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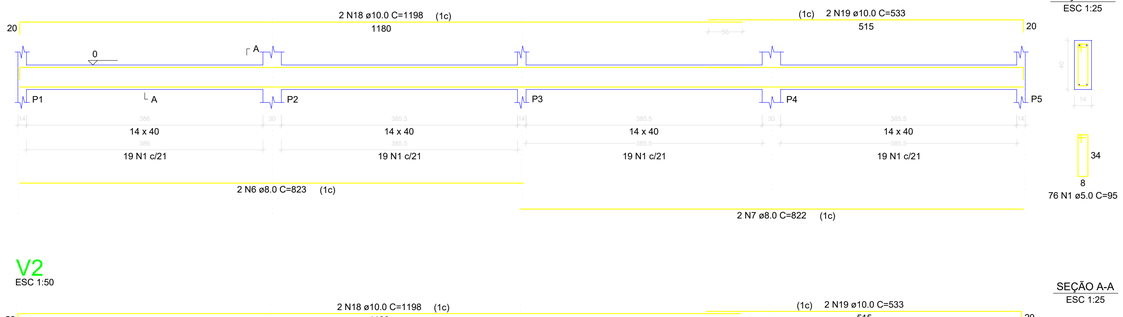
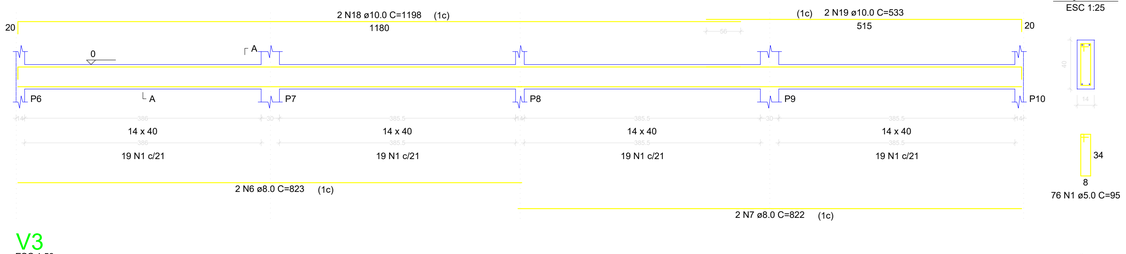
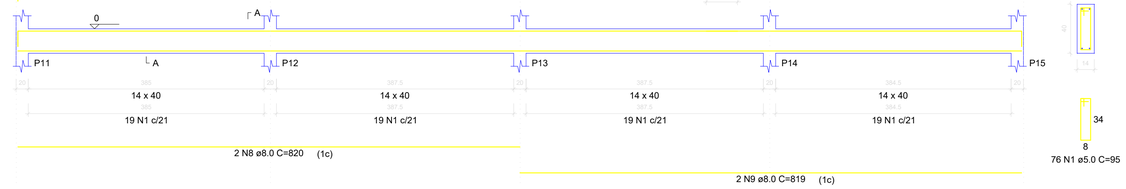
## V1
ESC 1:50

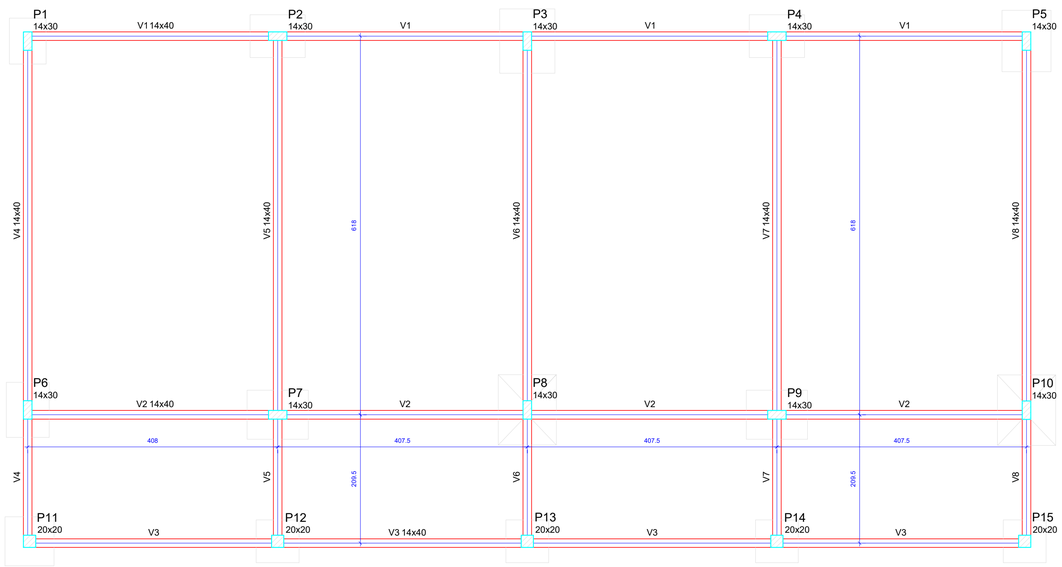



## V2
ESC 1:50




## V3
ESC 1:50




Características dos materiais

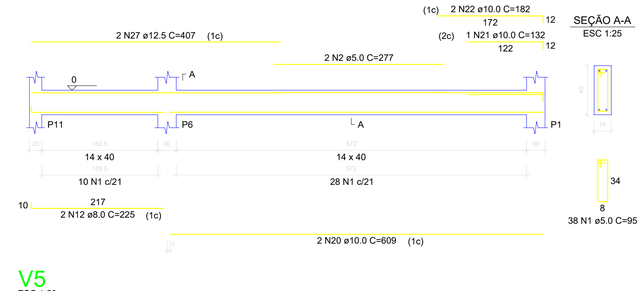
| fck (kgf/cm²) | Abatimento (cm) |
|---|---|
| 250 | 5.00 |

Dimensão máxima do agregado = 19 mm

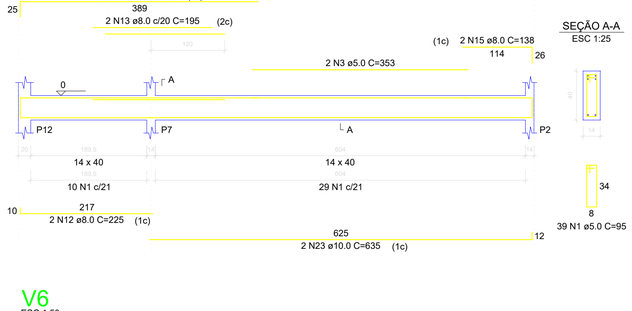
| Legenda dos pilares | |
|---|---|
| | Pilar que morre |
| | Pilar que passa |

# Forma do pavimento Baldrame (Nível 0)
escala 1:50

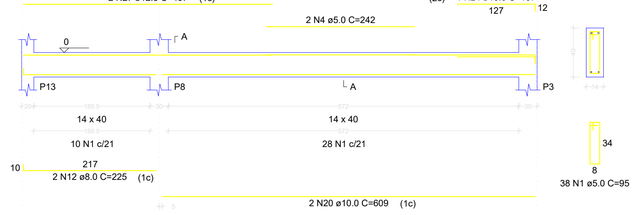
## V4
ESC 1:50



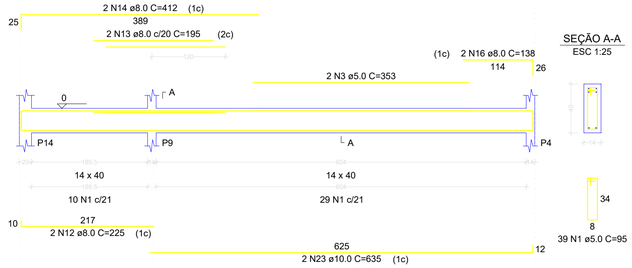

## V5
ESC 1:50



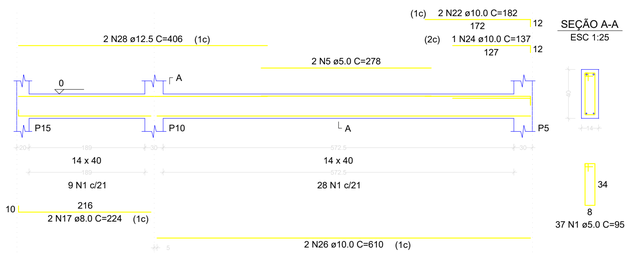

## V6
ESC 1:50




## V7
ESC 1:50




## V8
ESC 1:50




RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8

| AÇO | N. | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA60 | 1 | 5.0 | 419 | 95 | 39805 |
| | 2 | 5.0 | 2 | 277 | 554 |
| | 3 | 5.0 | 4 | 353 | 1412 |
| | 4 | 5.0 | 2 | 242 | 484 |
| | 5 | 5.0 | 2 | 278 | 556 |
| CA50 | 6 | 8.0 | 4 | 823 | 3292 |
| | 7 | 8.0 | 4 | 822 | 3288 |
| | 8 | 8.0 | 2 | 820 | 1640 |
| | 9 | 8.0 | 2 | 819 | 1638 |
| | 10 | 8.0 | 2 | 1198 | 2396 |
| | 11 | 8.0 | 2 | 538 | 1076 |
| | 12 | 8.0 | 8 | 225 | 1800 |
| | 13 | 8.0 | 4 | 195 | 780 |
| | 14 | 8.0 | 4 | 412 | 1648 |
| | 15 | 8.0 | 2 | 138 | 276 |
| | 16 | 8.0 | 2 | 138 | 276 |
| | 17 | 8.0 | 2 | 224 | 448 |
| | 18 | 10.0 | 4 | 1198 | 4792 |
| | 19 | 10.0 | 4 | 533 | 2132 |
| | 20 | 10.0 | 4 | 609 | 2436 |
| | 21 | 10.0 | 1 | 132 | 132 |
| | 22 | 10.0 | 4 | 182 | 728 |
| | 23 | 10.0 | 4 | 635 | 2540 |
| | 24 | 10.0 | 2 | 137 | 274 |
| | 25 | 10.0 | 2 | 217 | 434 |
| | 26 | 10.0 | 2 | 610 | 1220 |
| | 27 | 12.5 | 4 | 407 | 1628 |
| | 28 | 12.5 | 2 | 406 | 812 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | QUANT + 10% (Barras) | PESO + 10% (kg) |
|---|---|---|---|---|
| CA50 | 8.0 | 185.6 | 18 | 80.5 |
| | 10.0 | 146.9 | 14 | 99.6 |
| | 12.5 | 24.4 | 3 | 25.9 |
| CA60 | 5.0 | 428.1 | - | 72.6 |

| PESO TOTAL (kg) | |
|---|---|
| CA50 | 206 |
| CA60 | 72.6 |

Volume de concreto (C-25) = 5.12 m³
Área de forma = 85.93 m²

| | |
|---|---|
| TIPO DA OBRA | OBRA PUBLICA - Construção de salas de aula |
| LOCAL | Escola Ricardo Franco, Jd. Aeroporto, Vila Bela da Santissima Trindade - MT |
| INSC. CADASTRAL | - |
| PROPRIETÁRIOS | |
| CNPJ/CPF | - |
| AUTOR DO PROJETO | Valdenir de almeida Pereira |
| CAU | A51825-5 - Arquiteto e urbanista |
| RESP. P/ EXECUÇÃO | |
| CREA | |
| ÁREA (m²) | Terreno: 7.354,45 m2<br>Existente: 1984,30 m2<br>Demolição: 80,64 m2<br>Ampliação: 210,50 m2<br>Total: 2.114,16 m2 |
| ASSUNTO | PROJETO ESTRUTURAL SALA |
| TITULO DO DESENHO | Forma baldrame e vigas baldrames |
| FOLHA Nº | 02/03 |
| ESCALA | INDICADA |
| Coeficientes | Ocupação ( % ): - ; Aproveitamento ( % ): - ; Permeabilidade ( % ): - |
| DATA | 04-2018 |

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