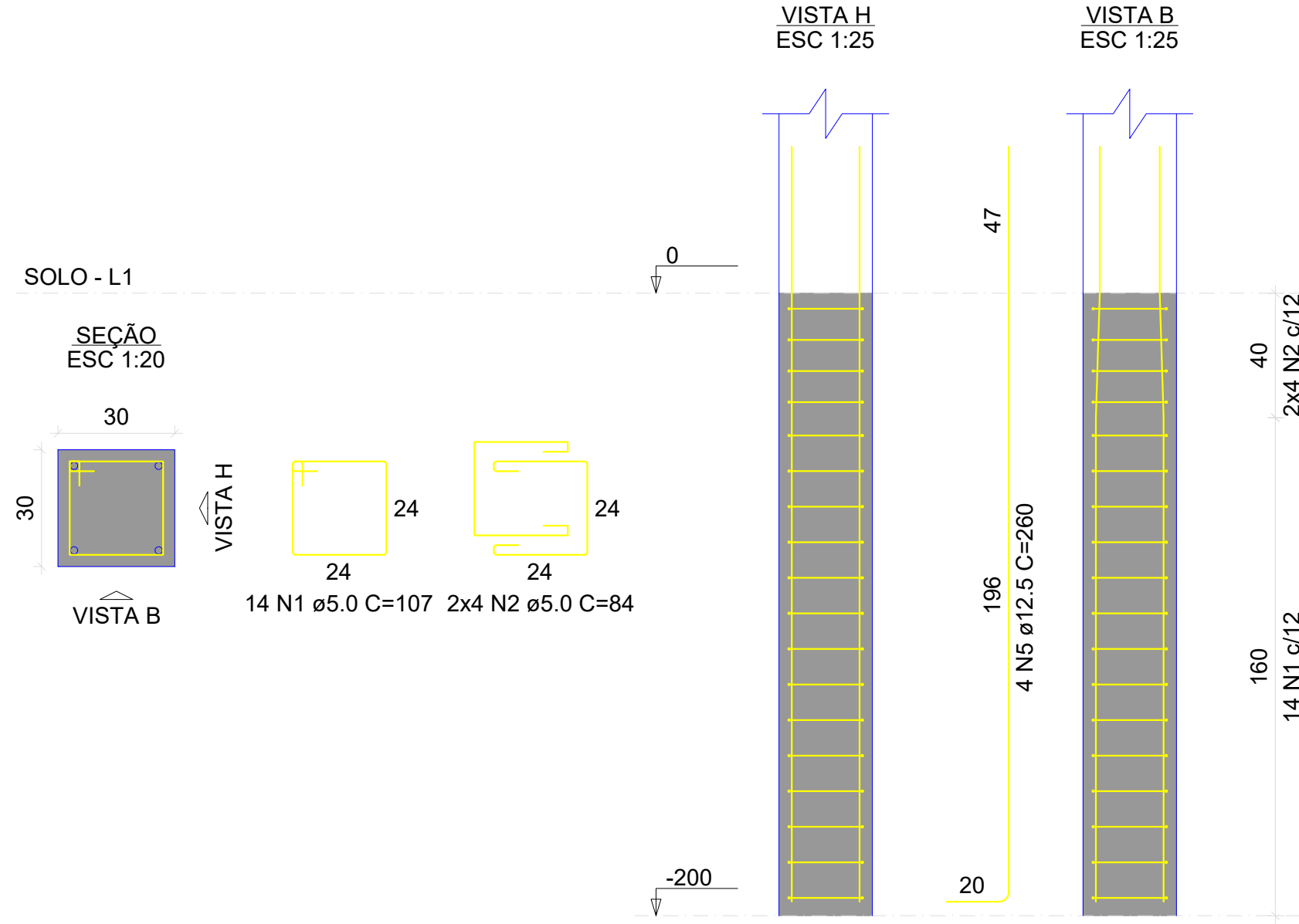
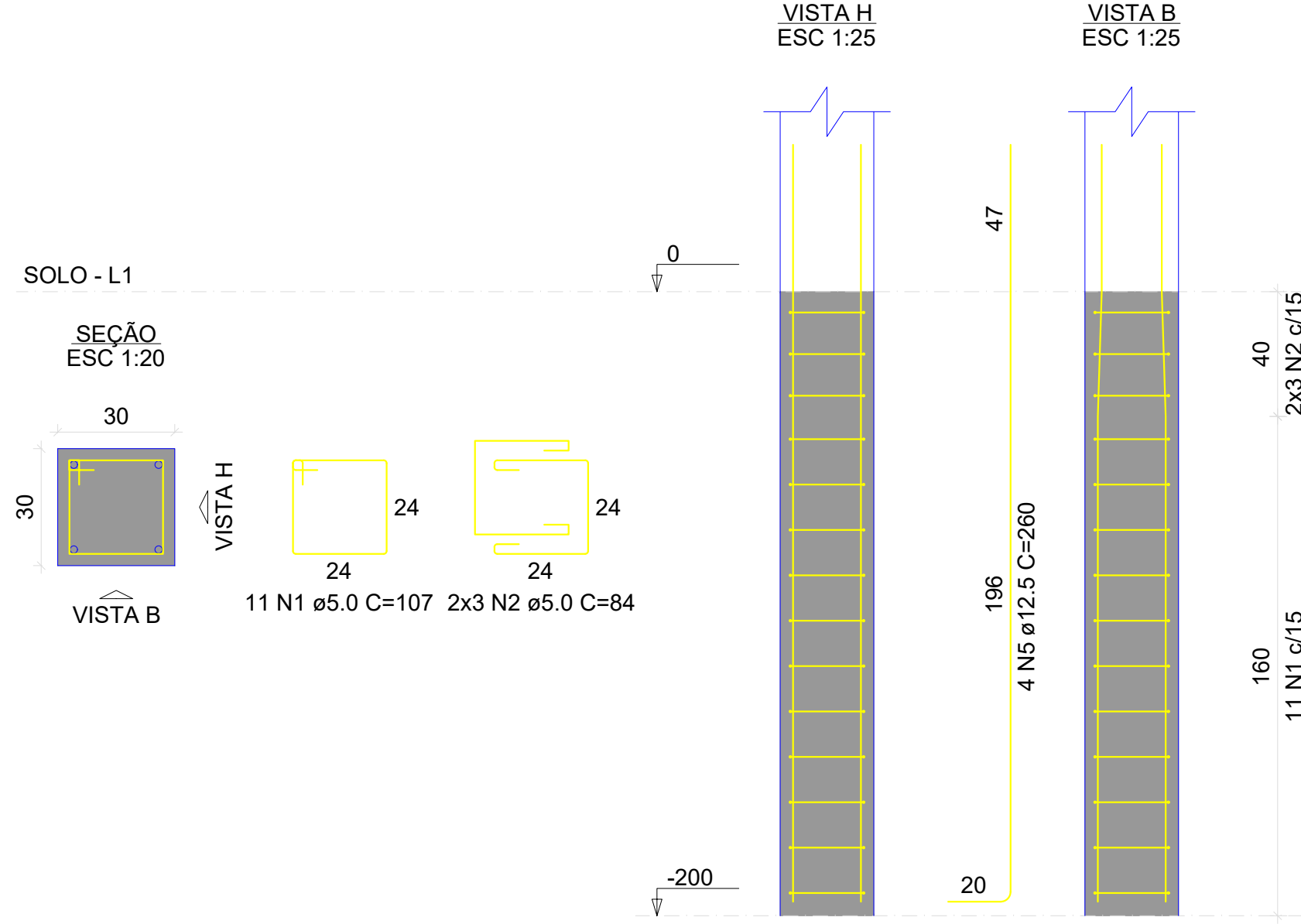


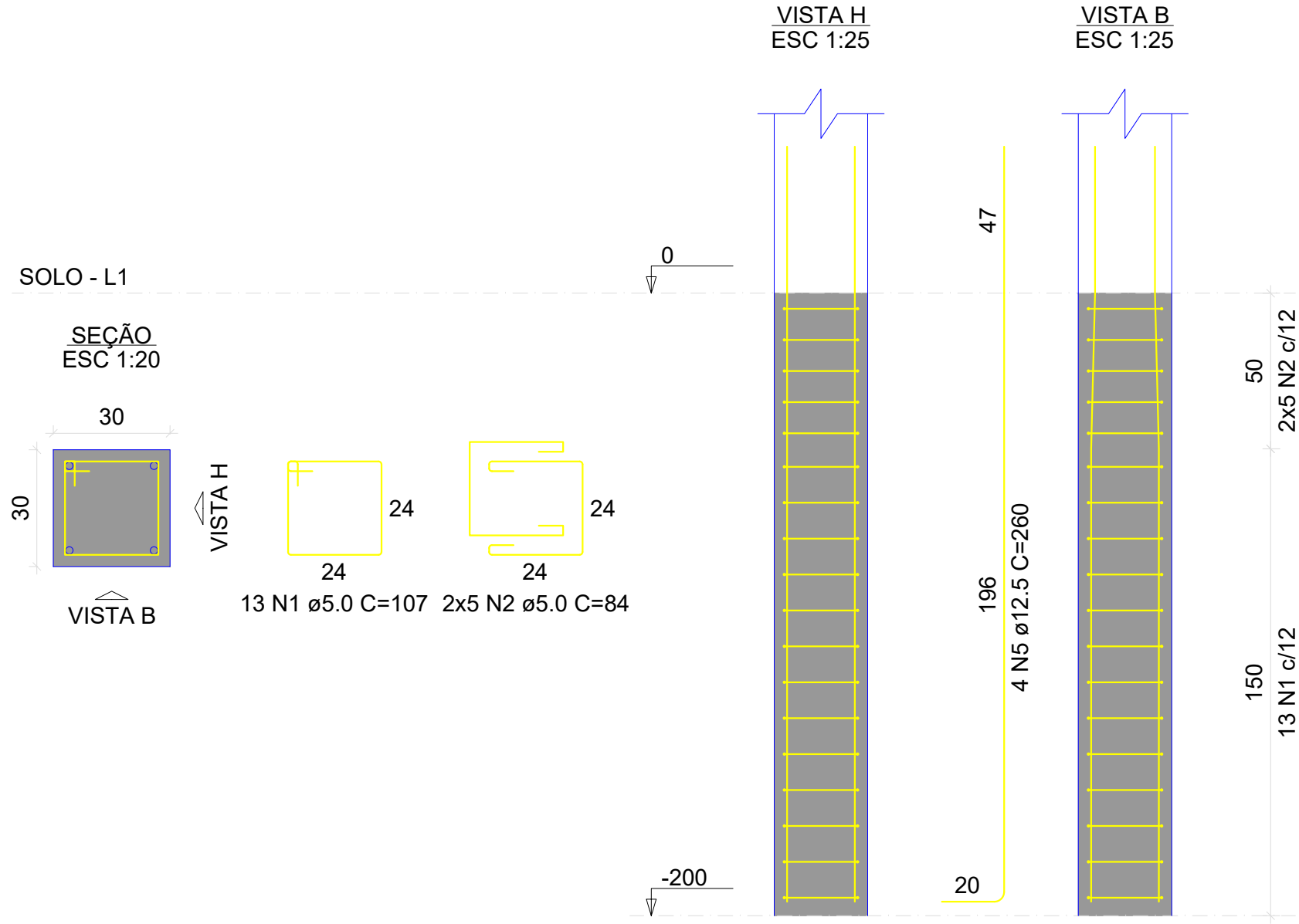
P1=P6=P7=P11=P12=P13



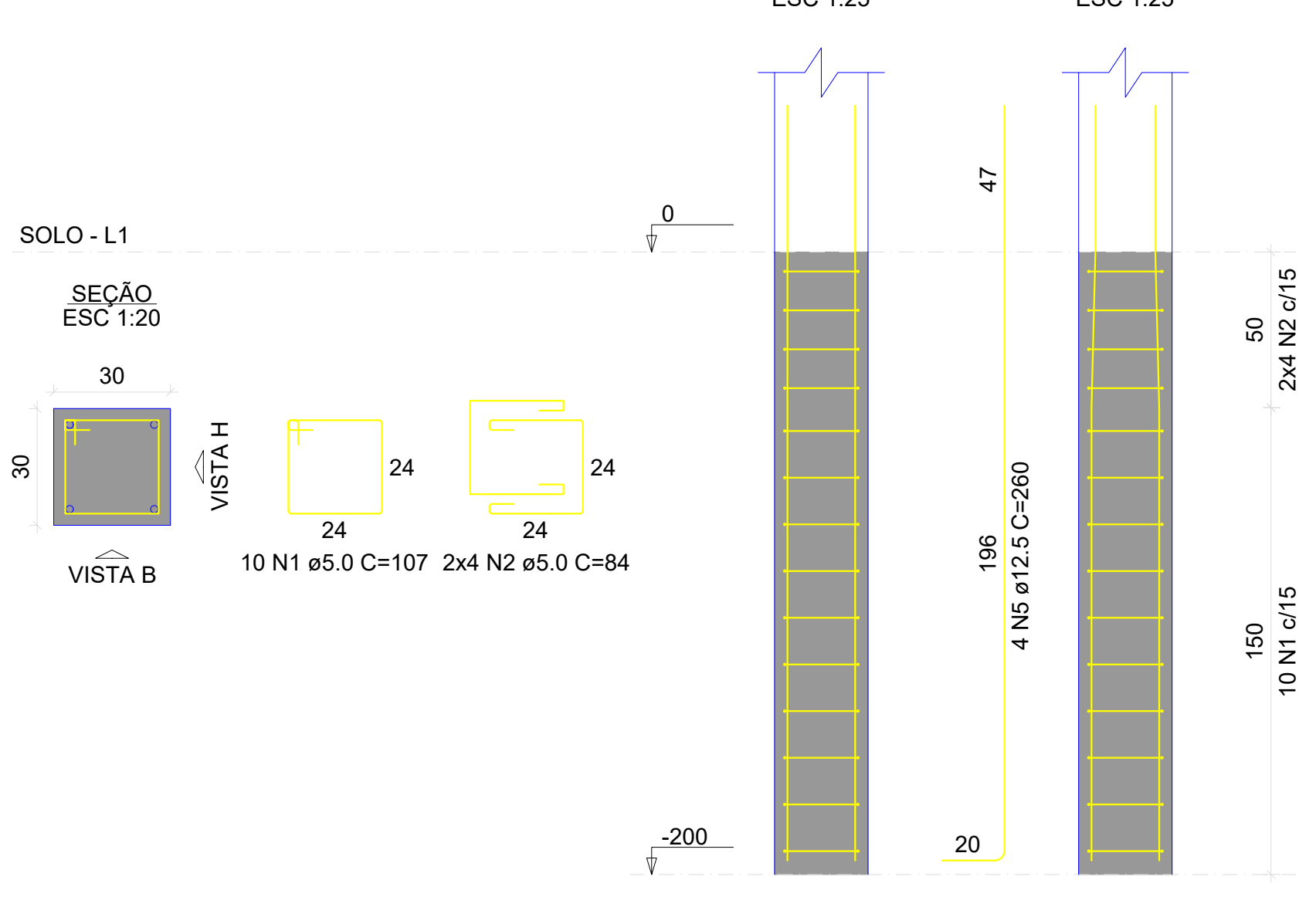
P2=P3=P4=P5=P9=P15=P17=P18=P19=P20=
=P21=P22=P23



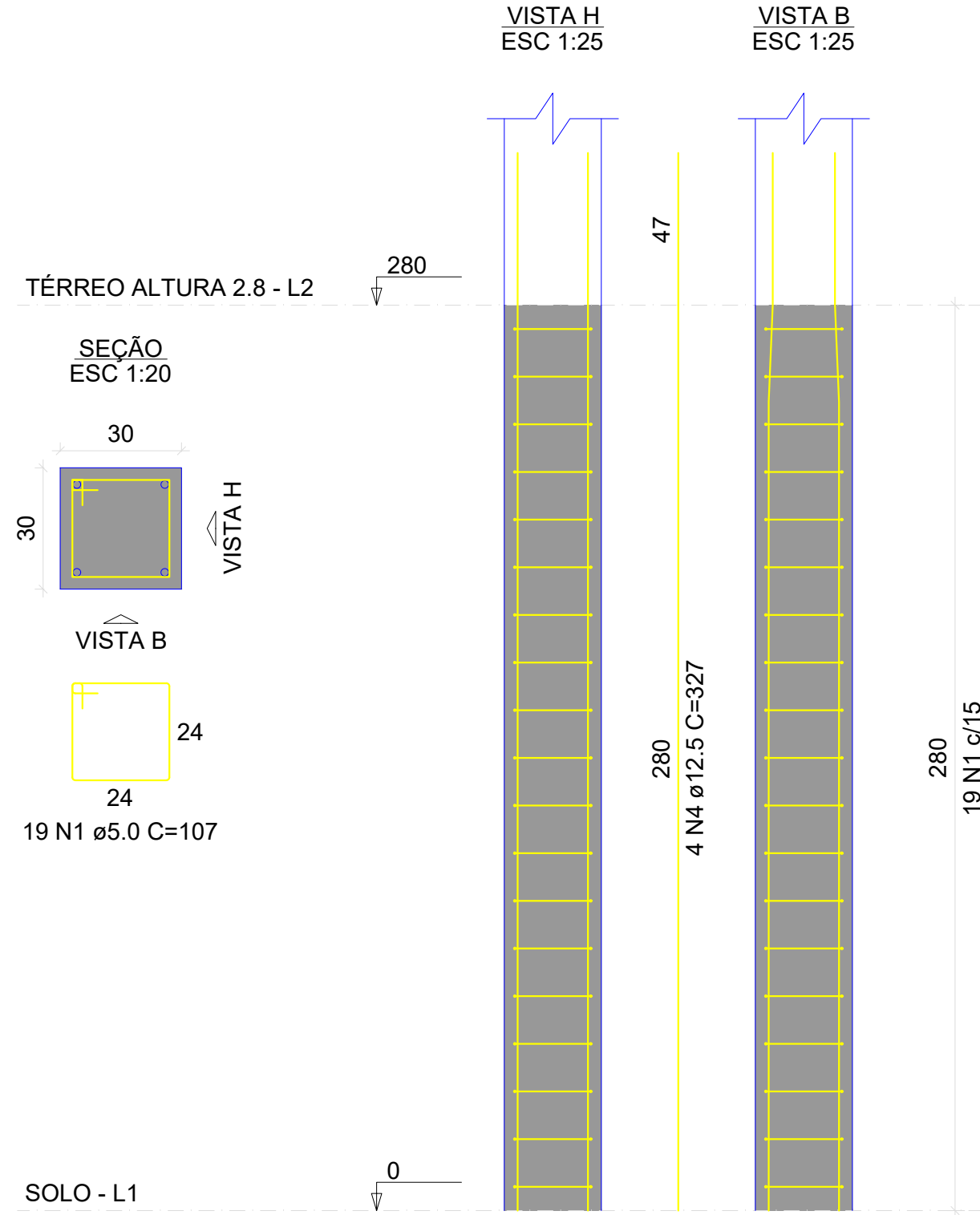
P8=P14=P16



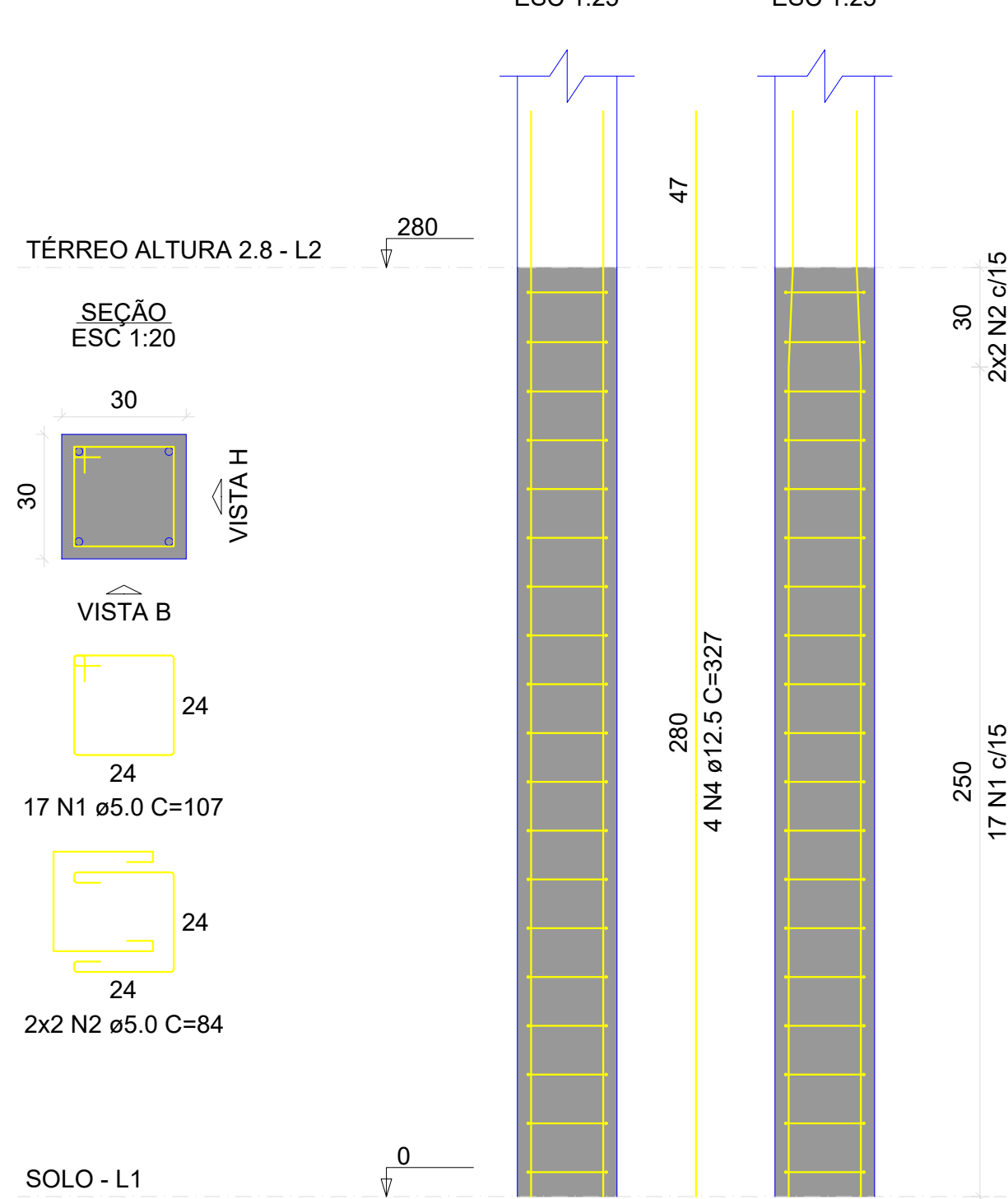
P10



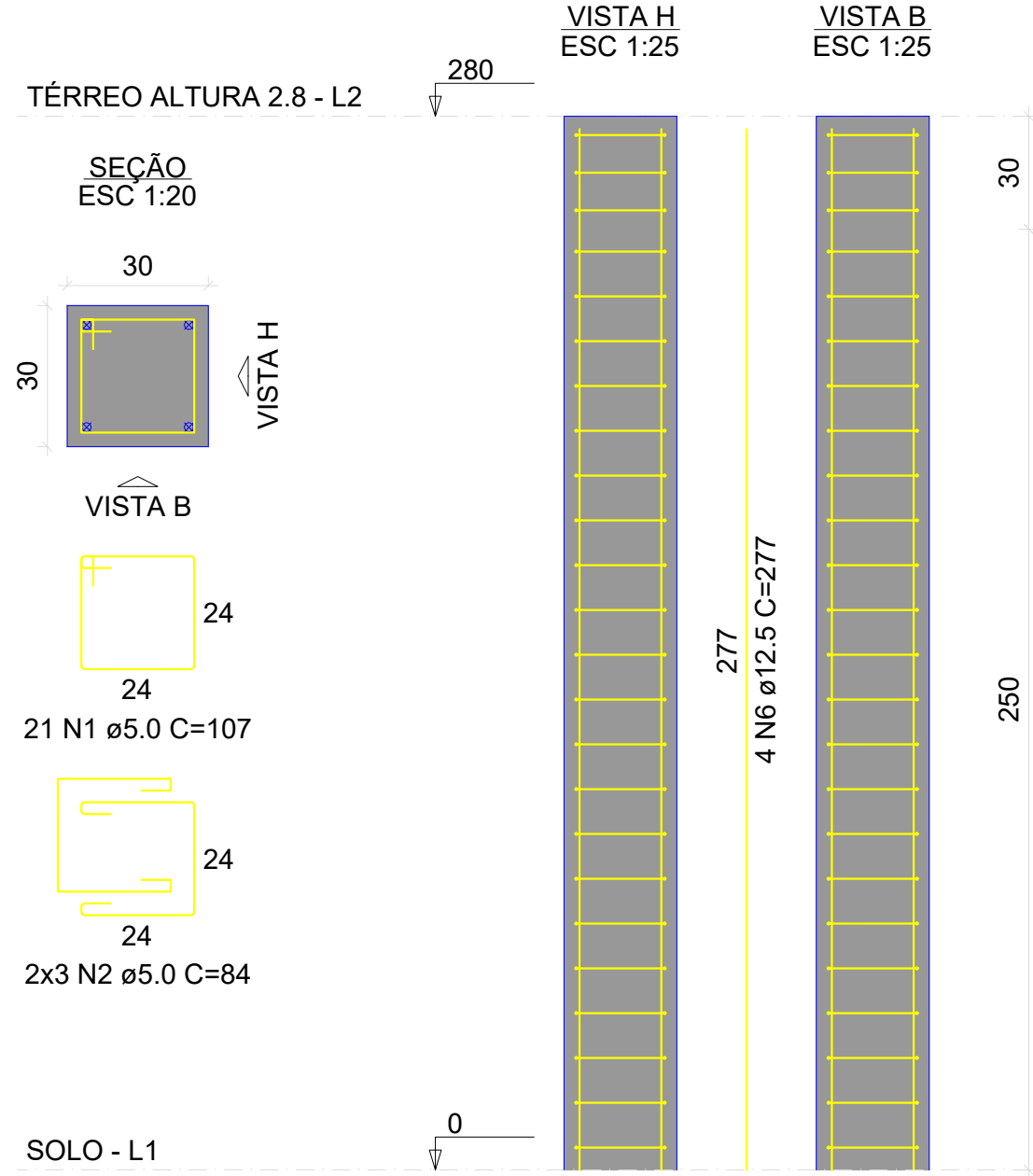
P1=P2=P3=P4=P5=P6=P7=P8=
=P9=P15=P17=P18=P19=P20=
=P21=P22=P23



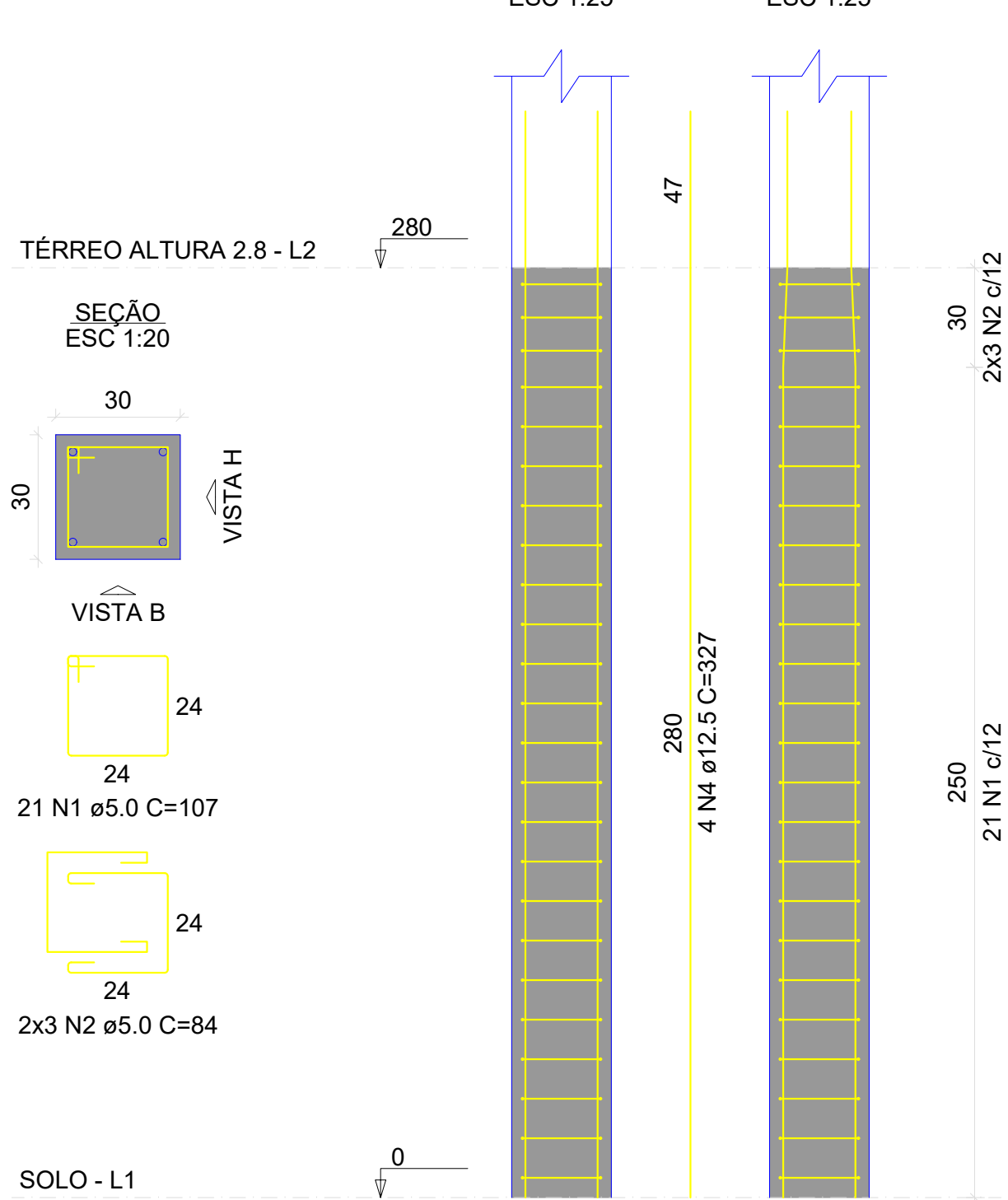
P10



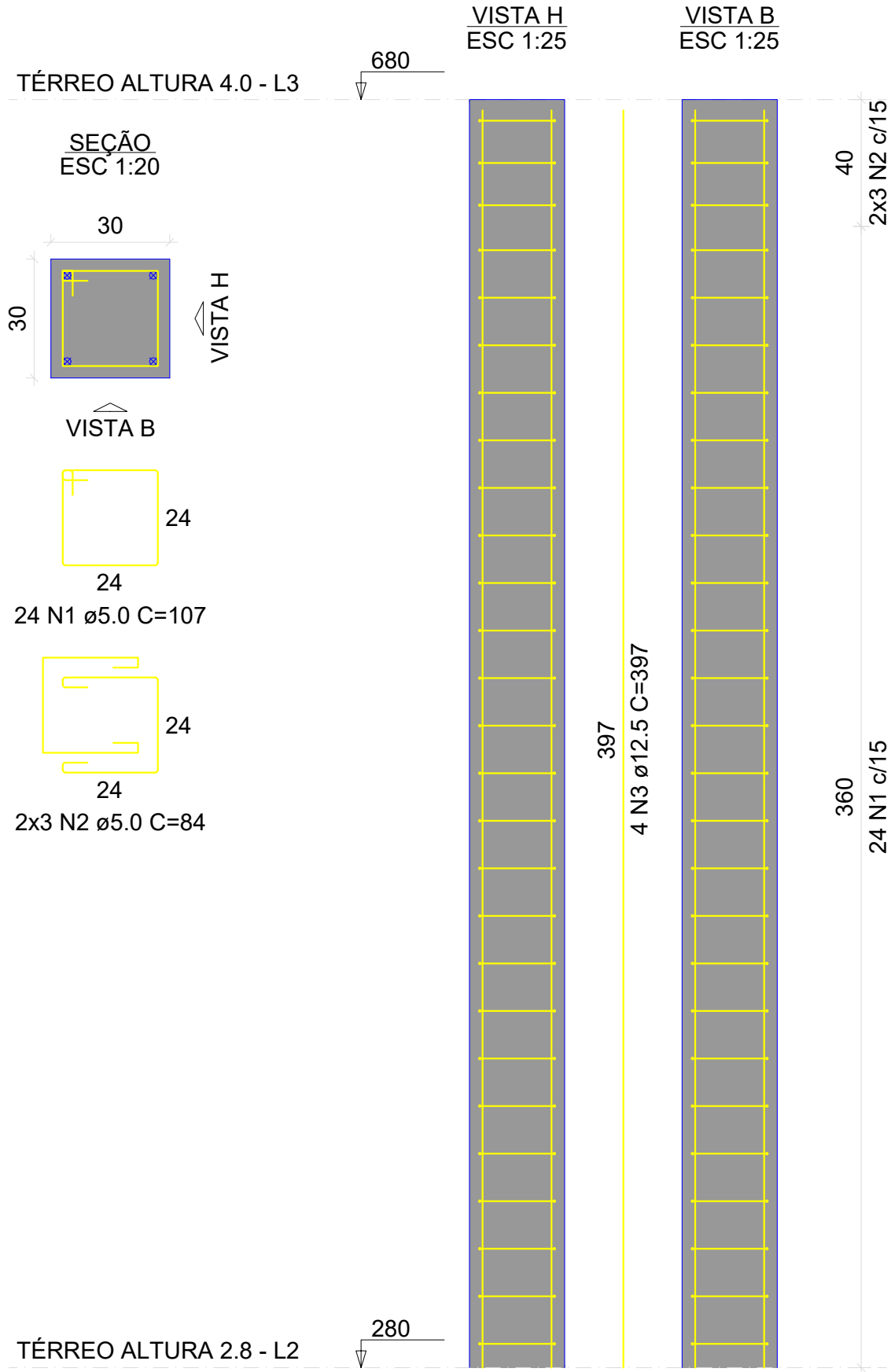
P11=P12=P13



P14=P16



P1=P2=P3=P4=P5=P6=P7=P8=
=P9=P10=P14=P15=P16=P17=
=P18=P19=P20=P21=P22=P23



| RELAÇÃO DO AÇO | | | | | |
|----------------|----------|-----------|-------|-------------|--------------|
| 2xP1-L3 | 17xP1-L2 | 6xP1-L1 | | | |
| 13xP2-L1 | 3xP5-L1 | P10-L2 | | | |
| P10-L1 | 3xP11-L2 | 2xP14-L2 | | | |
| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
| CA80 | 1 | 5.0 | 1201 | 107 | 128507 |
| CA50 | 2 | 5.0 | 318 | 84 | 26712 |
| | 3 | 12.5 | 80 | 337 | 31760 |
| | 4 | 12.5 | 80 | 327 | 26160 |
| | 5 | 12.5 | 92 | 280 | 25820 |
| | 6 | 12.5 | 12 | 277 | 3324 |

| RESUMO DO AÇO | | | |
|-----------------|-----------|-------------|-----------------|
| AÇO | DIAM (mm) | C.TOTAL (m) | PESO ± 10% (kg) |
| CA80 | 12.5 | 851.6 | 902.5 |
| CA60 | 5.0 | 1552.2 | 263.2 |
| PESO TOTAL (kg) | | | |
| CA80 | | 902.5 | |
| CA60 | | 263.2 | |

Volume de concreto (C-25) = 17.14 m³
Área de forma = 228.48 m²

APROVAÇÃO

ESTRUTURAL

Título do Projeto: AMPLIAÇÃO DO CENTRO DE REMATES
Proprietário: PREFEITURA MUNICIPAL DE SÃO JOSÉ DO CERRITO
Endereço da Obra: BOA PARADA - INTERIOR

Assinatura: **PREFEITO - JOSÉ DIRCEU DA SILVA**

Engº Civil: **Nilson do Prado Rodrigues - CREA-SC 172357-5**

Autor do Projeto:

OBRA:
AMPLIAÇÃO CENTRO DE REMATES
BOA PARADA - INTERIOR
Município: São José do Cerrito - Estado: Santa Catarina

| OBSERVAÇÕES: | ESCALA | |
|----------------------------|---------------|------------|
| | INDICADA | ESTRUTURAL |
| | DATA EMISSÃO: | |
| | INDICADA | PRANCHAS |
| Área total: A= 225,96m² | | 02/0 |