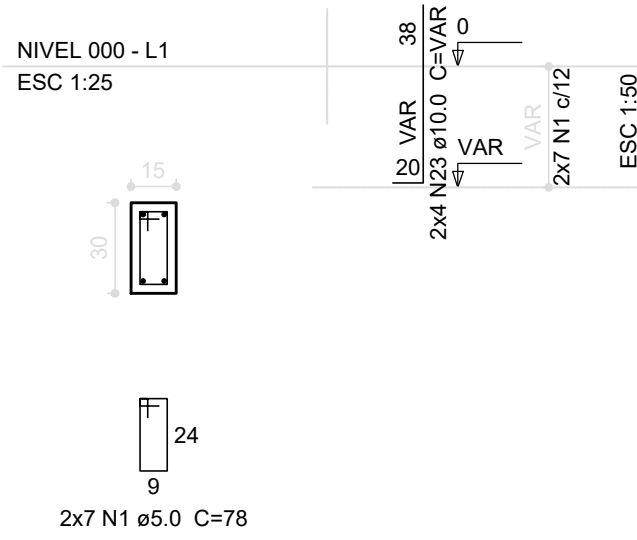
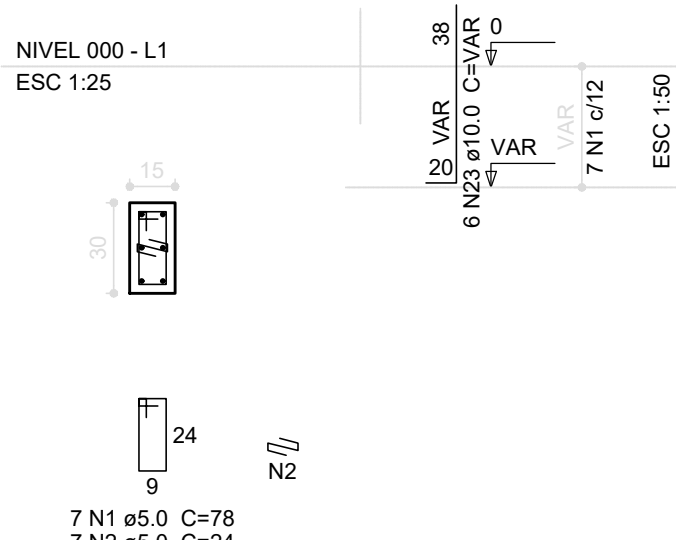


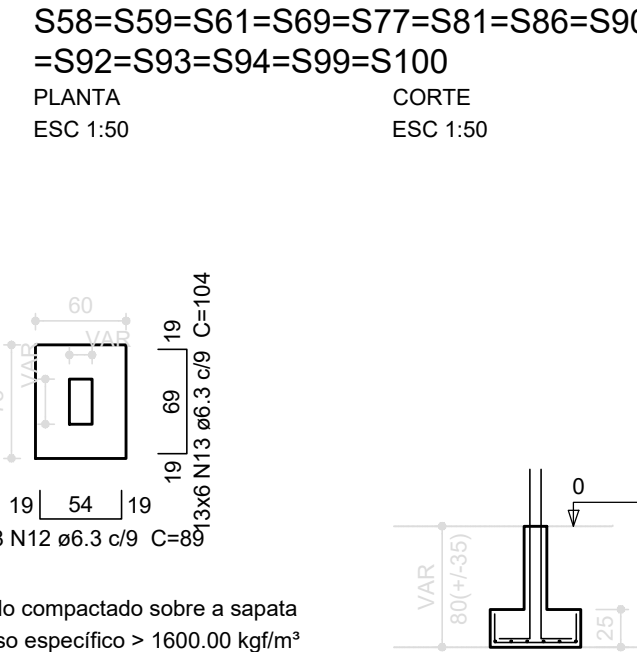
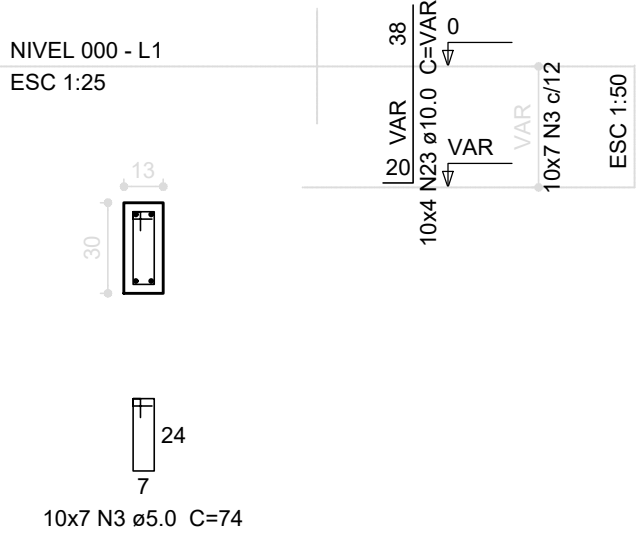
P58=P59



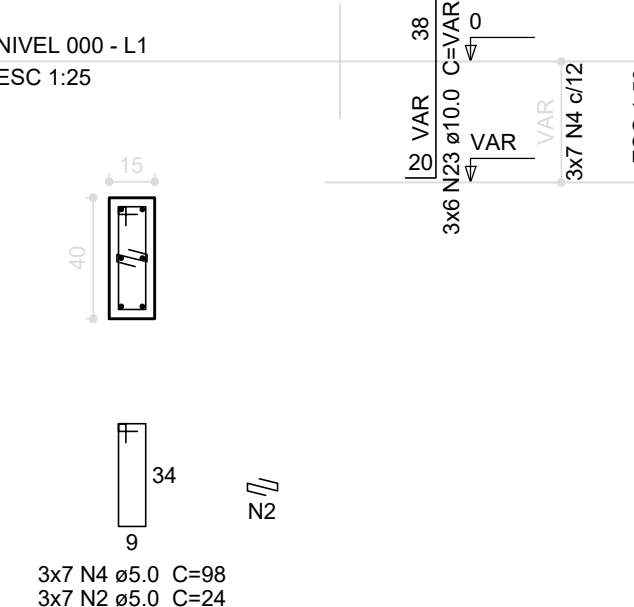
P61



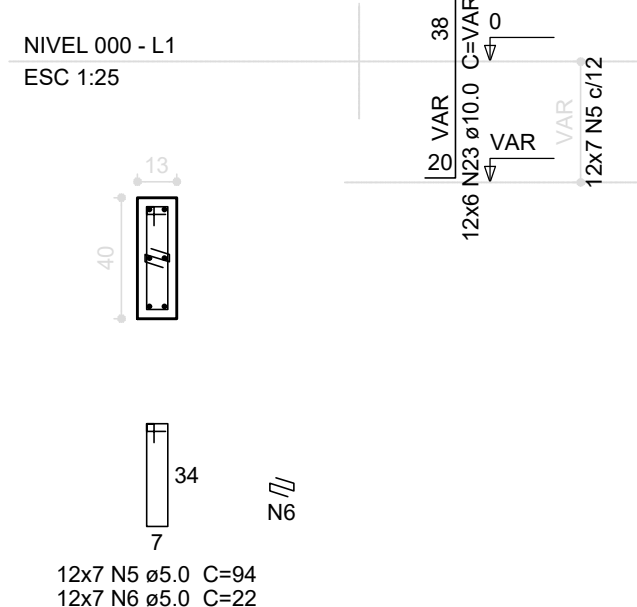
P69=P77=P81=P86=P90=P92=P93=P94=P99=P100



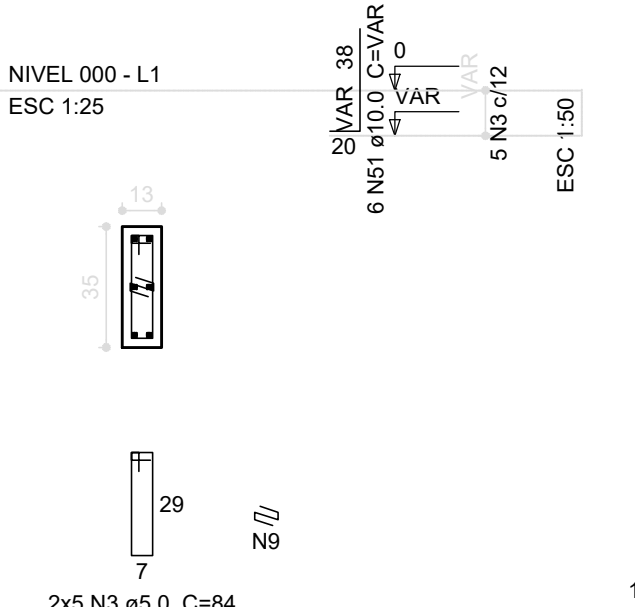
P12=P13=P60



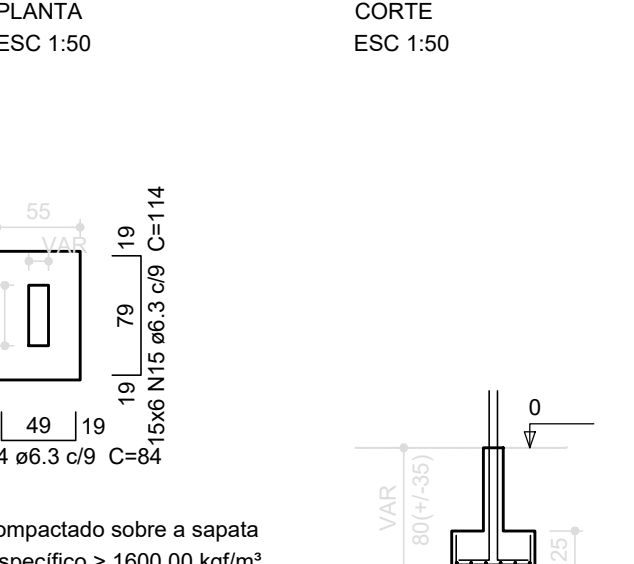
P20=P21=P71=P72=P79=P80=P82=P87=P88=P103  
=P104=P105



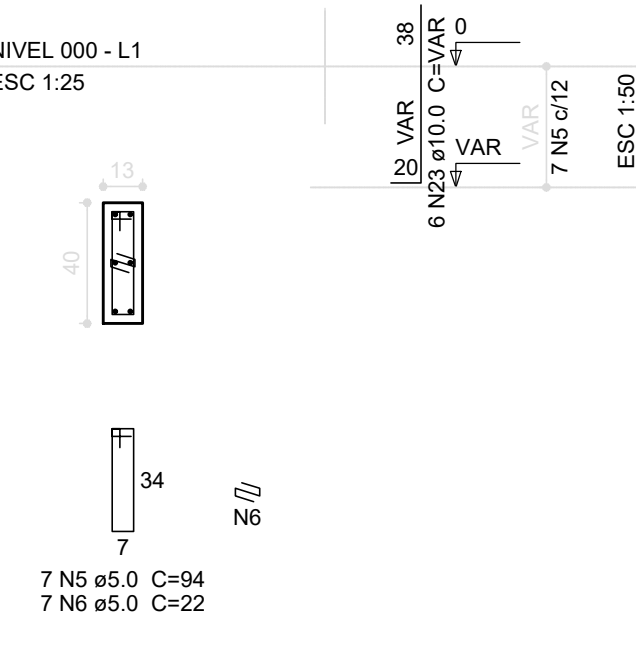
P83=P84



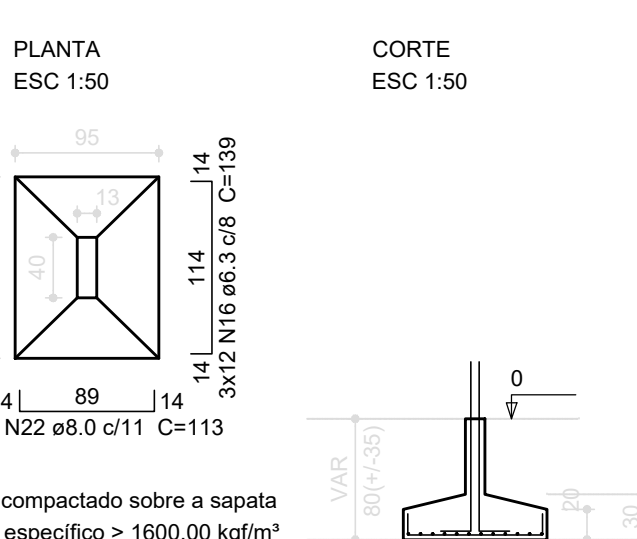
S12=S13=S20=S21=S60=S71=S72=S79=S80=S82  
=S83=S84=S87=S88=S103=S104=S105



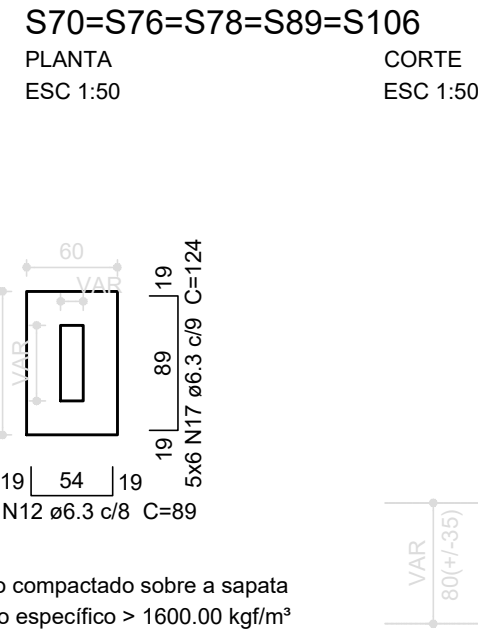
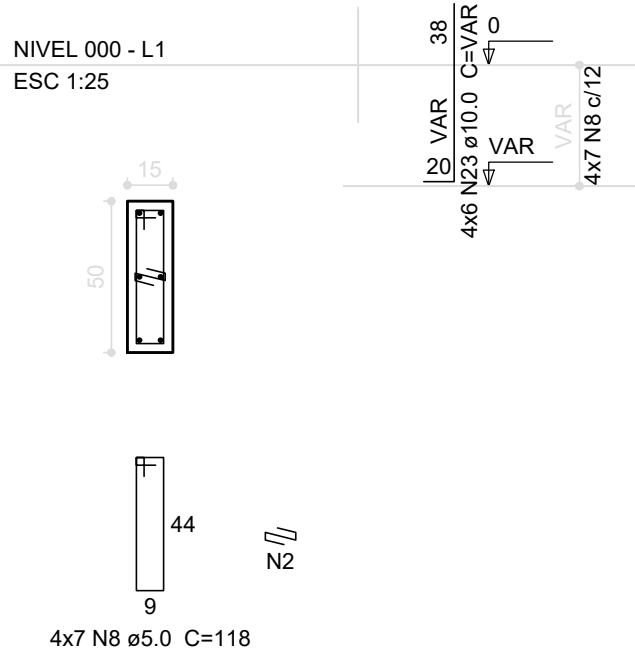
P65=P74=P75



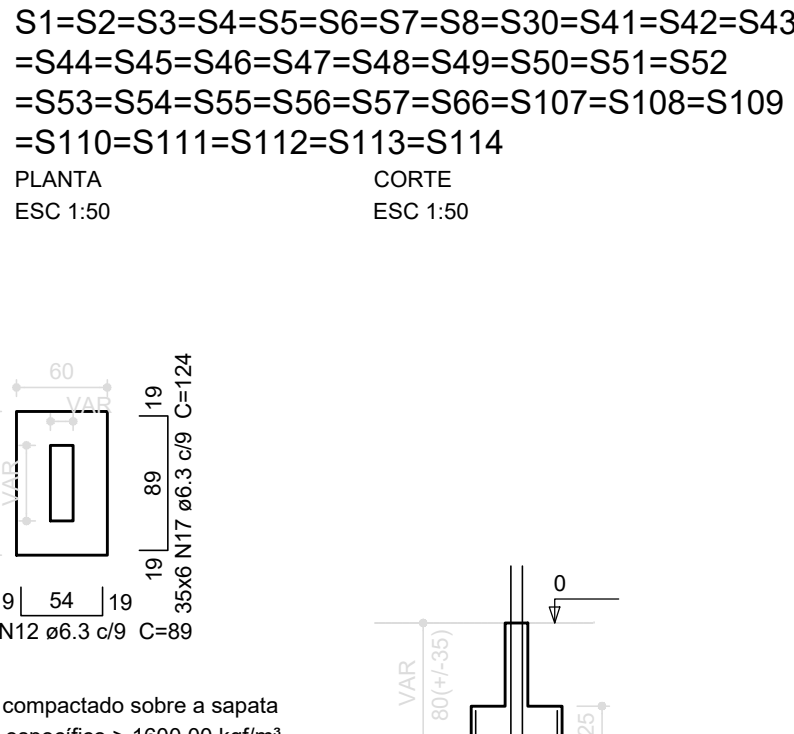
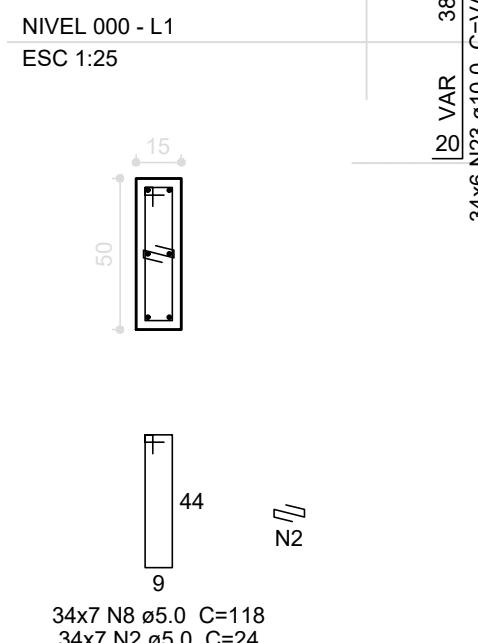
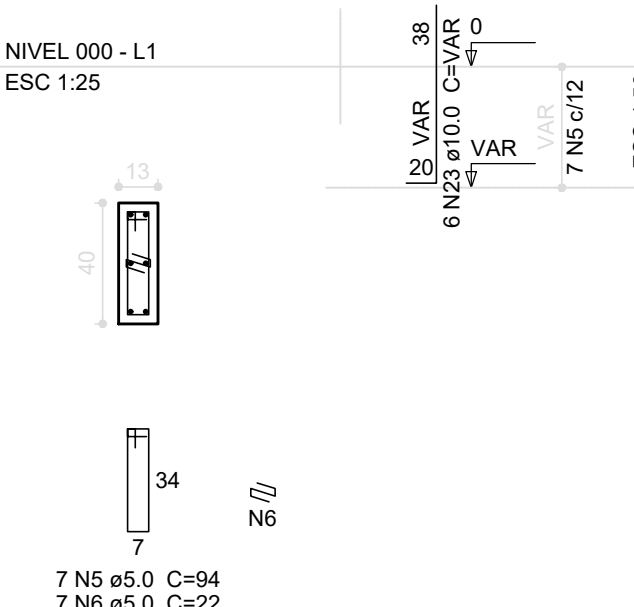
S65=S74=S75



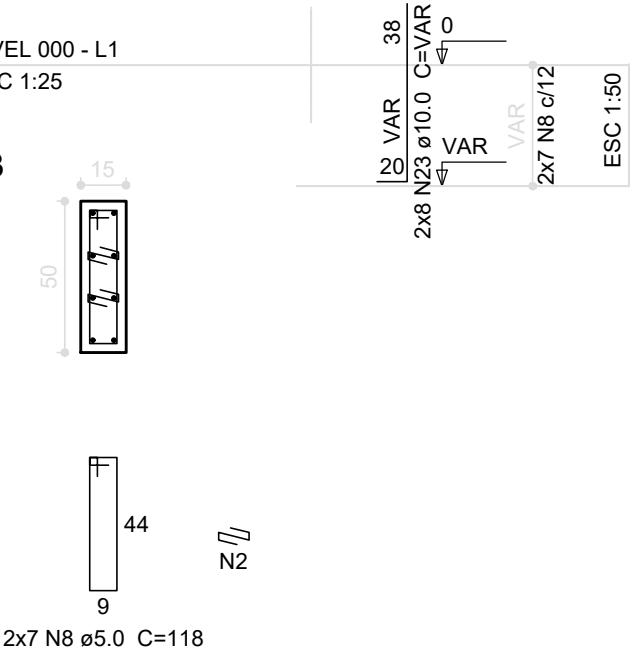
P76=P78=P89=P106



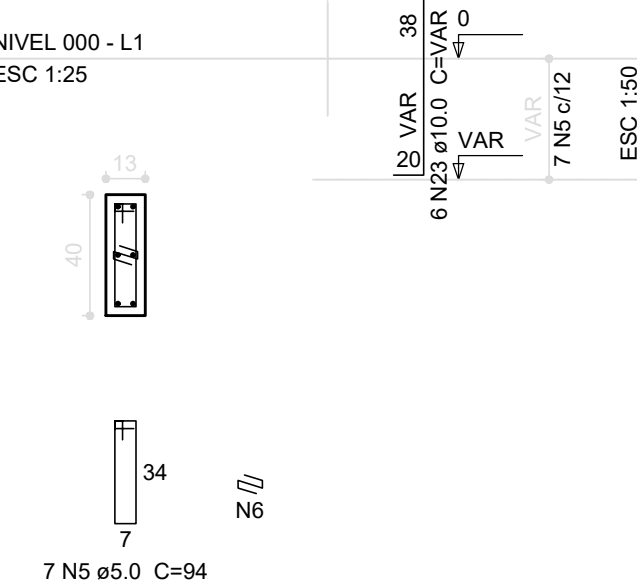
P30



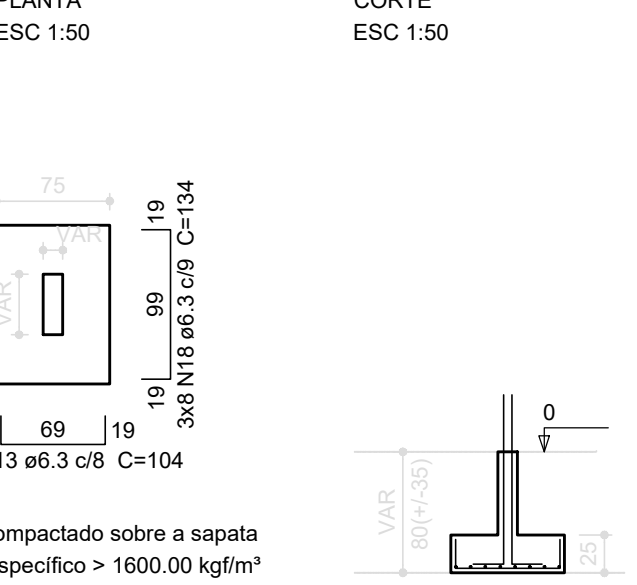
P9=P16



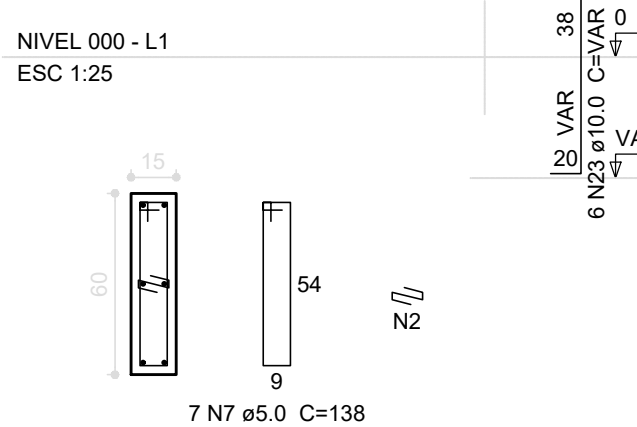
P35



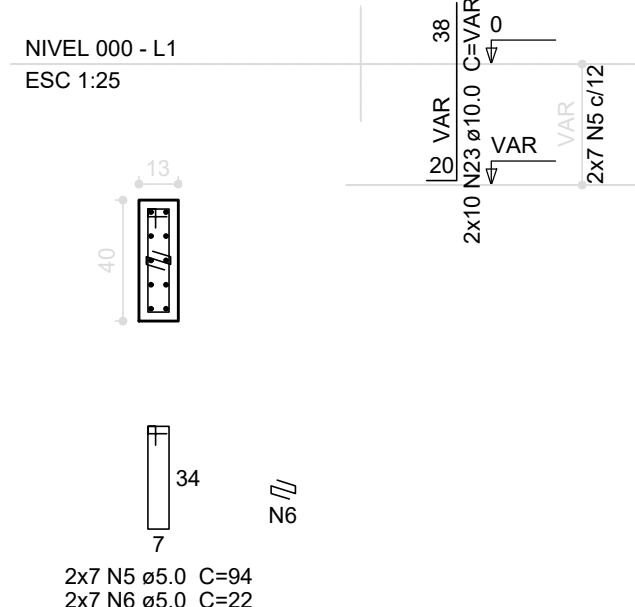
S9=S16=S35



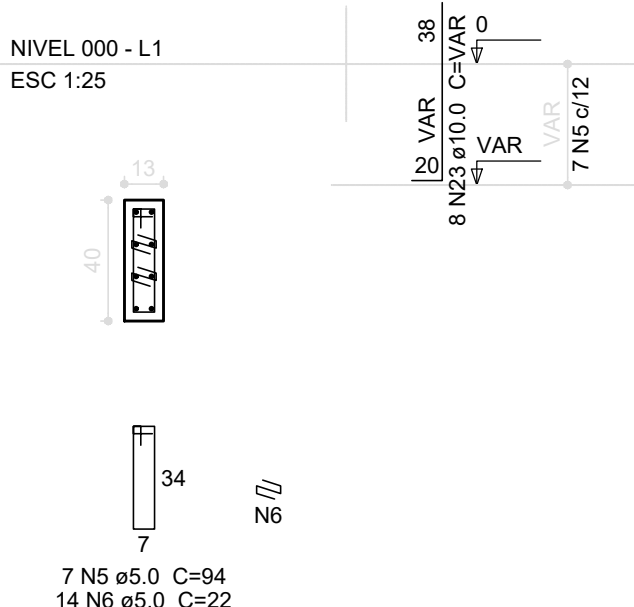
P70



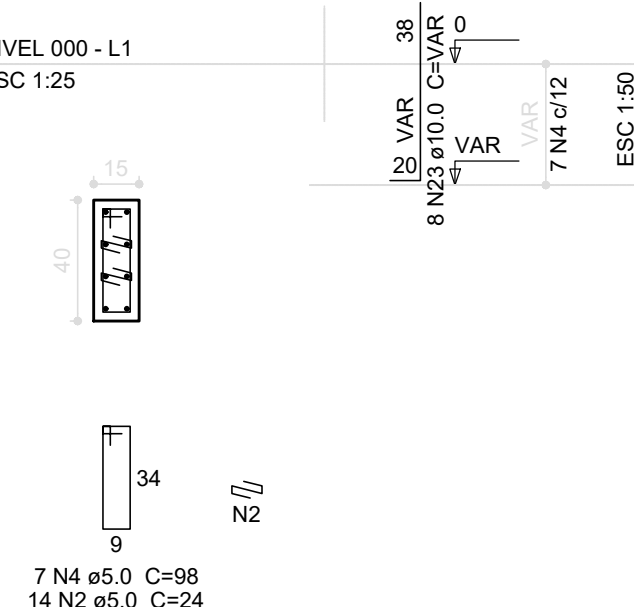
P28=P29



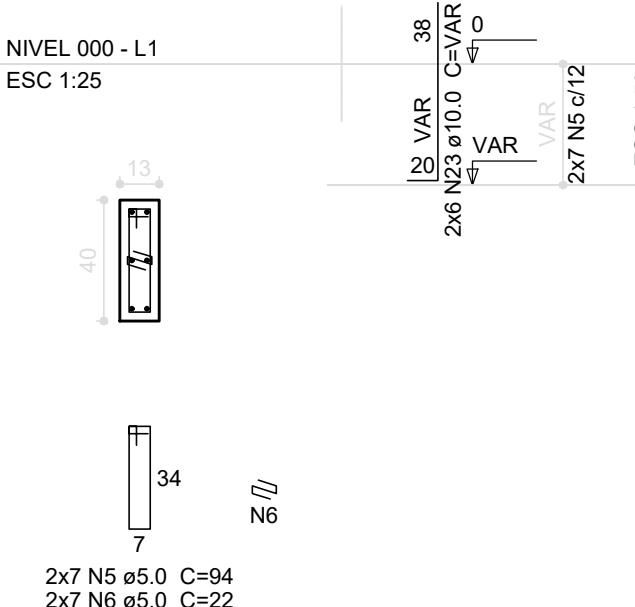
P31



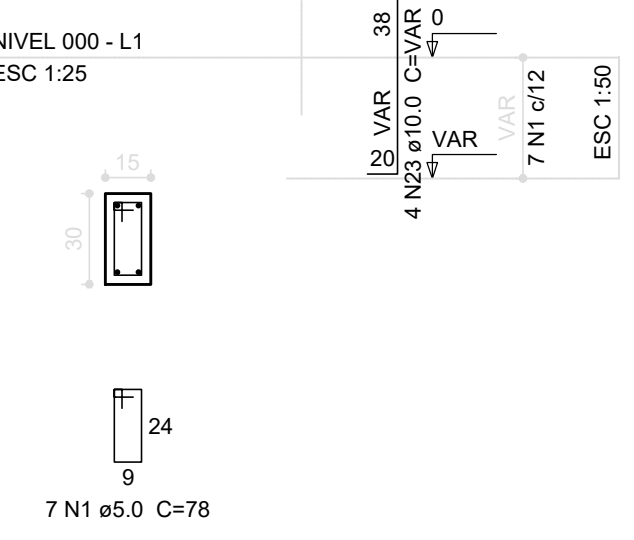
P33



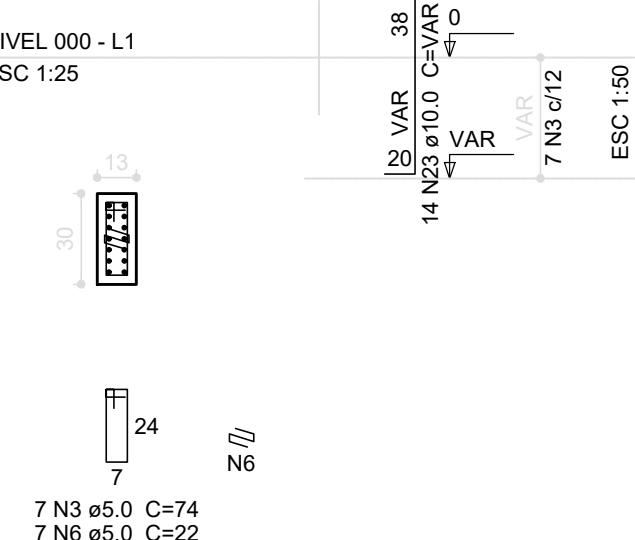
P38=P39



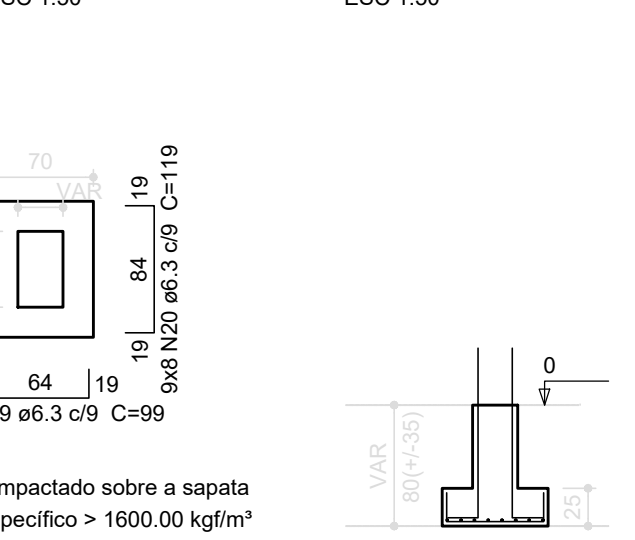
P85



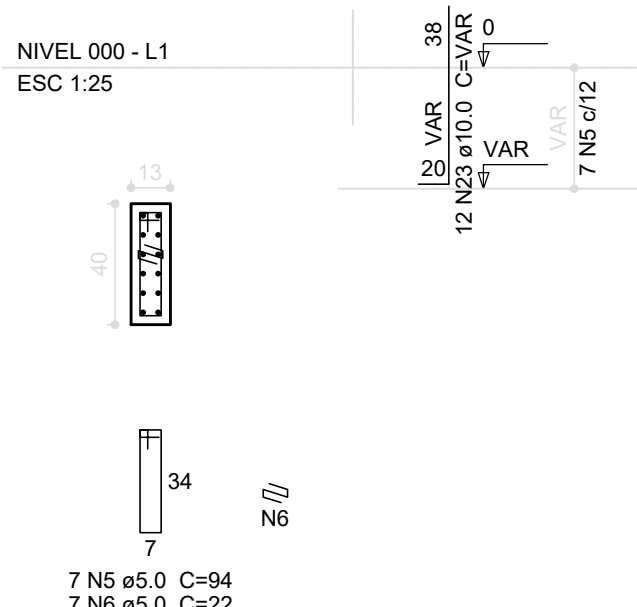
P91



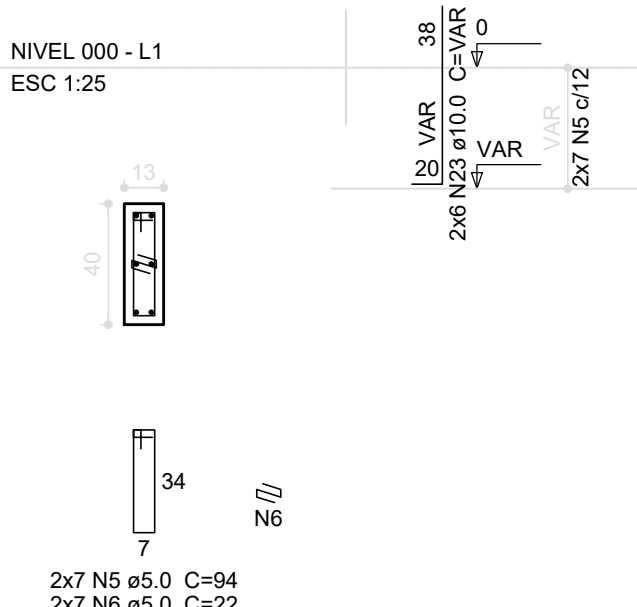
S28=S29=S31=S33=S38=S39=S85=S91=S102



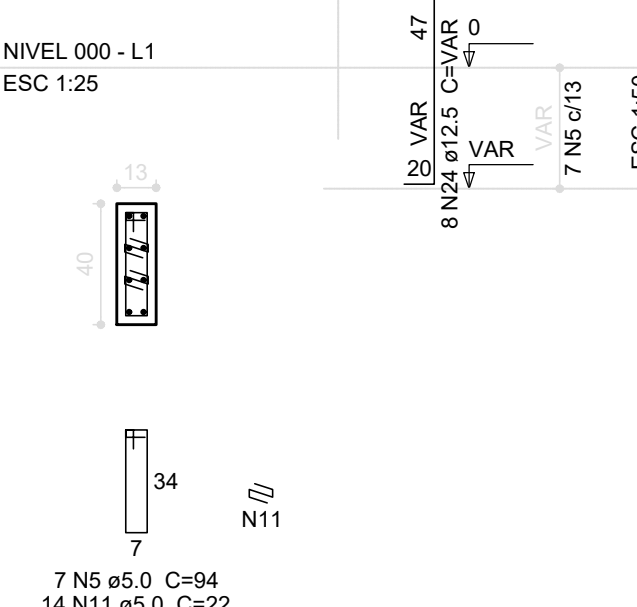
P18



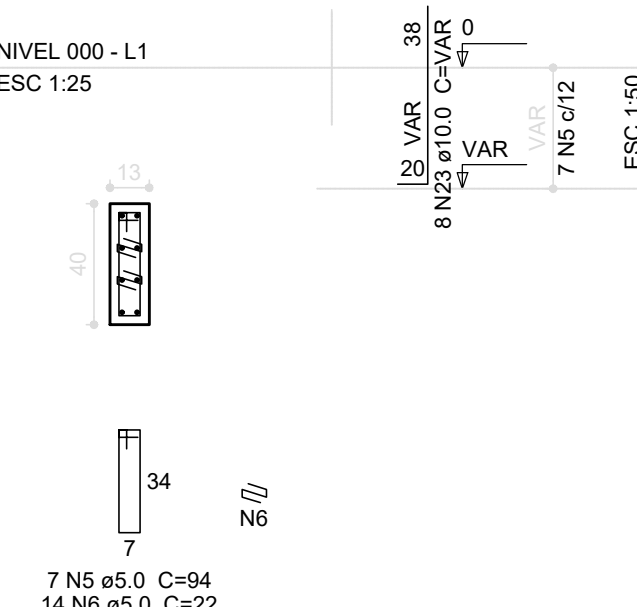
P19=P22



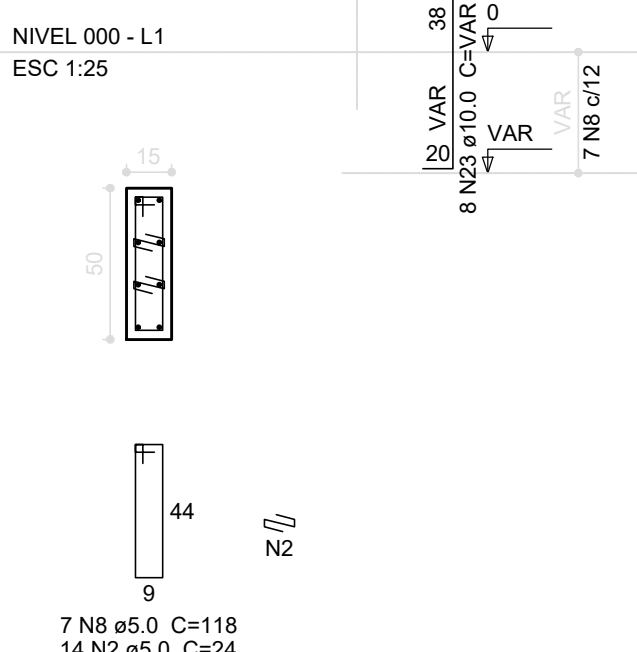
P23



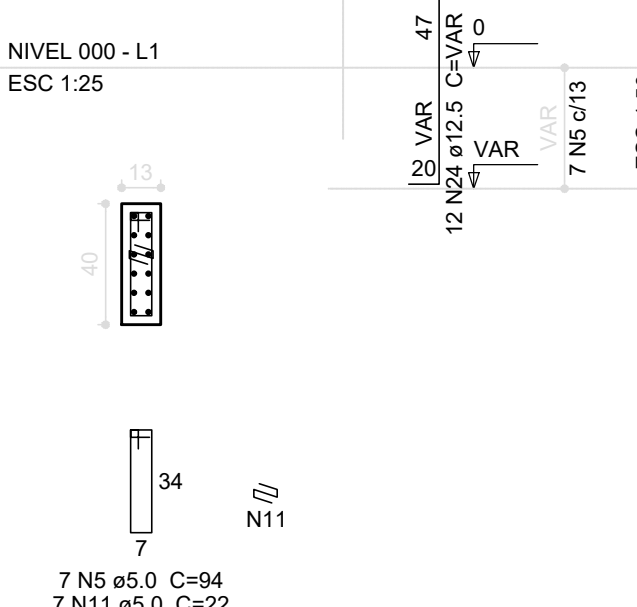
P26



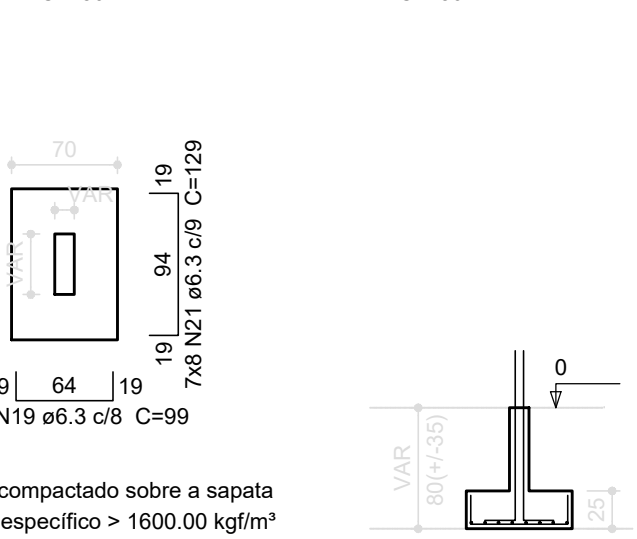
P40



P63



S18=S19=S22=S23=S26=S40=S63



Resumo do aço

| ACO             | DIAM (mm) | C.TOTAL (m) | PESO (kg) |
|-----------------|-----------|-------------|-----------|
| CA50            | 6.3       | 1505.2      | 368.8     |
|                 | 8.0       | 37.3        | 14.7      |
|                 | 10.0      | 759.0       | 468.3     |
|                 | 12.5      | 29.4        | 28.3      |
| CA60            | 5.0       | 796.8       | 122.7     |
| PESO TOTAL (kg) |           |             |           |
| CA50            |           | 880.1       |           |
| CA60            |           | 122.7       |           |

Volume de concreto (C-25) = 16.35 m³

Área de forma = 128.10 m²

**FNDE** Fundo Nacional de Desenvolvimento da Educação

Ministério da Educação

### PROJETO PADRÃO - FNDE

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE COLATINA  
ENDEREÇO: RUA FORTUNATA TRENTO GALAZI, BAIRRO SÃO MIGUEL - COLATINA/ES  
MUNICÍPIO – UF: COLATINA - ESPÍRITO SANTO

PROPRIETÁRIO PREFEITURA MUNICIPAL DE COLATINA - CNPJ 27.165.729/0001-74

RESP. TÉCNICO

AUTOR DO PROJETO KAREN CRISTINA ALCANTARA KLEIN - ENGENHEIRA CIVIL E ELETRICISTA CREA 18296/D - DF

|      |      |
|------|------|
| DLFO | CREA |
|      | RA   |

OBSERVAÇÕES:

### PROGRAMA PROINFÂNCIA - PROJETO TIPO 1

#### PROJETO DE ESTRUTURA

|  |   |                   |
|--|---|-------------------|
| COORDENAÇÃO<br>CGEST - Coordenação<br>Geral de Infraestrutura<br>Educativa | FUNDAÇÃO DIRETA<br>OPÇÃO : FUNDAÇÃO SAPATAS<br>DETALHAMENTO DAS SAPATAS | SFS               |
| REVISÃO<br>R-01<br>R-02<br>R-03  | INDICADA<br>DATA EMISSÃO<br>OUTUBRO/2022                                | PRANCHIA<br>04/19 |