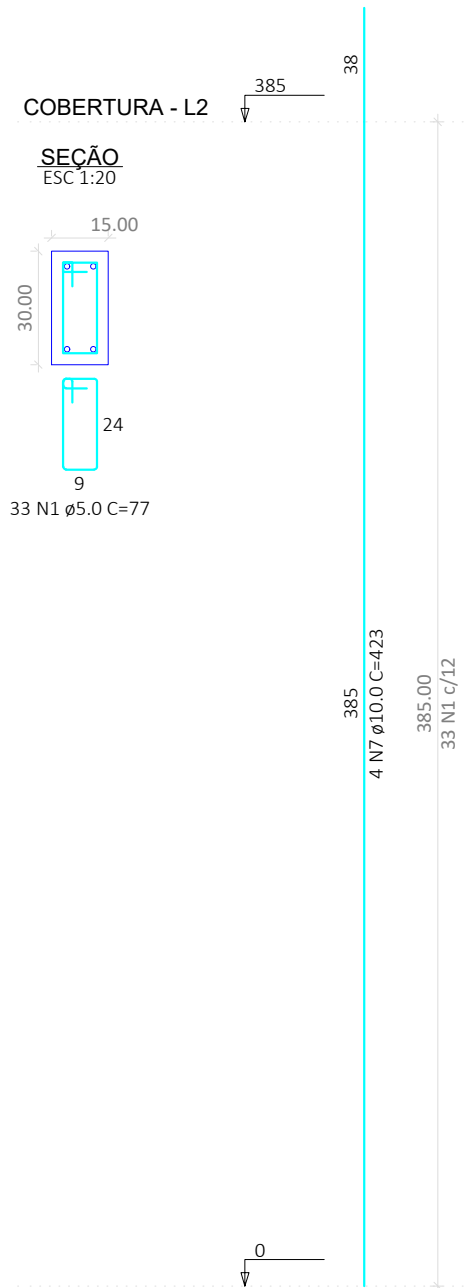
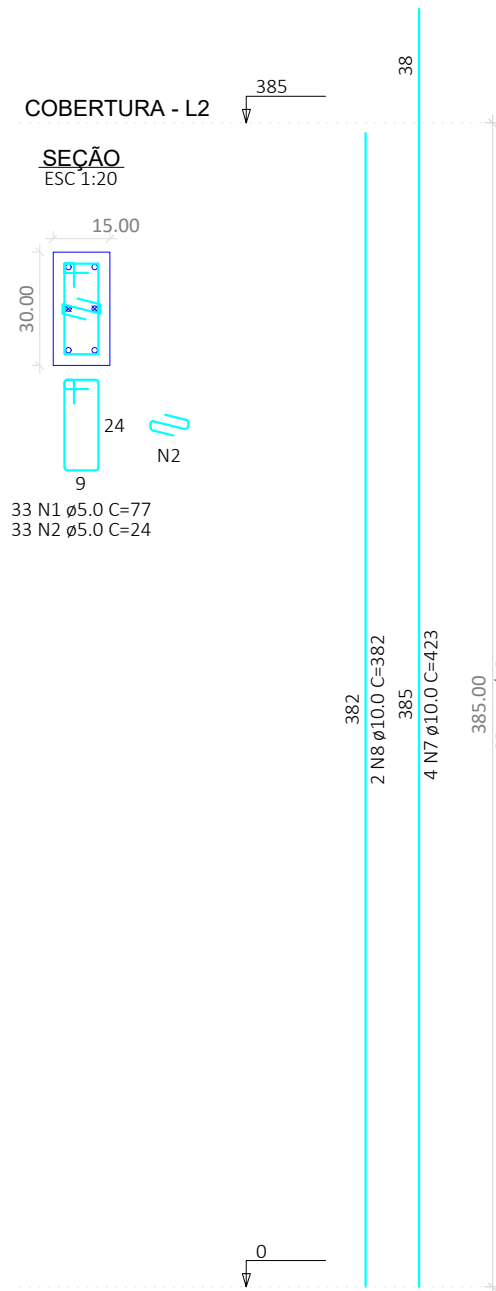


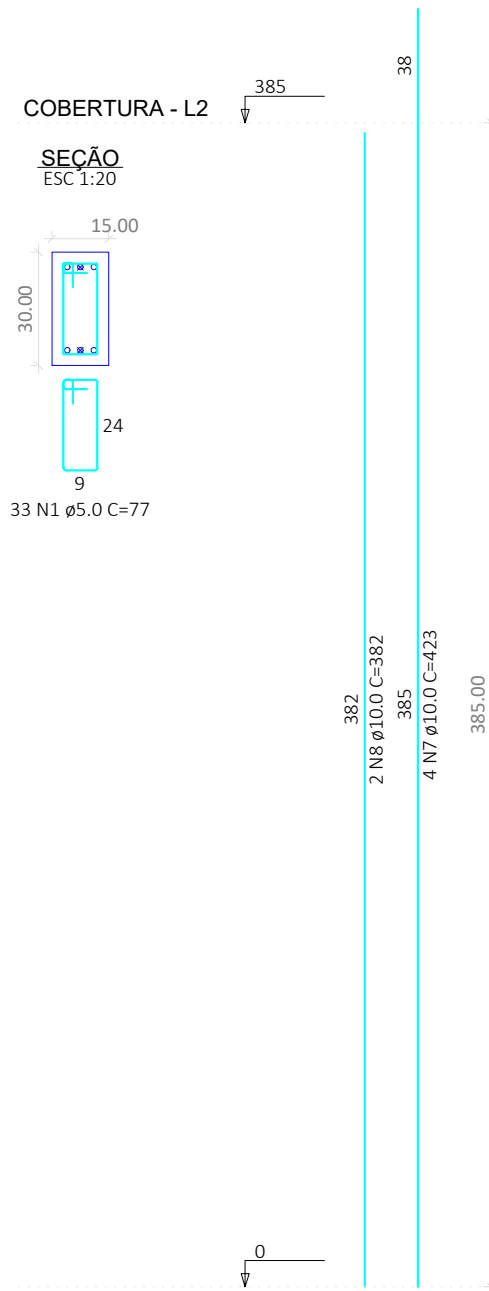
P1=P2=P3=P4=P9=P24=  
=P28=P29=P33=P34=  
=P35



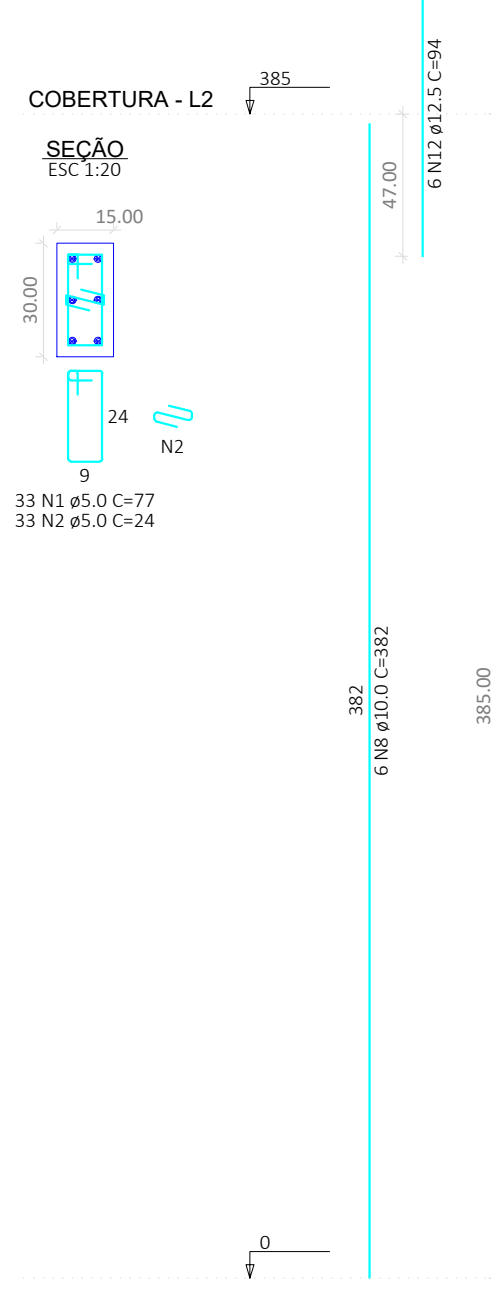
P5=P7=P45



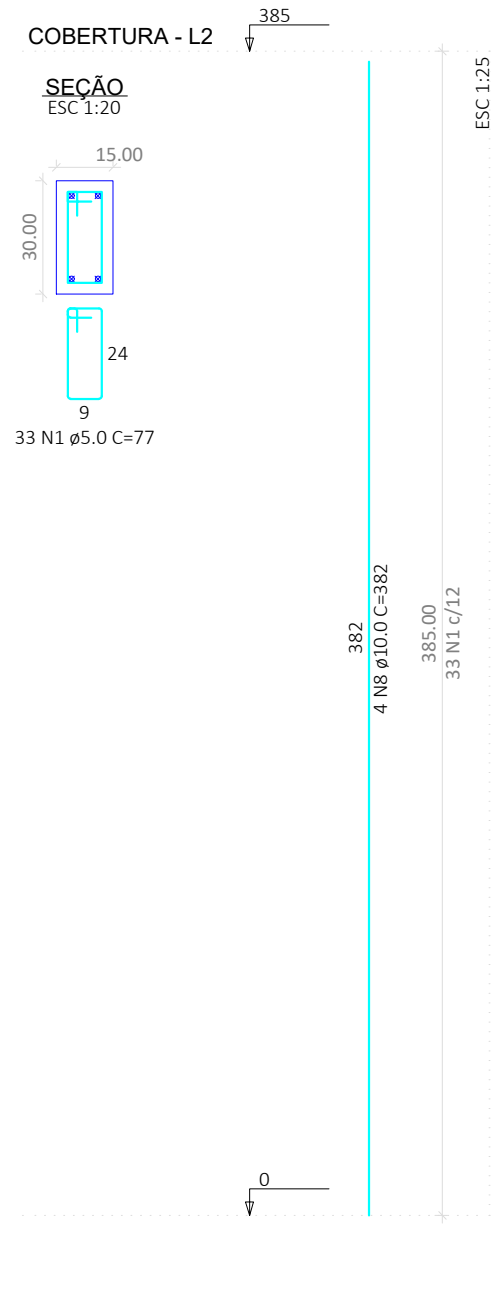
P6=P30=P31



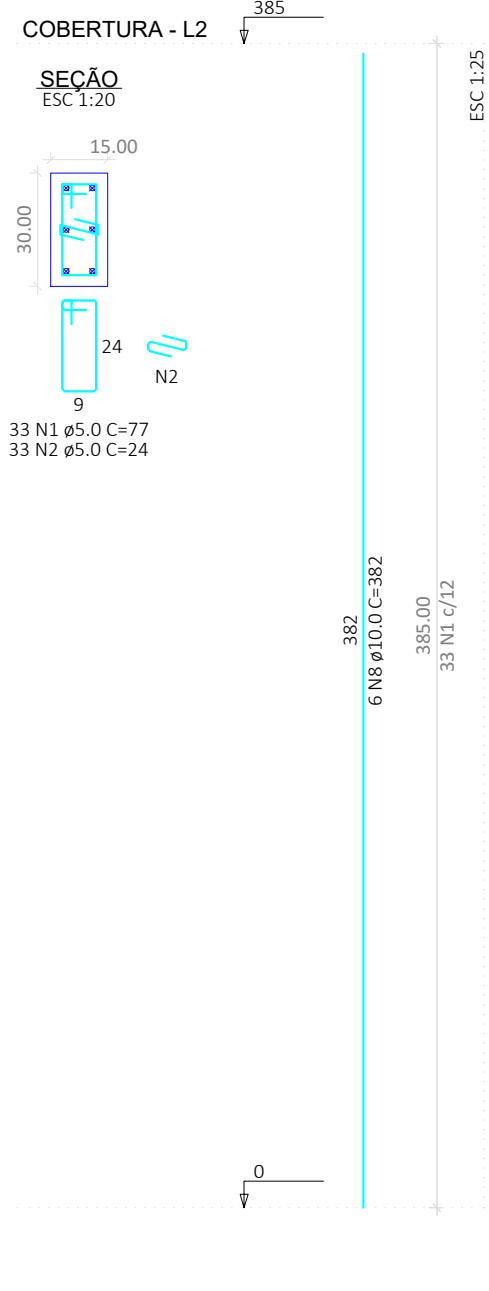
P8



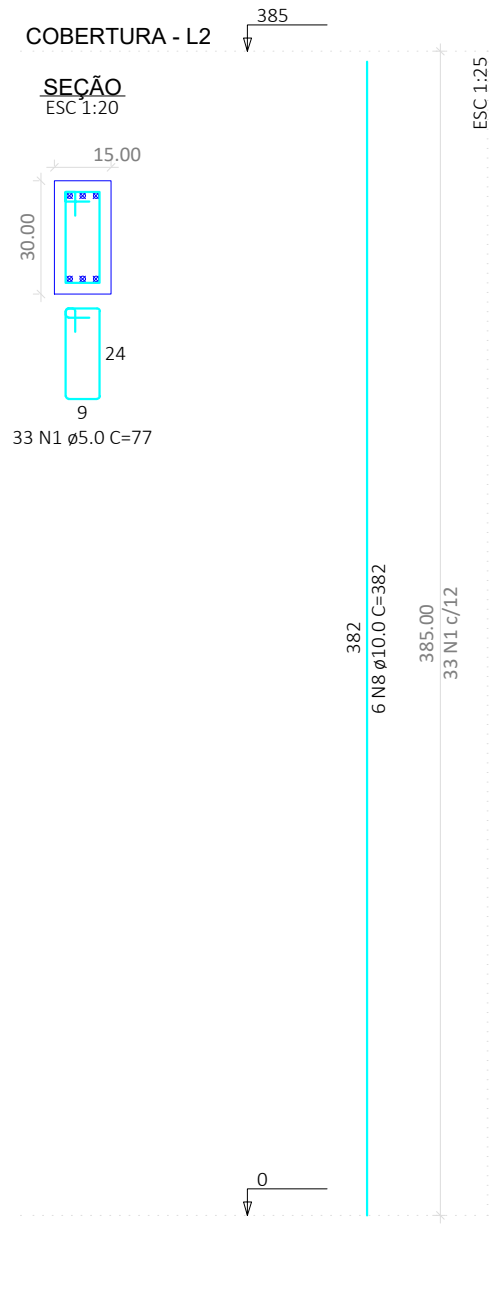
P10=P11=P12=P19



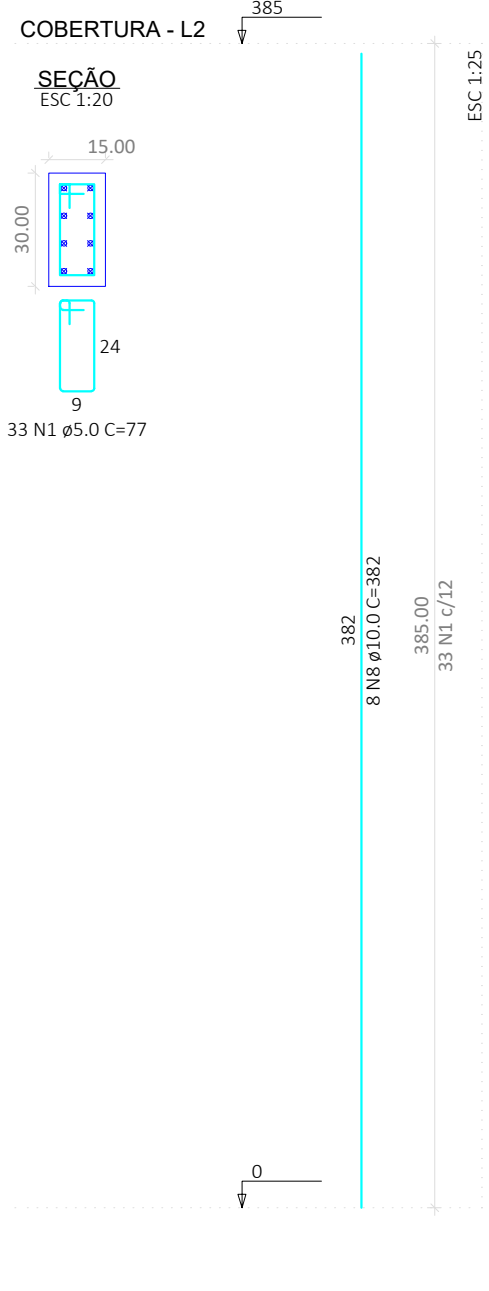
P13



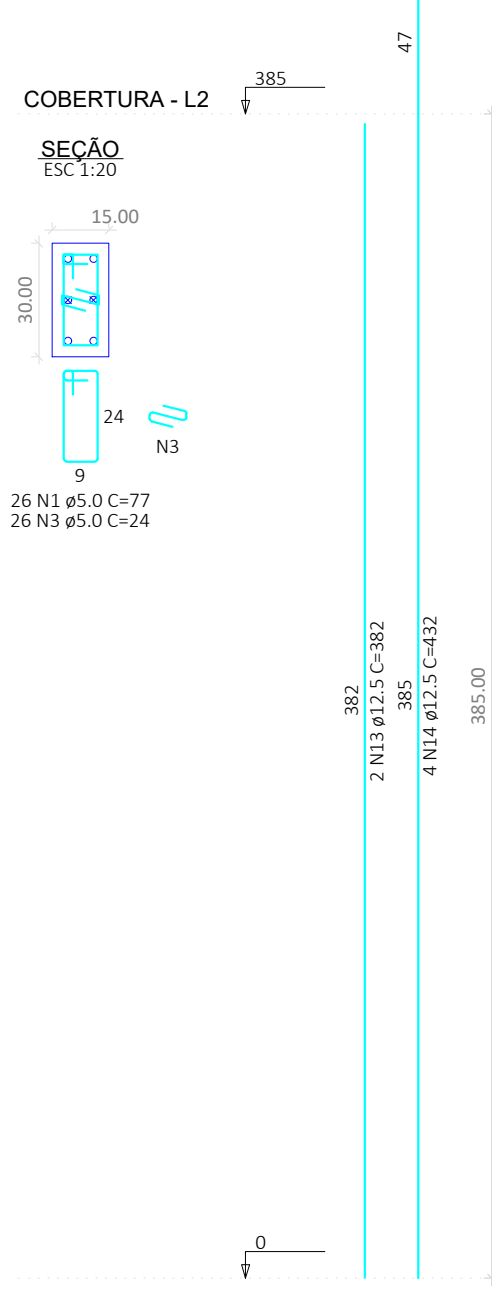
P14=P20=P22=P23



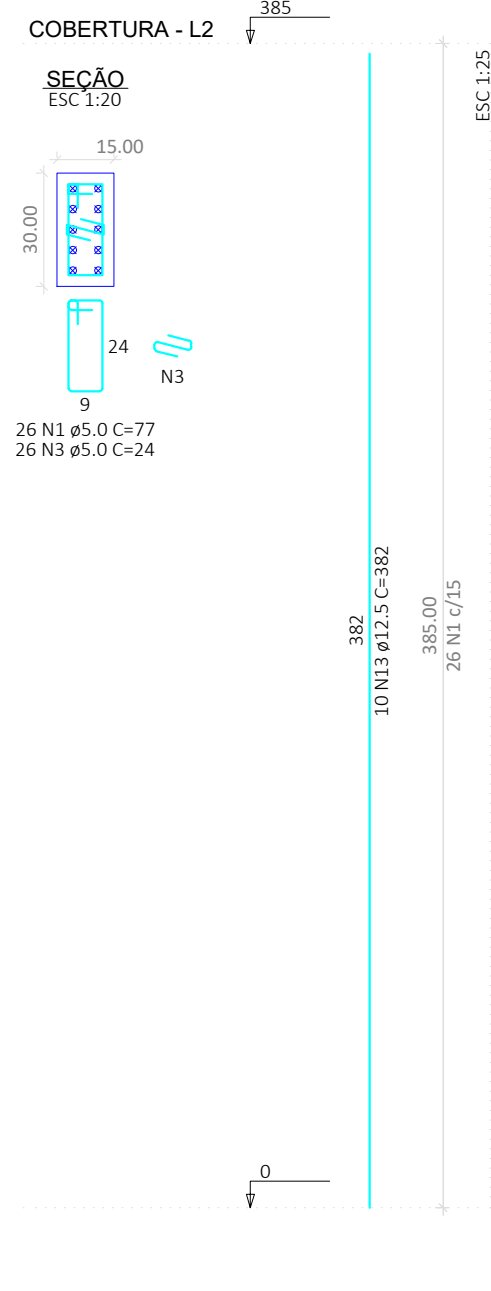
P15=P37



P16=P26



P17

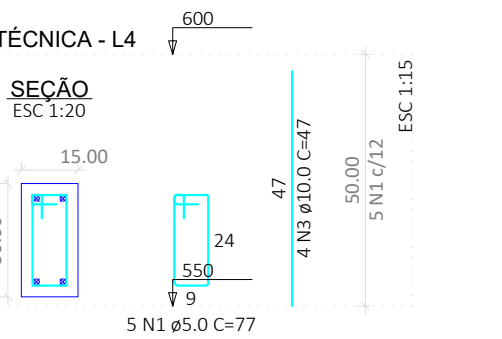


RELAÇÃO DO AÇO					
13xP1-L3	11xP1-L2	3xP5-L2			
3xP6-L2	2xP13-L3	2xP14-L2			
4xP10-L2	2xP15-L2	2xP16-L2			
2xP17-L2	2xP18-L2	2xP19-L2			
P18-L2	P21-L2	P25-L2			
P27-L3	P27-L2	11xP28-L3			
4xP32-L2	P36-L2	P38-L2			
P39-L2	P40-L2	P41-L2			
P42-L2	P46-L2	2xP47-L2			
P48-L2					

ACO	N	DIAM (mm)	QUANT (m)	C.UNIT (cm)	C.TOTAL (cm)
CASO	1	5.0	1915	77	147455
	2	5.0	231	24	5544
	3	5.0	141	24	3384
	4	5.0	47	87	4089
	5	5.0	33	29	957
	6	10.0	56	162	9072
	7	10.0	122	42	5106
	8	10.0	126	382	48132
	9	10.0	48	203	9744
	10	10.0	24	75	1800
	11	12.5	6	162	972
	12	12.5	6	94	564
	13	12.5	42	382	16044
	14	12.5	12	432	5184
	15	16.0	4	382	1528

Volume de concreto (C-25) = 10.68 m³  
Área de forma = 212.41 m²

P27=P28=P29=P30=P31=  
=P32=P33=P34=P36=P42=  
=P44=P45=P46=P47=P48=  
=P49=P50

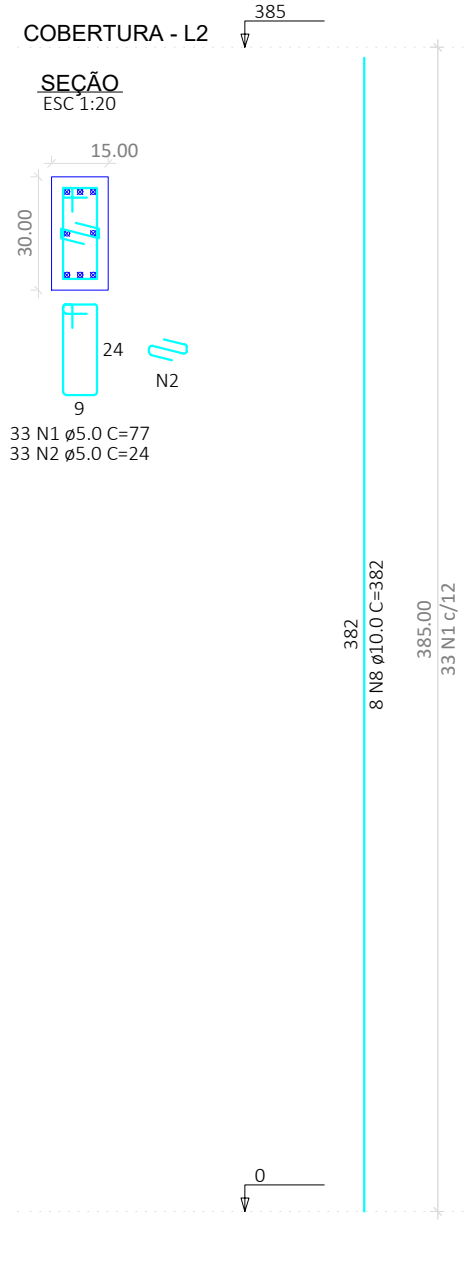


RELAÇÃO DO AÇO					
17xP27-L4	4xP32-L3	P43-L3			
P42-L3					

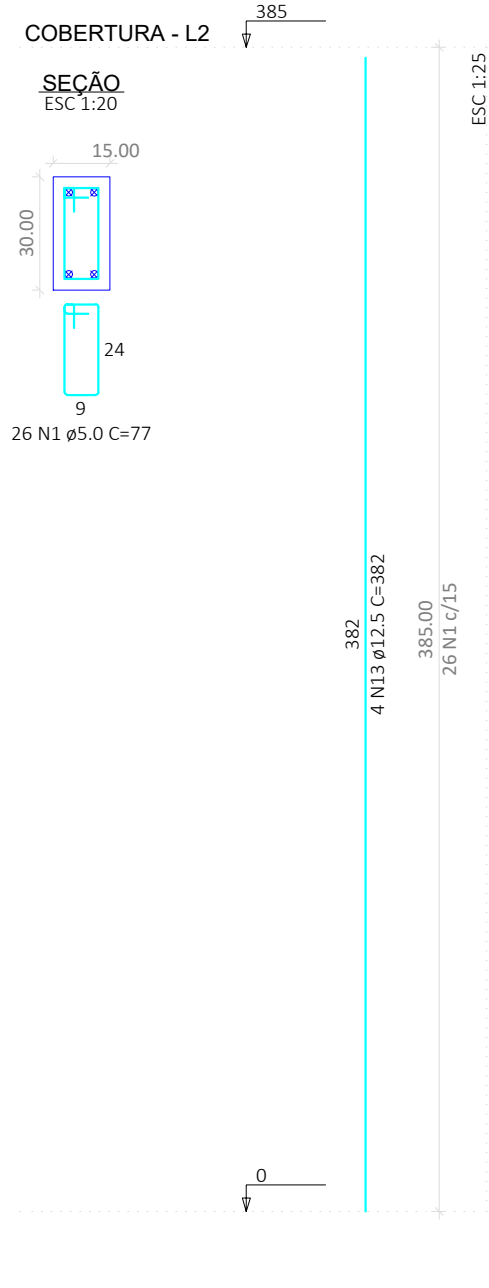
ACO	N	DIAM (mm)	QUANT (m)	C.UNIT (cm)	C.TOTAL (cm)
CASO	1	5.0	183	77	14091
	2	5.0	28	24	672
	3	5.0	68	47	3186
	4	10.0	34	162	5508
	5	10.0	20	203	4060

Volume de concreto (C-25) = 0.90 m³  
Área de forma = 18.05 m²

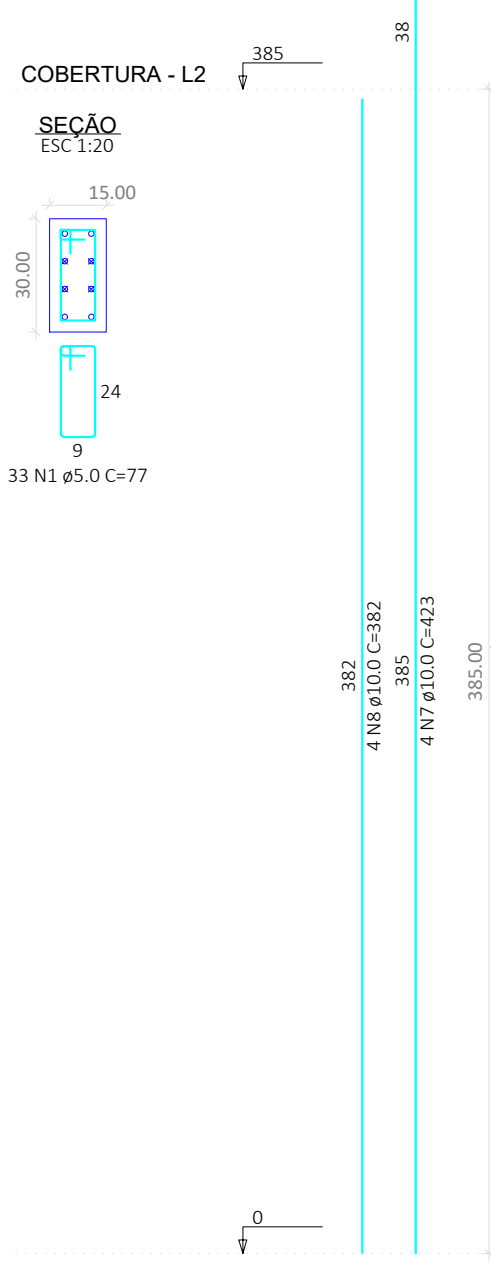
P18



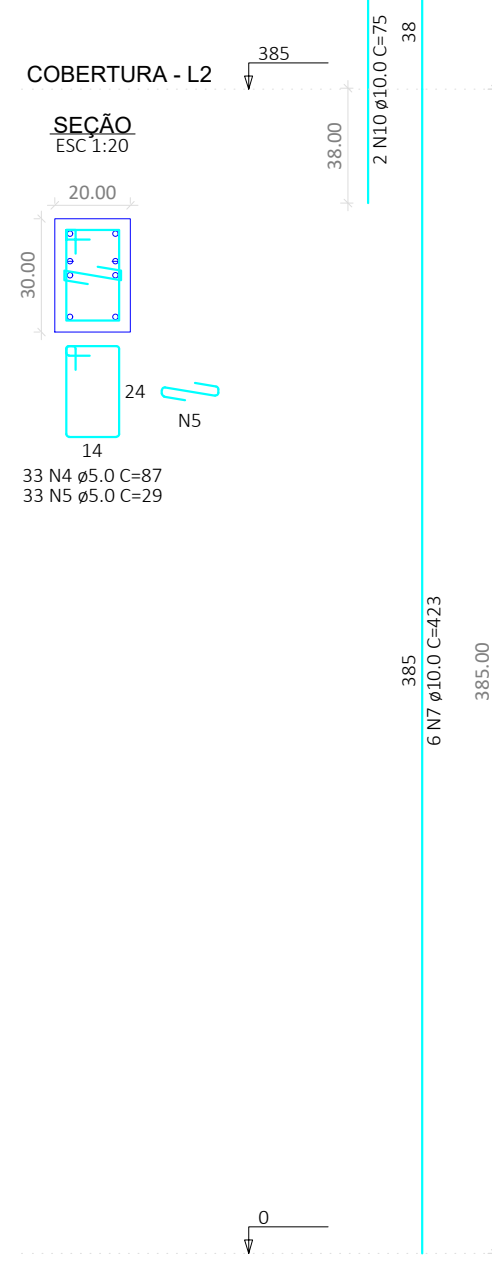
P21



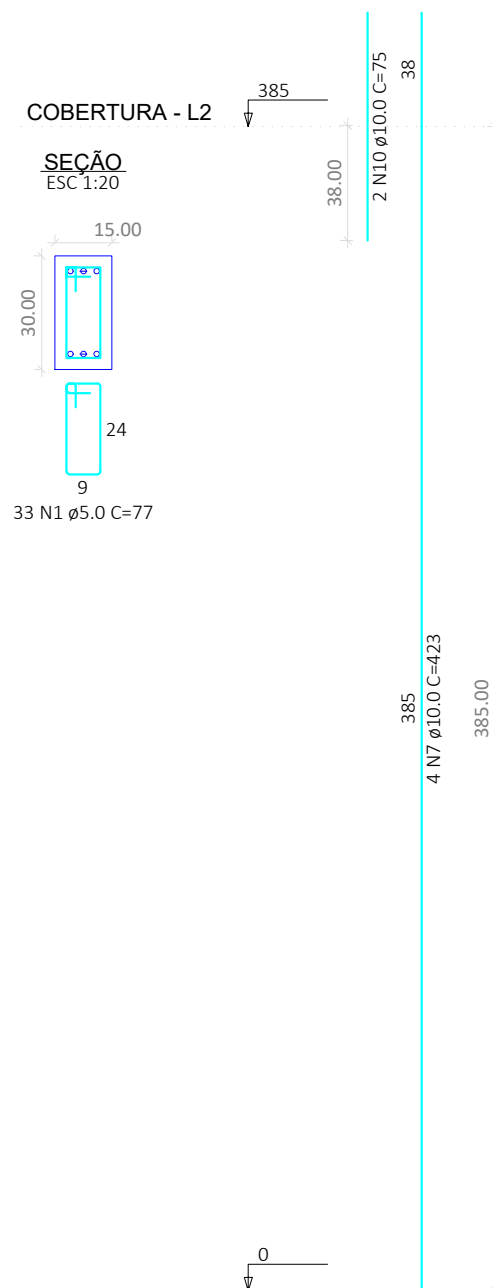
P25



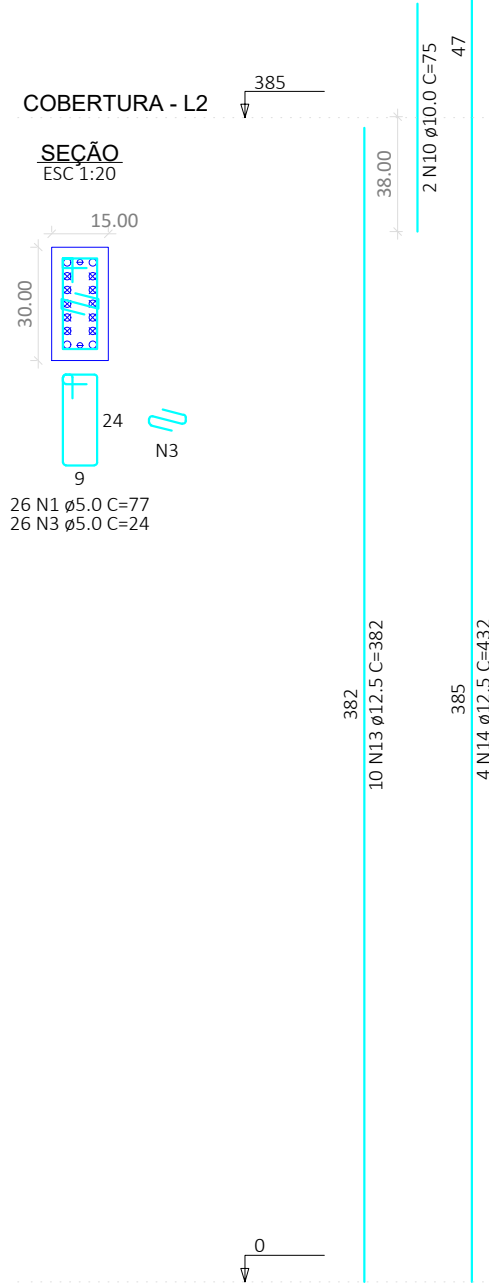
P27



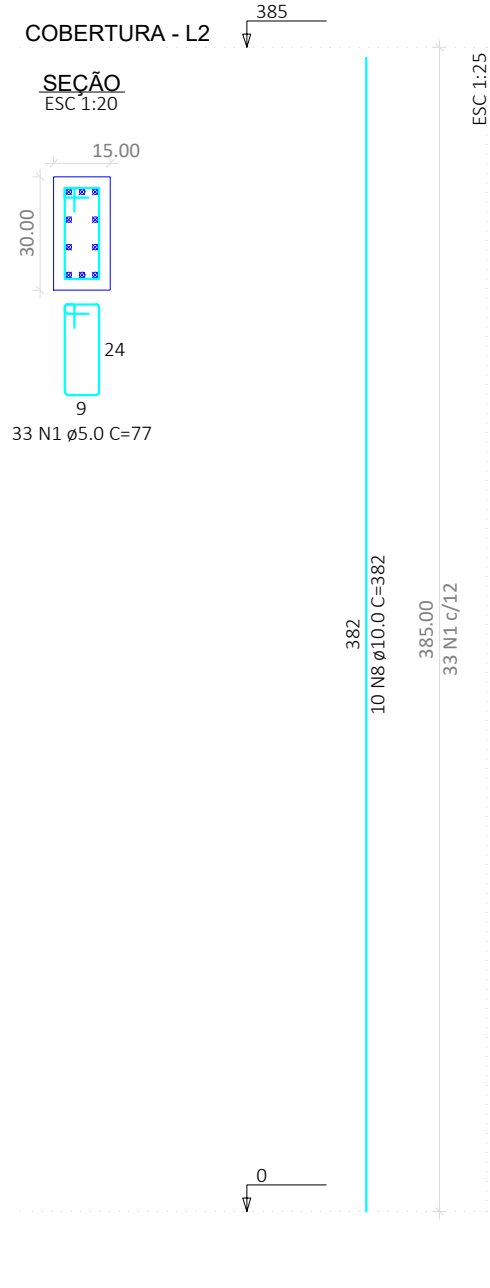
P32=P43=P44=P50



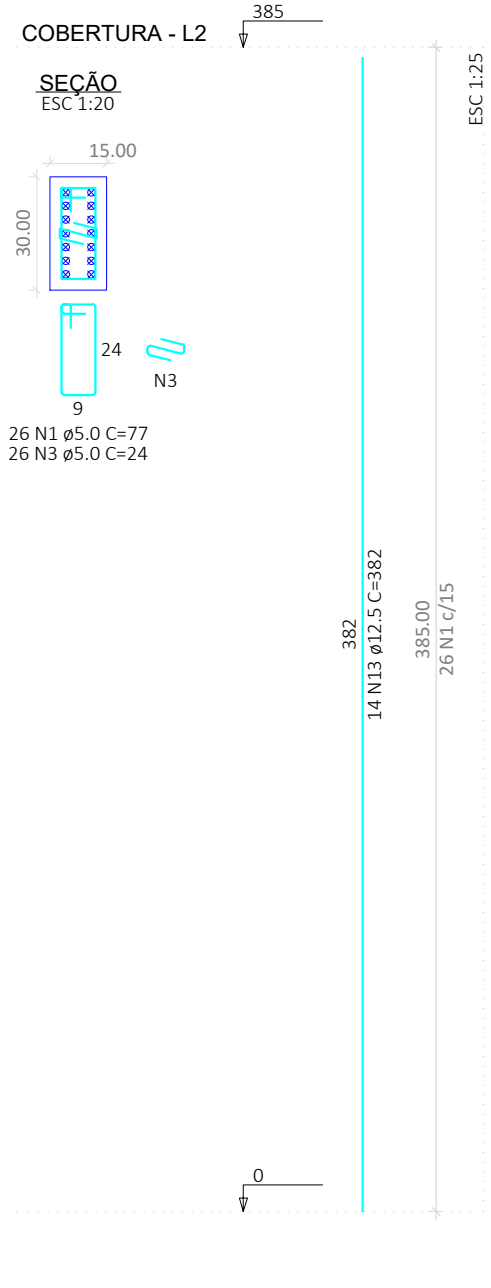
P36



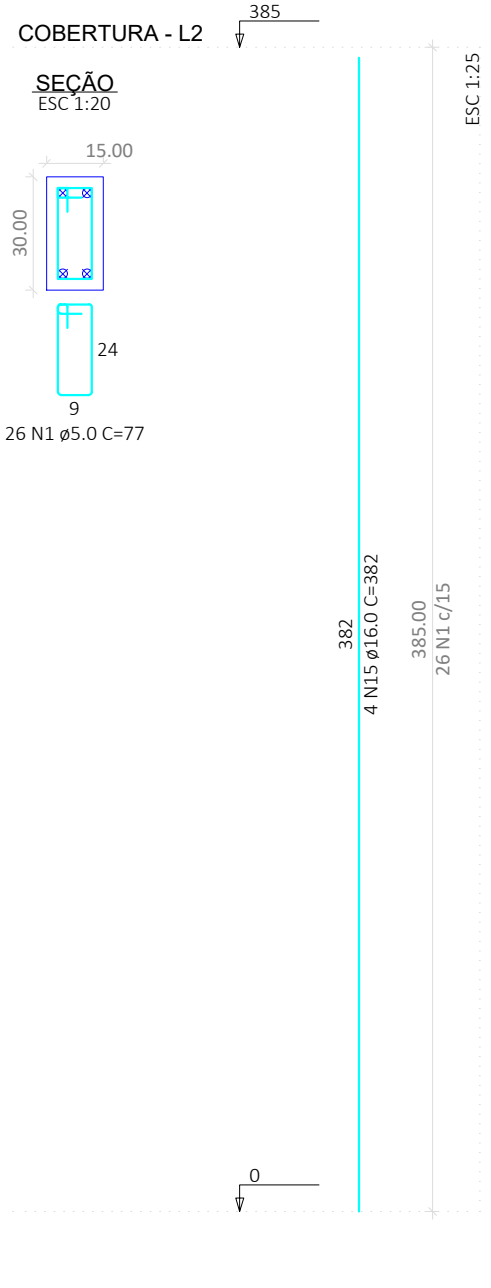
P38



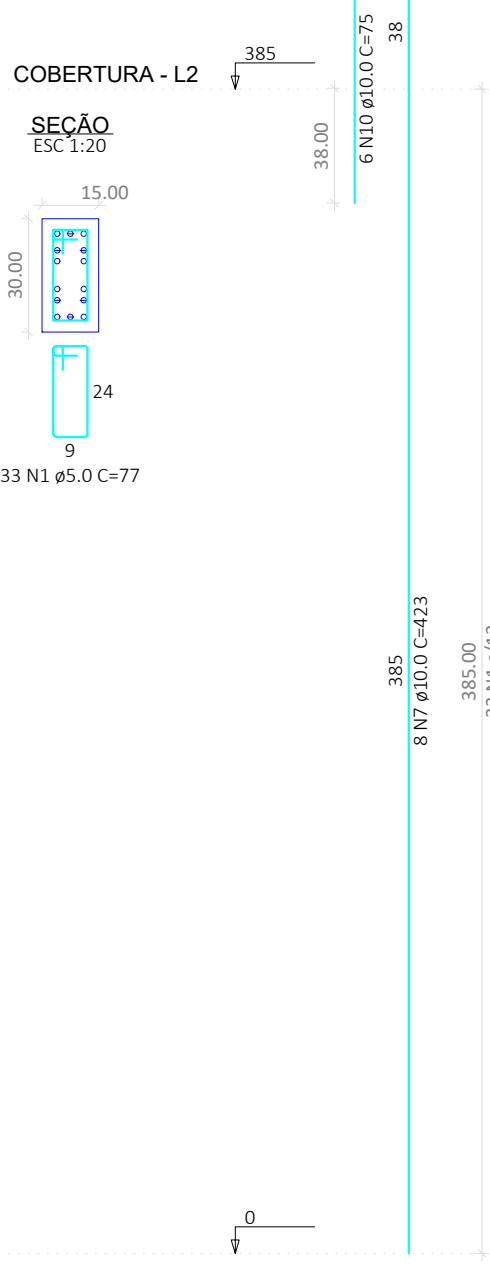
P39



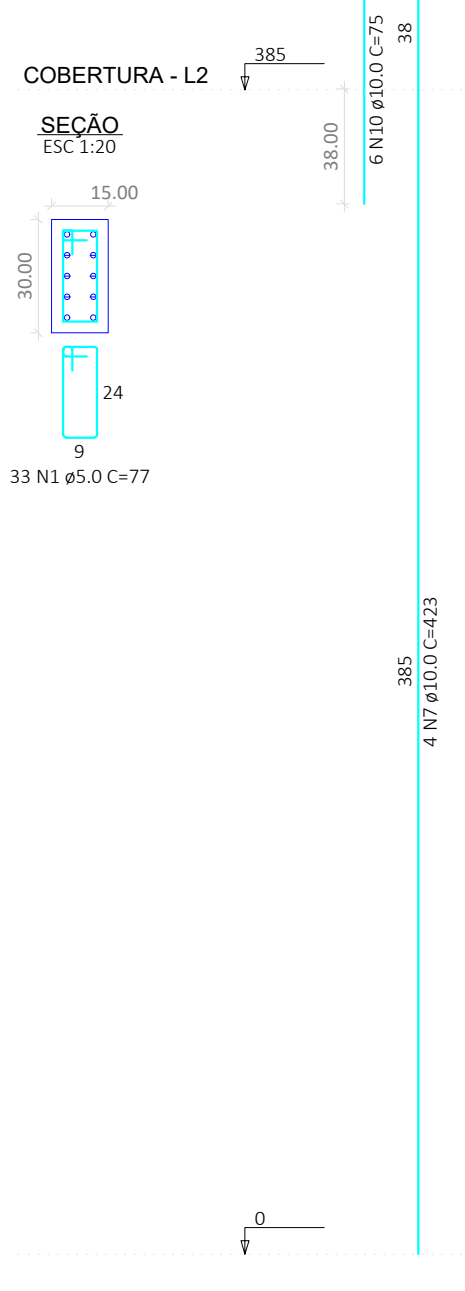
P40



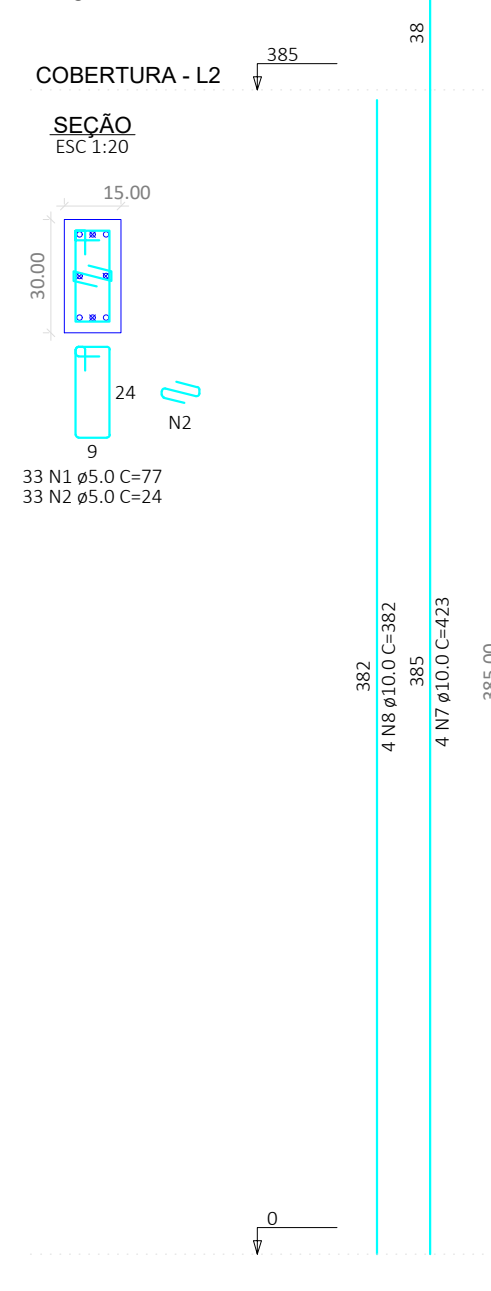
P41



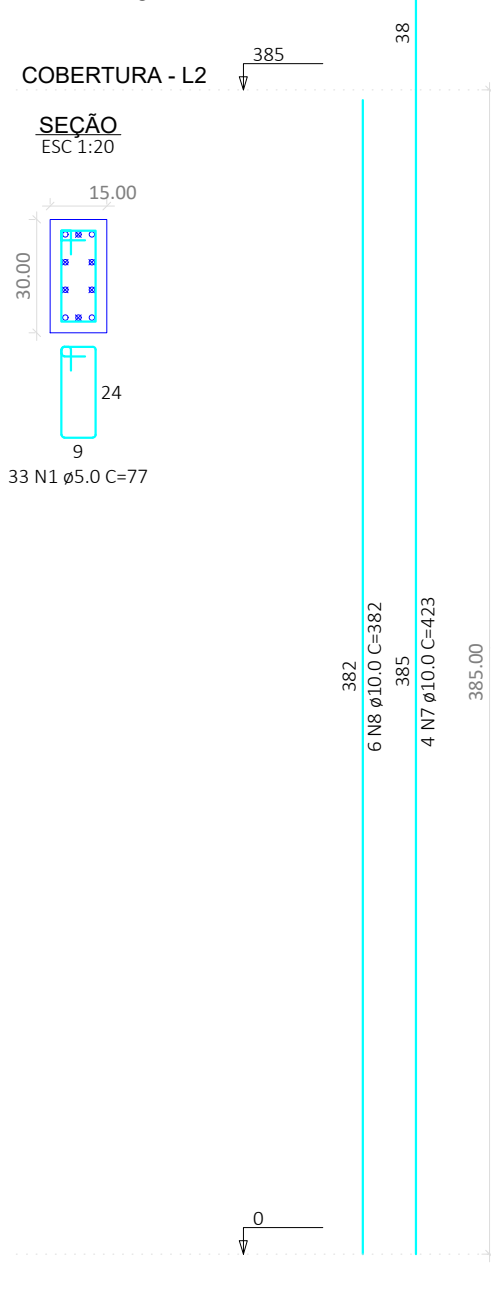
P42



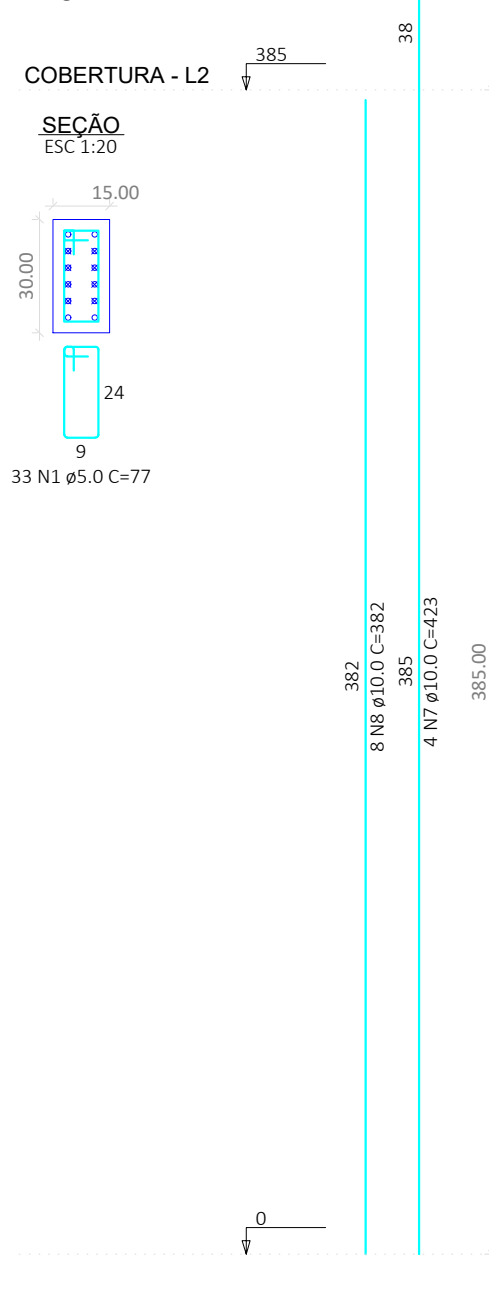
P46



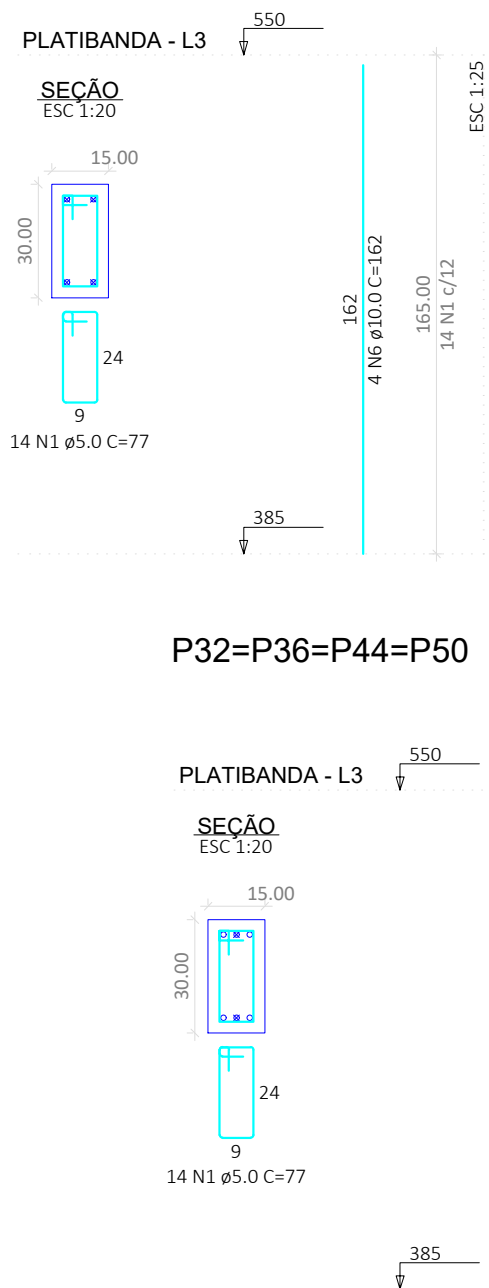
P47=P49



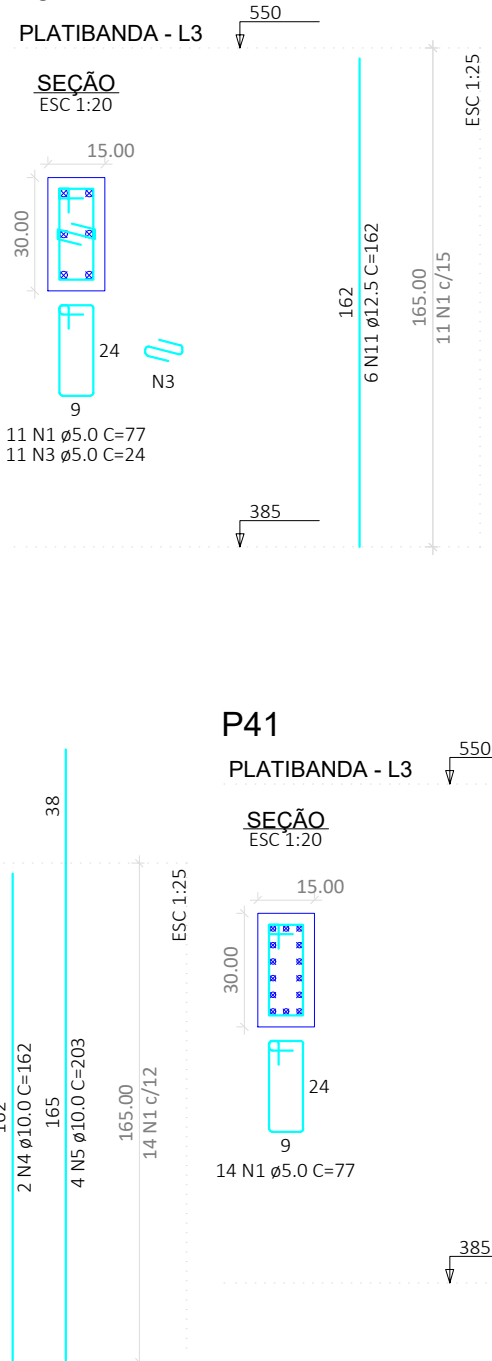
P48



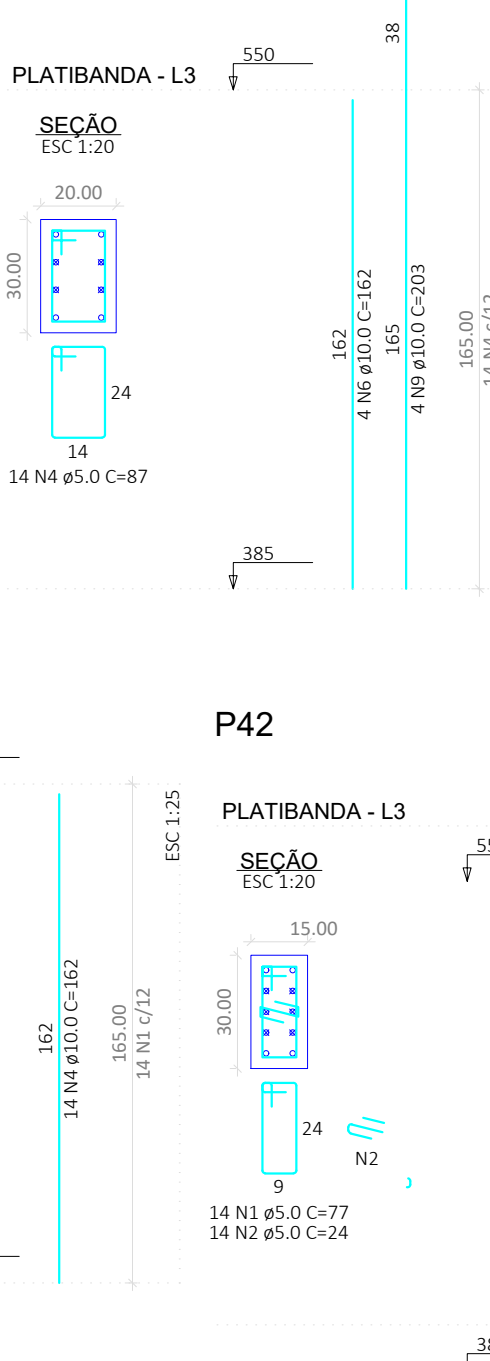
P1=P2=P3=P4=P5=P6=  
=P7=P9=P16=P24=P25=  
=P26=P35



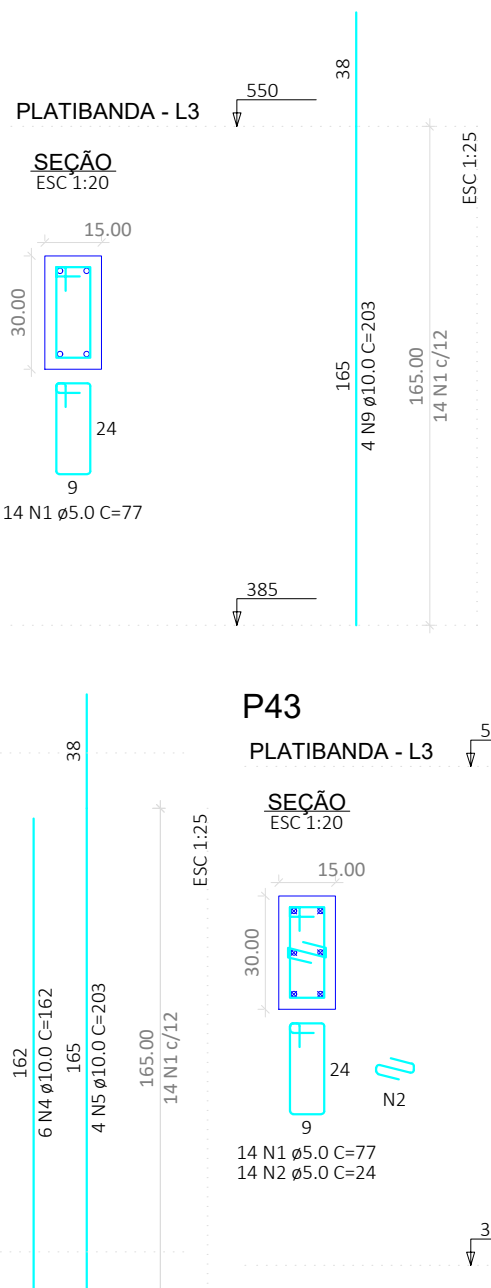
P8



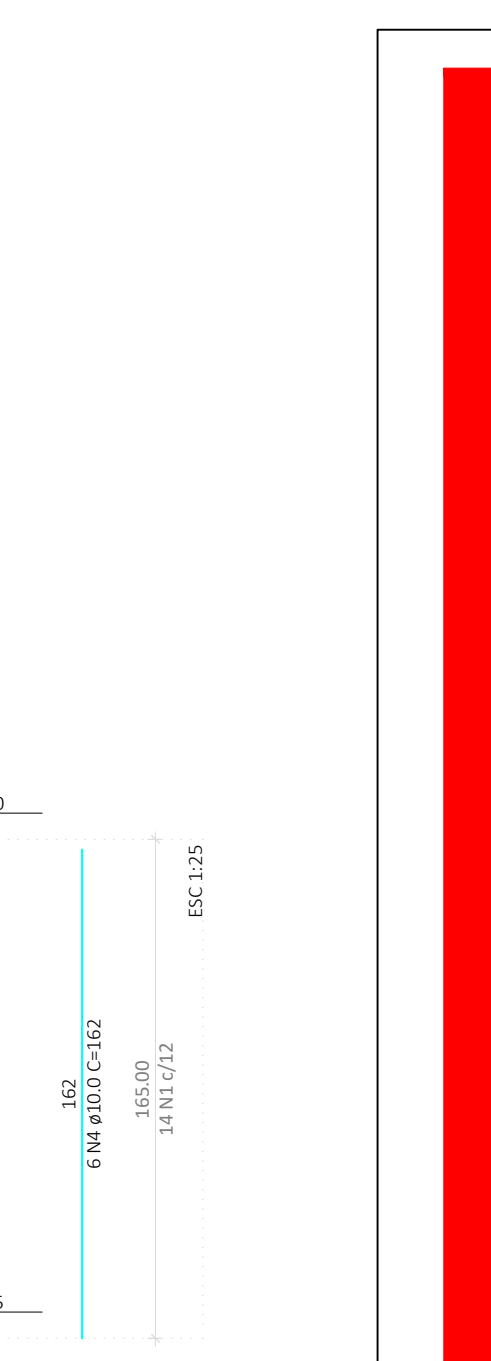
P27



P28=P29=P30=P31=  
=P33=P34=P45=P46=  
=P47=P48=P49



P43



## PROJETO ESTRUTURA DE CONCRETO

OBRA :  
UNIDADE BÁSICA DE SAÚDE - PORTE I

ENDEREÇO DA OBRA :  
PROJETO DE ASSENTAMENTO PROVIDÊNCIA, S/N , ZONA RURAL, BERNARDO SAYÃO - TO

PROPRIETÁRIO :  
FUNDO MUNICIPAL DE SAÚDE DE BERNARDO SAYÃO  
CNPJ: 11.408.686/0001-70

AUTOR DO PROJETO :  
LEONARDO SOUSA AMORIM  
ENG. CIVIL CREA 307258/D-TO

CONTEÚDO :  
DETALHE DOS PILARES

QUADRO DE ÁREAS :

ÁREA :  
VER PROJETO ARQUITETÔNICO

LSA  
ENGENHARIA

Rua Raul do Espírito Santo, Nº 1373 - CEP: 77760-00  
CNPJ: 28.758.127/0001-93  
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(63) 99278-6334  
e-mail: lsaengenharia@outlook.com

FOLHA : A1

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