

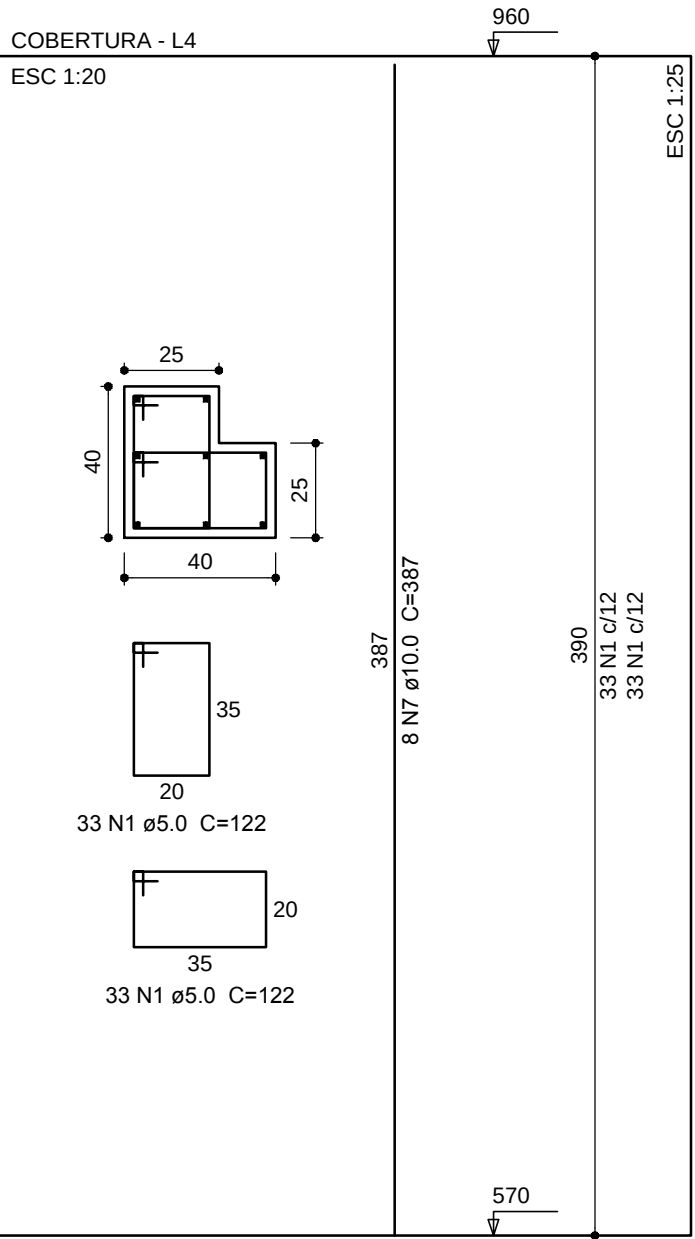
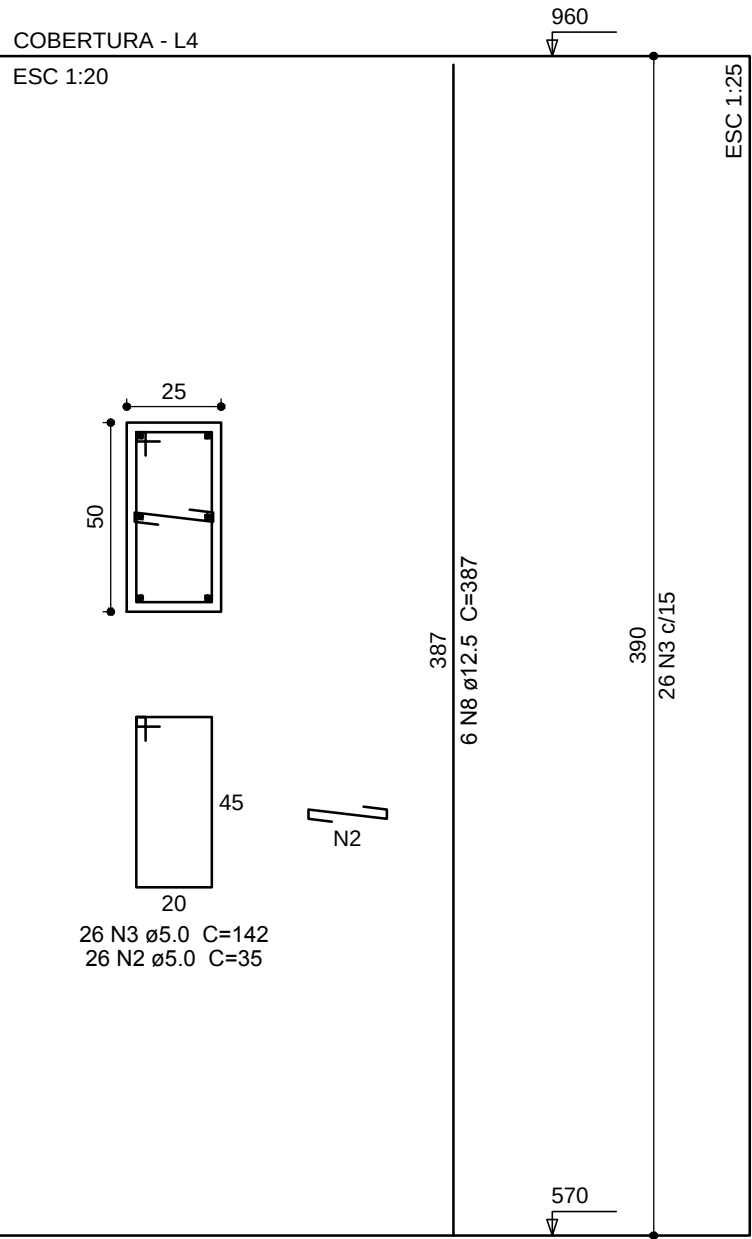
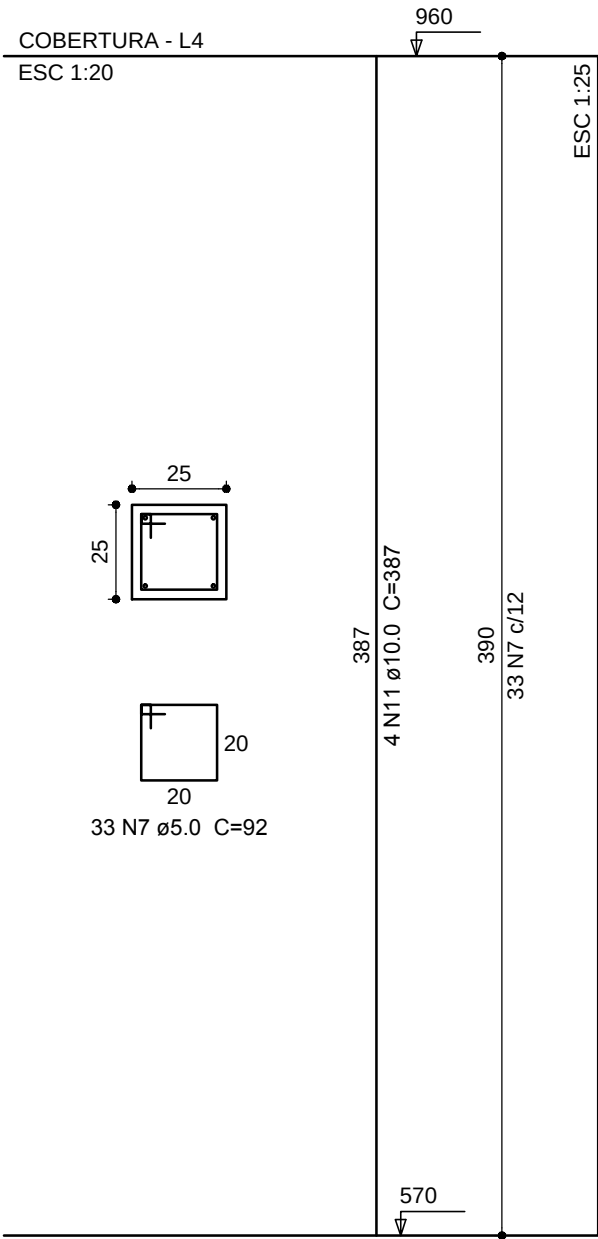
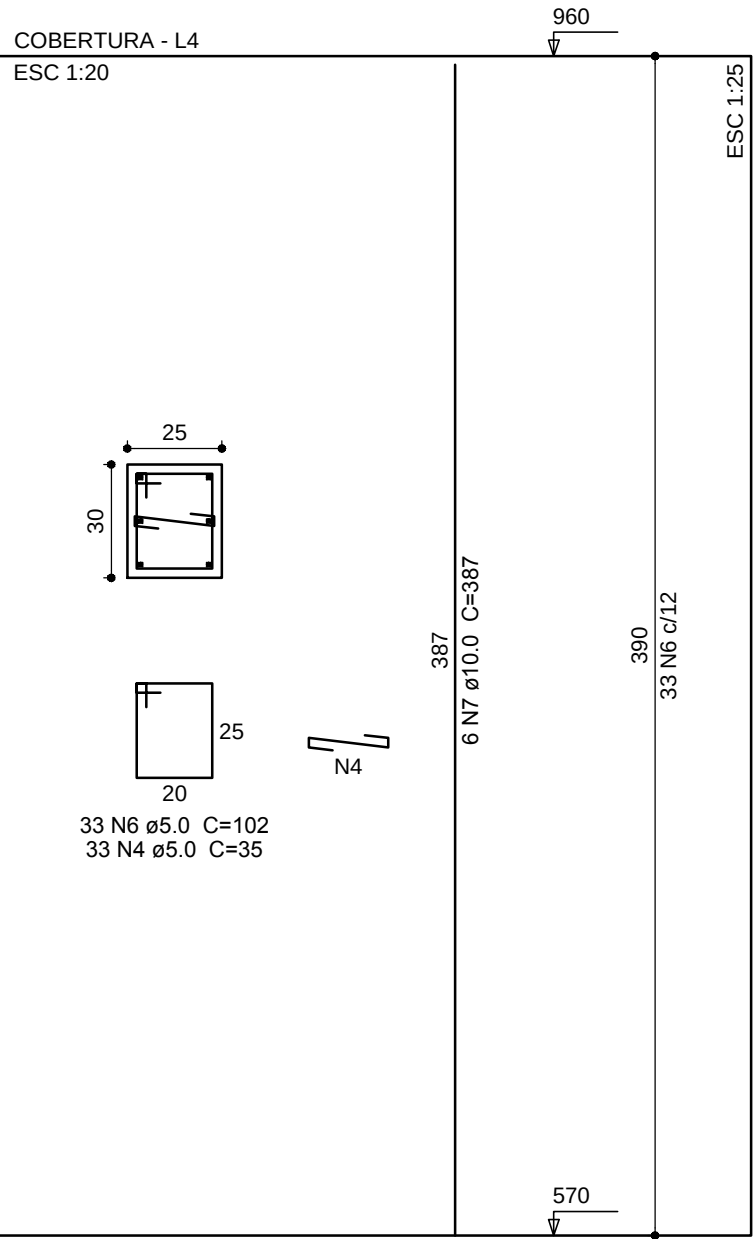
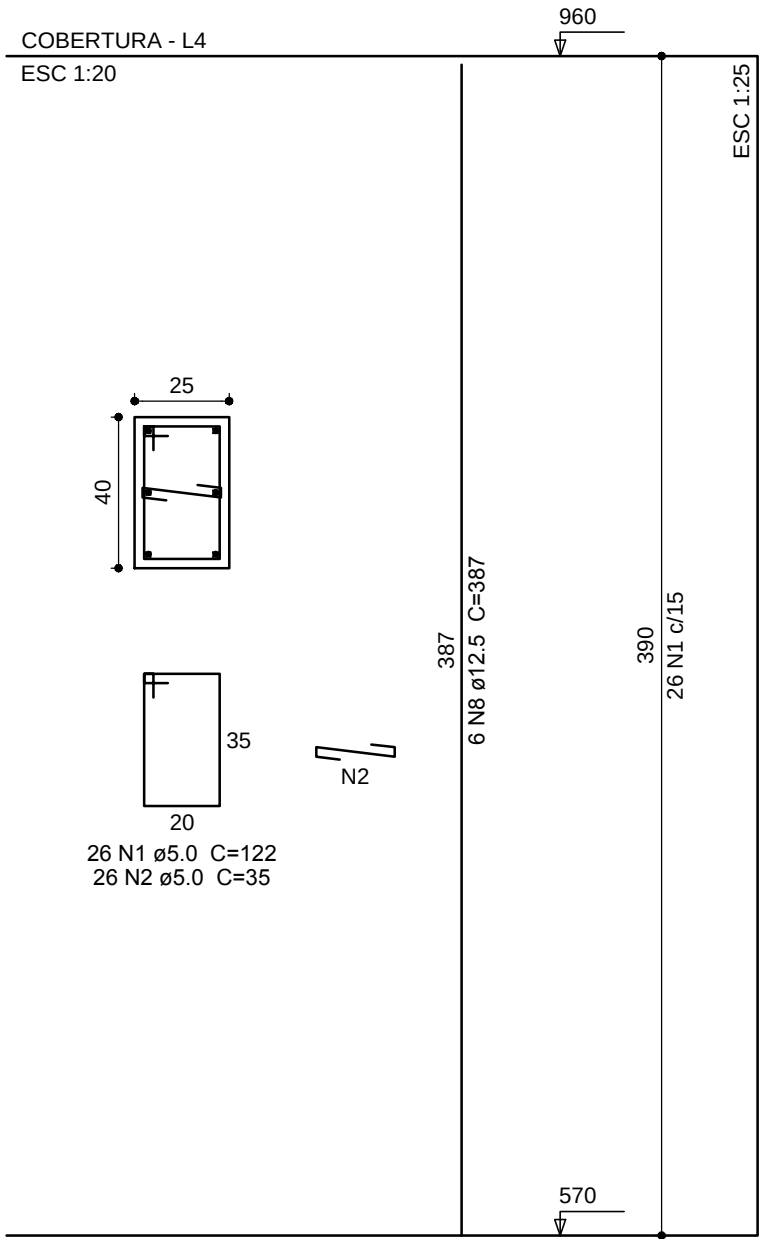
P1=P3=P4=P7=P11=P12=P14=P17=P20=P21  
P22=P23=P25=P26=P28=P29=P30=P31=P32  
P33=P34=P35=P36=P38=P39=P40=P41=P42  
P43=P48=P50

P5

P19

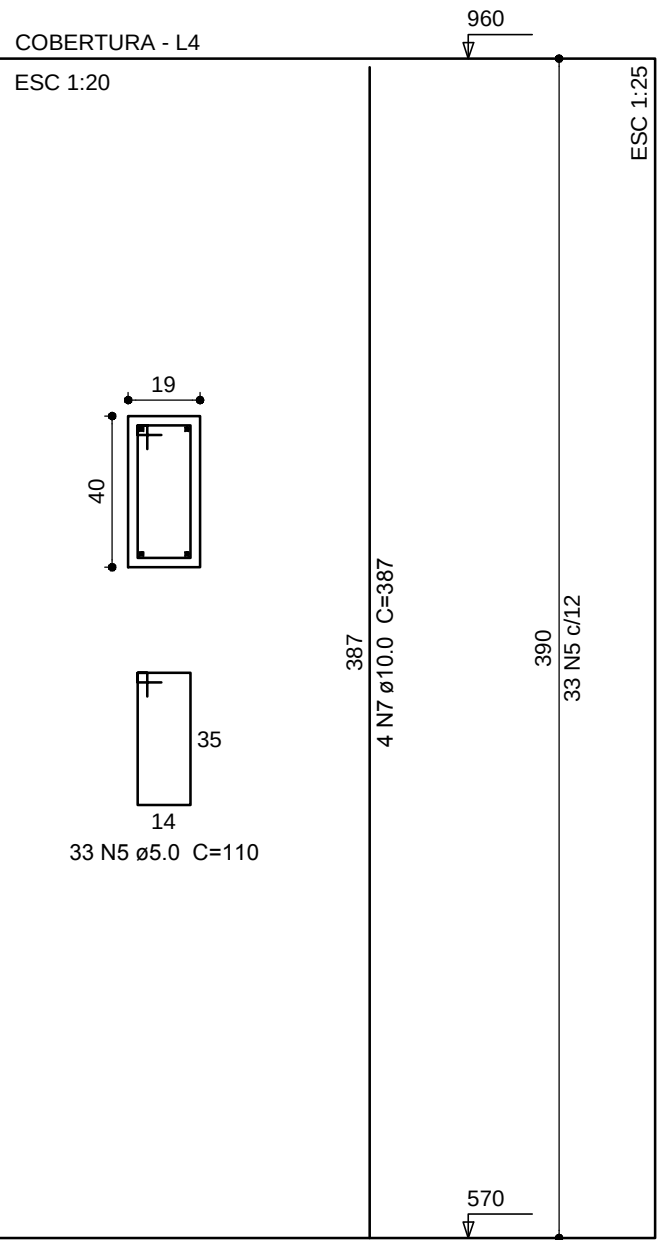
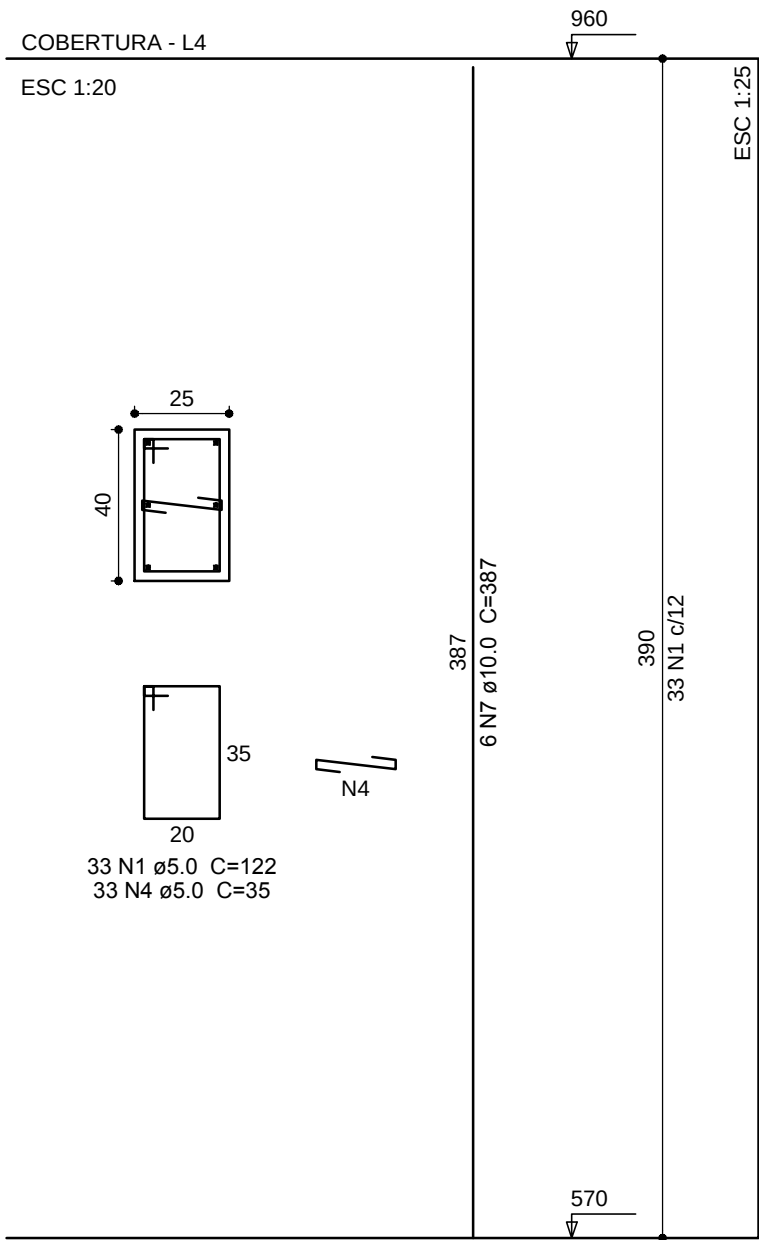
P13=P15

P24



P37=P49

P44=P45=P46=P47



| Resumo do aço   |           |             |                  |
|-----------------|-----------|-------------|------------------|
| AÇO             | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
| CA50            | 10.0      | 162.6       | 110.2            |
| CA50            | 12.5      | 766.3       | 812              |
| CA60            | 5.0       | 1732.1      | 293.7            |
| PESO TOTAL (kg) |           |             |                  |
| CA50            | 922.2     |             |                  |
| CA60            | 293.7     |             |                  |

Volume de concreto (C-25) = 15.86 m³  
Área de forma = 207.95 m²



PREFEITURA MUNICIPAL DE DOIS IRMÃOS

RUA BERLIM Nº240 - CENTRO (XXXI) 3564-12-77

SECRETARIA MUNICIPAL DE PLANEJAMENTO E HABITAÇÃO

OBRA  
EMERGÊNCIA HOSPITAL SÃO JOSÉ

ÁREA  
492,97m²

TIPO/ASSUNTO  
PILARES DO LANCE 03  
ENTREPISO ATÉ COBERTURA

PROJETO  
CLEBER SCHNEIDER

DATA  
OUTUBRO/2015

RESPONSÁVEL TÉCNICO PROJETO:

ESCALA  
1/50

FOLHA  
E-19

CLEBER LEANDRO SCHNEIDER - ENGº CIVIL - CREA/RS 122.575

OBSERVAÇÕES:  
1- CONCRETO FCK = 25MPa USINADO.  
2- VERIFICAR NÍVEIS E ALTURAS "IN LOCO".