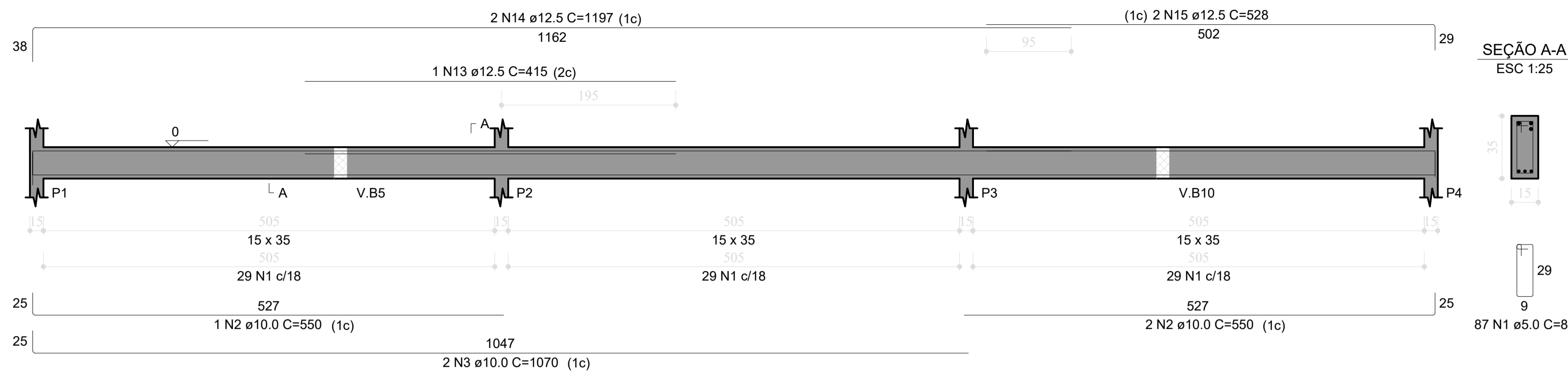
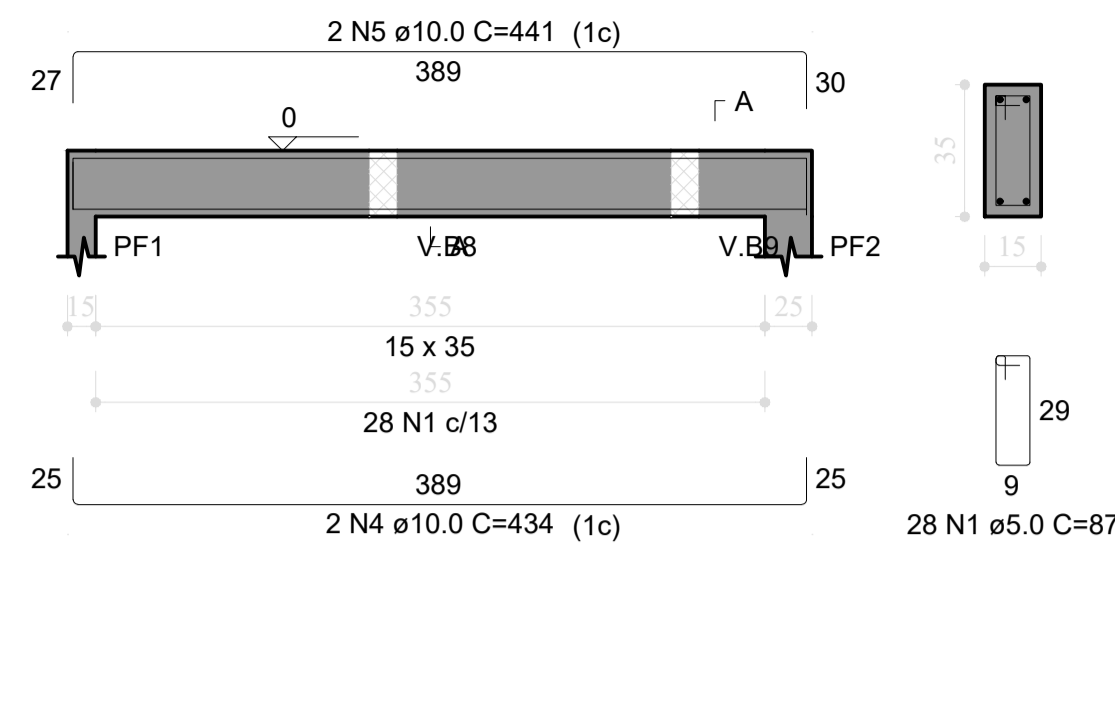


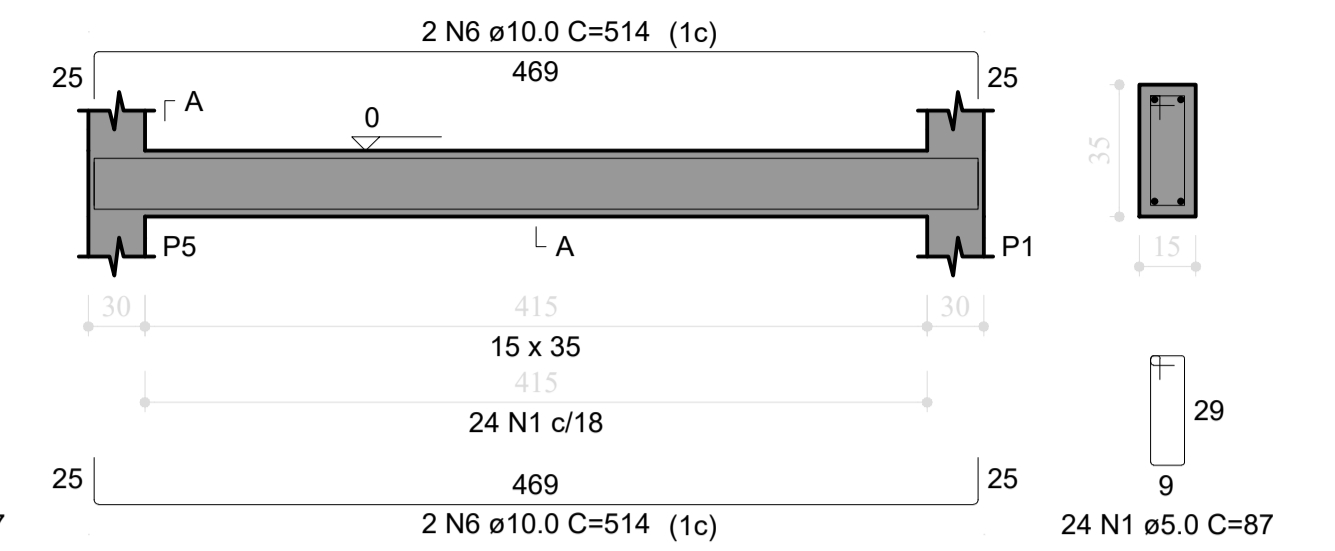
V.B1
ESC 1:50



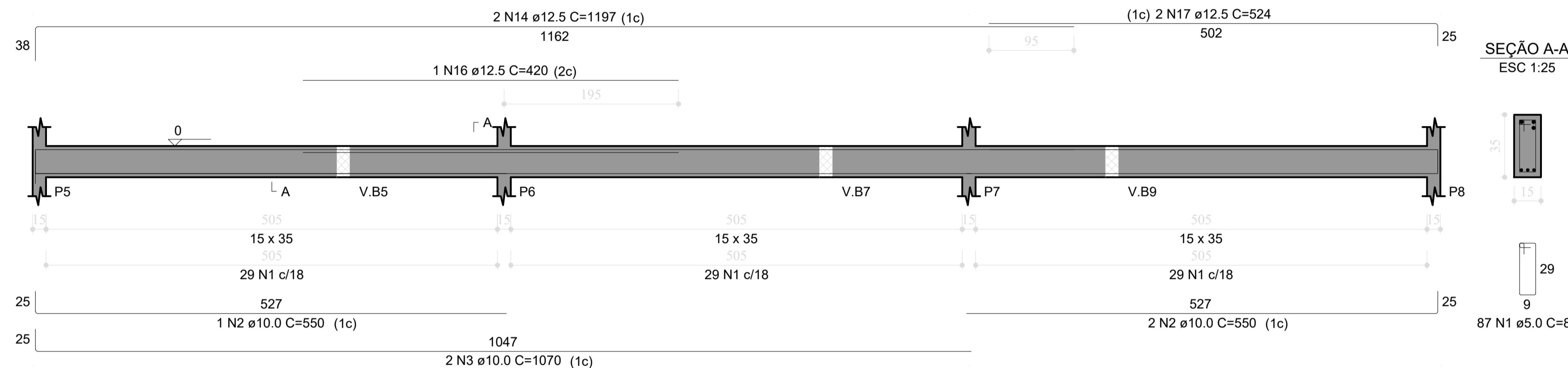
V.B2
ESC 1:50



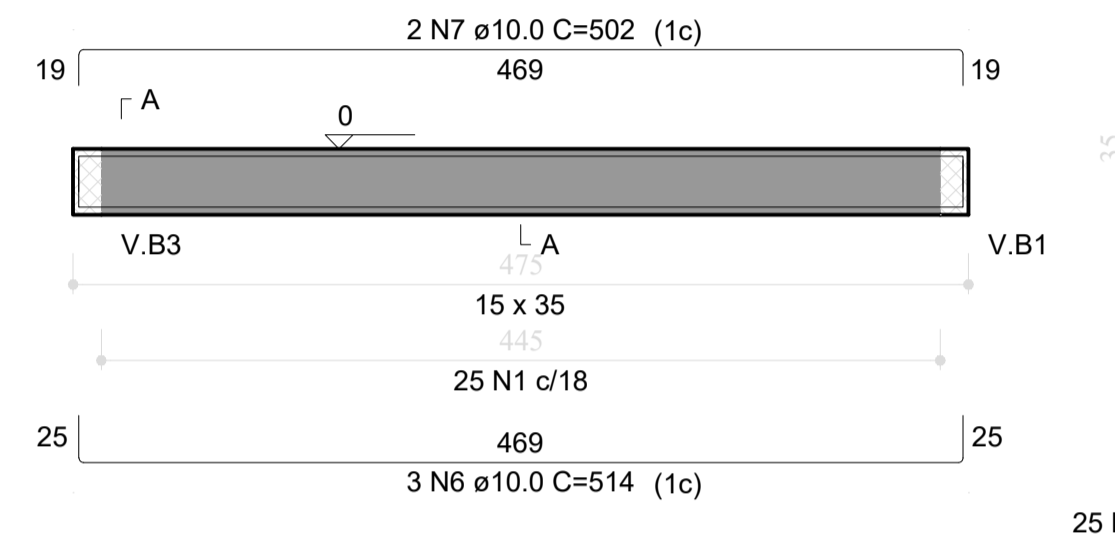
V.B4
ESC 1:50



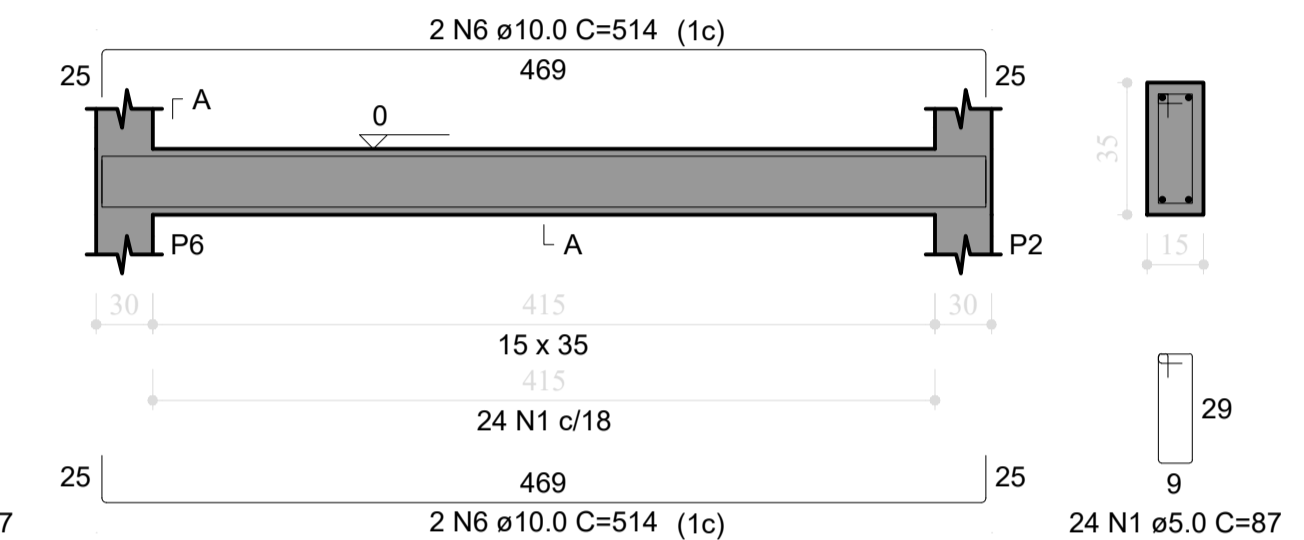
V.B3
ESC 1:50



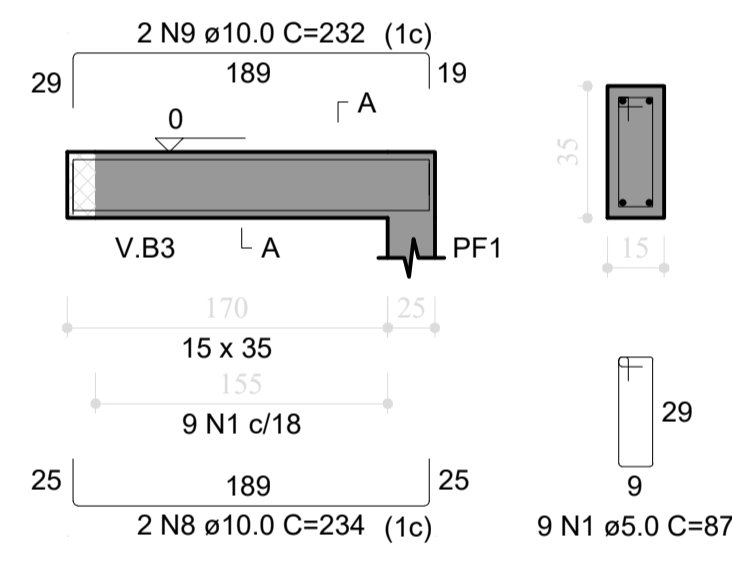
V.B5
ESC 1:50



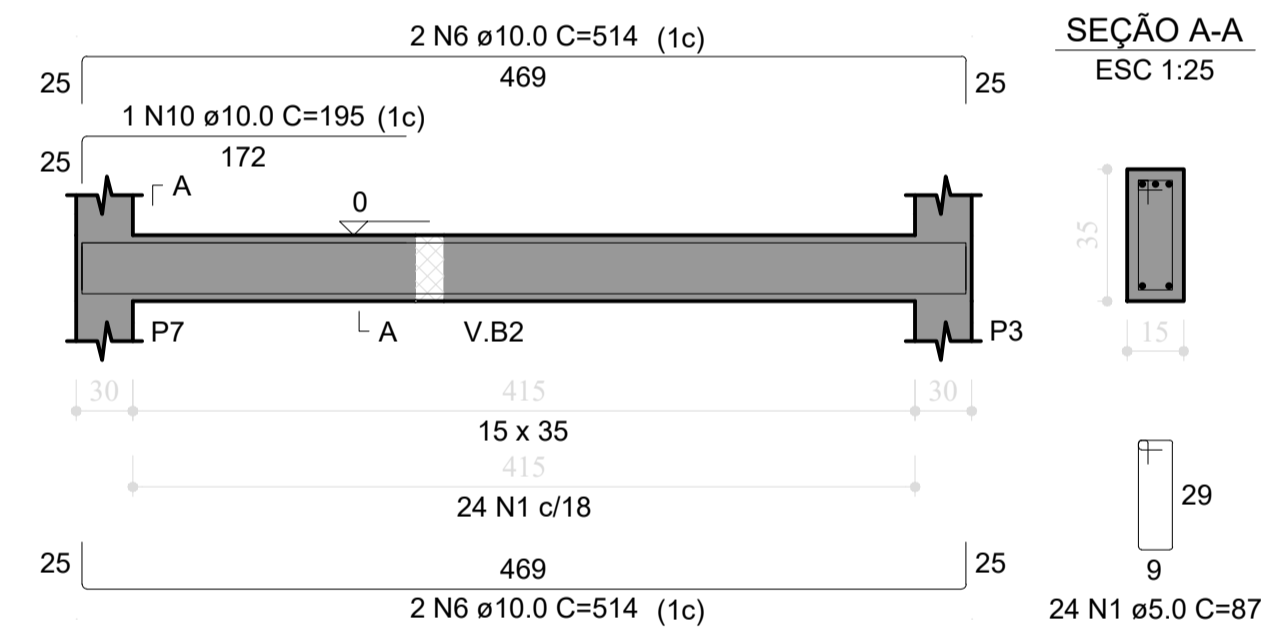
V.B6
ESC 1:50



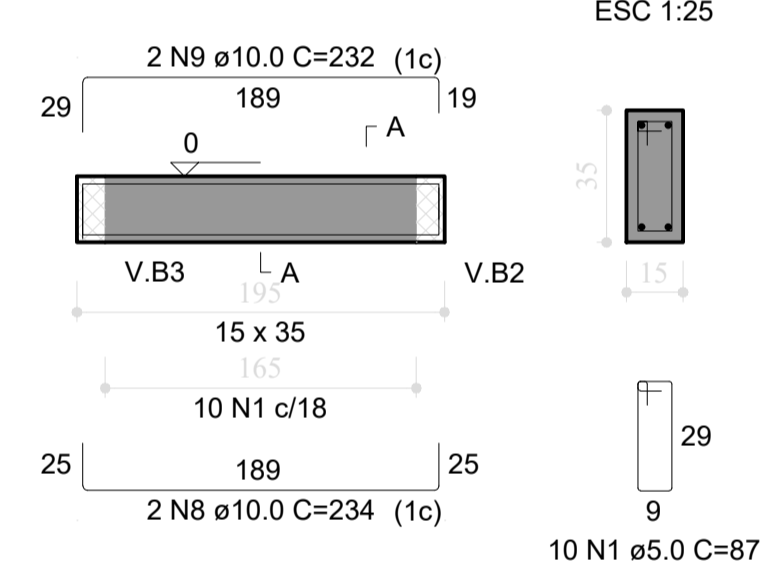
V.B7
ESC 1:50



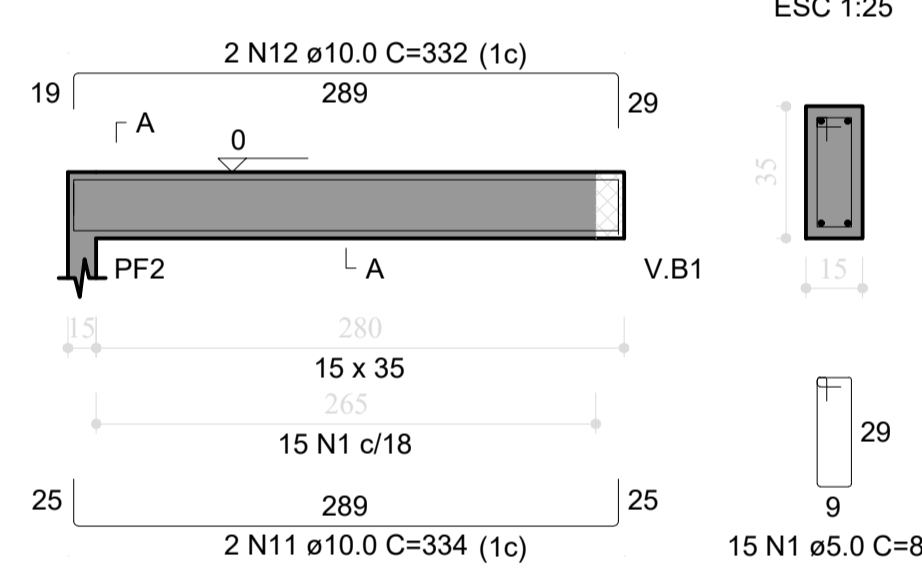
V.B8
ESC 1:50



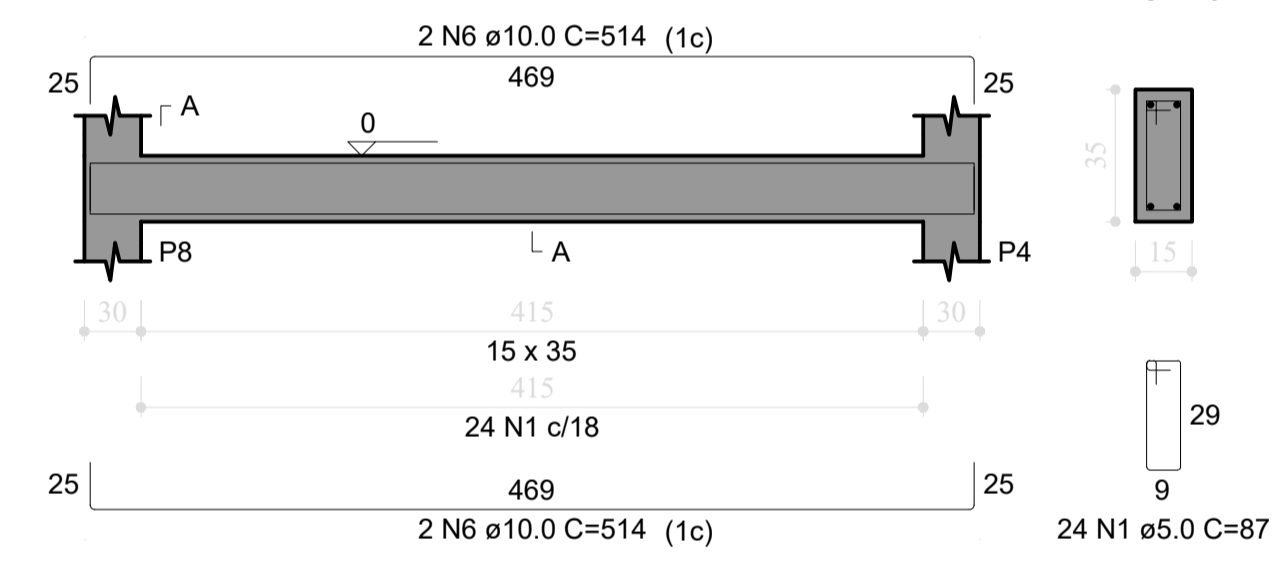
V.B9
ESC 1:50



V.B10
ESC 1:50



V.B11
ESC 1:50



RELAÇÃO DO AÇO

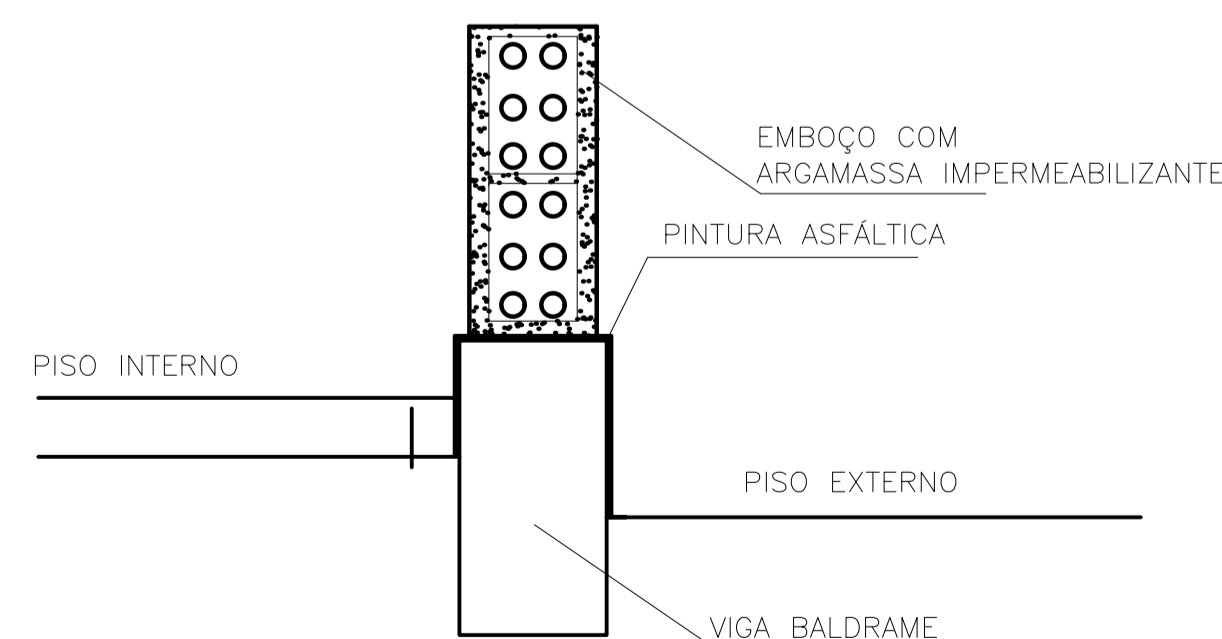
| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|------|----|-----------|-------|-------------|--------------|
| CA60 | 1 | 5.0 | 357 | 87 | 31059 |
| CA50 | 2 | 10.0 | 6 | 550 | 3300 |
| | 3 | 10.0 | 4 | 1070 | 4280 |
| | 4 | 10.0 | 2 | 434 | 868 |
| | 5 | 10.0 | 2 | 441 | 882 |
| | 6 | 10.0 | 19 | 514 | 9766 |
| | 7 | 10.0 | 2 | 502 | 1004 |
| | 8 | 10.0 | 4 | 234 | 936 |
| | 9 | 10.0 | 4 | 232 | 928 |
| | 10 | 10.0 | 1 | 195 | 195 |
| | 11 | 10.0 | 2 | 334 | 668 |
| | 12 | 10.0 | 2 | 332 | 664 |
| | 13 | 12.5 | 1 | 415 | 415 |
| | 14 | 12.5 | 4 | 1197 | 4788 |
| | 15 | 12.5 | 2 | 528 | 1056 |
| | 16 | 12.5 | 1 | 420 | 420 |
| | 17 | 12.5 | 2 | 524 | 1048 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
|-----------------|-----------|-------------|-----------------|
| CA50 | 10.0 | 234.9 | 159.3 |
| CA60 | 12.5 | 77.3 | 81.9 |
| CA60 | 5.0 | 310.6 | 52.7 |
| PESO TOTAL (kg) | | | |
| CA50 | | 241.2 | |
| CA60 | | 52.7 | |

Volume de concreto (C-25) = 3.20 m³
Área de forma = 56.14 m²

IMPERMEABILIZAÇÕES:
SEÇÕES DE BALDRAME



RESPONSÁVEL TÉCNICO:
ALICE CATARINA OLIVEIRA DE MORAIS
ENGENHEIRA CIVIL
CREA-PA 1516800032

PREFEITURA IPIXUNA DO PARA
Nossa cidade, nosso compromisso!

ESTABELECIMENTO: ESCOLA NOVA

ENDEREÇO: _____ URB: _____

PROJETO ESTRUTURAL

DESCRIÇÃO DA PRANCHIA: BLOCO ADMINISTRATIVO
DETALHAMENTO DAS VIGAS BALDRAME

DATA: MAIO/2022

ESCALA: INDICADA

DESENVOLVIMENTO: ALICE MORAES
ENG. CIVIL

Nº DA PRANCHIA: EST 04/08

VERSÃO: V01

DESCRIÇÃO DA VERSÃO: