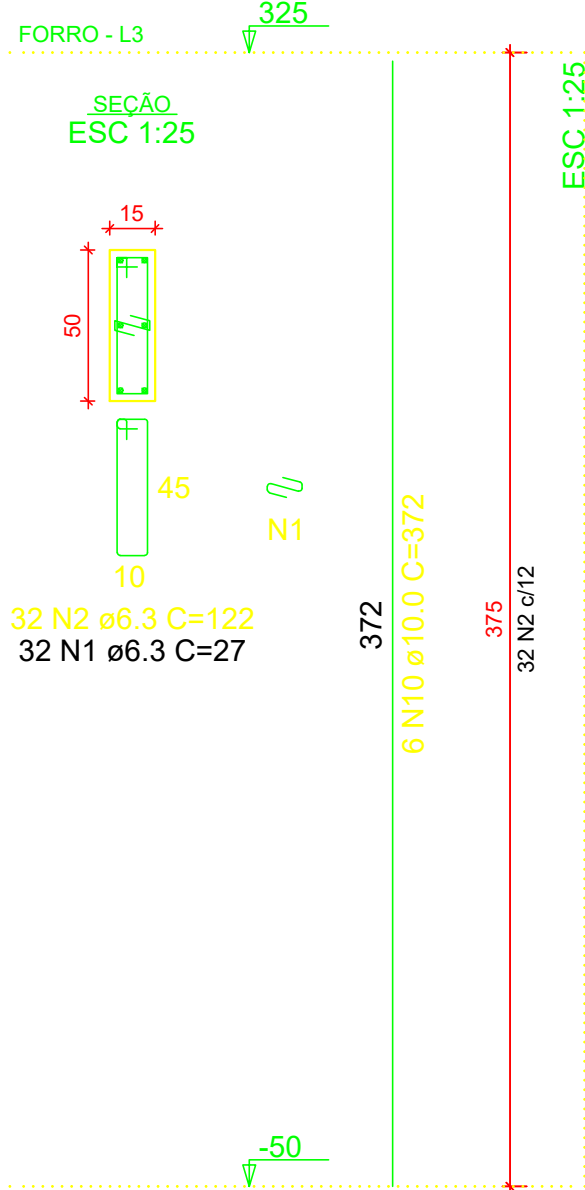
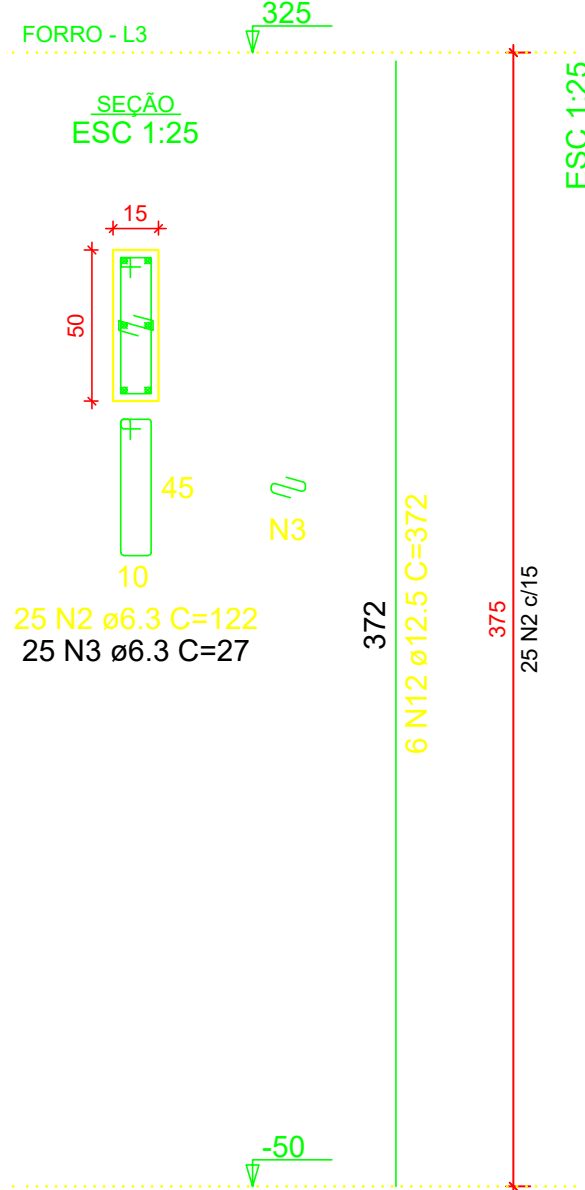


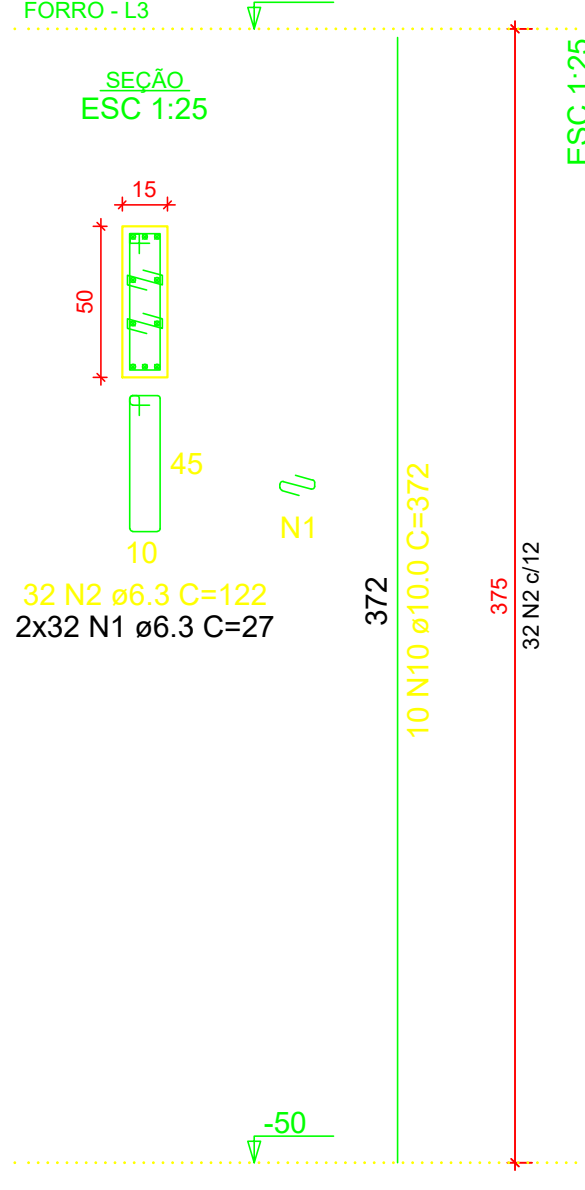
P1=P4=P7=P10=P16



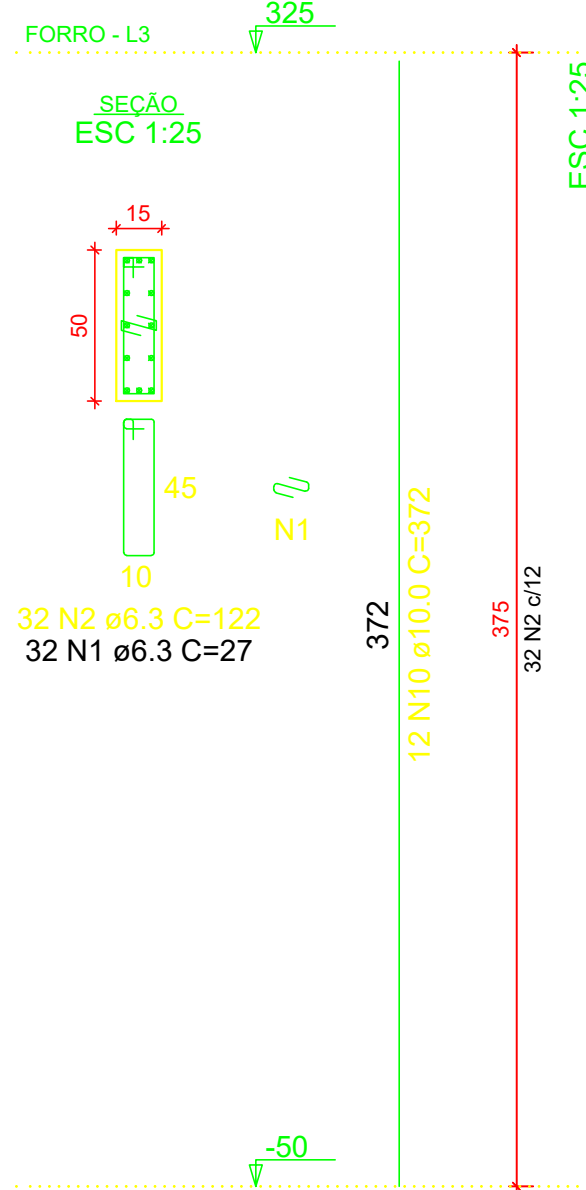
P2=P3=P5=P6=P8=P9=P15=P32



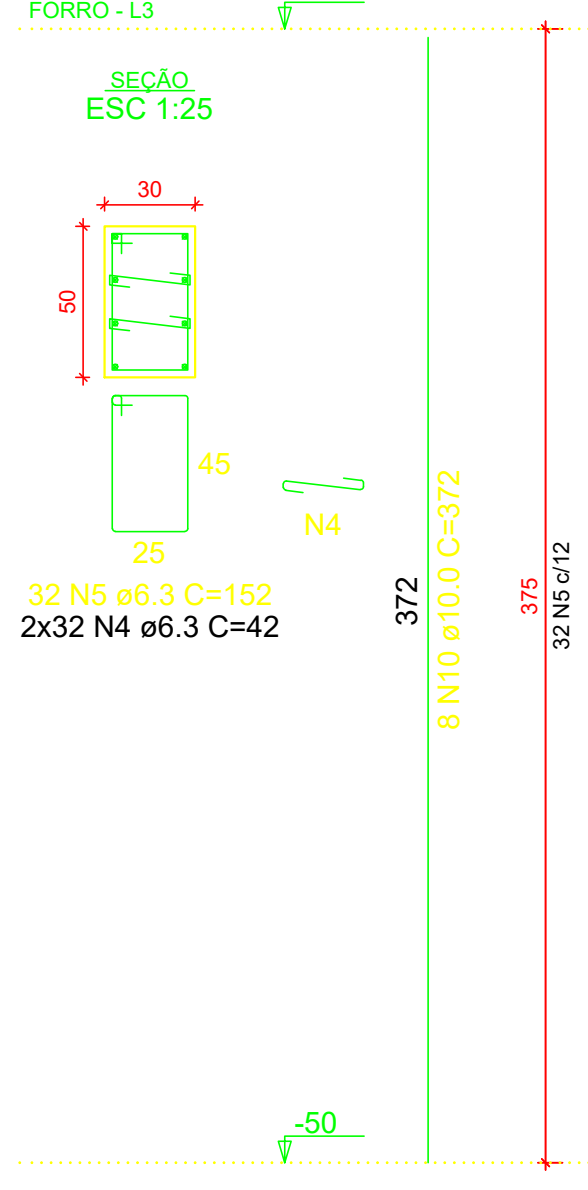
P11



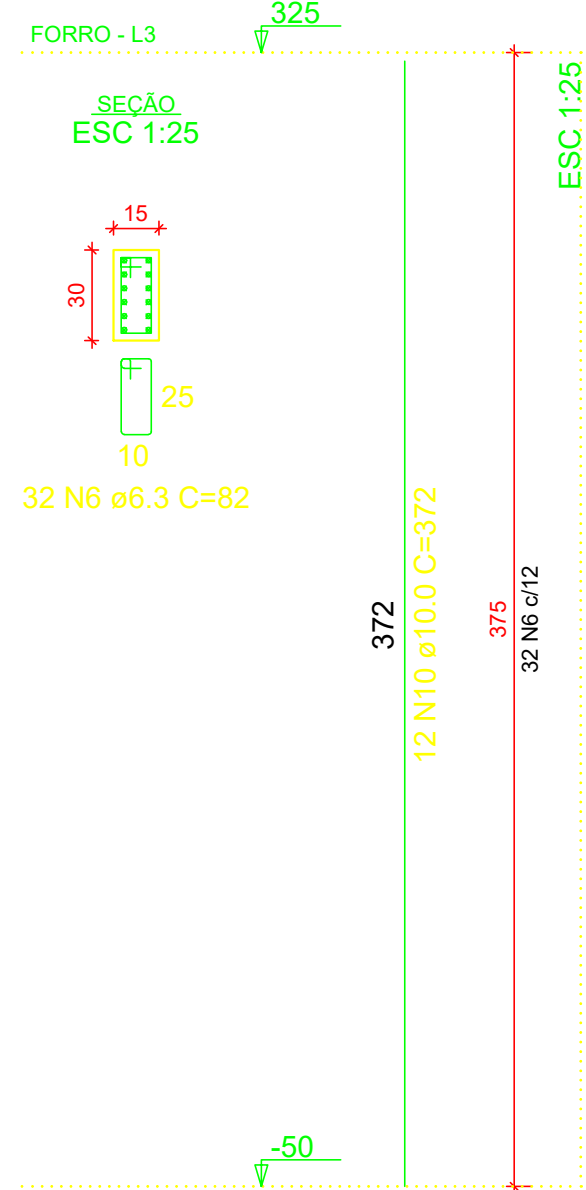
P12=P14=P17



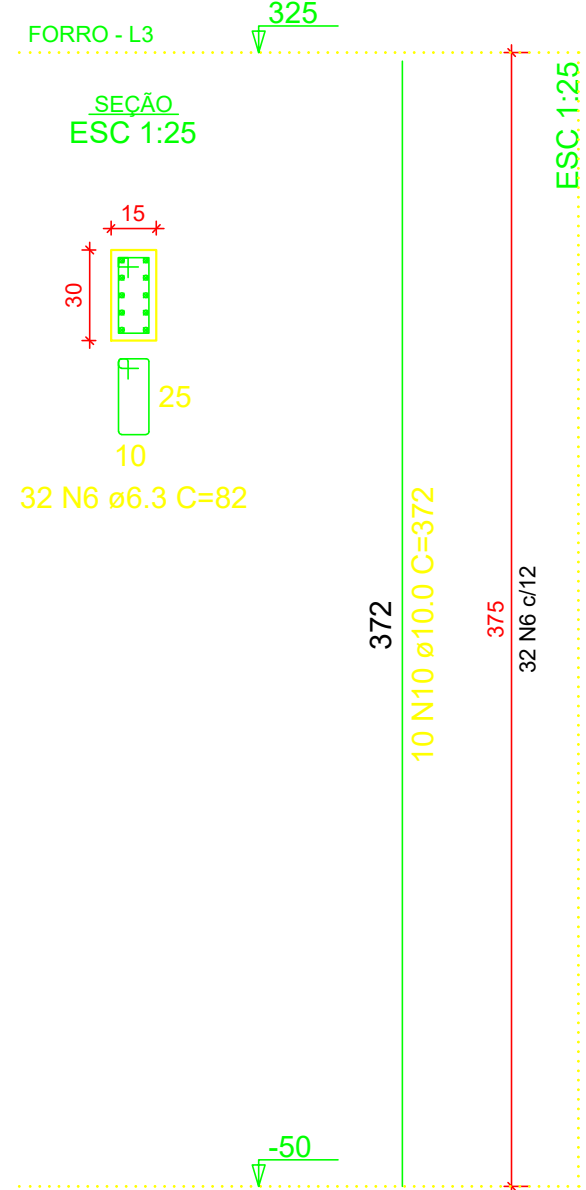
P13



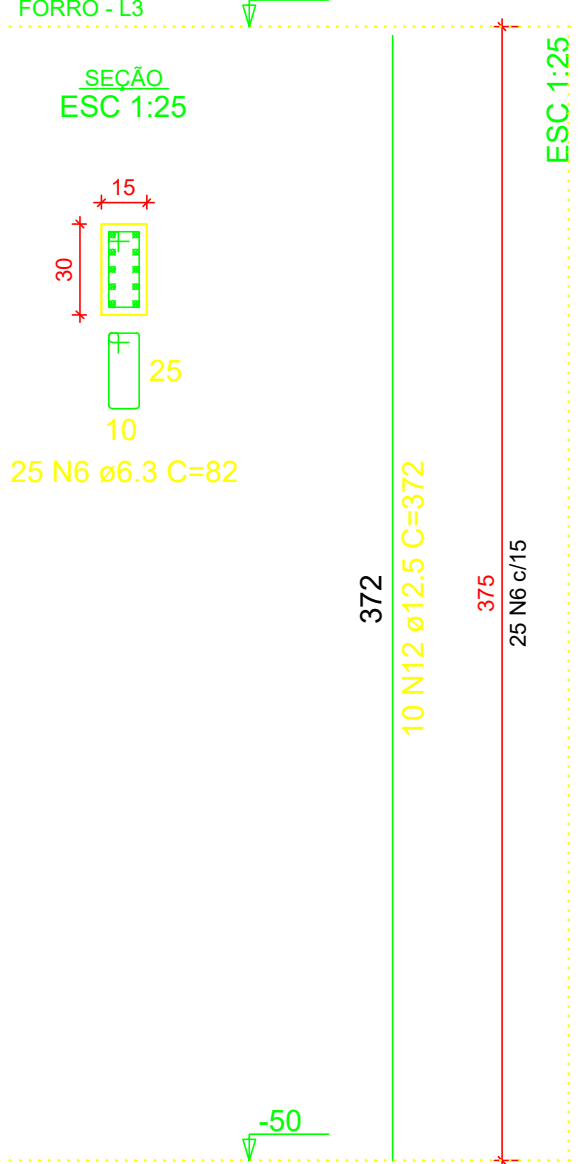
P18=P21=P24=P27



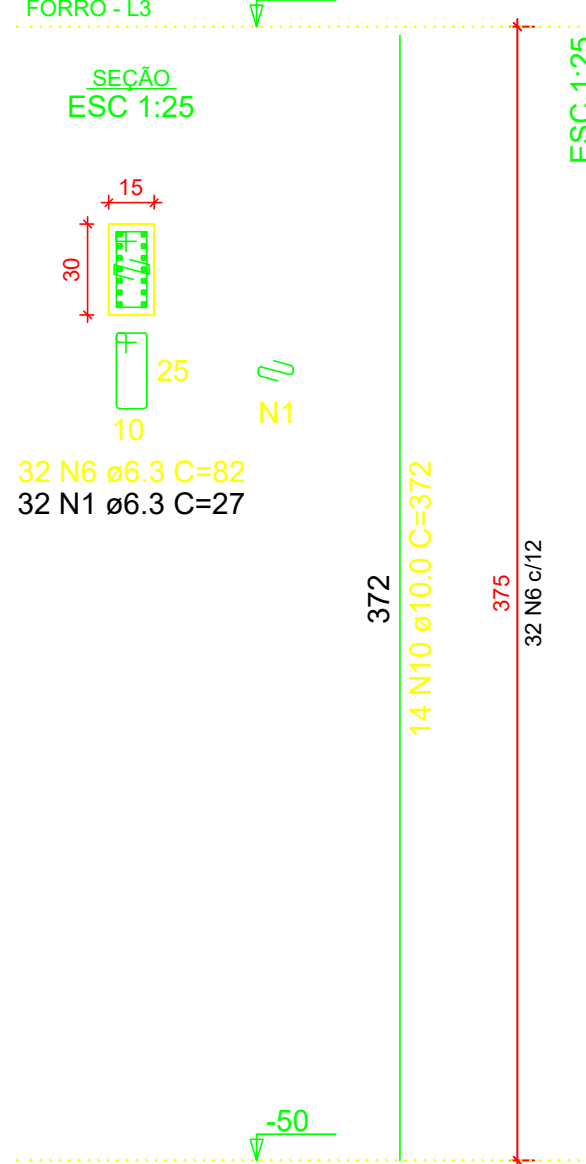
P19=P22=P25=P28



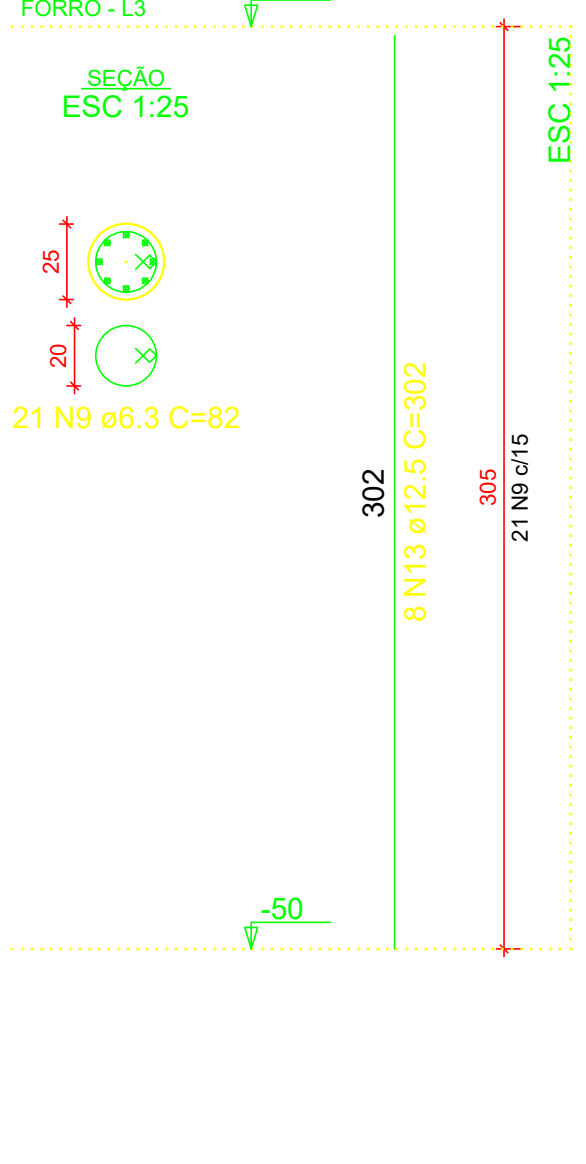
P30



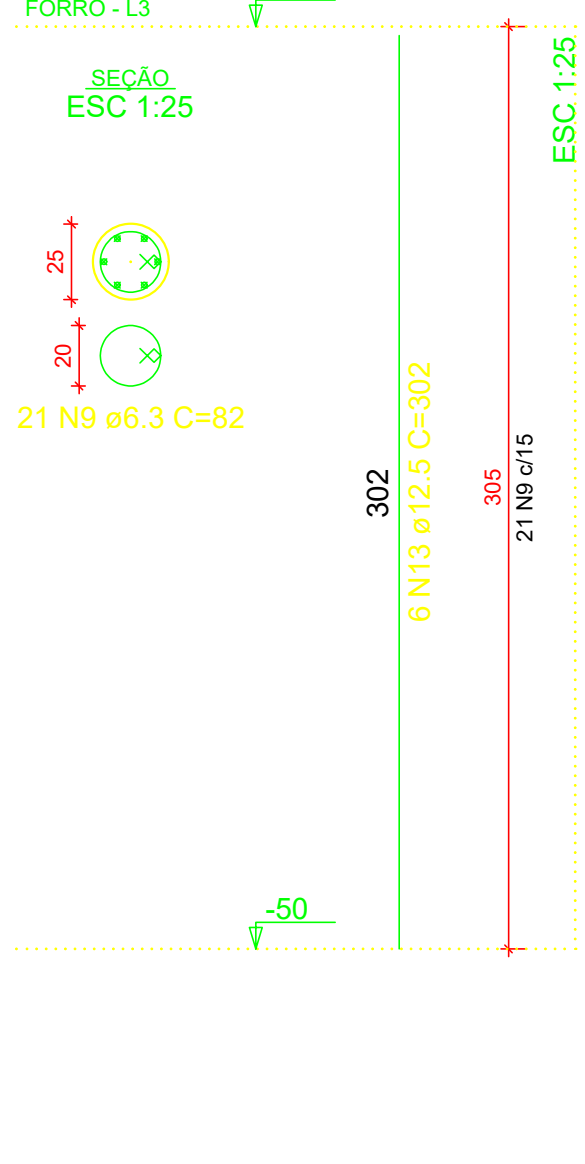
P31



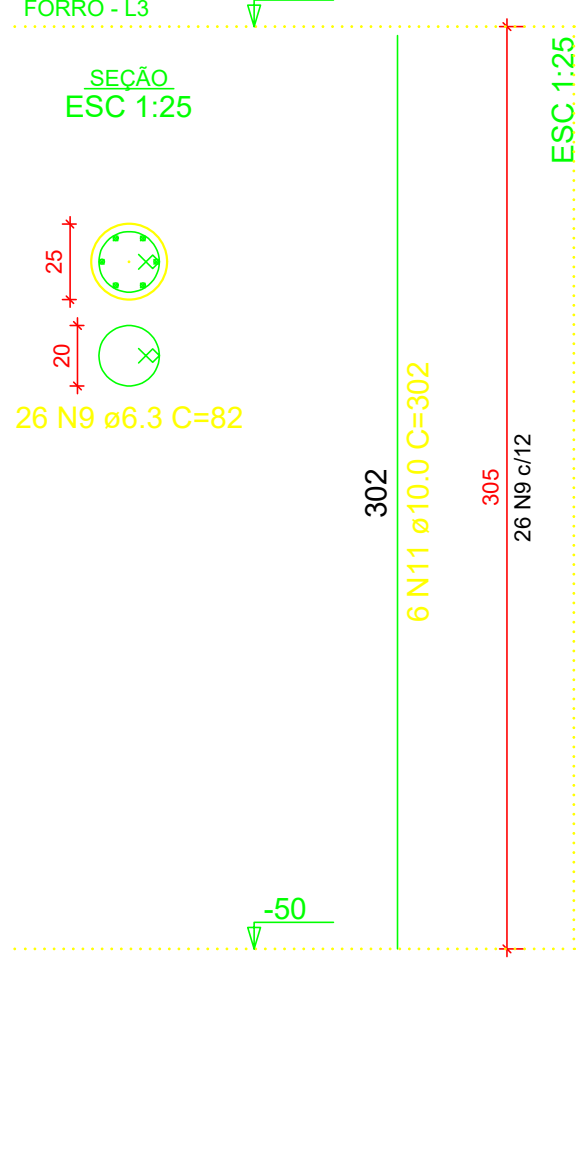
P33=P38



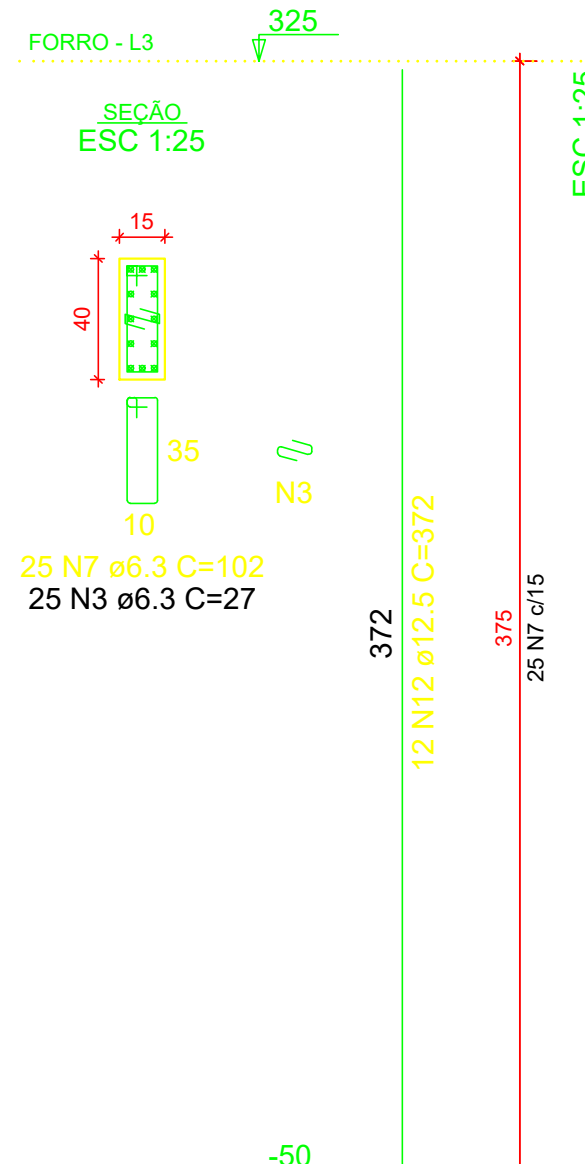
P34=P35



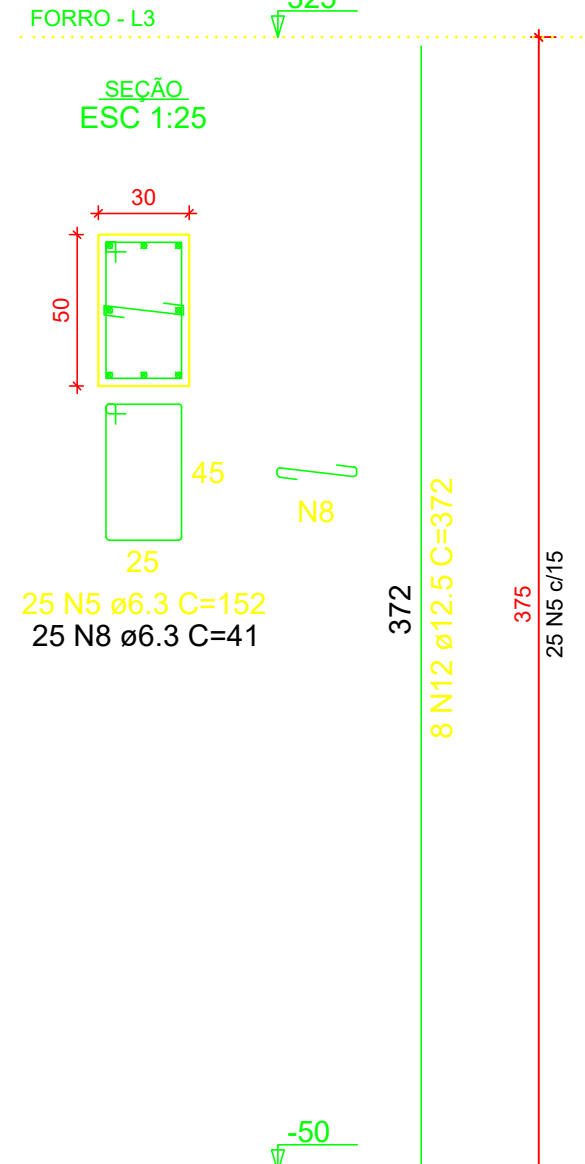
P36=P37



P20=P23=P26



P29



RELAÇÃO DO AÇO

5xP1
3xP12
4xP19
P30
2xP34

8xP2

P13

3xP20

P31

2xP36

P11

4xP18

P29

2xP33

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	352	27	9504
	2	6.3	488	122	59536
	3	6.3	275	27	7425
	4	6.3	64	42	2688
	5	6.3	57	152	8664
	6	6.3	313	82	25666
	7	6.3	75	102	7650
	8	6.3	25	41	1025
	9	6.3	136	82	11152
	10	10.0	186	372	69192
	11	10.0	12	302	3624
	12	12.5	102	372	37944
	13	12.5	28	302	8456

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	1333.1	123	358.8
	10.0	728.2	67	493.8
	12.5	464	43	491.7
PESO TOTAL (kg)				
CA50		1344.4		

Volume de concreto (C-25) = 9.17 m³
Área de forma = 155.37 m²

PROJETO		RESPONSÁVEL TÉCNICO	
		Eng. Mario Marques Ribeiro CREA: MG 48900/D	
CLIENTE			
			
EMPREENHIMENTO			
IMPLANTAÇÃO DA ESCOLA NOVA			
ENDEREÇO		DISCIPLINA	
RUA 06, S/N - B. Luiz Rennó Mendes. SANTA RITA DO SAPUCAÍ - MINAS GERAIS		ESTRUTURAL	
ASSUNTO		FASE DO PROJETO	
BLOCO F DETALHAMENTO DA ARMAÇÃO DOS PILARES PLANTA BAIXA, CORTES E DETALHES		EXECUTIVO	
DATA INICIAL		FOLHA Nº	
17/10/2019		54	
ESCALA	INDICADA	REVISÃO	ARQUIVO
		R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NV.DWG