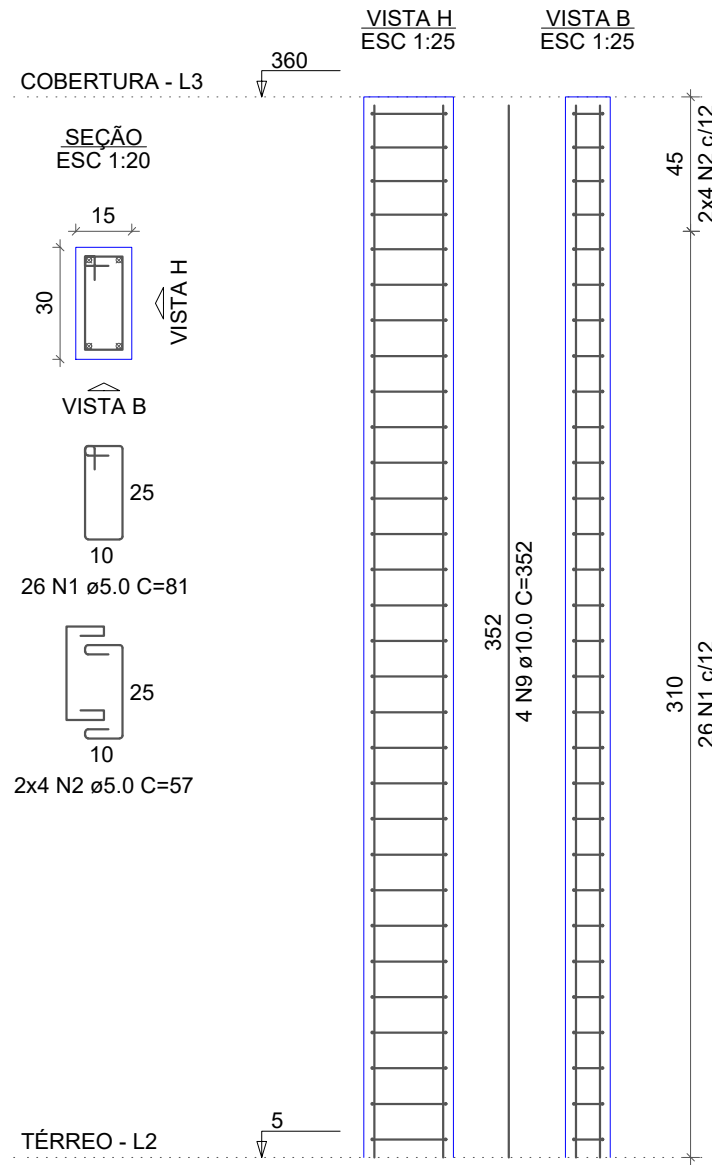
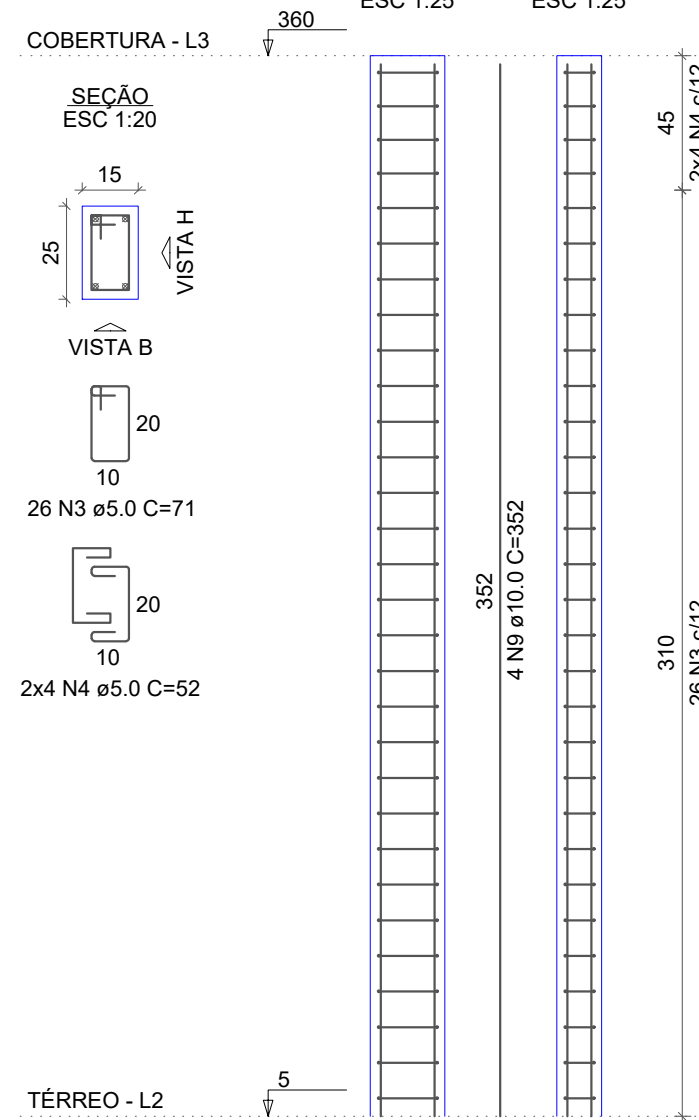


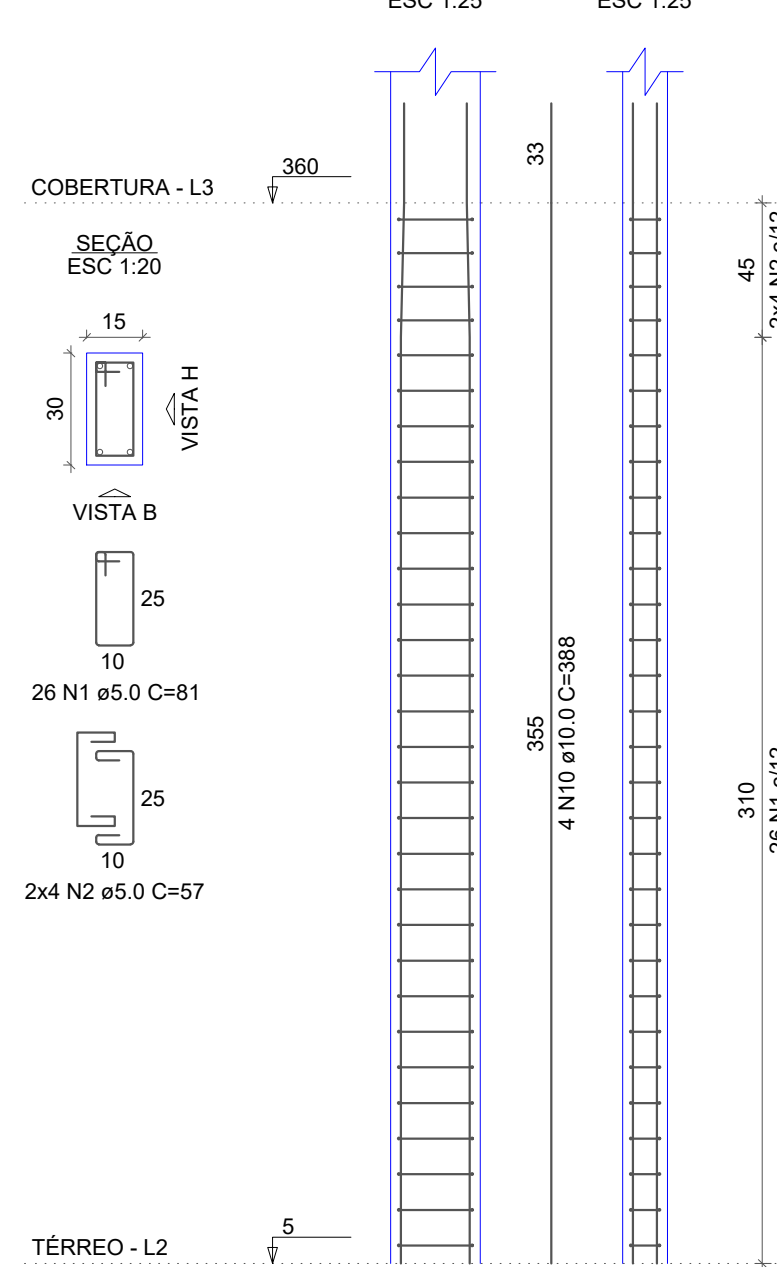
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=P20



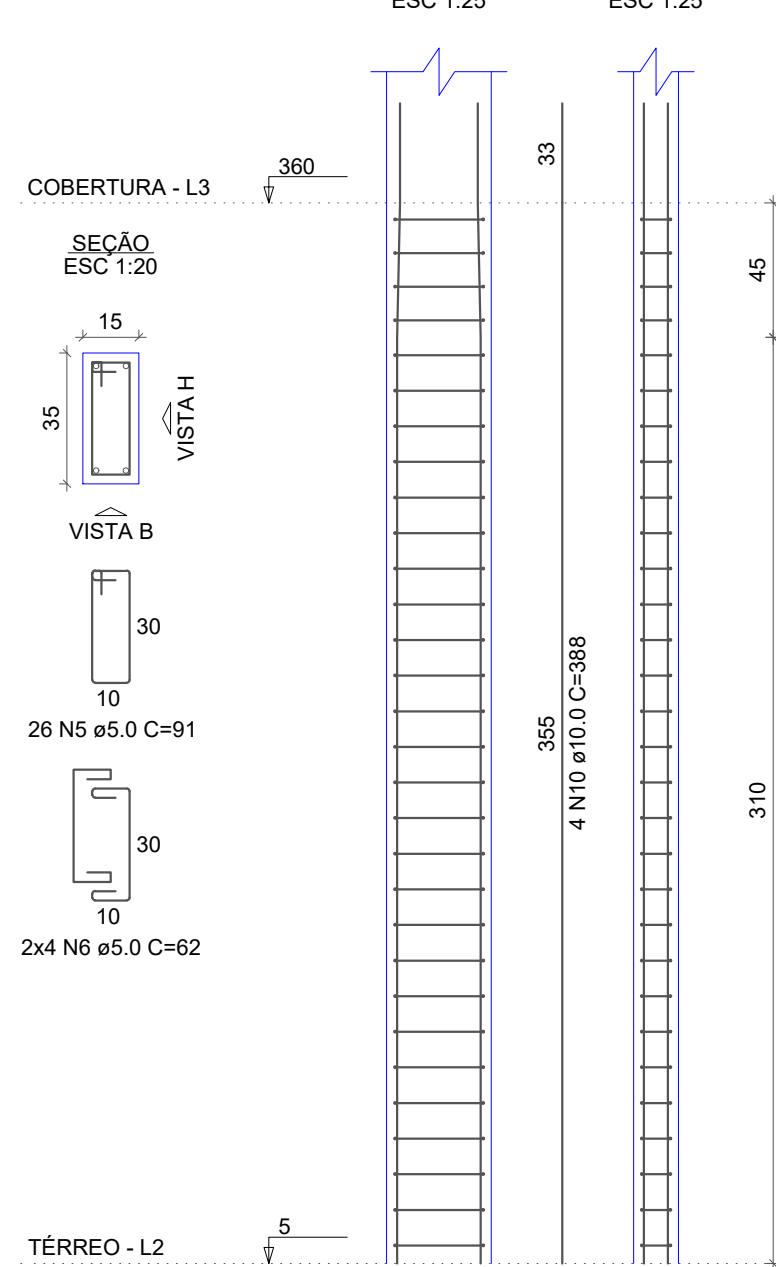
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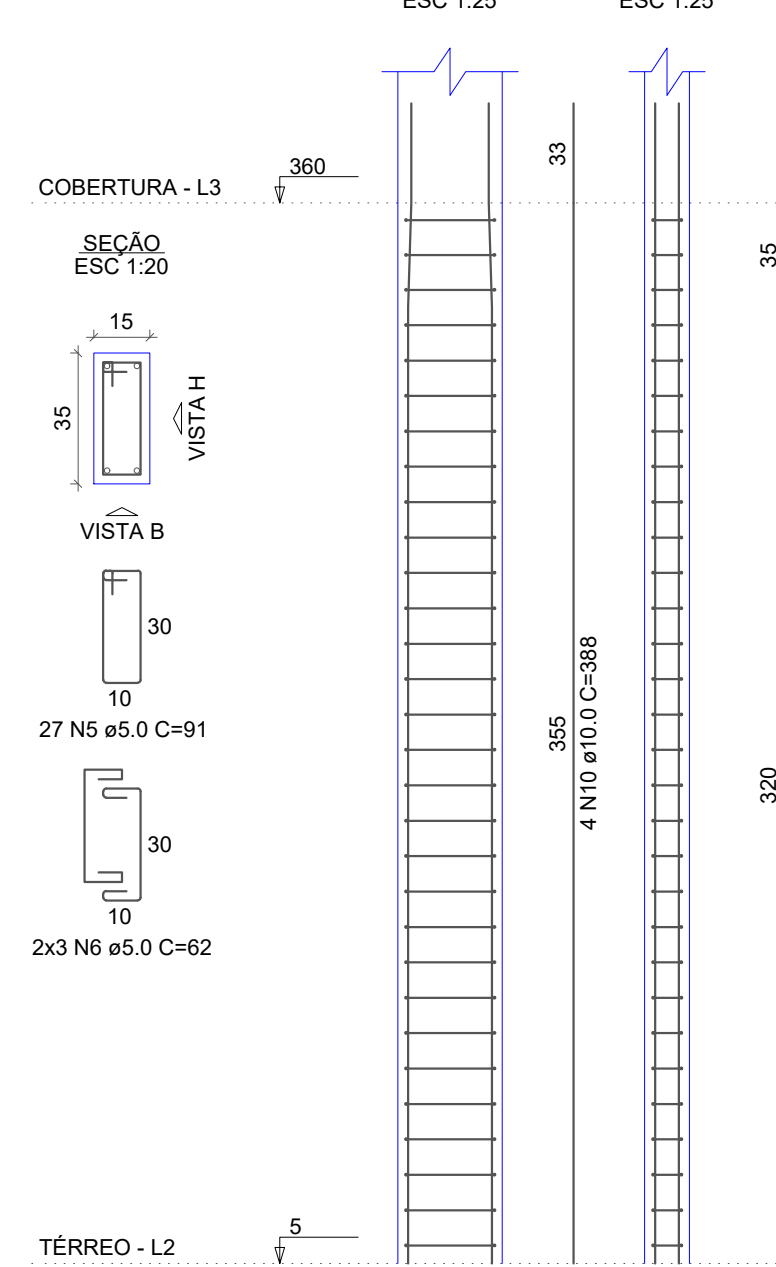
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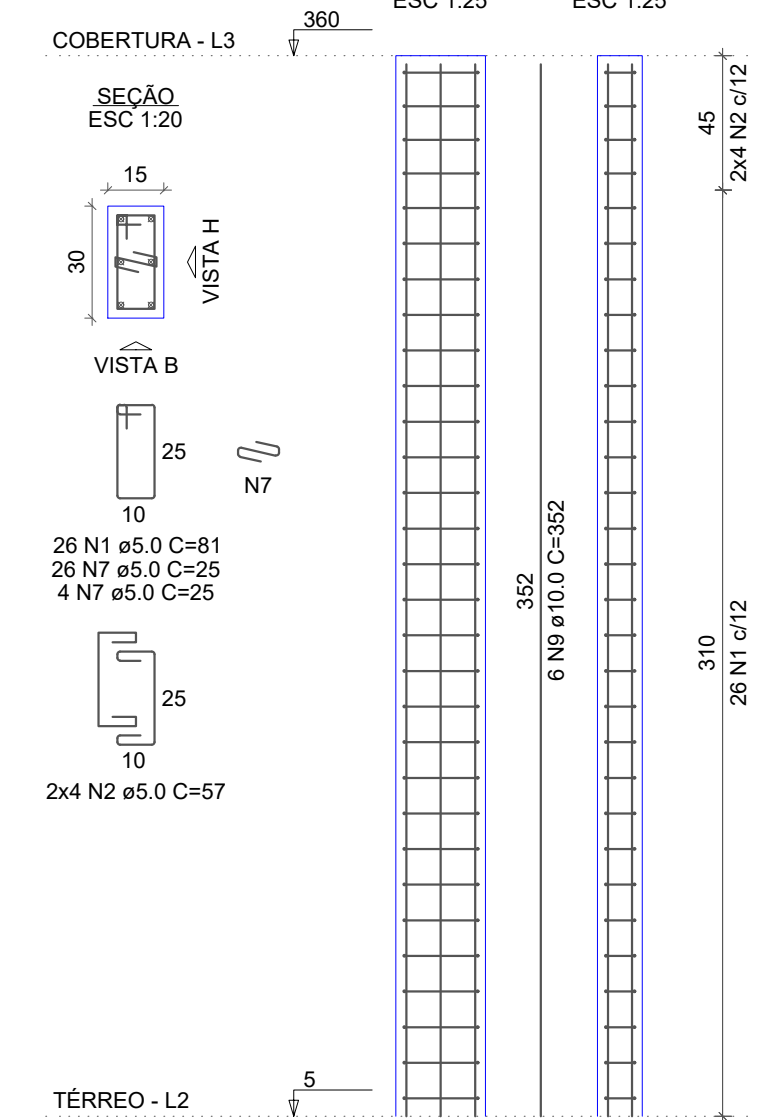
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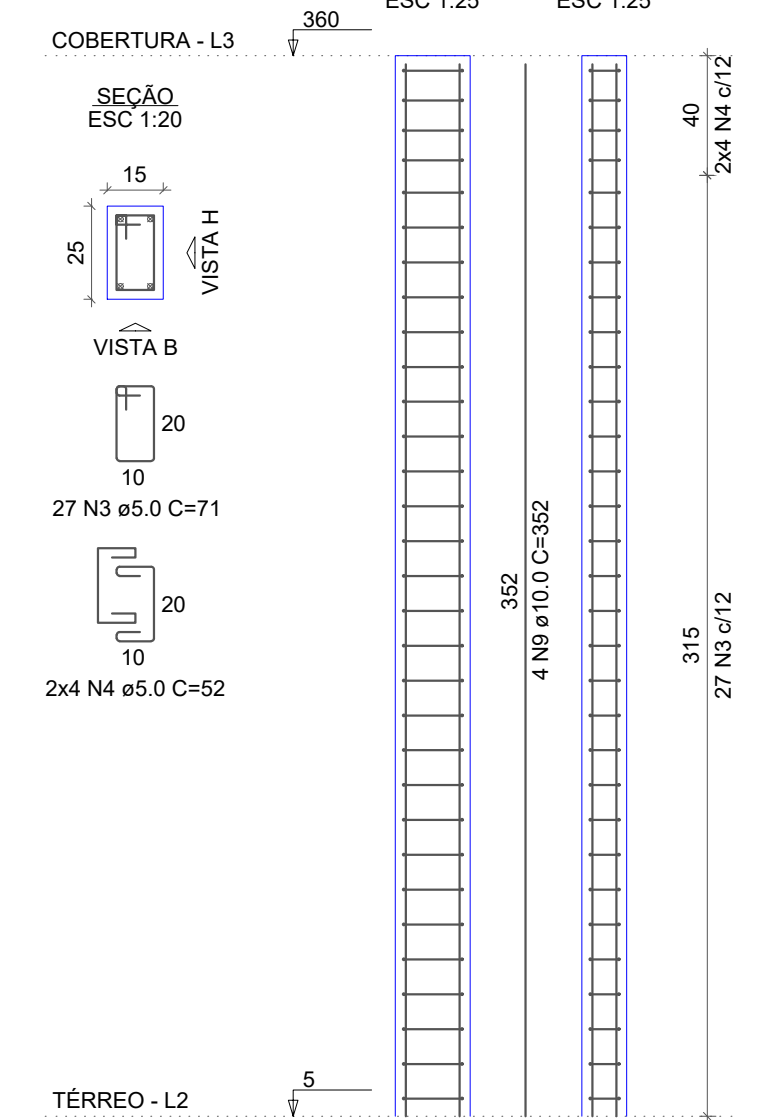
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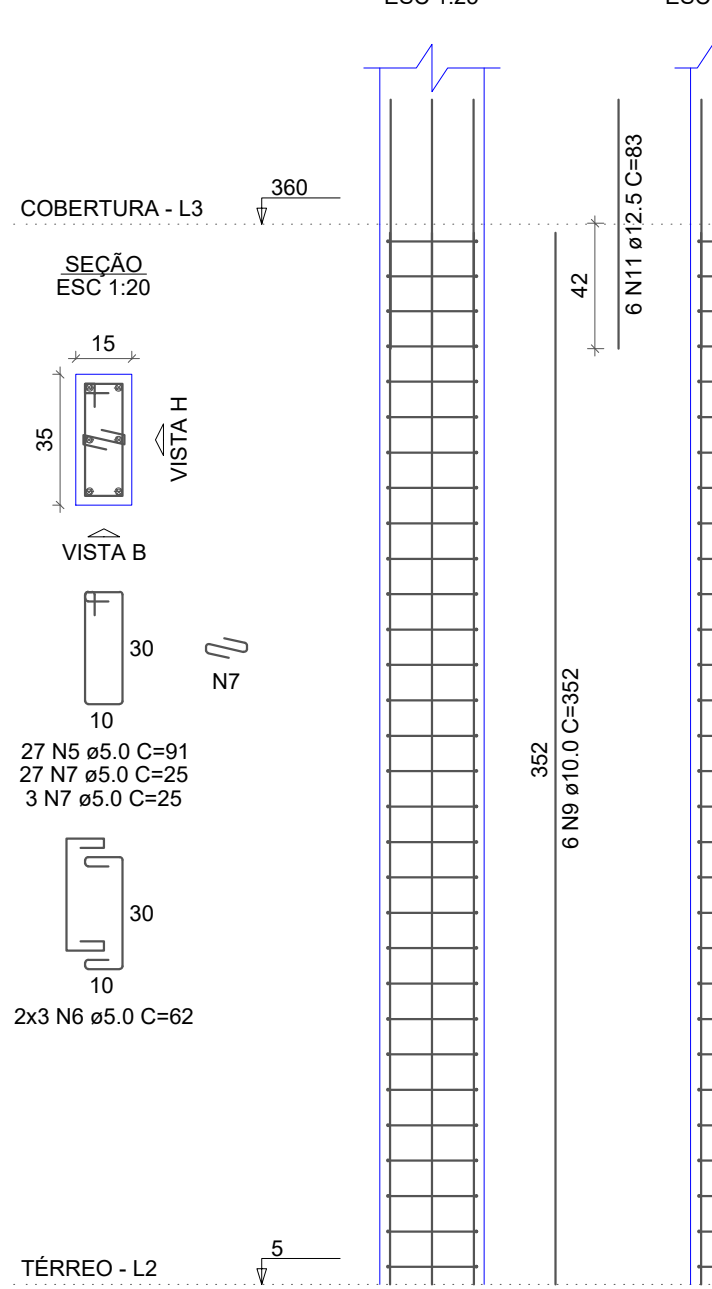
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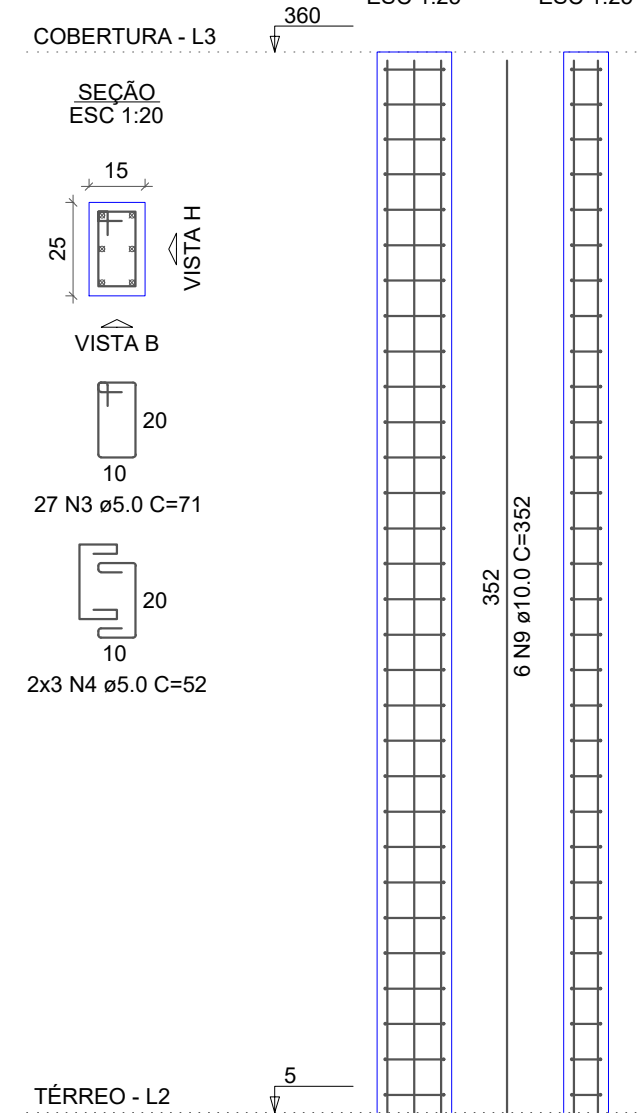
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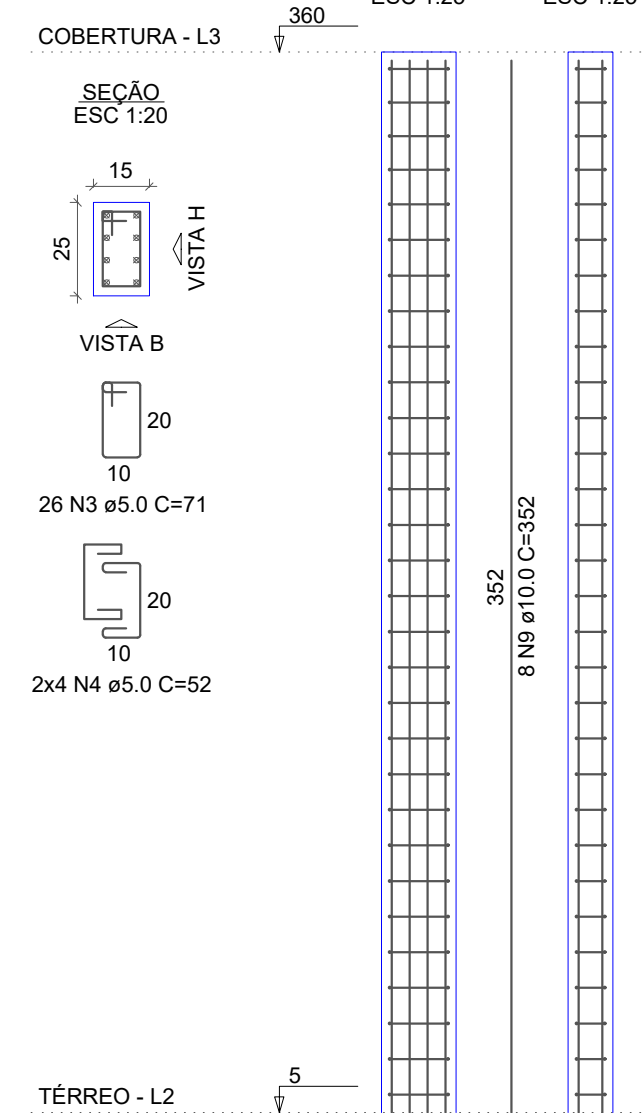
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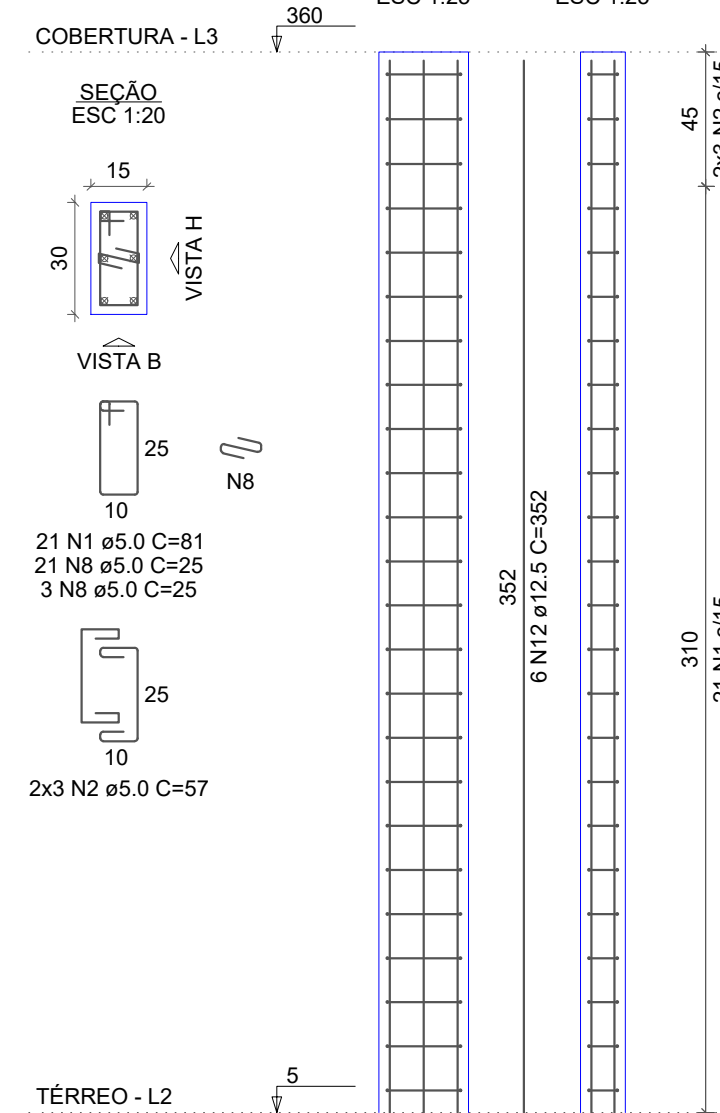
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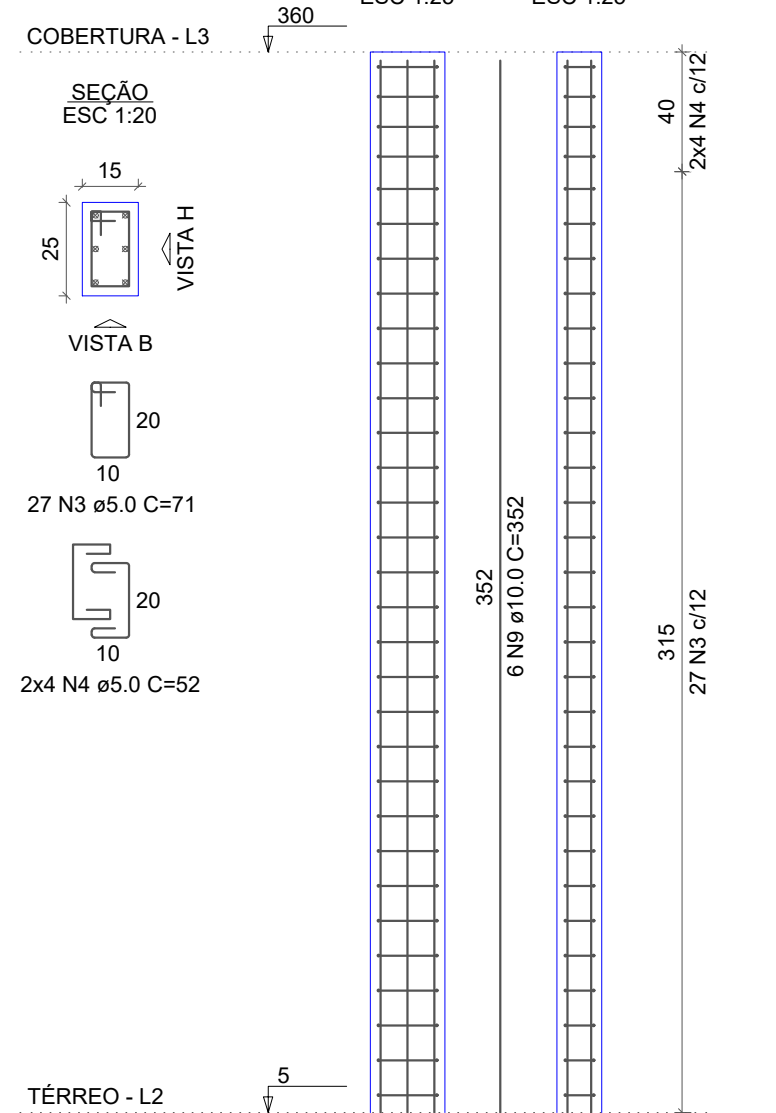
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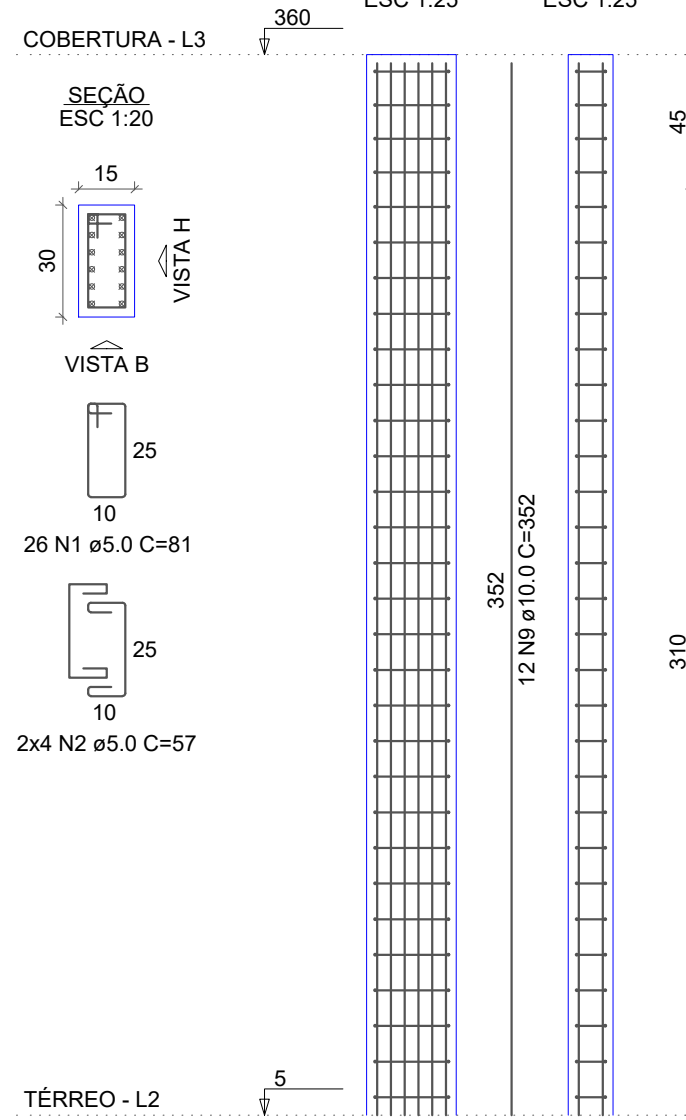
P16



P17



P19



RELAÇÃO DO AÇO

| AÇO  | N  | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|------|----|-----------|-------|-------------|--------------|
| CA60 | 1  | 5.0       | 281   | 81          | 22761        |
|      | 2  | 5.0       | 88    | 57          | 4902         |
|      | 3  | 5.0       | 159   | 71          | 11289        |
|      | 4  | 5.0       | 46    | 52          | 2392         |
|      | 5  | 5.0       | 80    | 91          | 7260         |
| CA50 | 6  | 5.0       | 20    | 62          | 1240         |
|      | 7  | 5.0       | 60    | 25          | 1500         |
|      | 8  | 5.0       | 24    | 25          | 600          |
|      | 9  | 10.0      | 84    | 352         | 29568        |
|      | 10 | 10.0      | 12    | 388         | 4656         |
|      | 11 | 12.5      | 6     | 83          | 498          |
|      | 12 | 12.5      | 6     | 352         | 2112         |

RESUMO DO AÇO

| AÇO  | DIAM (mm) | C.TOTAL (m) | QUANT + 10% (Barras) | PESO + 10% (kg) |
|------|-----------|-------------|----------------------|-----------------|
| CA50 | 10.0      | 342.2       | 32                   | 232.1           |
| CA60 | 12.5      | 26.1        | 3                    | 27.7            |
| CA60 | 5.0       | 519.6       | -                    | 88.1            |

PESO TOTAL (kg)

|      |       |
|------|-------|
| CA50 | 259.8 |
| CA60 | 88.1  |

Volume de concreto (C-30) = 3.12 m³  
Área de forma = 62.84 m²

PMSJ.

DESENVOLVIMENTO E GERENCIAMENTO

GABINETE DO DEPUTADO  
MARCUS MACHADO



RUA. MINISTRO PEDRO DE TOLEDO, 218 SALA 01  
CORAL - LAGES - SC CEP - 88509-520  
FONE: (49) 0000-0000

PROJETO:  
PROJETO ESTRUTURAL

RESPONSÁVEL TÉCNICO:  
CRISTINA M. MAZIEIRO DE LIZ  
TÉC. EDIFICAÇÕES

CFT 069.580.549-54

PROPRIETÁRIO DO EMPREENDIMENTO:  
PREFEITURA DE OTACÍLIO COSTA

AV. LAÉLIO CORDOVA - CENTRO

CREA-SC 115469-2

75.326.066/0001-75  
(INEP-CNPJ)

CONTEÚDO:  
PILARES, NÍVEL 360

OBS.:  
CLÍNICA DE HIDROTERAPIA  
ÁREA DE EDIFICAÇÃO: 187,70 m²  
DESENVOLVIMENTO:  
MICHELE PILAR APPOLINARIO - ENGº CIVIL

DATA:  
DEZ  
2021

Nº DO DESENHO:  
EST  
05-13