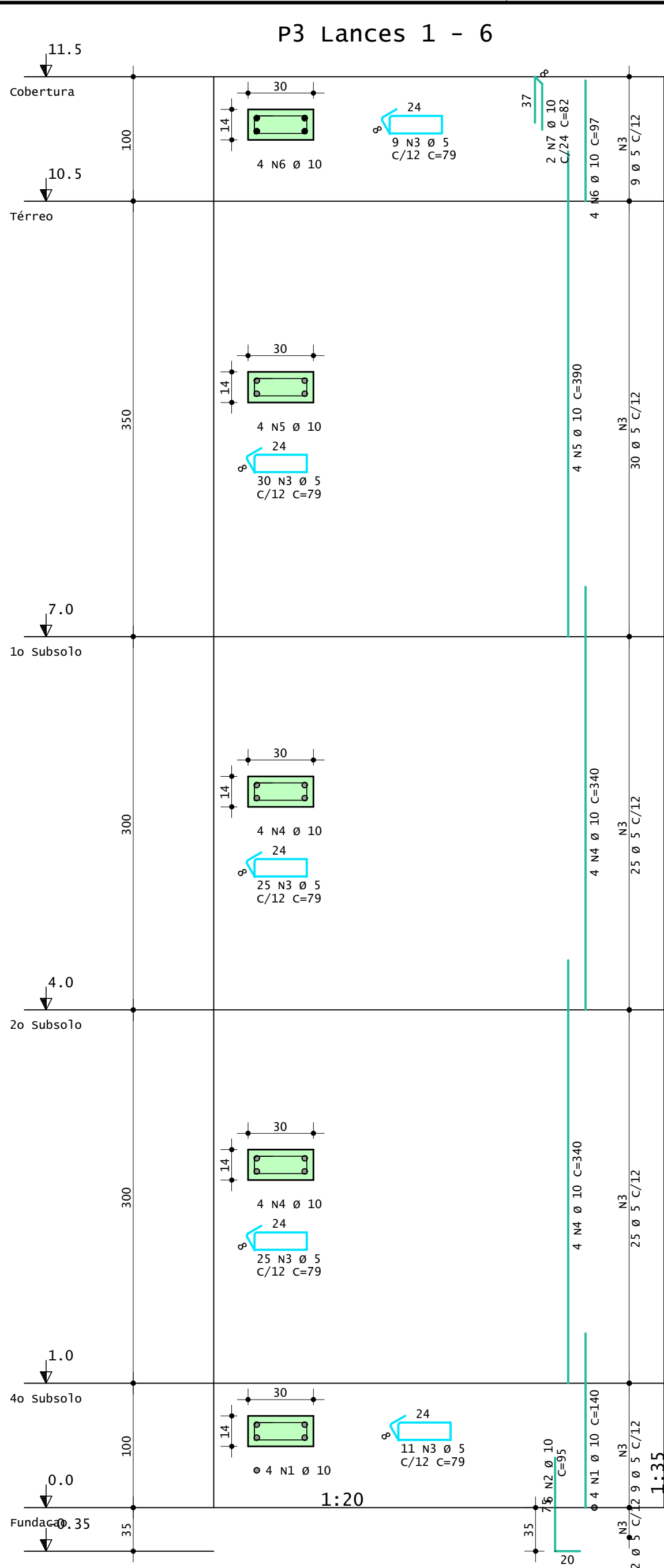
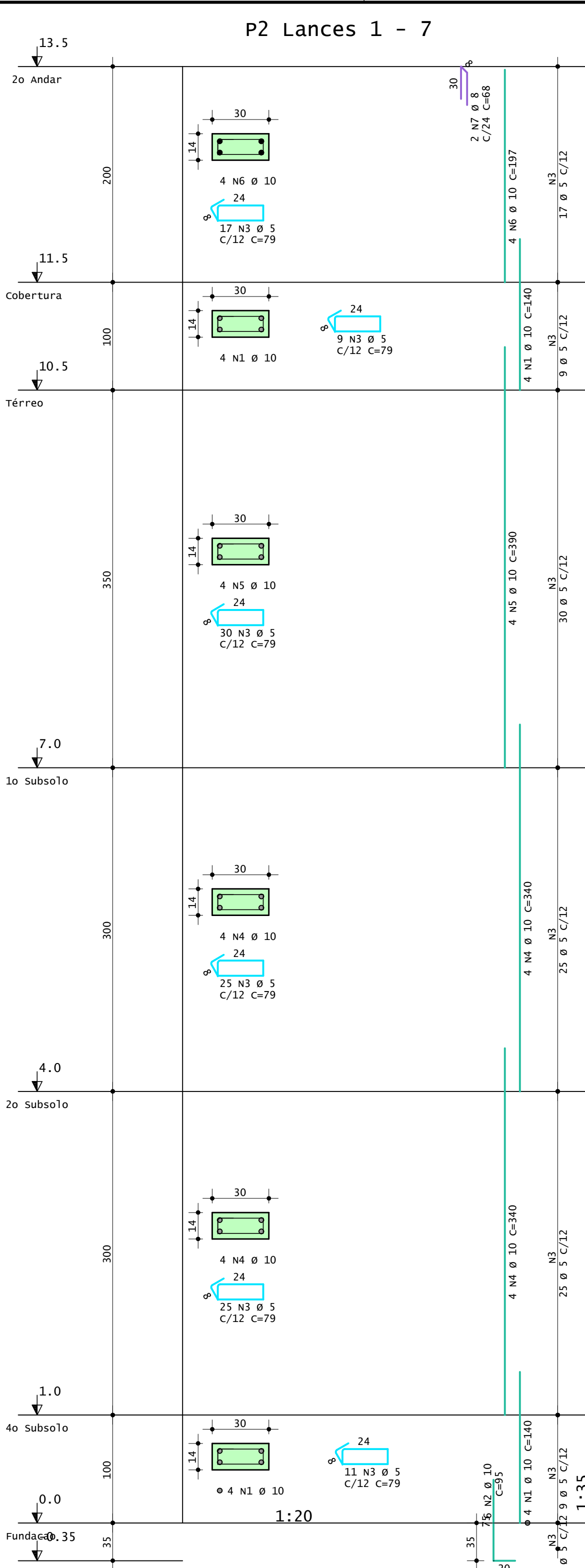
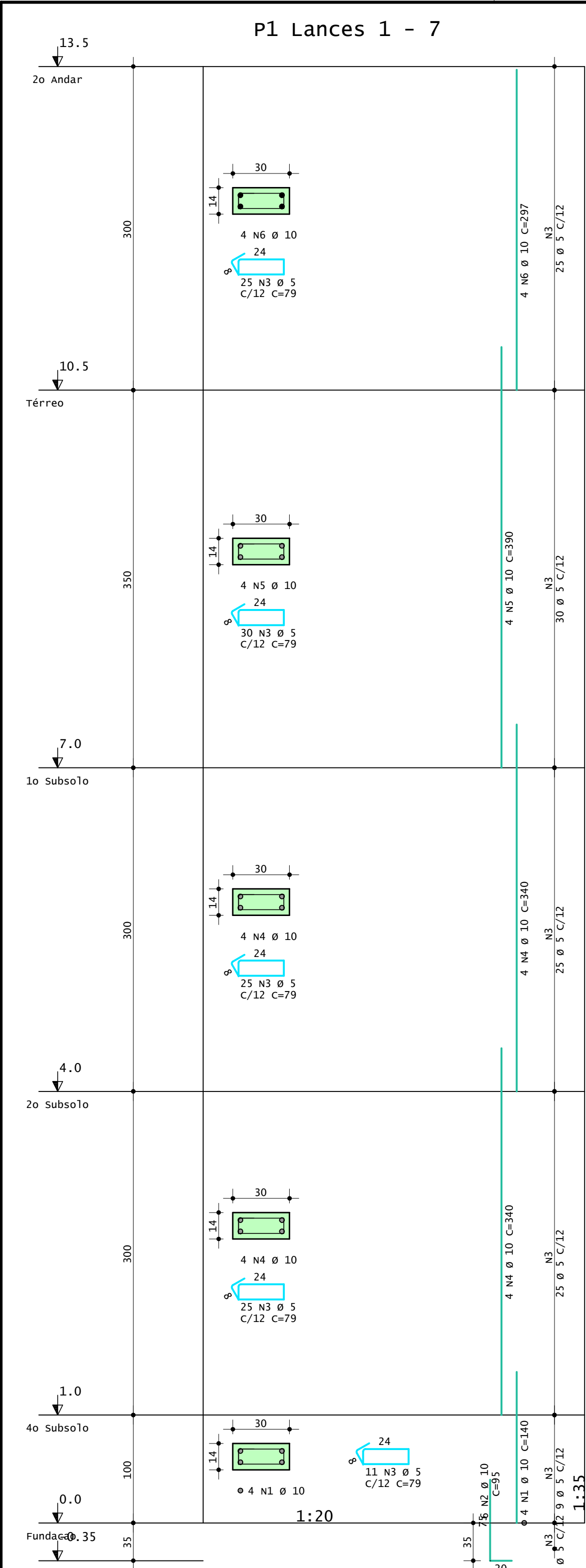
RAFAEL DE OLIVEIRA MAGALHÃES PL CAP-FUN-FUN-005-R00-PLT 24/08/2026 13:44:24



|     | AÇO | POS | BIT | QUANT | COMPRIMENTO |       |
|-----|-----|-----|-----|-------|-------------|-------|
|     |     |     |     |       | UNIT        | TOTAL |
|     |     |     | mm  |       | cm          | cm    |
| S1  | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S2  | 50A | 1   | 10  | 7     | 110         | 770   |
|     | 50A | 2   | 10  | 7     | 112         | 784   |
| S3  | 50A | 1   | 10  | 7     | 100         | 700   |
|     | 50A | 2   | 10  | 7     | 102         | 714   |
| S4  | 50A | 1   | 10  | 7     | 100         | 700   |
|     | 50A | 2   | 10  | 7     | 102         | 714   |
| S5  | 50A | 1   | 10  | 7     | 100         | 700   |
|     | 50A | 2   | 10  | 7     | 102         | 714   |
| S6  | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S7  | 50A | 1   | 10  | 8     | 122         | 976   |
|     | 50A | 2   | 10  | 8     | 120         | 960   |
| S8  | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S9  | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S10 | 50A | 1   | 10  | 7     | 100         | 700   |
|     | 50A | 2   | 10  | 7     | 102         | 714   |
| S11 | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S12 | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 105         | 735   |
| S13 | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S14 | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S15 | 50A | 1   | 10  | 7     | 100         | 700   |
|     | 50A | 2   | 10  | 7     | 102         | 714   |
| S16 | 50A | 1   | 10  | 7     | 100         | 700   |
|     | 50A | 2   | 10  | 7     | 102         | 714   |
| S17 | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S18 | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S19 | 50A | 1   | 10  | 7     | 102         | 714   |
|     | 50A | 2   | 10  | 7     | 100         | 700   |
| S20 | 50A | 1   | 10  | 7     | 100         | 700   |
|     | 50A | 2   | 10  | 7     | 102         | 714   |

| RESUMO DE AÇO |     |       |         |
|---------------|-----|-------|---------|
| AÇO           | BIT | COMPR | PESO    |
|               | mm  | m     | kgf     |
| 50A           | 10  | 290   | 179     |
| Peso Total    |     | 50A = | 179 kgf |

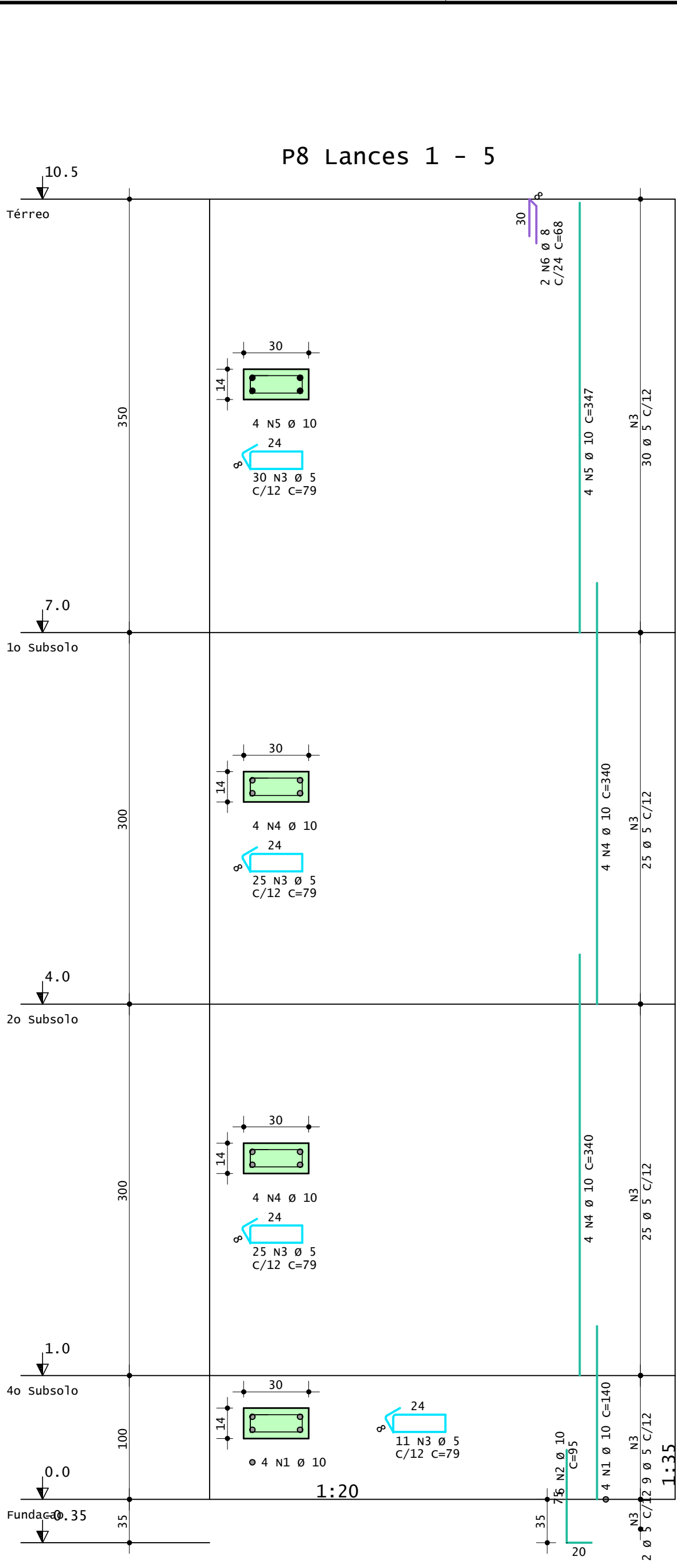
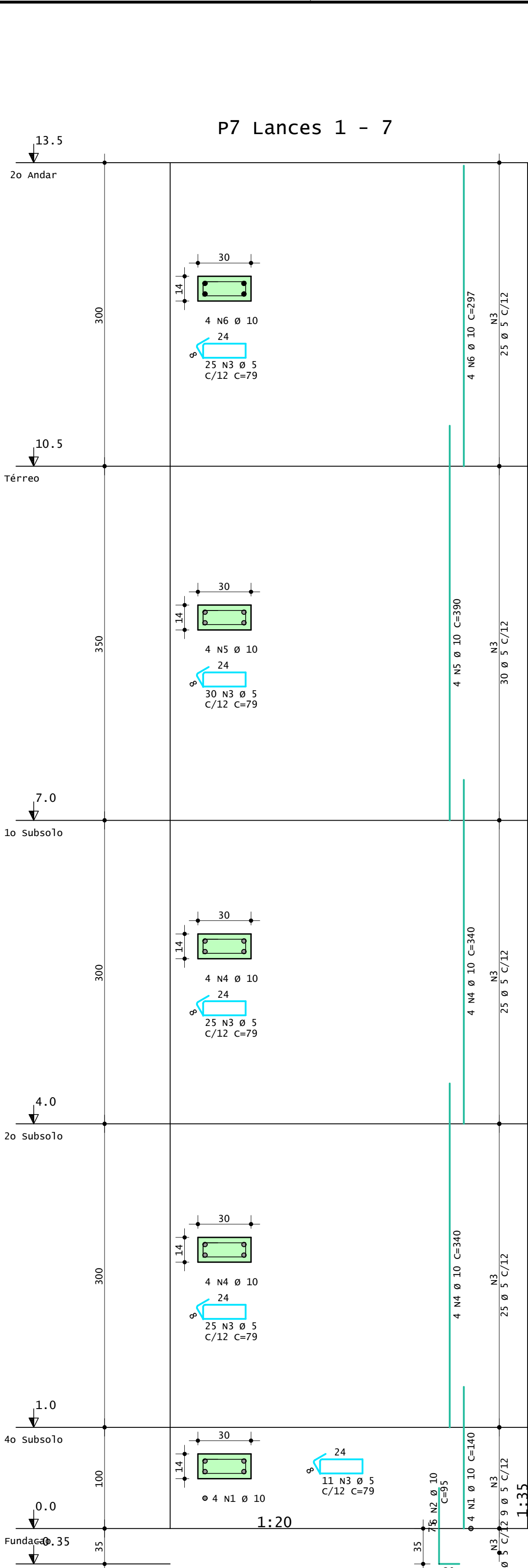
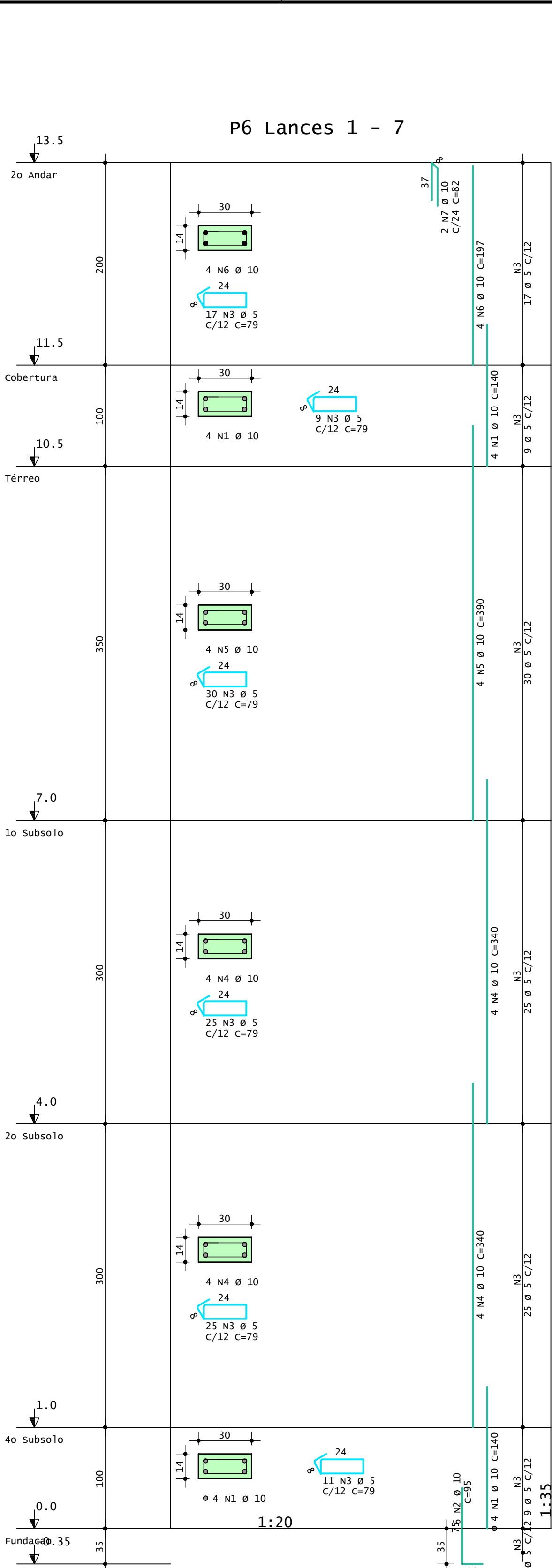
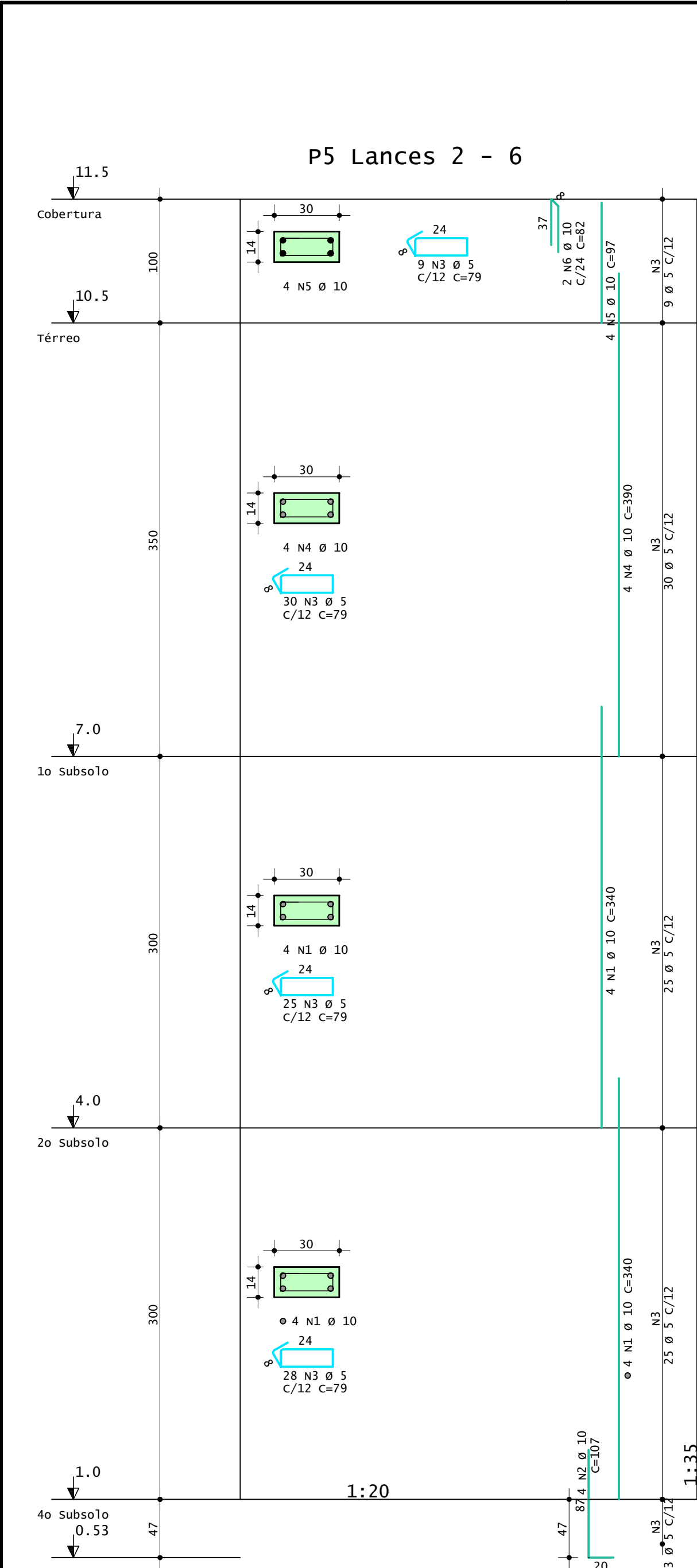
|                                                                                                              |                |                                |                         |
|--------------------------------------------------------------------------------------------------------------|----------------|--------------------------------|-------------------------|
| CONCRETO<br>fck = 25 MPa<br>ECS = Ver na Planta                                                              |                |                                | OBRA N.º<br><b>0001</b> |
| CLIENTE<br><b>Prefeitura Municipal de São Miguel do Anta</b>                                                 |                |                                | DES. N.º<br><b>005</b>  |
| OBRA<br><b>Capela Mortuária</b>                                                                              |                |                                | REV. N.º<br><b>00</b>   |
| TÍTULO<br><b>Fundação Sapatas</b>                                                                            |                |                                | ENG. N.º                |
| S1 / S2 / S3 / S4 / S5 / S6 / S7 / S8 / S9 / S10 / S11 / S12 / S13 / S14 / S15 / S16 / S17 / S18 / S19 / S20 |                |                                |                         |
| DATA<br>24/08/2026                                                                                           | ESCALA<br>1:25 | DESENHO<br>CAP-FUN-FUN-005-R00 | COORD.                  |



| AÇO             | POS | BIT | QUANT | COMPRIMENTO |       |
|-----------------|-----|-----|-------|-------------|-------|
|                 |     |     |       | UNIT        | TOTAL |
|                 |     | mm  |       | cm          | cm    |
| P1 Lances 1 - 7 |     |     |       |             |       |
| 50A             | 1   | 10  | 4     | 140         | 560   |
| 50A             | 2   | 10  | 6     | 95          | 570   |
| 60A             | 3   | 5   | 116   | 79          | 9164  |
| 50A             | 4   | 10  | 8     | 340         | 2720  |
| 50A             | 5   | 10  | 4     | 390         | 1560  |
| 50A             | 6   | 10  | 4     | 297         | 1188  |
| P2 Lances 1 - 7 |     |     |       |             |       |
| 50A             | 1   | 10  | 8     | 140         | 1120  |
| 50A             | 2   | 10  | 6     | 95          | 570   |
| 60A             | 3   | 5   | 117   | 79          | 9243  |
| 50A             | 4   | 10  | 8     | 340         | 2720  |
| 50A             | 5   | 10  | 4     | 390         | 1560  |
| 50A             | 6   | 10  | 4     | 197         | 788   |
| 50A             | 7   | 8   | 2     | 68          | 136   |
| P3 Lances 1 - 6 |     |     |       |             |       |
| 50A             | 1   | 10  | 4     | 140         | 560   |
| 50A             | 2   | 10  | 6     | 95          | 570   |
| 60A             | 3   | 5   | 100   | 79          | 7900  |
| 50A             | 4   | 10  | 8     | 340         | 2720  |
| 50A             | 5   | 10  | 4     | 390         | 1560  |
| 50A             | 6   | 10  | 4     | 97          | 388   |
| 50A             | 7   | 10  | 2     | 82          | 164   |
| P4 Lances 1 - 6 |     |     |       |             |       |
| 50A             | 1   | 10  | 4     | 140         | 560   |
| 50A             | 2   | 10  | 6     | 95          | 570   |
| 60A             | 3   | 5   | 100   | 81          | 8100  |
| 50A             | 4   | 10  | 8     | 340         | 2720  |
| 50A             | 5   | 10  | 4     | 390         | 1560  |
| 50A             | 6   | 10  | 4     | 97          | 388   |
| 50A             | 7   | 8   | 2     | 69          | 138   |

| RESUMO DE AÇO |     |       |         |
|---------------|-----|-------|---------|
| AÇO           | BIT | COMPR | PESO    |
|               | mm  | =     | kgf     |
| 60A           | 5   | 344   | 53      |
| 50A           | 8   | 3     | 1       |
| 50A           | 10  | 251   | 155     |
| Peso Total    |     | 60A = | 53 kgf  |
| Peso Total    |     | 50A = | 156 kgf |

|                                                                       |        |                     |        |
|-----------------------------------------------------------------------|--------|---------------------|--------|
| CONCRETO                                                              |        | OBRA N.º            |        |
| fck = 25 MPa                                                          |        | 0001                |        |
| ECS = Ver na Planta                                                   |        | DES. N.º            |        |
| CLIENTE                                                               |        | 006                 |        |
| OBRA                                                                  |        | REV. N.º            |        |
| Capela Mortuária                                                      |        | 00                  |        |
| TÍTULO                                                                |        | ENG.º               |        |
| Fundação Pilar                                                        |        |                     |        |
| P1 Lances 1 - 7 / P2 Lances 1 - 7 / P3 Lances 1 - 6 / P4 Lances 1 - 6 |        |                     |        |
| DATA                                                                  | ESCALA | DESENHO             | COORD. |
| 24/08/2026                                                            | 1:20   | CAP-PIL-PIL-006-R00 |        |



| AÇO             | POS | BIT | QUANT | COMPRIMENTO |       |
|-----------------|-----|-----|-------|-------------|-------|
|                 |     |     |       | UNIT        | TOTAL |
|                 |     | mm  |       | cm          | cm    |
| P5 Lances 2 - 6 |     |     |       |             |       |
| 50A             | 1   | 10  | 8     | 340         | 2720  |
| 50A             | 2   | 10  | 4     | 107         | 428   |
| 60A             | 3   | 5   | 92    | 79          | 7268  |
| 50A             | 4   | 10  | 4     | 390         | 1560  |
| 50A             | 5   | 10  | 4     | 97          | 388   |
| 50A             | 6   | 10  | 2     | 82          | 164   |
| P6 Lances 1 - 7 |     |     |       |             |       |
| 50A             | 1   | 10  | 8     | 140         | 1120  |
| 50A             | 2   | 10  | 6     | 95          | 570   |
| 60A             | 3   | 5   | 117   | 79          | 9243  |
| 50A             | 4   | 10  | 8     | 340         | 2720  |
| 50A             | 5   | 10  | 4     | 390         | 1560  |
| 50A             | 6   | 10  | 4     | 197         | 788   |
| 50A             | 7   | 10  | 2     | 82          | 164   |
| P7 Lances 1 - 7 |     |     |       |             |       |
| 50A             | 1   | 10  | 4     | 140         | 560   |
| 50A             | 2   | 10  | 6     | 95          | 570   |
| 60A             | 3   | 5   | 116   | 79          | 9164  |
| 50A             | 4   | 10  | 8     | 340         | 2720  |
| 50A             | 5   | 10  | 4     | 390         | 1560  |
| 50A             | 6   | 10  | 4     | 297         | 1188  |
| P8 Lances 1 - 5 |     |     |       |             |       |
| 50A             | 1   | 10  | 4     | 140         | 560   |
| 50A             | 2   | 10  | 6     | 95          | 570   |
| 60A             | 3   | 5   | 91    | 79          | 7189  |
| 50A             | 4   | 10  | 8     | 340         | 2720  |
| 50A             | 5   | 10  | 4     | 347         | 1388  |
| 50A             | 6   | 8   | 2     | 68          | 136   |

| RESUMO DE AÇO |     |       |               |
|---------------|-----|-------|---------------|
| AÇO           | BIT | COMPR | PESO          |
|               | mm  | m     | kgf           |
| 60A           | 5   | 329   | 51            |
| 50A           | 8   | 1     | 1             |
| 50A           | 10  | 240   | 148           |
| Peso Total    |     |       | 60A = 51 kgf  |
| Peso Total    |     |       | 50A = 149 kgf |

CONCRETO

fck = 25 MPa

ECS = Ver na Planta

CLIENTE

Prefeitura Municipal de São Miguel do Anta

OBRAS

Capela Mortuária

TÍTULO

Fundação Pilar

P5 Lances 2 - 6 / P6 Lances 1 - 7 / P7 Lances 1 - 7 / P8 Lances 1 - 5

DATA

24/08/2026

ESCALA

1:20

DESENHO

CAP-PIL-PIL-007-R00

COORD.

OBRAS N.º

0001

DES. N.º

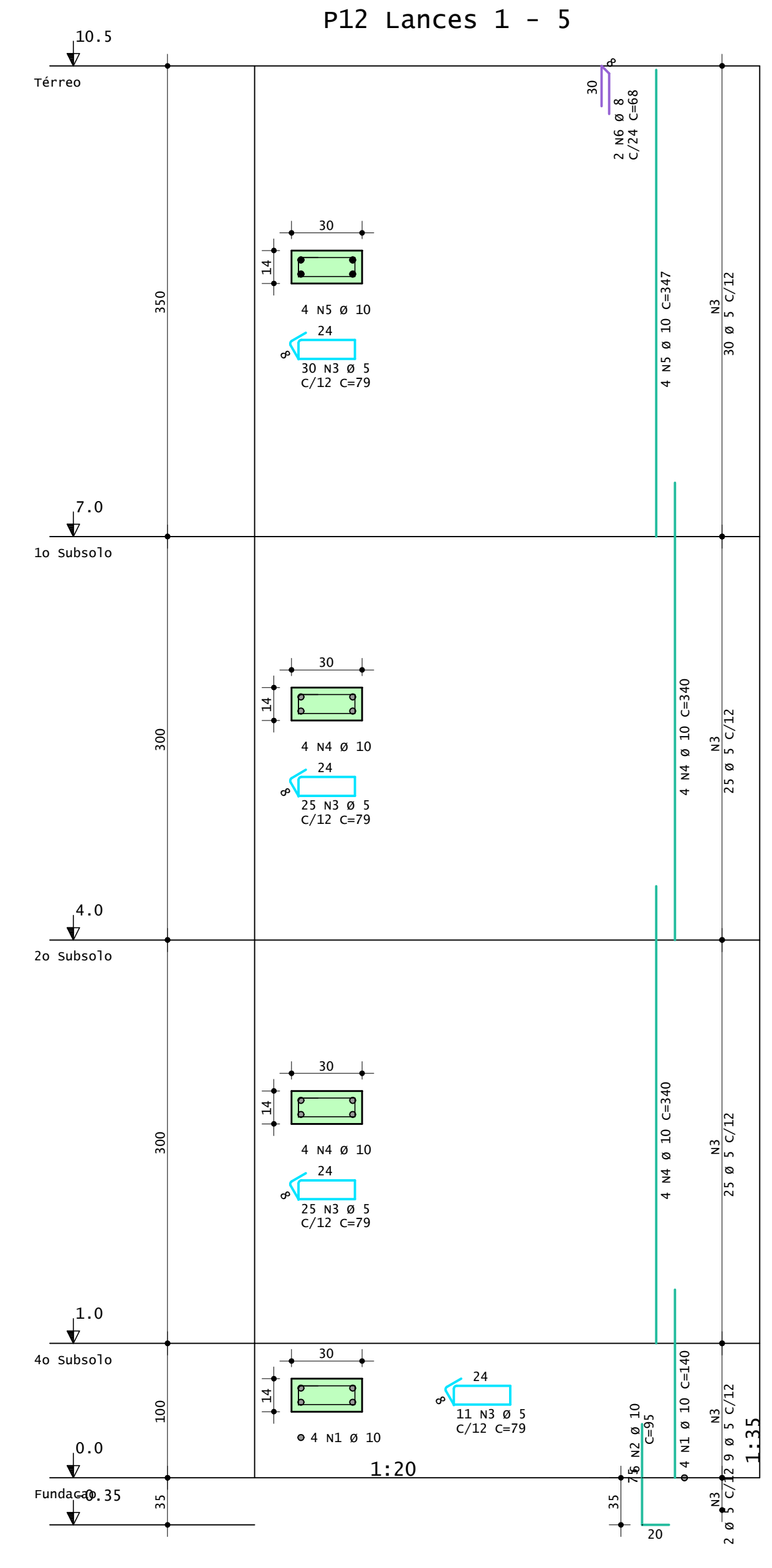
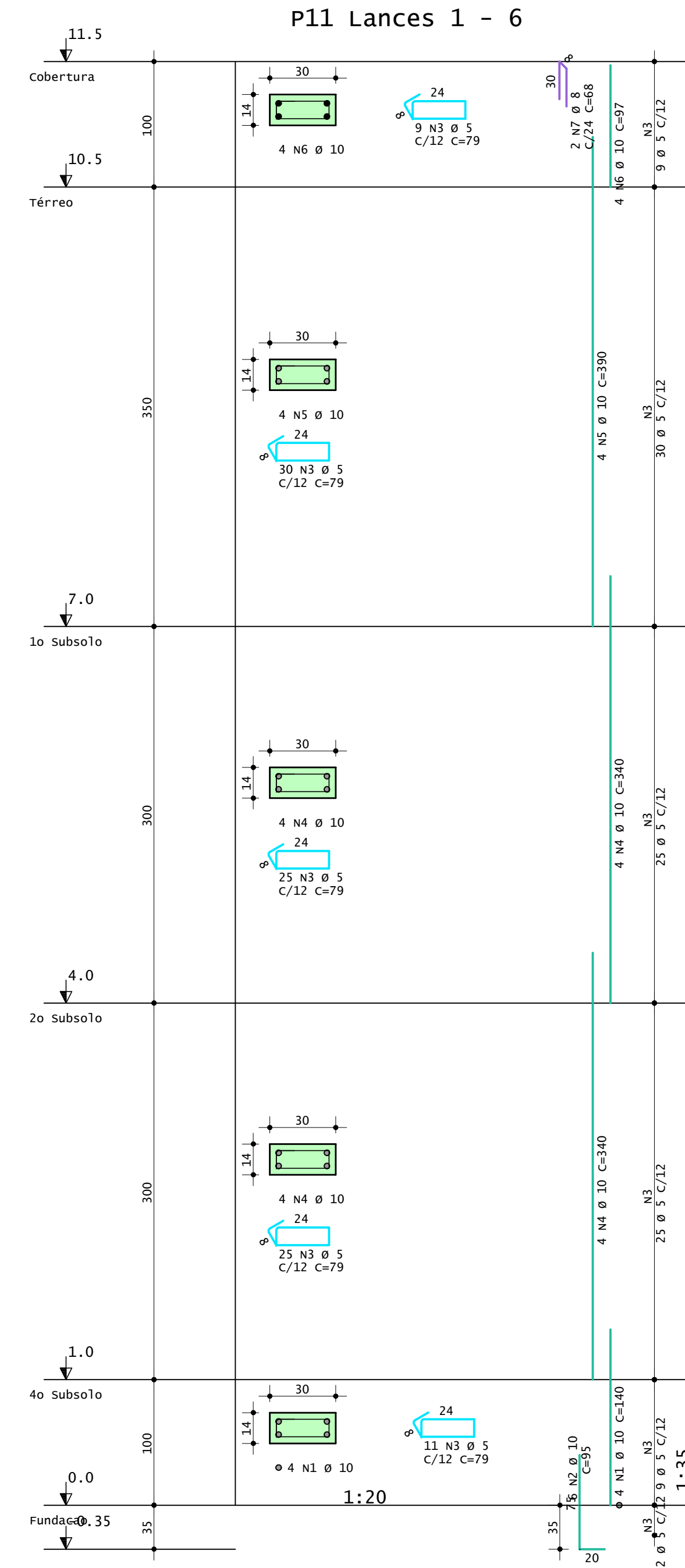
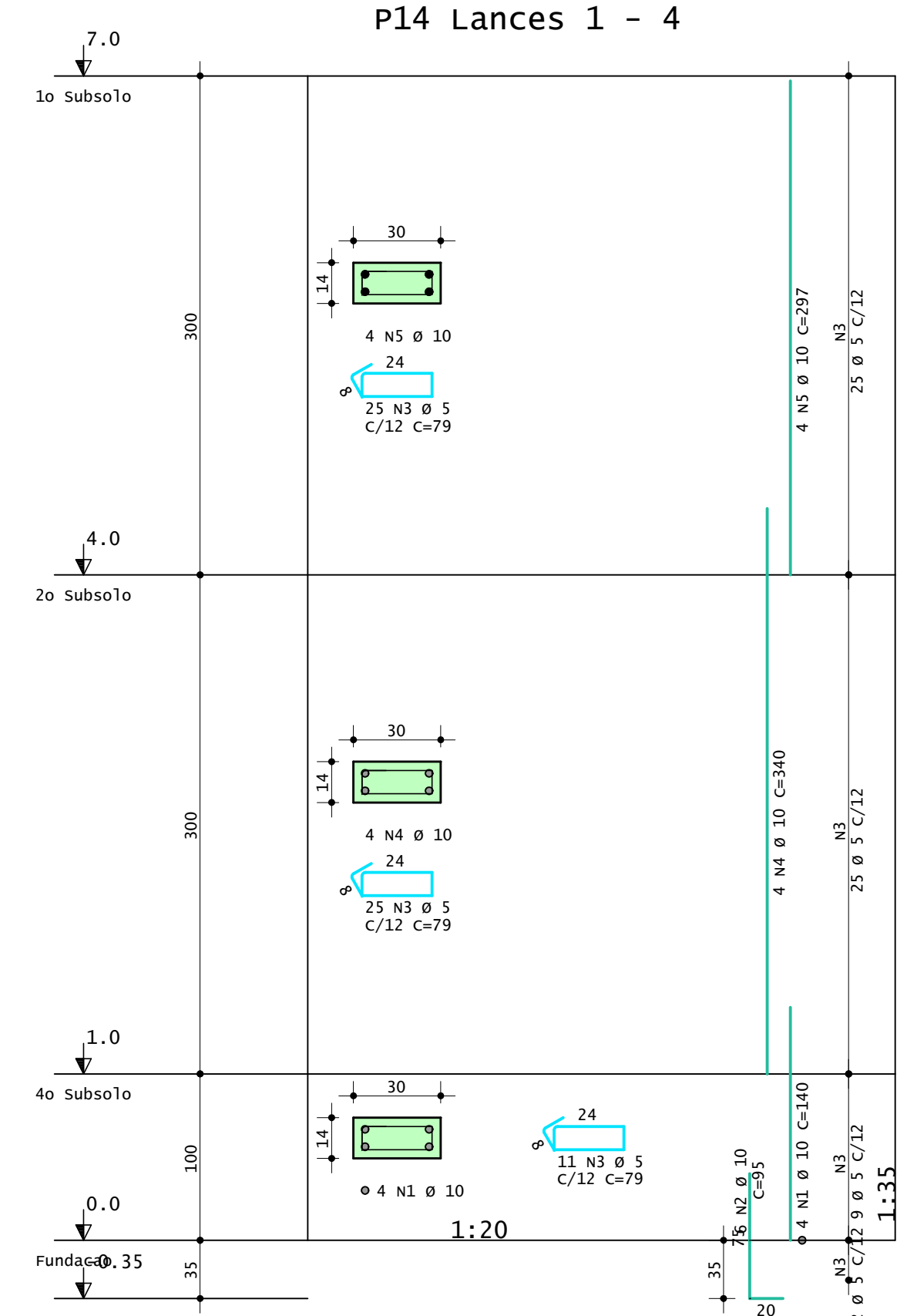
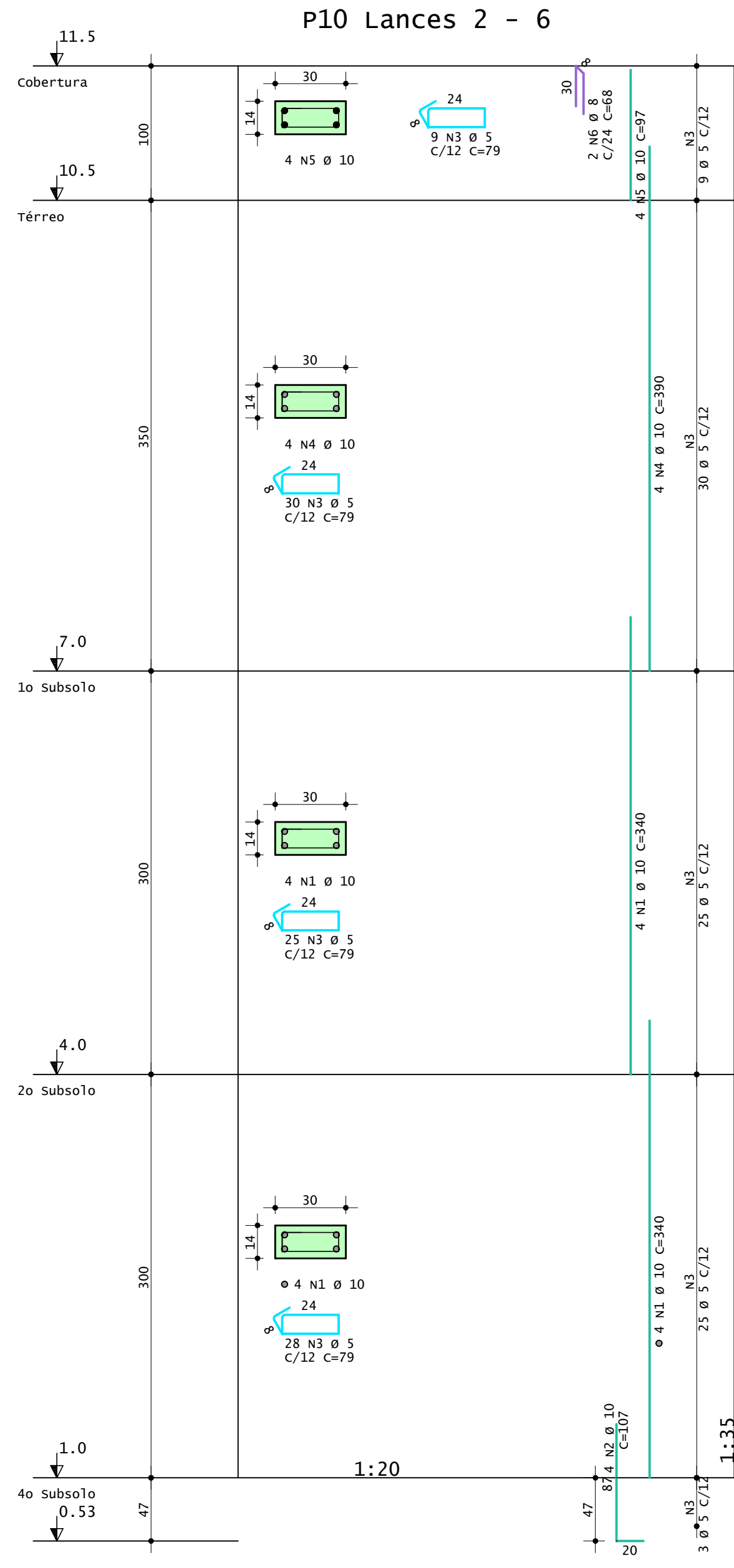
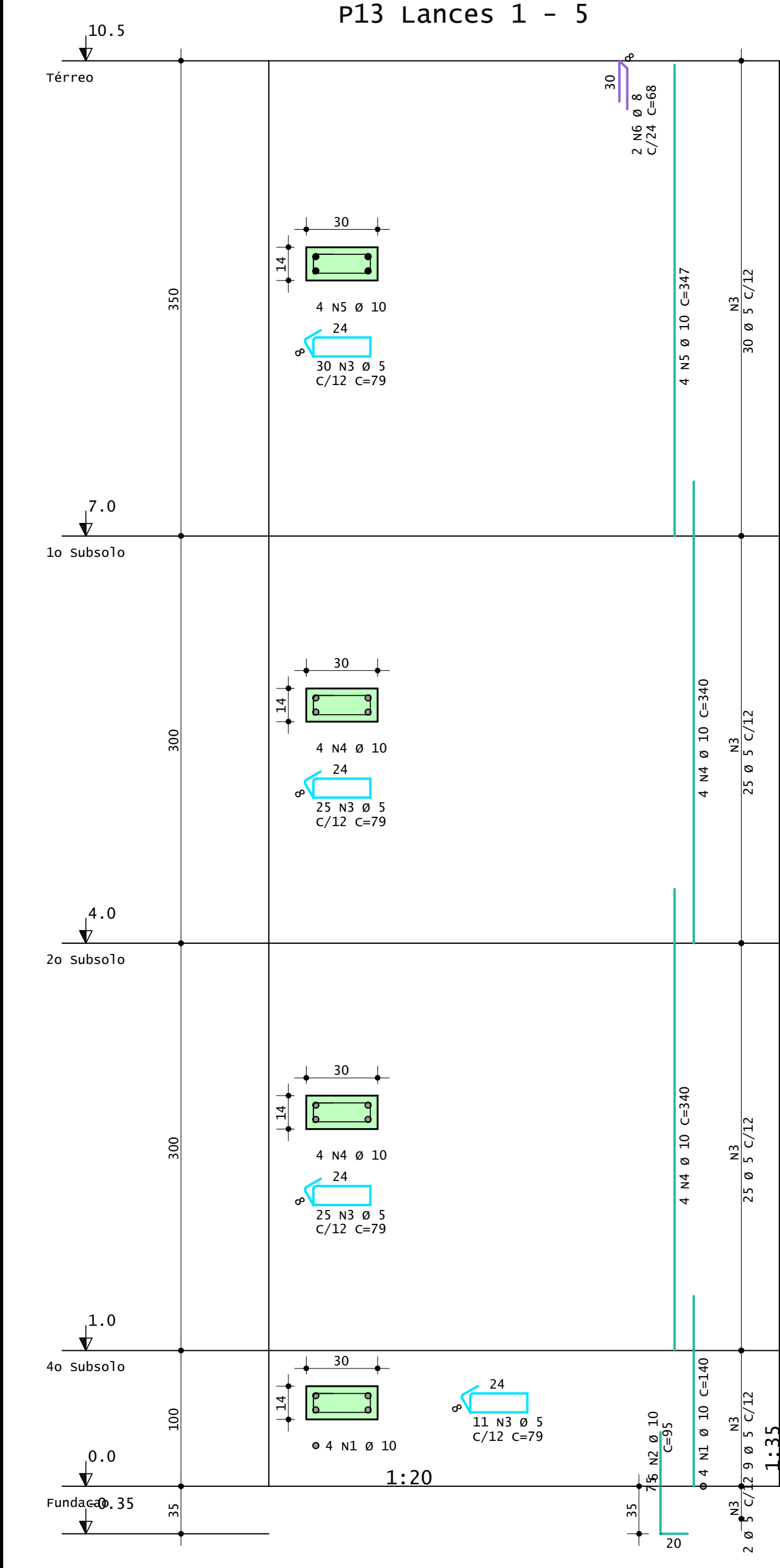
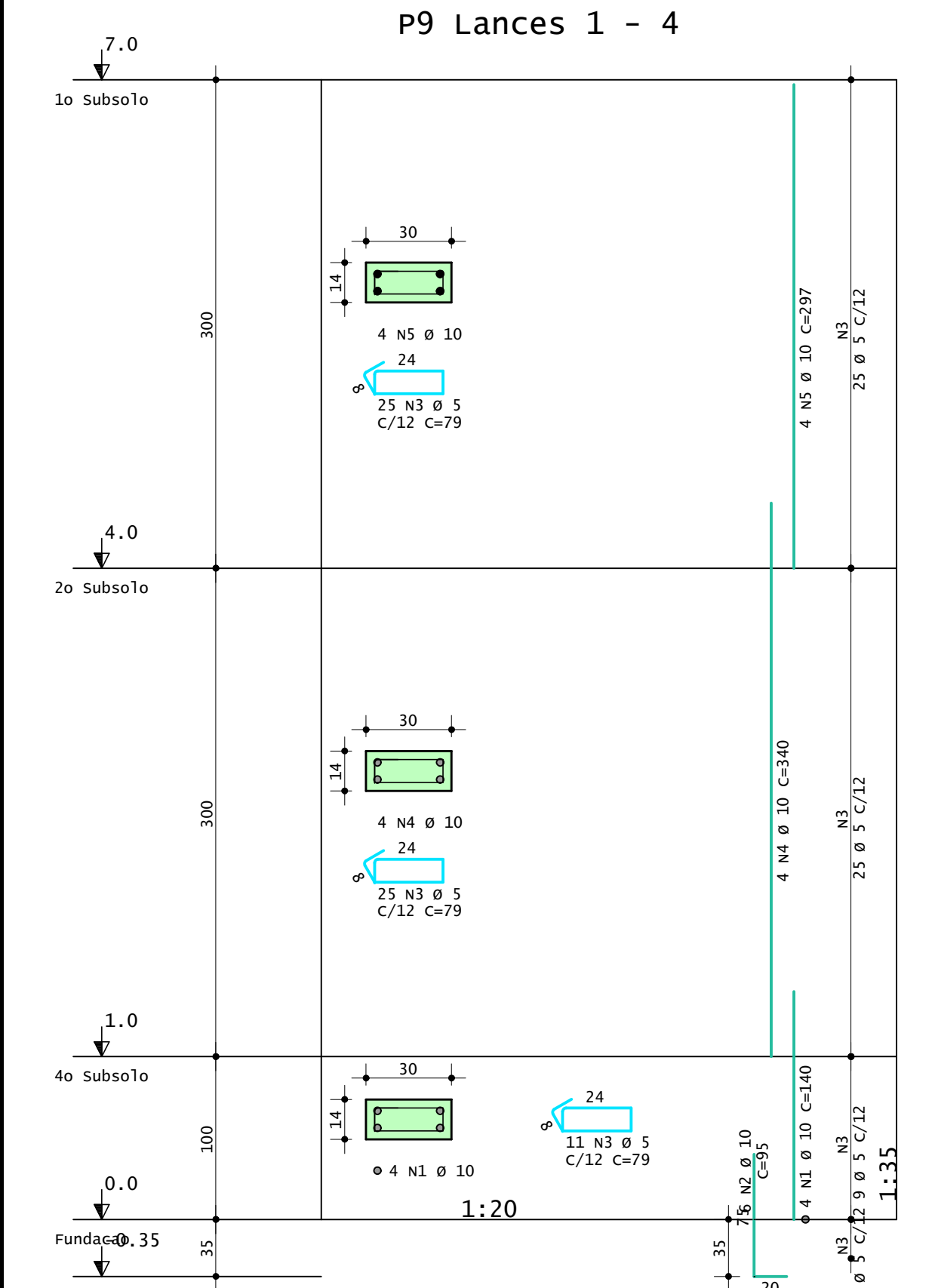
007

REV. N.º

00

ENG.º

RAFAEL DE OLIVEIRA MAGALHÃES PL\_CAP-PIL-PIL-008-R00-PLT 24/08/2026 13:44:26



| AÇO              | POS | BIT | QUANT | COMPRIMENTO |             |
|------------------|-----|-----|-------|-------------|-------------|
|                  |     | mm  |       | UNIT<br>cm  | TOTAL<br>cm |
| P9 Lances 1 - 4  |     |     |       |             |             |
| 50A              | 1   | 10  | 4     | 140         | 560         |
| 50A              | 2   | 10  | 6     | 95          | 570         |
| 60A              | 3   | 5   | 61    | 79          | 4819        |
| 50A              | 4   | 10  | 4     | 340         | 1360        |
| 50A              | 5   | 10  | 4     | 297         | 1188        |
| P10 Lances 2 - 6 |     |     |       |             |             |
| 50A              | 1   | 10  | 8     | 340         | 2720        |
| 50A              | 2   | 10  | 4     | 107         | 428         |
| 60A              | 3   | 5   | 92    | 79          | 7268        |
| 50A              | 4   | 10  | 4     | 390         | 1560        |
| 50A              | 5   | 10  | 4     | 97          | 388         |
| 50A              | 6   | 8   | 2     | 68          | 136         |
| P11 Lances 1 - 6 |     |     |       |             |             |
| 50A              | 1   | 10  | 4     | 140         | 560         |
| 50A              | 2   | 10  | 6     | 95          | 570         |
| 60A              | 3   | 5   | 100   | 79          | 7900        |
| 50A              | 4   | 10  | 8     | 340         | 2720        |
| 50A              | 5   | 10  | 4     | 390         | 1560        |
| 50A              | 6   | 10  | 4     | 97          | 388         |
| 50A              | 7   | 8   | 2     | 68          | 136         |
| P12 Lances 1 - 5 |     |     |       |             |             |
| 50A              | 1   | 10  | 4     | 140         | 560         |
| 50A              | 2   | 10  | 6     | 95          | 570         |
| 60A              | 3   | 5   | 91    | 79          | 7189        |
| 50A              | 4   | 10  | 8     | 340         | 2720        |
| 50A              | 5   | 10  | 4     | 347         | 1388        |
| 50A              | 6   | 8   | 2     | 68          | 136         |
| P13 Lances 1 - 5 |     |     |       |             |             |
| 50A              | 1   | 10  | 4     | 140         | 560         |
| 50A              | 2   | 10  | 6     | 95          | 570         |
| 60A              | 3   | 5   | 91    | 79          | 7189        |
| 50A              | 4   | 10  | 8     | 340         | 2720        |
| 50A              | 5   | 10  | 4     | 347         | 1388        |
| 50A              | 6   | 8   | 2     | 68          | 136         |
| P14 Lances 1 - 4 |     |     |       |             |             |
| 50A              | 1   | 10  | 4     | 140         | 560         |
| 50A              | 2   | 10  | 6     | 95          | 570         |
| 60A              | 3   | 5   | 61    | 79          | 4819        |
| 50A              | 4   | 10  | 4     | 340         | 1360        |
| 50A              | 5   | 10  | 4     | 297         | 1188        |

| RESUMO DE AÇO |     |       |         |
|---------------|-----|-------|---------|
| AÇO           | BIT | COMPR | PESO    |
|               | mm  | m     | kgf     |
| 60A           | 5   | 392   | 60      |
| 50A           | 8   | 5     | 2       |
| 50A           | 10  | 287   | 177     |
| Peso Total    |     | 60A = | 60 kgf  |
| Peso Total    |     | 50A = | 179 kgf |

CONCRETO  
fck = 25 MPa  
ECS = Ver na Planta

CLIENTE  
**Prefeitura Municipal de São Miguel do Anta**

OBRA  
**Capela Mortuária**

TÍTULO  
**Fundação Pilar**  
P9 Lances 1 - 4 / P10 Lances 2 - 6 / P11 Lances 1 - 6 / P12 Lances 1 - 5 / P13 Lances 1 - 5 / P14 Lances 1 - 4

OBRA N.º  
**0001**

DES. N.º  
**008**

REV. N.º  
**00**

DATA  
24/08/2026

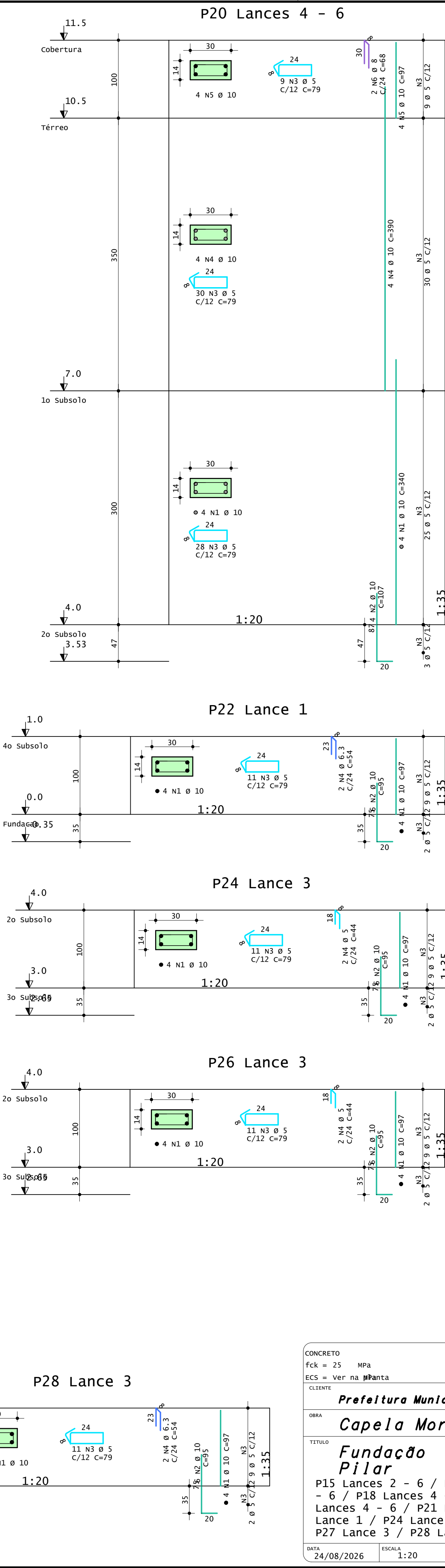
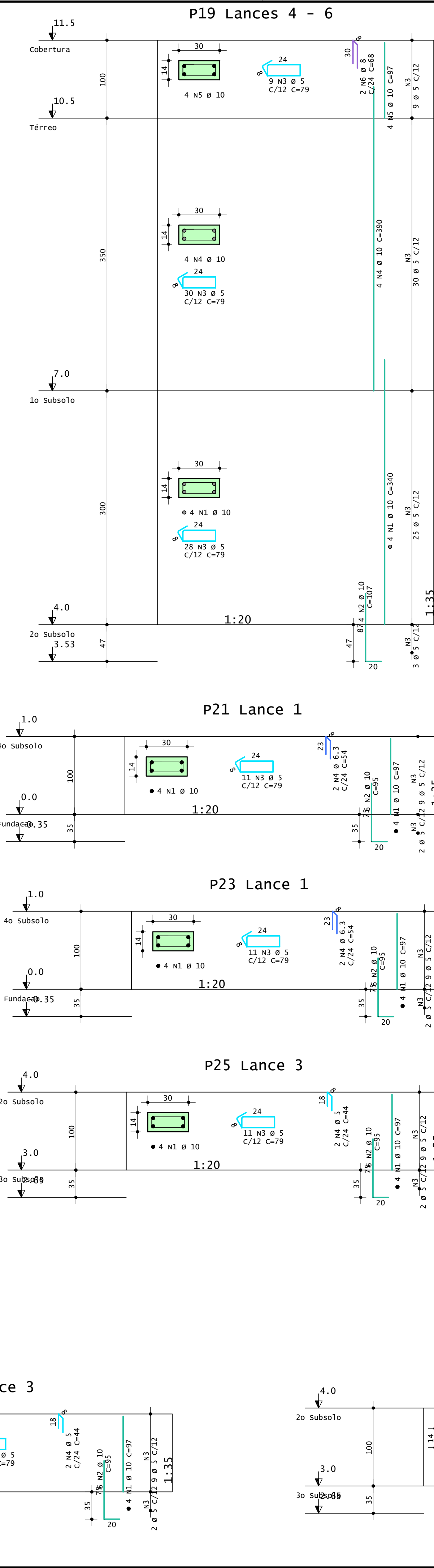
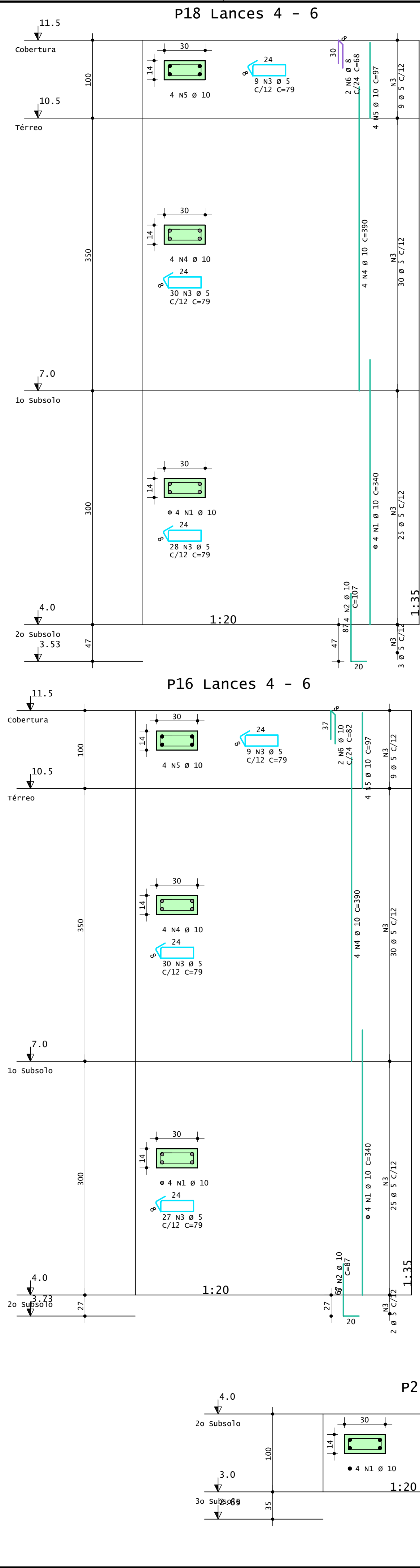
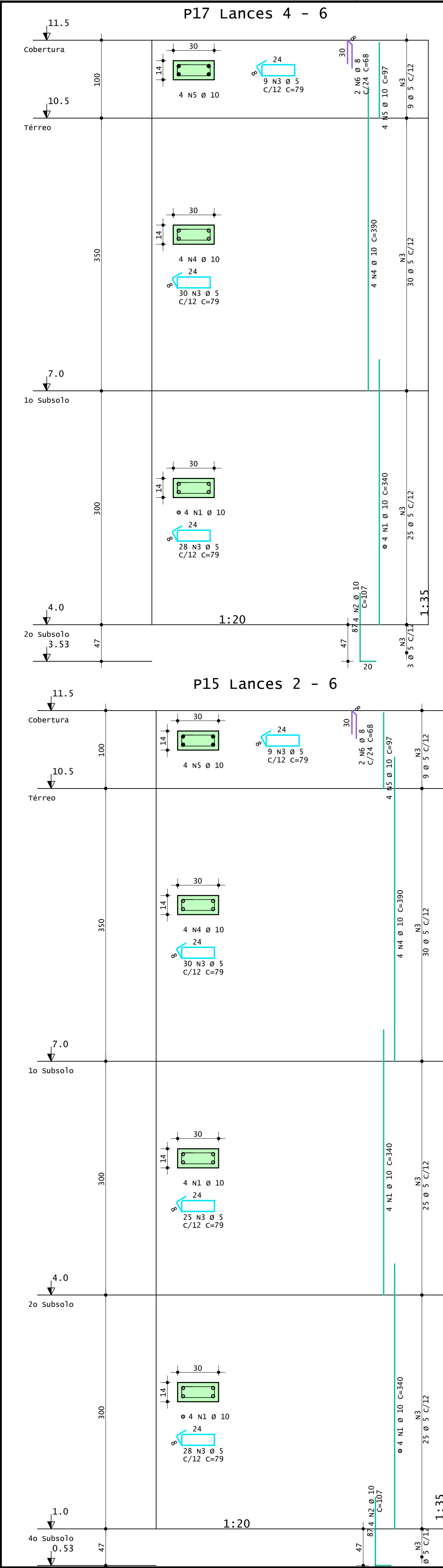
ESCALA  
1:20

DESENHO  
CAP-PIL-PIL-008-R00

COORD.

ENG. N.º

RAFAEL DE OLIVEIRA MAGALHÃES PL CAP-PIL-PIL-009-R00-PLT 24/08/2026 13:44:27



| AÇO                     | POS | BIT | QUANT | COMPRIMENTO |       |
|-------------------------|-----|-----|-------|-------------|-------|
|                         |     |     |       | UNIT        | TOTAL |
|                         |     | mm  |       | cm          | cm    |
| <b>P15 Lances 2 - 6</b> |     |     |       |             |       |
| 50A                     | 1   | 10  | 8     | 340         | 2720  |
| 50A                     | 2   | 10  | 4     | 107         | 428   |
| 60A                     | 3   | 5   | 92    | 79          | 7268  |
| 50A                     | 4   | 5   | 4     | 390         | 1560  |
| 50A                     | 5   | 10  | 4     | 97          | 388   |
| 50A                     | 6   | 8   | 2     | 68          | 136   |
| <b>P16 Lances 4 - 6</b> |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 340         | 1360  |
| 50A                     | 2   | 10  | 6     | 87          | 522   |
| 50A                     | 3   | 5   | 66    | 79          | 5214  |
| 50A                     | 4   | 10  | 4     | 390         | 1560  |
| 50A                     | 5   | 10  | 4     | 97          | 388   |
| 50A                     | 6   | 10  | 2     | 82          | 164   |
| <b>P17 Lances 4 - 6</b> |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 340         | 1360  |
| 50A                     | 2   | 10  | 4     | 107         | 428   |
| 60A                     | 3   | 5   | 67    | 79          | 5293  |
| 50A                     | 4   | 10  | 4     | 390         | 1560  |
| 50A                     | 5   | 10  | 4     | 97          | 388   |
| 50A                     | 6   | 8   | 2     | 68          | 136   |
| <b>P18 Lances 4 - 6</b> |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 340         | 1360  |
| 50A                     | 2   | 10  | 4     | 107         | 428   |
| 60A                     | 3   | 5   | 67    | 79          | 5293  |
| 50A                     | 4   | 10  | 4     | 390         | 1560  |
| 50A                     | 5   | 10  | 4     | 97          | 388   |
| 50A                     | 6   | 8   | 2     | 68          | 136   |
| <b>P19 Lances 4 - 6</b> |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 340         | 1360  |
| 50A                     | 2   | 10  | 4     | 107         | 428   |
| 60A                     | 3   | 5   | 67    | 79          | 5293  |
| 50A                     | 4   | 10  | 4     | 390         | 1560  |
| 50A                     | 5   | 10  | 4     | 97          | 388   |
| 50A                     | 6   | 8   | 2     | 68          | 136   |
| <b>P20 Lances 4 - 6</b> |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 340         | 1360  |
| 50A                     | 2   | 10  | 4     | 107         | 428   |
| 60A                     | 3   | 5   | 67    | 79          | 5293  |
| 50A                     | 4   | 10  | 4     | 390         | 1560  |
| 50A                     | 5   | 10  | 4     | 97          | 388   |
| 50A                     | 6   | 8   | 2     | 68          | 136   |
| <b>P21 Lance 1</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 6.3 | 2     | 54          | 108   |
| <b>P22 Lance 1</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 6.3 | 2     | 54          | 108   |
| <b>P23 Lance 1</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 6.3 | 2     | 54          | 108   |
| <b>P24 Lance 3</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 5   | 2     | 44          | 88    |
| <b>P25 Lance 3</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 5   | 2     | 44          | 88    |
| <b>P26 Lance 3</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 5   | 2     | 44          | 88    |
| <b>P27 Lance 3</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 6.3 | 2     | 54          | 108   |
| <b>P28 Lance 3</b>      |     |     |       |             |       |
| 50A                     | 1   | 10  | 4     | 97          | 388   |
| 50A                     | 2   | 10  | 6     | 95          | 570   |
| 60A                     | 3   | 5   | 11    | 79          | 869   |
| 50A                     | 4   | 6.3 | 2     | 54          | 108   |

| RESUMO DE AÇO    |     |       |         |
|------------------|-----|-------|---------|
| AÇO              | BIT | COMPR | PESO    |
|                  | mm  | m     | kgf     |
| 60A              | 5   | 410   | 63      |
| 50A              | 6.3 | 7     | 1       |
| 50A              | 8   | 7     | 3       |
| 50A              | 10  | 317   | 196     |
| Peso Total 60A = |     |       | 63 kgf  |
| Peso Total 50A = |     |       | 199 kgf |

CONCRETO  
fck = 25 MPa  
ECS = Ver na Planta

CLIENTE  
**Prefeitura Municipal de São Miguel do Anta**

OBRA  
**Capela Mortuária**

TÍTULO  
**Fundação Pilar**

P15 Lances 2 - 6 / P16 Lances 4 - 6 / P17 Lances 4 - 6 / P18 Lances 4 - 6 / P19 Lances 4 - 6 / P20 Lances 4 - 6 / P21 Lance 1 / P22 Lance 1 / P23 Lance 1 / P24 Lance 3 / P25 Lance 3 / P26 Lance 3 / P27 Lance 3 / P28 Lance 3

DATA  
24/08/2026

ESCALA  
1:20

DESENHO  
CAP-PIL-PIL-009-R00

COORD.

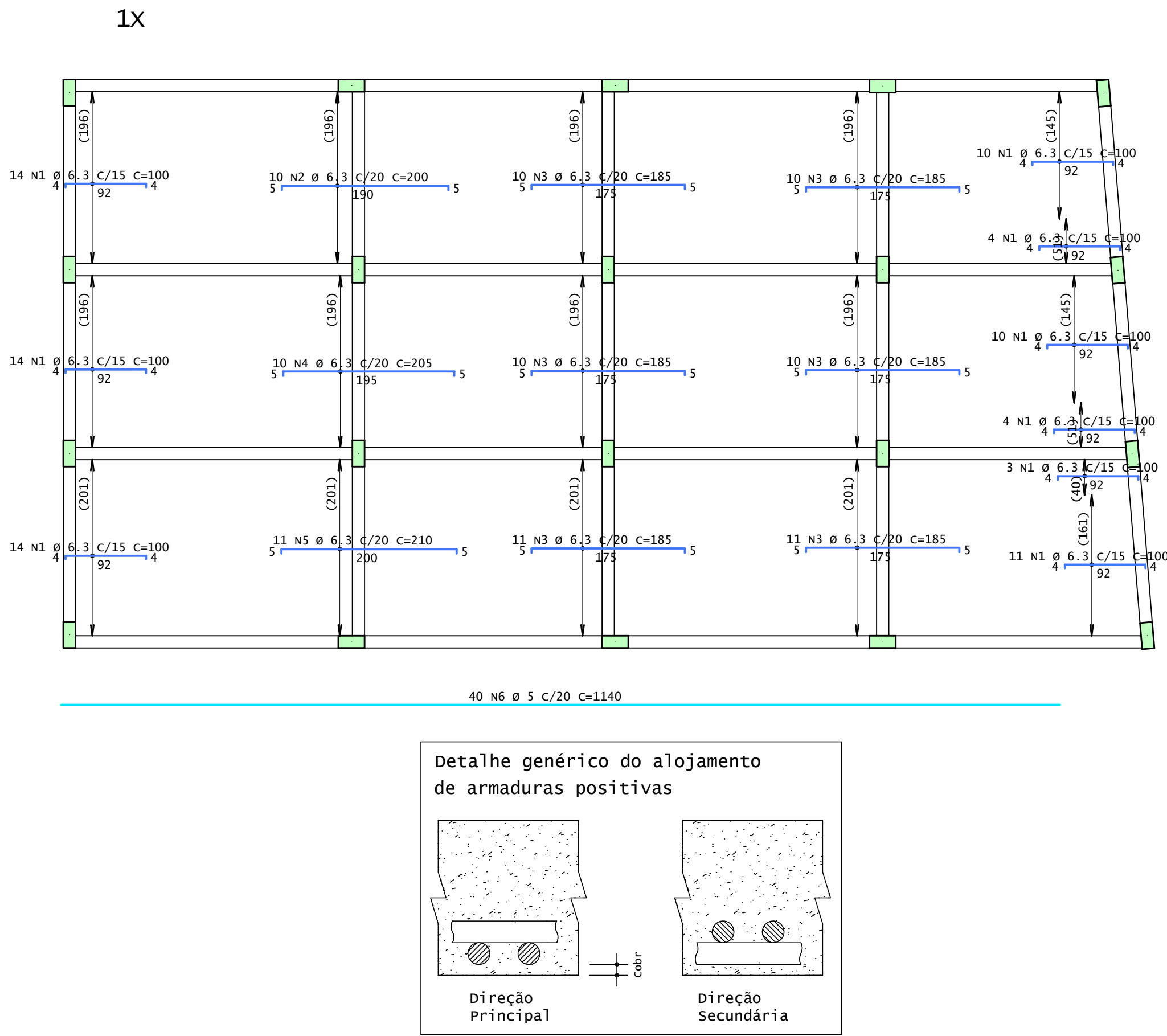
OBRA N.º  
**0001**

DES. N.º  
**009**

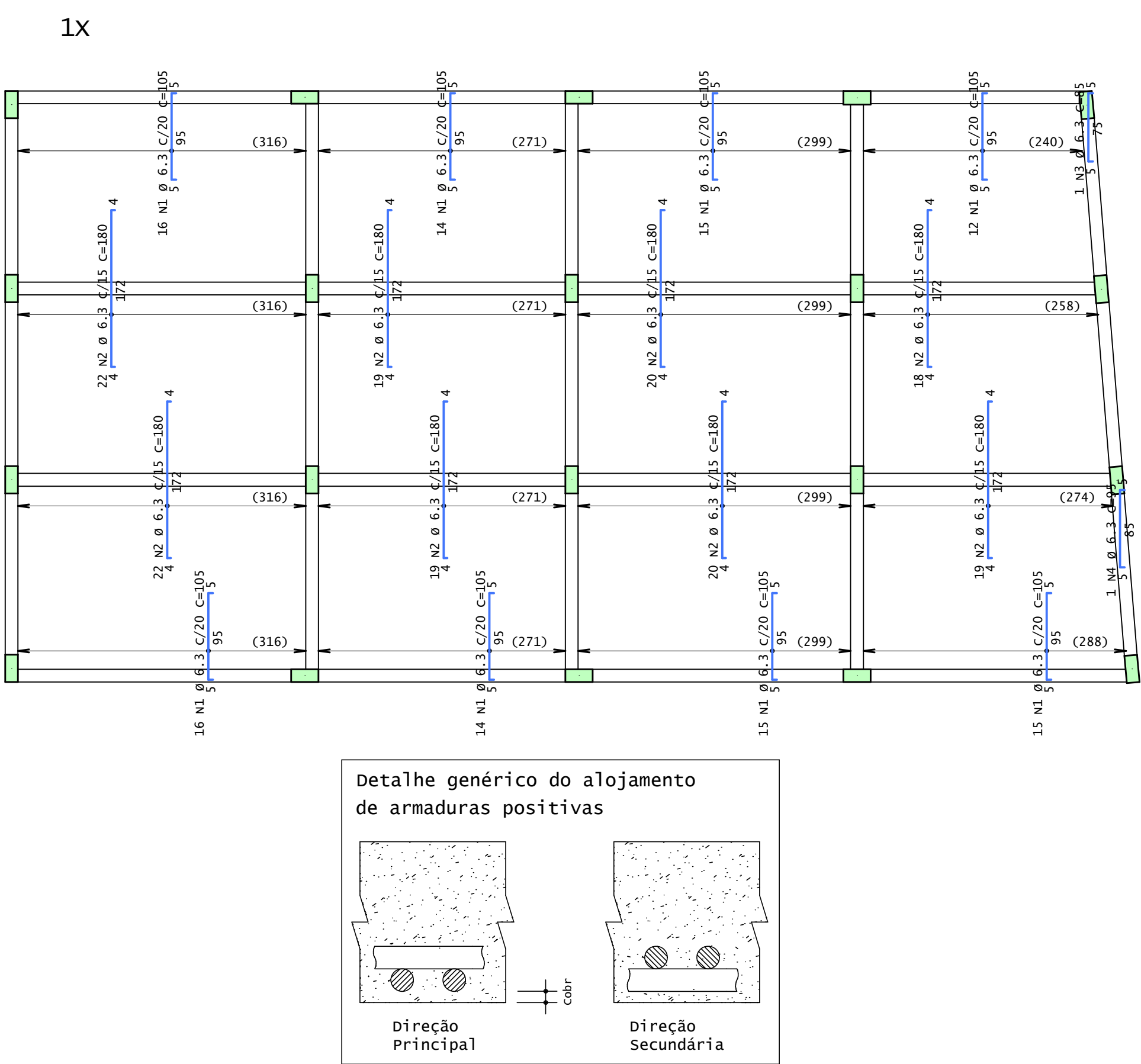
REV. N.º  
**00**

ENG. N.º

Subsolo nível 0 - Armadura negativa principal



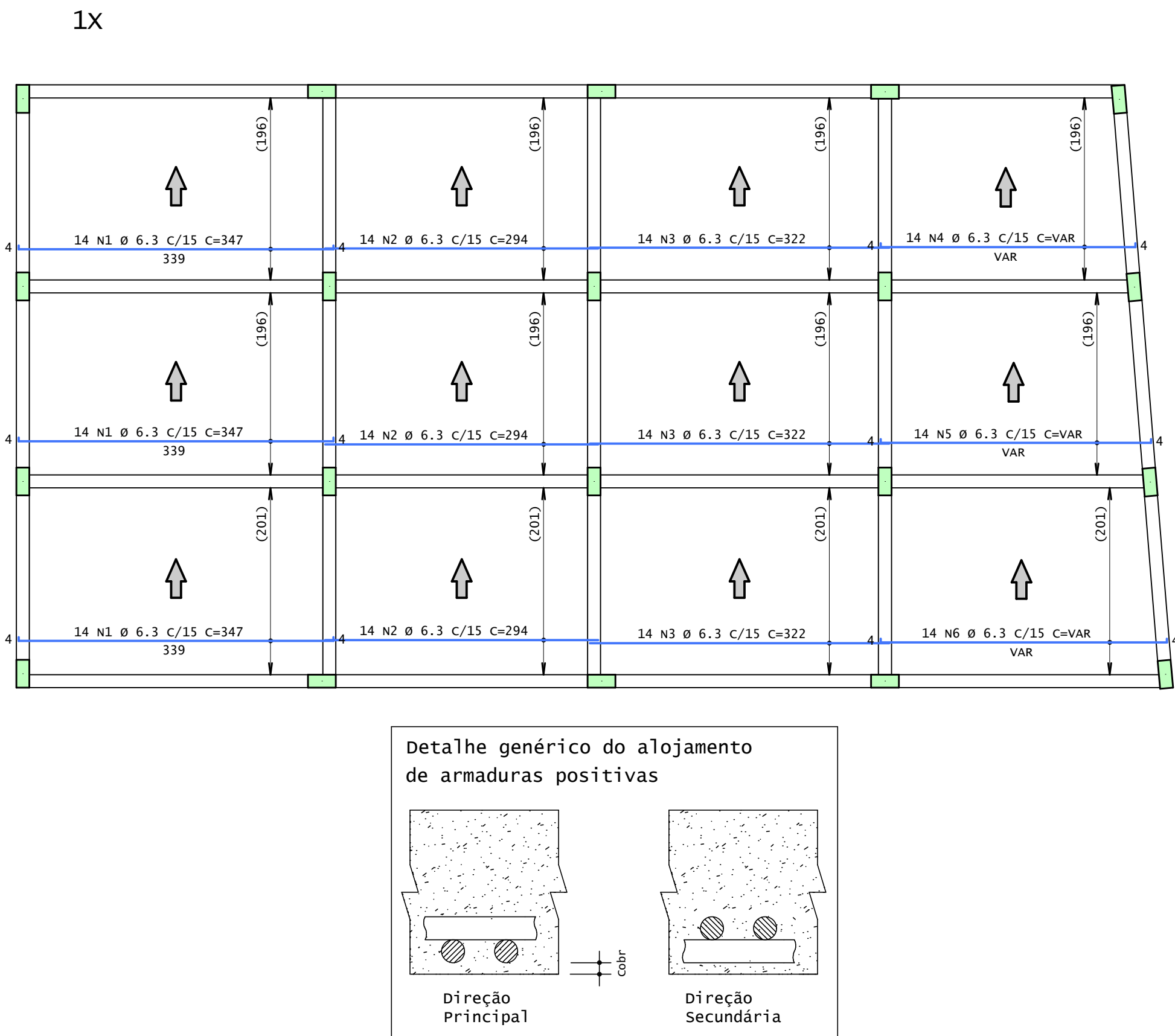
Subsolo nível 0 - Armadura negativa secundaria



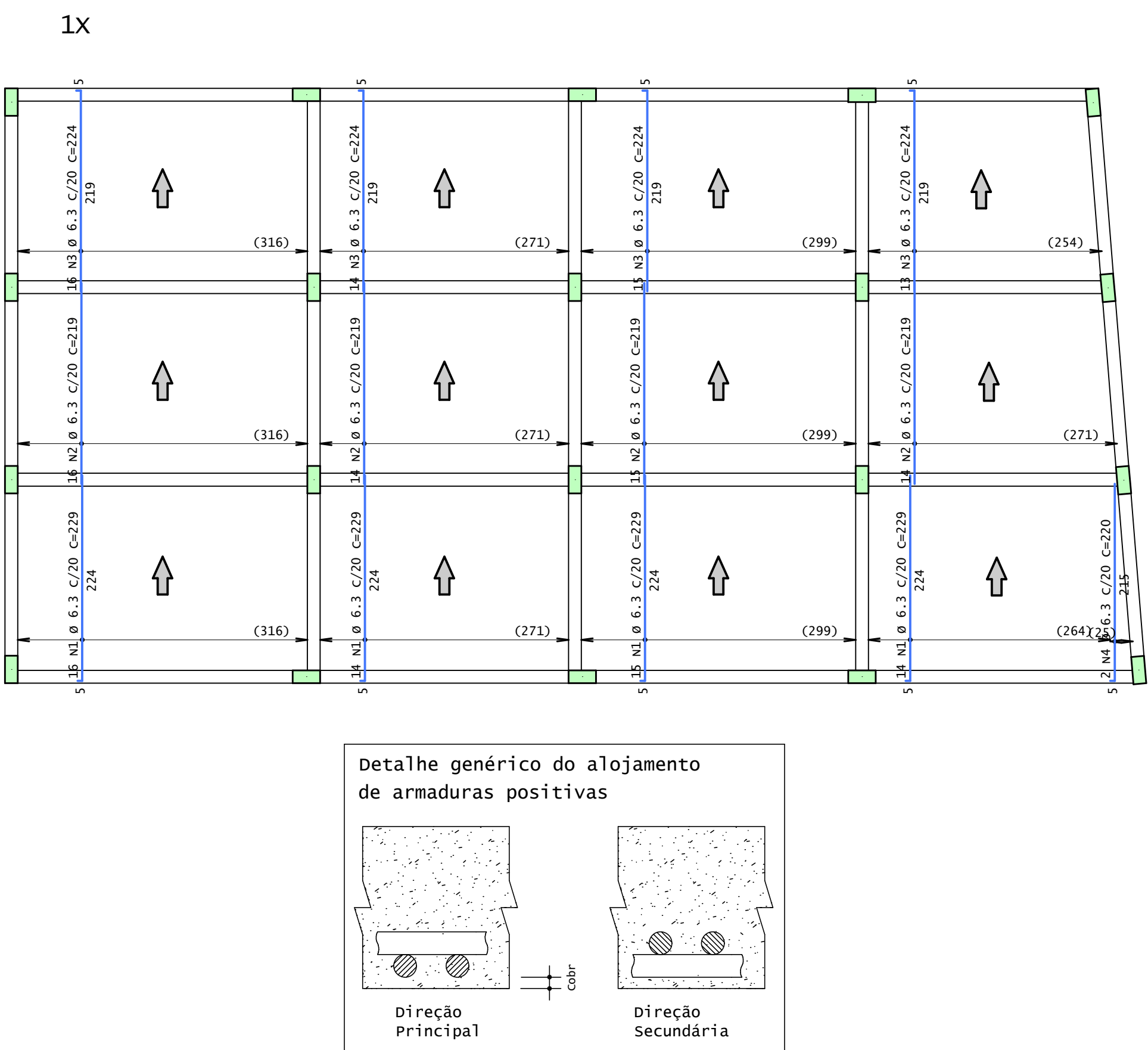
| AÇO                                            | POS | BIT | QUANT | COMPRIMENTO | TOTAL |
|------------------------------------------------|-----|-----|-------|-------------|-------|
|                                                |     | mm  |       | UNIT        | TOTAL |
|                                                |     |     |       | cm          | cm    |
| Subsolo nível 0 - Armadura negativa principal  |     |     |       |             |       |
| 50A                                            | 1   | 6.3 | 84    | 100         | 8400  |
| 50A                                            | 2   | 6.3 | 10    | 200         | 2000  |
| 50A                                            | 3   | 6.3 | 62    | 185         | 11470 |
| 50A                                            | 4   | 6.3 | 10    | 205         | 2050  |
| 50A                                            | 5   | 6.3 | 11    | 210         | 2310  |
| 50A                                            | 6   | 6.3 | 5     | 1140        | 45600 |
| Subsolo nível 0 - Armadura negativa secundaria |     |     |       |             |       |
| 50A                                            | 1   | 6.3 | 117   | 105         | 12285 |
| 50A                                            | 2   | 6.3 | 159   | 180         | 28620 |
| 50A                                            | 3   | 6.3 | 1     | 85          | 85    |
| 50A                                            | 4   | 6.3 | 1     | 95          | 95    |
| Subsolo nível 0 - Armadura positiva principal  |     |     |       |             |       |
| 50A                                            | 1   | 6.3 | 59    | 229         | 13511 |
| 50A                                            | 2   | 6.3 | 59    | 219         | 12921 |
| 50A                                            | 3   | 6.3 | 58    | 224         | 12992 |
| 50A                                            | 4   | 6.3 | 2     | 220         | 440   |
| Subsolo nível 0 - Armadura positiva secundaria |     |     |       |             |       |
| 50A                                            | 1   | 6.3 | 42    | 347         | 14574 |
| 50A                                            | 2   | 6.3 | 42    | 294         | 12348 |
| 50A                                            | 3   | 6.3 | 42    | 322         | 13524 |
| 50A                                            | 4   | 6.3 | 14    | --VAR--     | 3878  |
| 50A                                            | 5   | 6.3 | 14    | --VAR--     | 4116  |
| 50A                                            | 6   | 6.3 | 14    | --VAR--     | 4354  |

| RESUMO DE AÇO    |     |         |      |
|------------------|-----|---------|------|
| AÇO              | BIT | COMPR   | PESO |
|                  | mm  | m       | kgf  |
| 60A              | 5   | 456     | 70   |
| 50A              | 6.3 | 1600    | 392  |
| Peso Total 60A = |     | 70 kgf  |      |
| Peso Total 50A = |     | 392 kgf |      |

Subsolo nível 0 - Armadura positiva secundaria

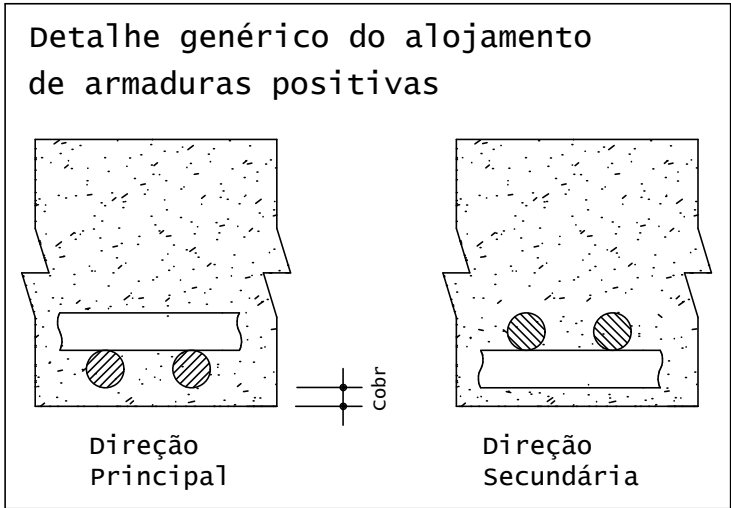
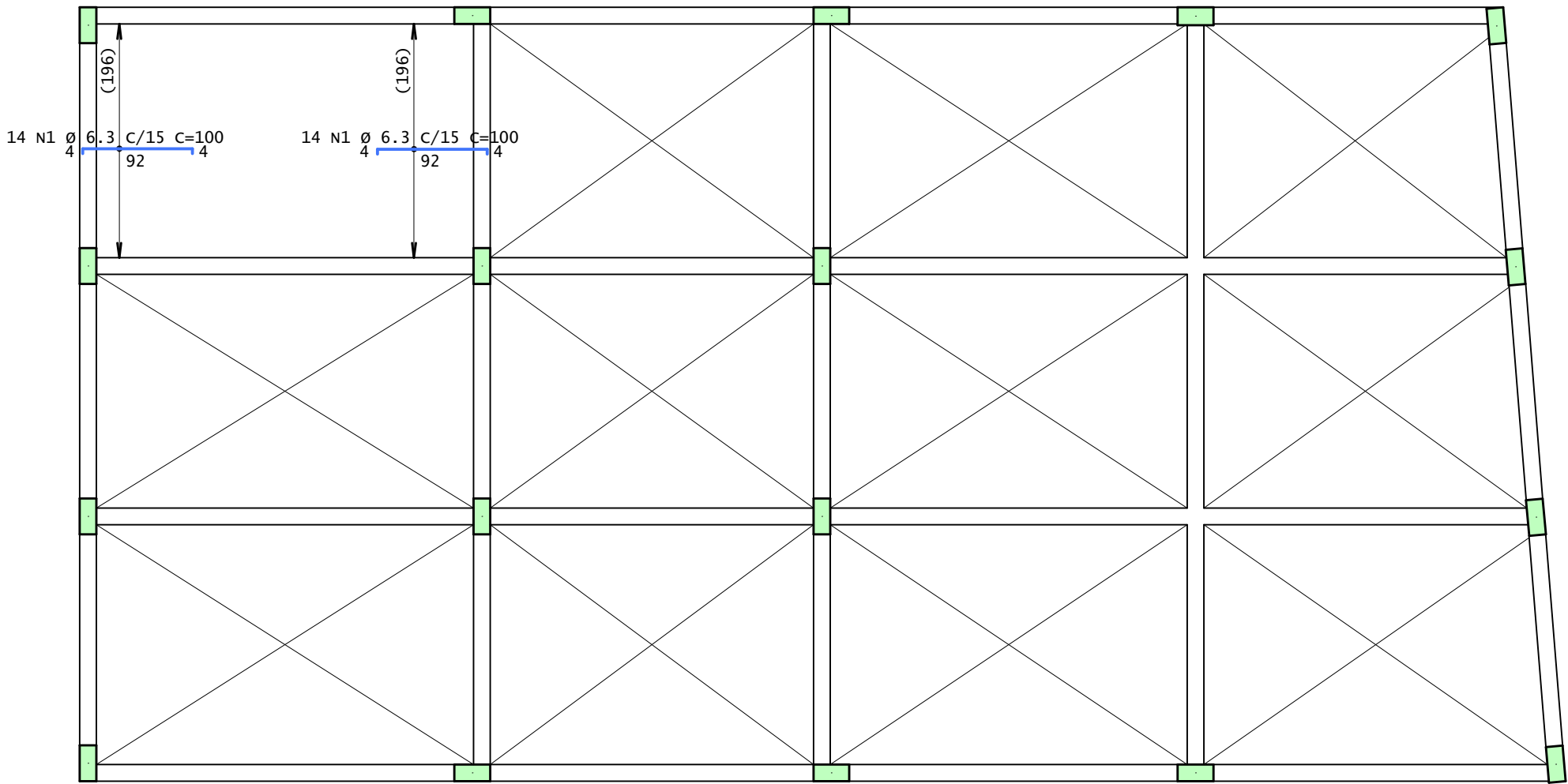


Subsolo nível 0 - Armadura positiva principal



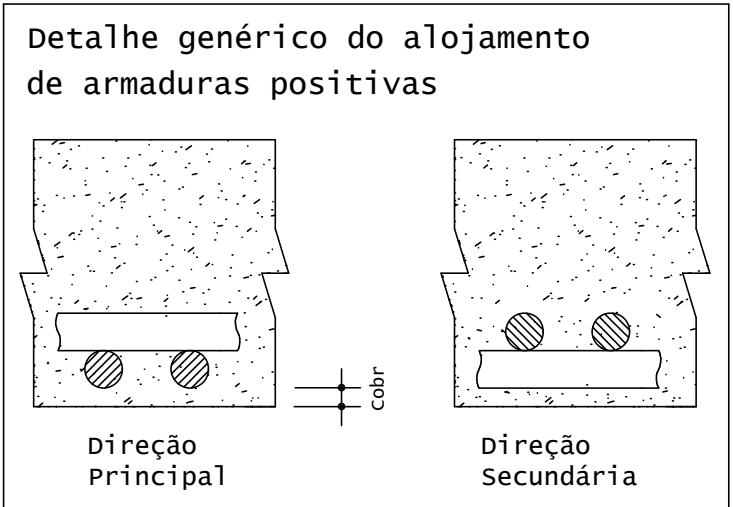
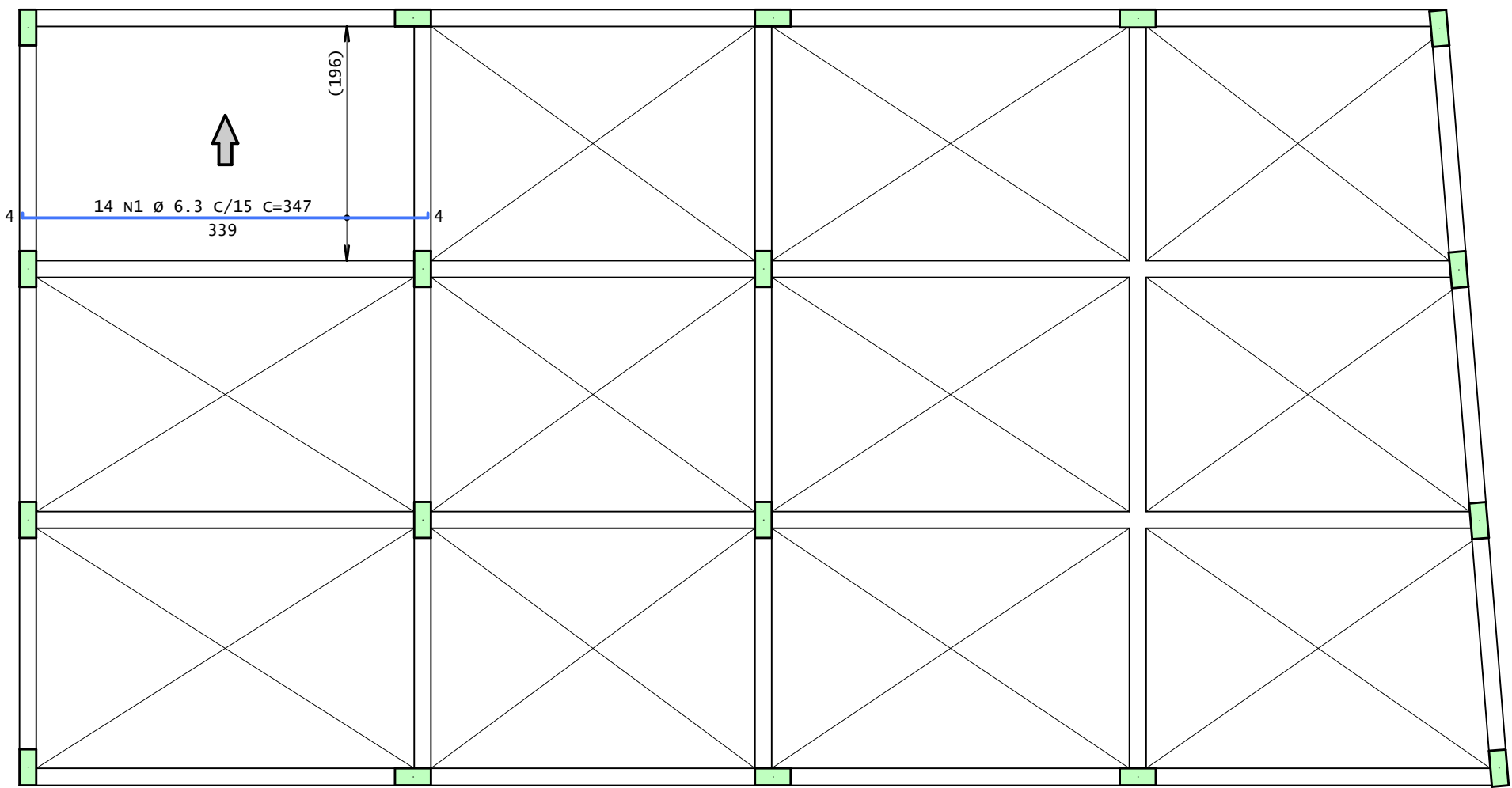
Térreo - Armadura negativa principal

1x



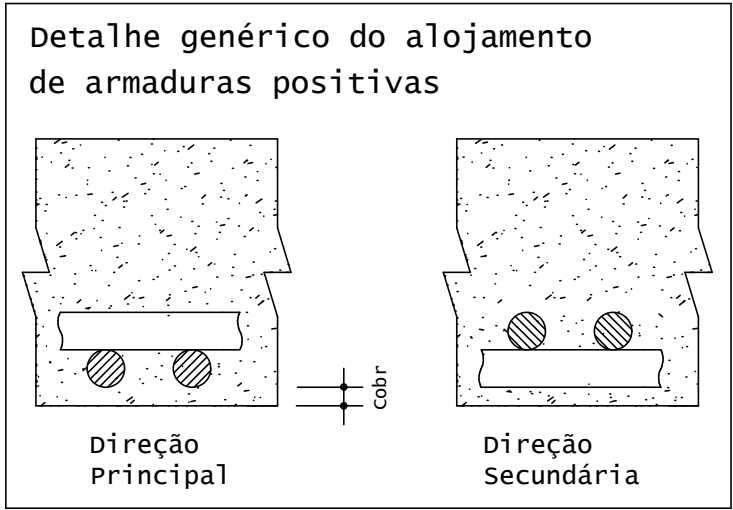
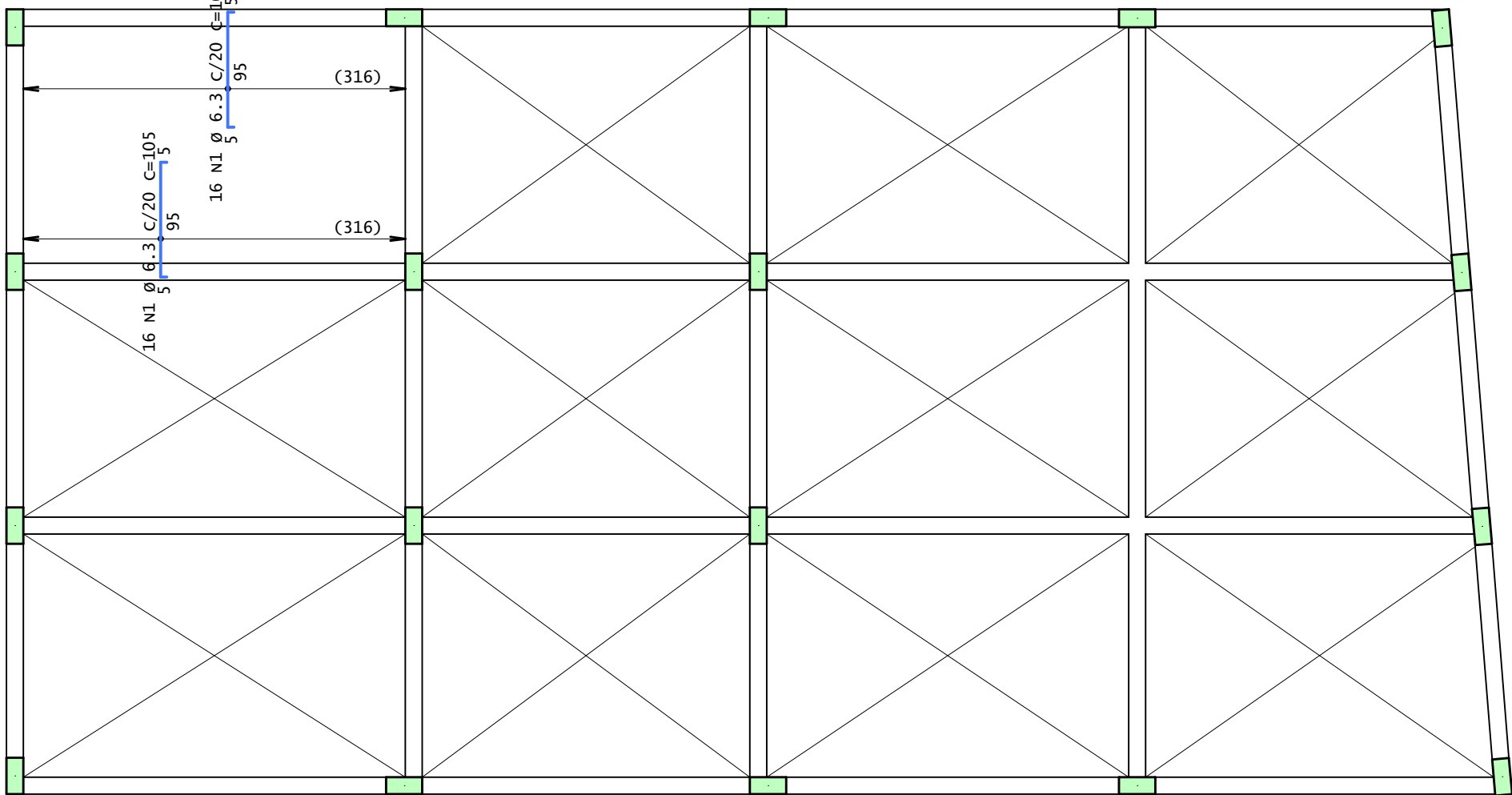
Térreo - Armadura positiva secundaria

1x



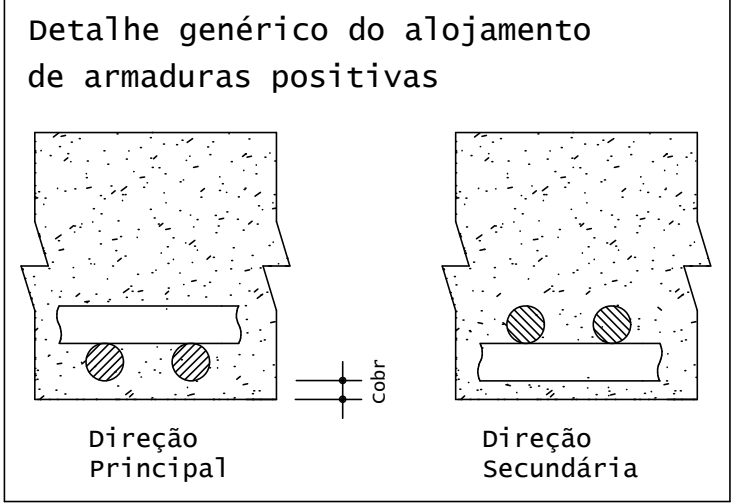
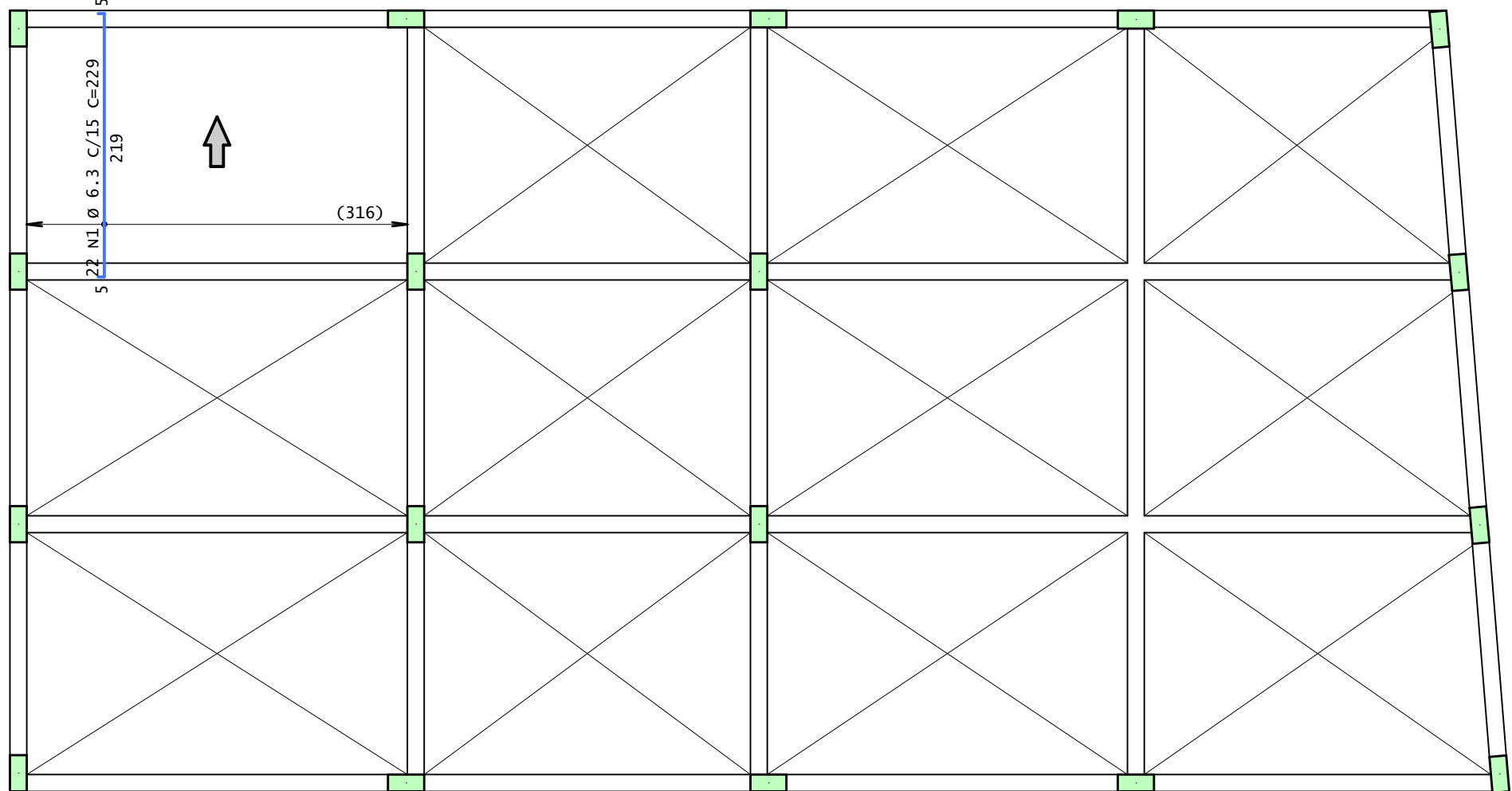
Térreo - Armadura negativa secundaria

1x



Térreo - Armadura positiva principal

1x



| AÇO                                   | POS | BIT | QUANT | COMPRIMENTO |       |
|---------------------------------------|-----|-----|-------|-------------|-------|
|                                       |     |     |       | UNIT        | TOTAL |
|                                       |     |     |       | CM          | CM    |
| Térreo - Armadura negativa principal  |     |     |       |             |       |
| 50A                                   | 1   | 6.3 | 28    | 100         | 2800  |
| 60A                                   | 2   | 5   | 4     | 1140        | 4560  |
| Térreo - Armadura negativa secundaria |     |     |       |             |       |
| 50A                                   | 1   | 6.3 | 32    | 105         | 3360  |
| Térreo - Armadura positiva principal  |     |     |       |             |       |
| 50A                                   | 1   | 6.3 | 22    | 229         | 5038  |
| Térreo - Armadura positiva secundaria |     |     |       |             |       |
| 50A                                   | 1   | 6.3 | 14    | 347         | 4858  |

| RESUMO DE AÇO |       |       |        |
|---------------|-------|-------|--------|
| AÇO           | BIT   | COMPR | PESO   |
| 60A           | mm    | m     | kgf    |
| 50A           | 6.3   | 46    | 7      |
| Peso Total    | 60A = |       | 7 kgf  |
| Peso Total    | 50A = |       | 39 kgf |

|                                                                                                                                                             |  |  |  |                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|--|
| CONCRETO                                                                                                                                                    |  |  |  | OBRA N.º            |  |
| fck = 25 MPa                                                                                                                                                |  |  |  | 0001                |  |
| ECS = 24150 MPa                                                                                                                                             |  |  |  | DES. N.º            |  |
| CLIENTE                                                                                                                                                     |  |  |  | 011                 |  |
| OBRA                                                                                                                                                        |  |  |  | REV. N.º            |  |
| TÍTULO                                                                                                                                                      |  |  |  | 00                  |  |
| Térreo - Armadura negativa principal / Térreo - Armadura negativa secundaria / Térreo - Armadura positiva principal / Térreo - Armadura positiva secundaria |  |  |  | ENG. N.º            |  |
| DATA                                                                                                                                                        |  |  |  | 24/08/2026          |  |
| ESCALA                                                                                                                                                      |  |  |  | 1:50                |  |
| DESENHO                                                                                                                                                     |  |  |  | CAP-TER-LAJ-011-R00 |  |
| COORD.                                                                                                                                                      |  |  |  |                     |  |