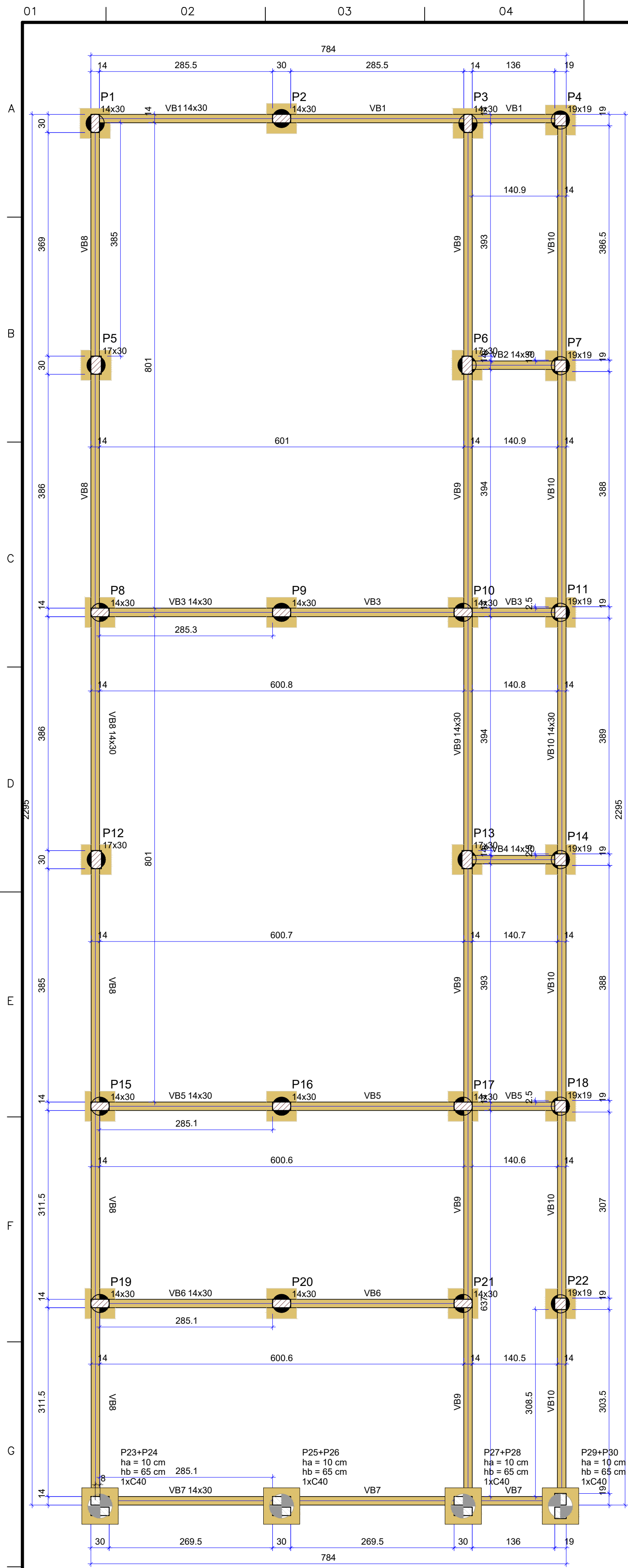


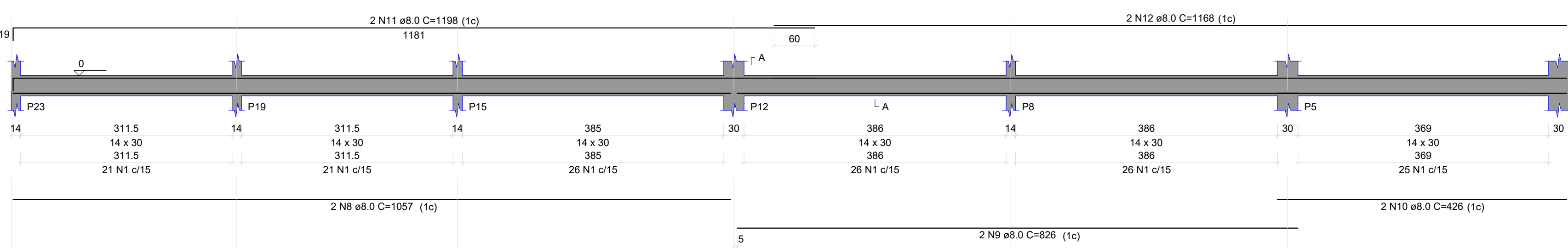


FORMA (NÍVEL 0)

Escala 1:50

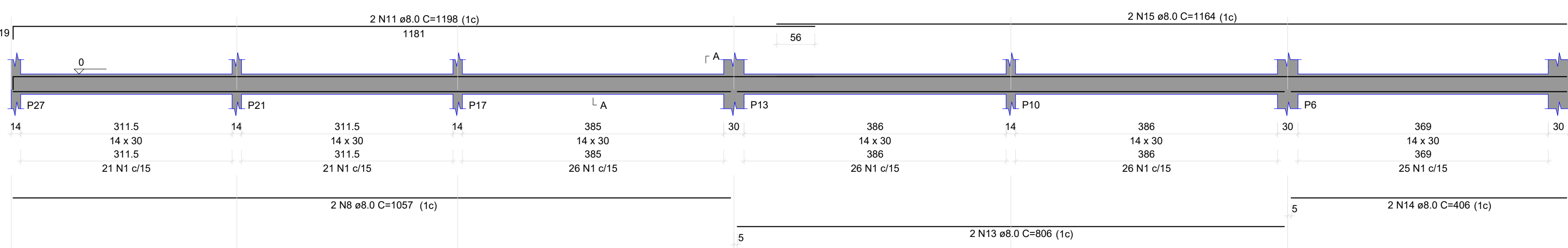
VB8

ESC 1:50



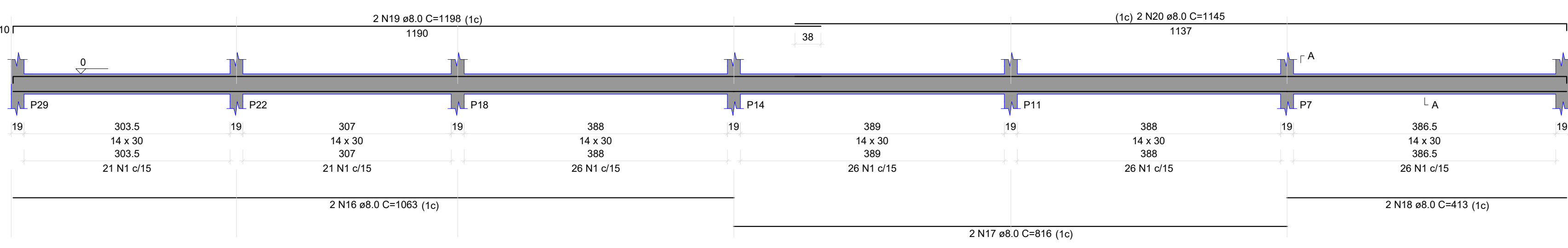
VB9

ESC 1:50



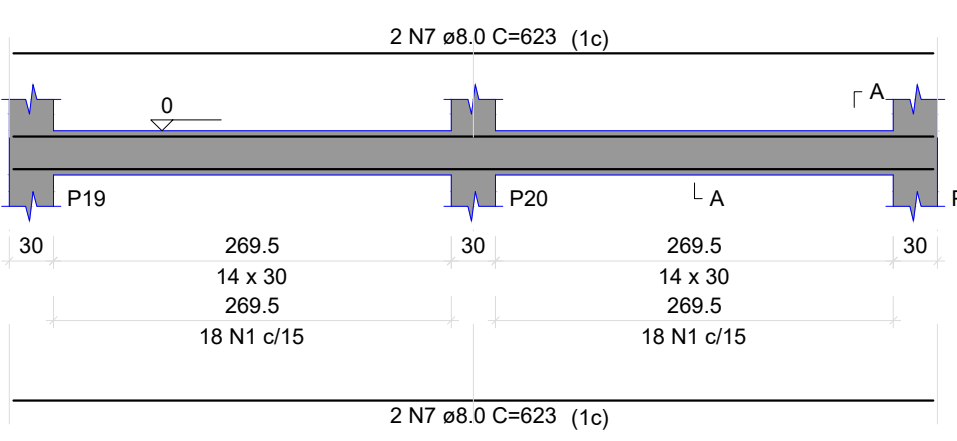
VB10

ESC 1:50



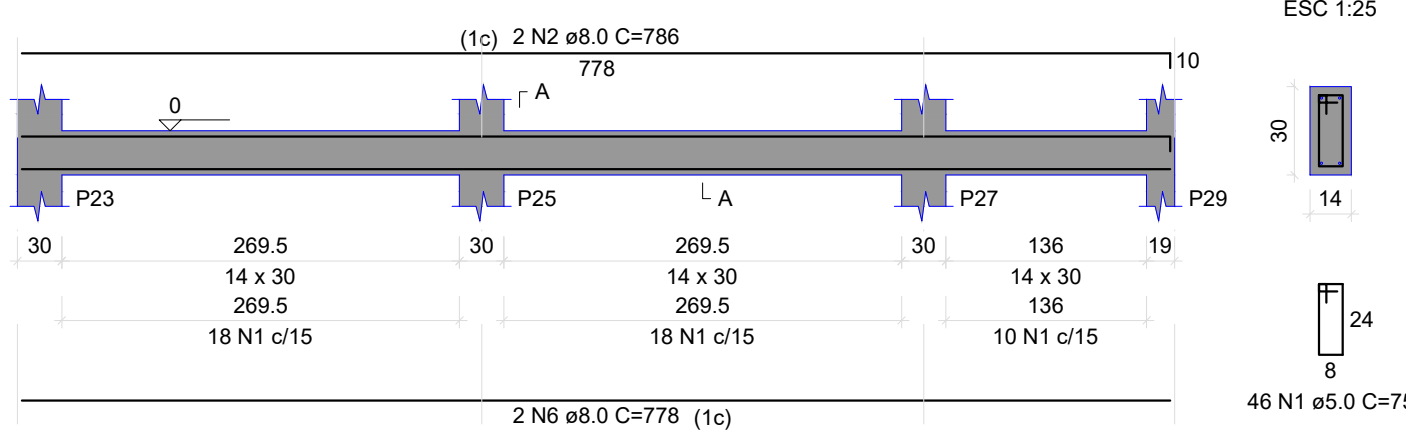
VB6

ESC 1:50



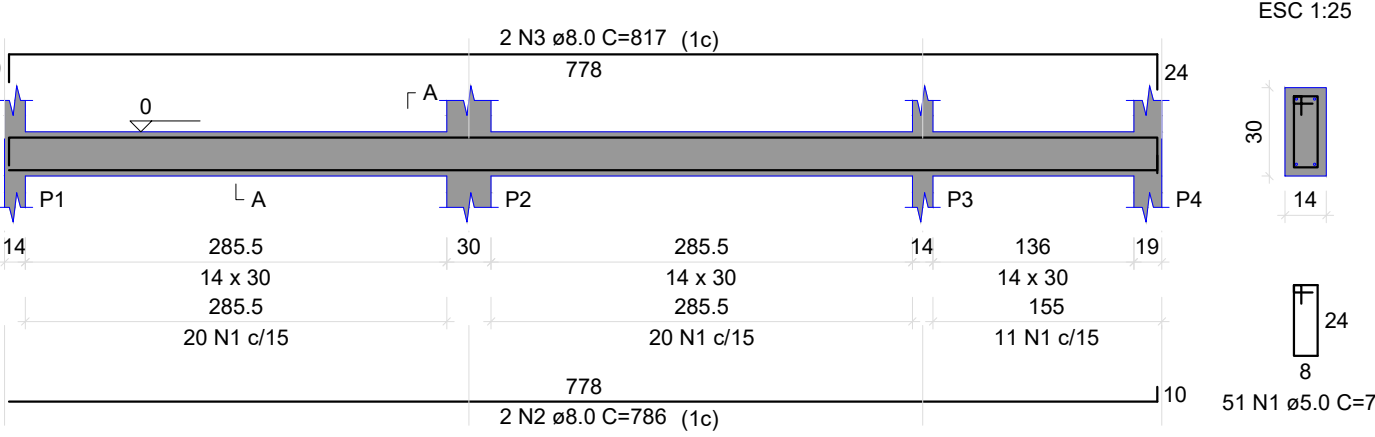
VB7

ESC 1:50



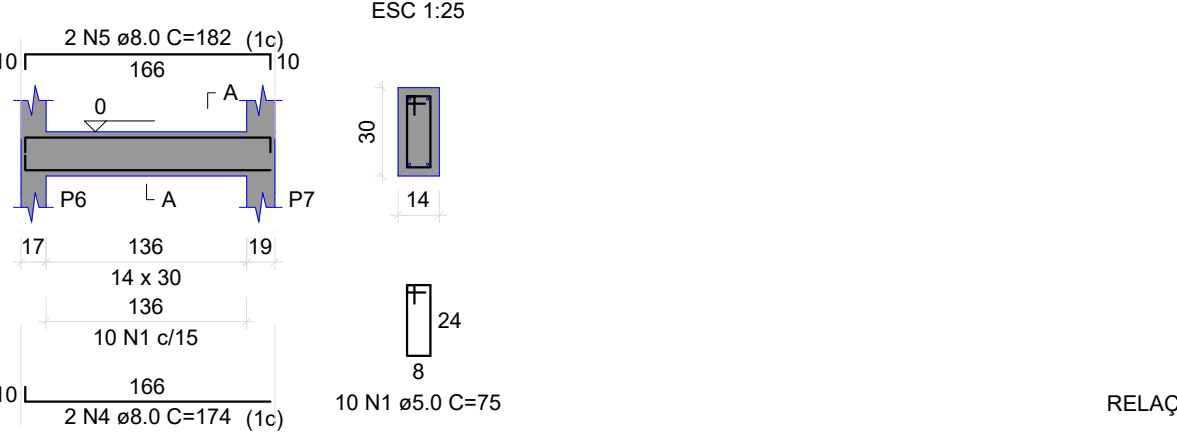
VB1

ESC 1:50



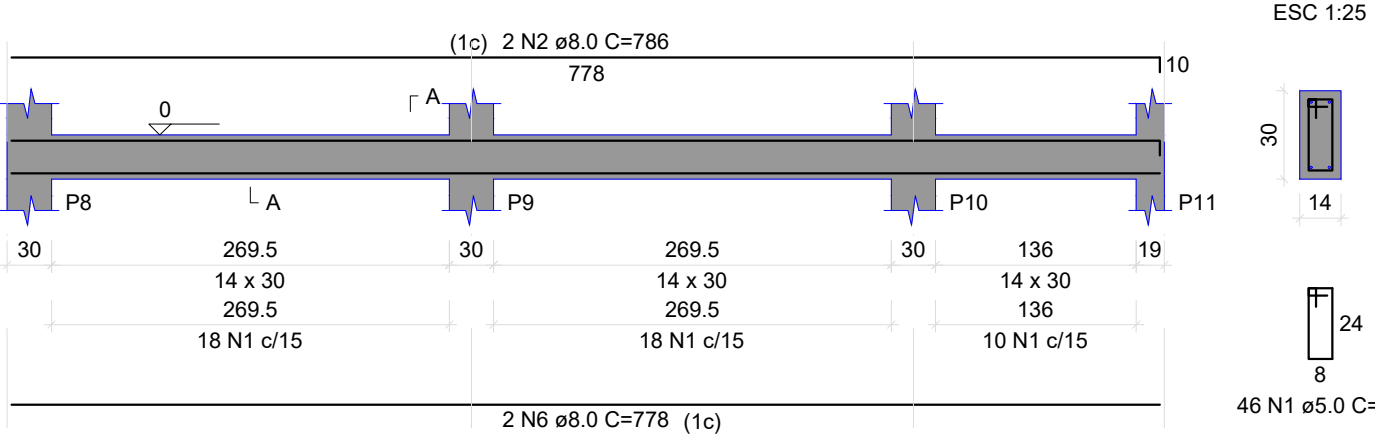
VB2

ESC 1:50



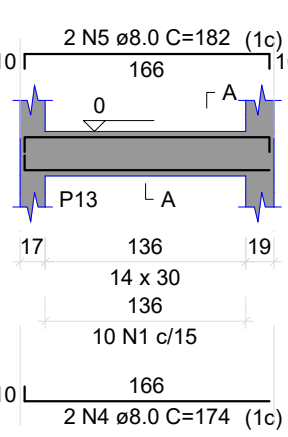
VB3

ESC 1:50



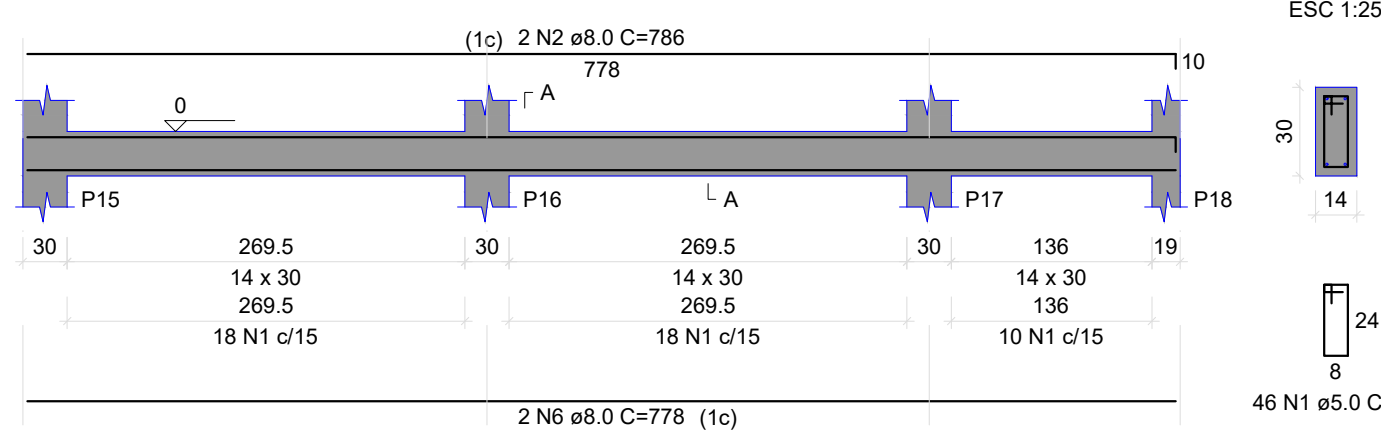
VB4

ESC 1:50



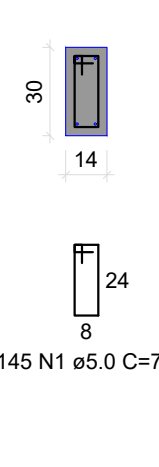
VB5

ESC 1:50



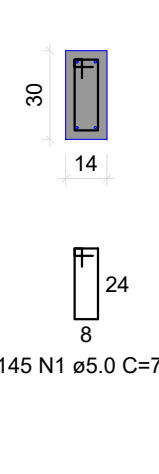
SEÇÃO A-A

ESC 1:25



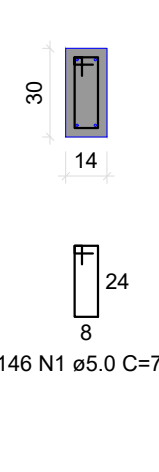
SEÇÃO A-A

ESC 1:25



SEÇÃO A-A

ESC 1:25



| Vigas |            |               |            |
|-------|------------|---------------|------------|
| Nome  | Seção (cm) | Elevação (cm) | Nível (cm) |
| VB1   | 14x30      | 0             | 0          |
| VB2   | 14x30      | 0             | 0          |
| VB3   | 14x30      | 0             | 0          |
| VB4   | 14x30      | 0             | 0          |
| VB5   | 14x30      | 0             | 0          |
| VB6   | 14x30      | 0             | 0          |
| VB7   | 14x30      | 0             | 0          |
| VB8   | 14x30      | 0             | 0          |
| VB9   | 14x30      | 0             | 0          |
| VB10  | 14x30      | 0             | 0          |

| Características dos materiais |               |
|-------------------------------|---------------|
| fck (kgf/cm²)                 | Ecs (kgf/cm²) |
| 25.0                          | 241500        |

Dimensão máxima do agregado = 19 mm

| Pilares |            |               |            |
|---------|------------|---------------|------------|
| Nome    | Seção (cm) | Elevação (cm) | Nível (cm) |
| P1      | 14x30      | 0             | 0          |
| P2      | 14x30      | 0             | 0          |
| P3      | 14x30      | 0             | 0          |
| P4      | 19x19      | 0             | 0          |
| P5      | 17x30      | 0             | 0          |
| P6      | 17x30      | 0             | 0          |
| P7      | 19x19      | 0             | 0          |
| P8      | 14x30      | 0             | 0          |
| P9      | 14x30      | 0             | 0          |
| P10     | 14x30      | 0             | 0          |
| P11     | 19x19      | 0             | 0          |
| P12     | 17x30      | 0             | 0          |
| P13     | 17x30      | 0             | 0          |
| P14     | 19x19      | 0             | 0          |
| P15     | 14x30      | 0             | 0          |
| P16     | 14x30      | 0             | 0          |
| P17     | 14x30      | 0             | 0          |
| P18     | 19x19      | 0             | 0          |
| P19     | 14x30      | 0             | 0          |
| P20     | 14x30      | 0             | 0          |
| P21     | 14x30      | 0             | 0          |
| P22     | 19x19      | 0             | 0          |
| P23     | 14x30      | 0             | 0          |
| P25     | 14x30      | 0             | 0          |
| P27     | 14x30      | 0             | 0          |
| P29     | 19x19      | 0             | 0          |

Legenda dos pilares

Legenda das vigas e paredes



PREFEITURA MUNICIPAL DE MAMBAÍ GO

END. Rua Andre Caldeira de Moura, SN. Qd 19 Lt 01 CEP: 73970-000 - MAMBAÍ GO

OBRA AMPLIAÇÃO DA ESCOLA MUNICIPAL MARIA DO SOCORRO ALVES BARBOSA

AUTOR: EMERSON DE JORGE PLA PUJADES CREA:8956/ D-DF

R.T.:

PROP. FUNDO MUNICIPAL DE EDUCAÇÃO DE MAMBAÍ - GO

AUTOR DO PROJETO: EMERSON DE JORGE PLA PUJADES CREA:8956/ D-DF

APROVAÇÕES =

DEPARTAMENTO DE ENGENHARIA

PROJETO ESTRUTURAL - JUNTA A

N. DE FOLHA/A1

P.E-03/17

DATA

FEV / 2025

ESC.

INDICADA

CONTEÚDO:

FORMA DE VIGAS BALDRAMES

ARMADA DE VIGAS BALDRAMES

DESENHO TÉCNICO:

EMERSON DE JORGE PLA PUJADES

| RELAÇÃO DO AÇO |    |           |               |           |              |
|----------------|----|-----------|---------------|-----------|--------------|
| AÇO            | N  | DIAM (mm) | QUANT (Barra) | UNIT (Kg) | C.TOTAL (cm) |
| VB1            | 1  | 5.0       | 661           | 75        | 51075        |
| VB4            | 2  | 8.0       | 8             | 796       | 6288         |
| VB7            | 3  | 8.0       | 2             | 817       | 1634         |
| VB10           | 4  | 8.0       | 4             | 174       | 696          |
|                | 5  | 8.0       | 4             | 182       | 728          |
|                | 6  | 8.0       | 6             | 778       | 4668         |
|                | 7  | 8.0       | 4             | 623       | 2492         |
|                | 8  | 8.0       | 4             | 1057      | 4228         |
|                | 9  | 8.0       | 2             | 826       | 1652         |
|                | 10 | 8.0       | 2             | 426       | 852          |
|                | 11 | 8.0       | 4             | 1198      | 4792         |
|                | 12 | 8.0       | 2             | 1168      | 2336         |
|                | 13 | 8.0       | 2             | 806       | 1612         |
|                | 14 | 8.0       | 2             | 406       | 812          |
|                | 15 | 8.0       | 2             | 1164      | 2328         |
|                | 16 | 8.0       | 2             | 1063      | 2126         |
|                | 17 | 8.0       | 2             | 816       | 1632         |
|                | 18 | 8.0       | 2             | 413       | 826          |
|                | 19 | 8.0       | 2             | 1198      | 2396         |
|                | 20 | 8.0       | 2             | 1145      | 2290         |

| RESUMO DO AÇO   |           |             |               |
|-----------------|-----------|-------------|---------------|
| AÇO             | DIAM (mm) | C.TOTAL (m) | PESO+10% (Kg) |
| CA50            | 8.0       | 443.9       | 193           |
| CA60            | 5.0       | 514.1       | 87.1          |
| PESO TOTAL (kg) |           |             |               |
| CA50            |           | 193         |               |
| CA60            |           | 87.1        |               |

Volume de concreto (C-25) = 4.2 m³  
Área de forma = 60.02 m²