

P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P13=P14
 =P15=P16=P17=P18=P19=P20=P21=P22=P23
 =P24=P25=P26=P27=P28=P29=P30=P31=P32
 =P33=P34=P35=P36=P37=P38=P39=P40=P41
 =P42=P43=P44=P45=P46=P47=P48=P51=P52
 =P54=P55=P56=P57=P58=P59=P60=P62=P66
 =P67=P68=P70=P73=P74=P75=P77=P78=P81
 =P82=P85=P86=P87

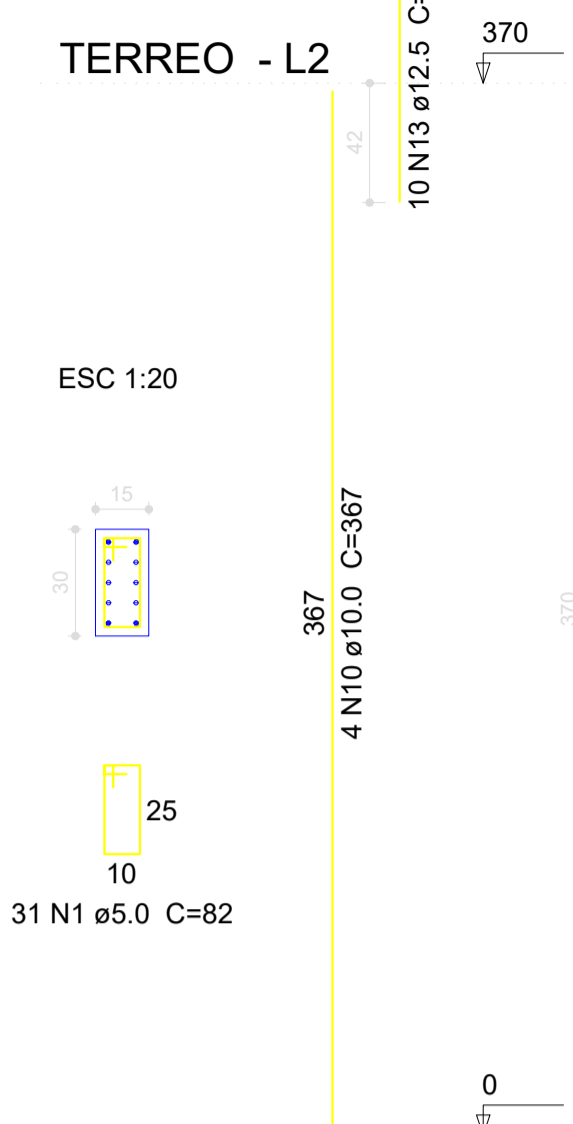
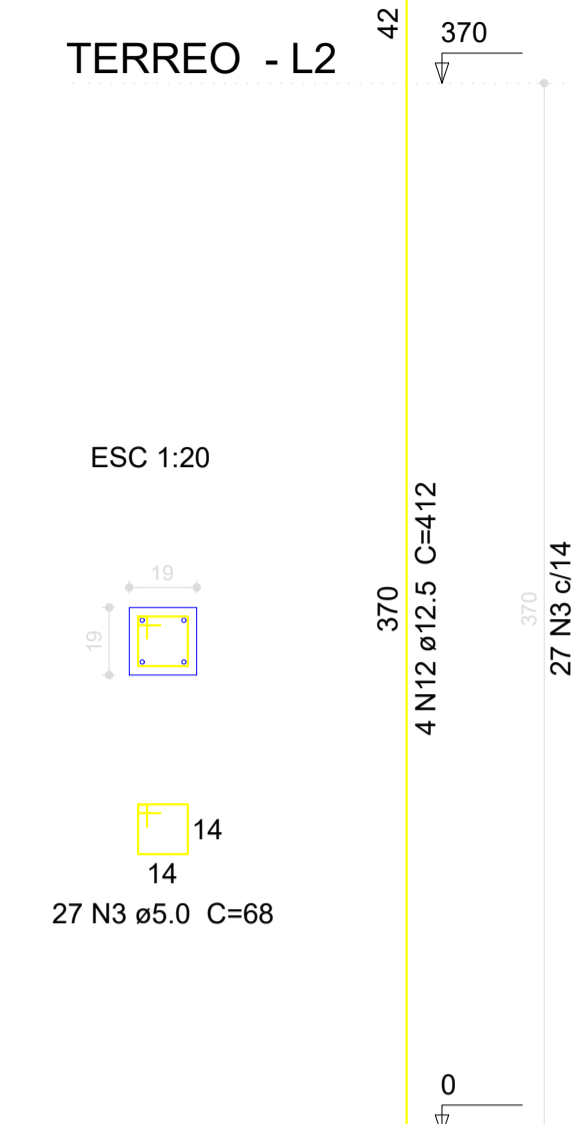
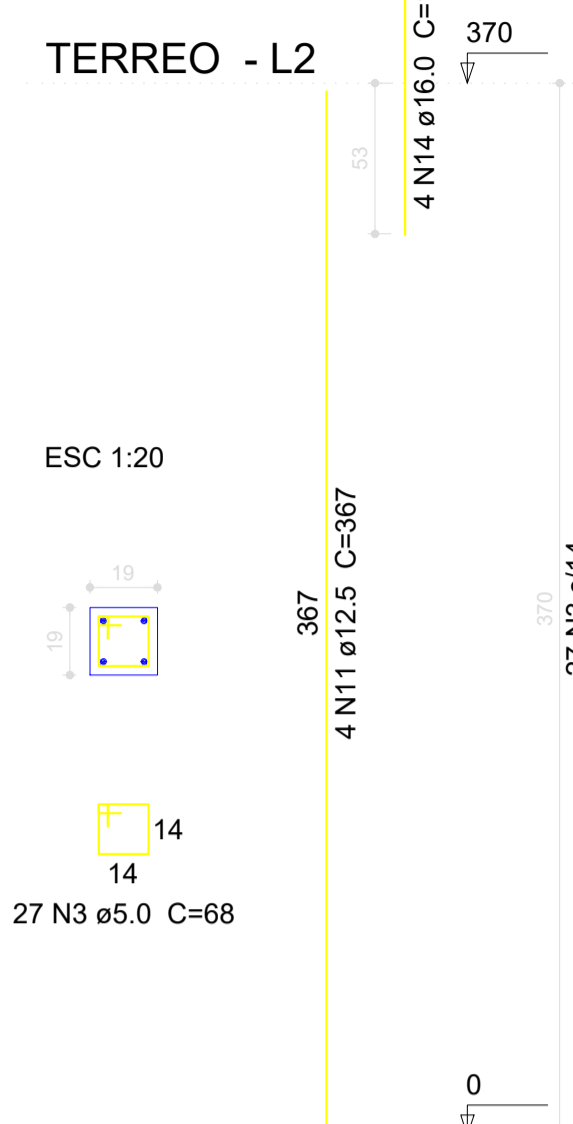
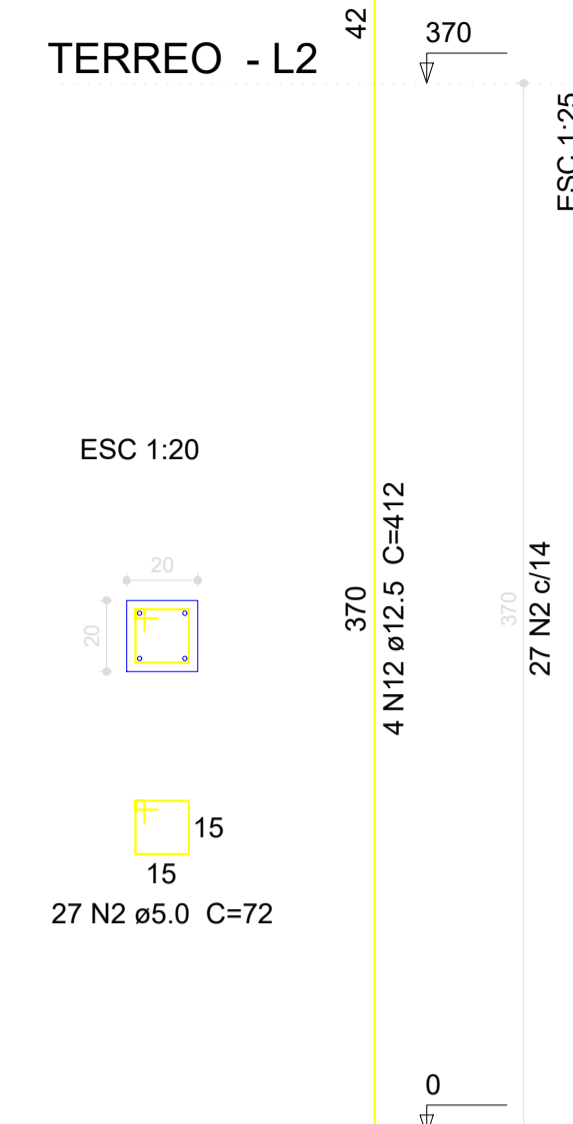
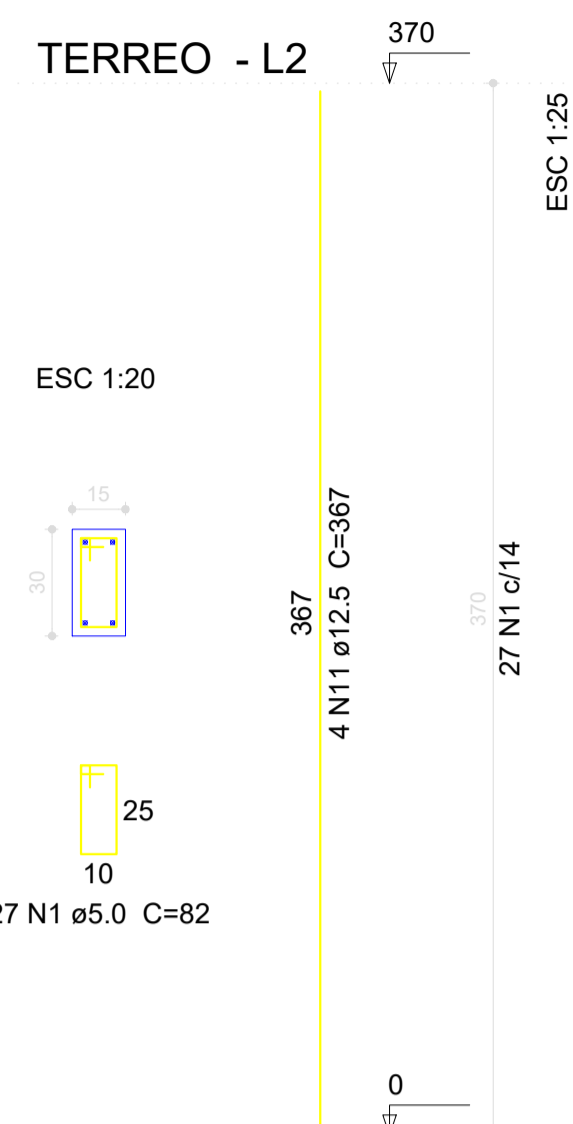
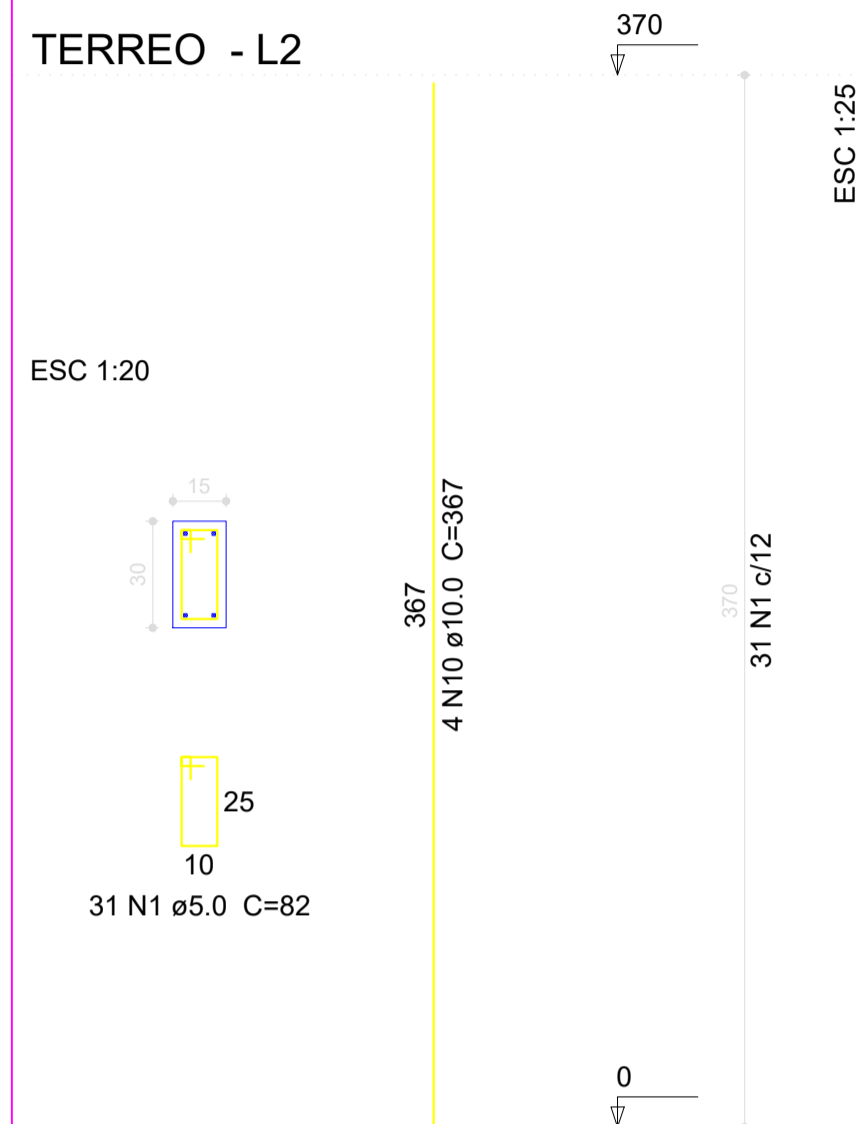
P11=P12=P49=P50
 =P53=P61=P94=P95

P63

P64

P65

P69



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
70xP1					
P64					
2xP71					
P79					
2xP89					
8xP11					
P65					
2xP72					
P83					
P90					
P63					
P69					
P76					
2xP88					
P91					

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	1042.3	706.9
	12.5	432.5	458.3
	16.0	19	32.9
	20.0	5.4	14.4
CA60	5.0	2382.9	404
CA50 PESO TOTAL (kg)			
CA50		1212.5	
CA60		404	

Volume de concreto (C-30) = 16.27 m³
 Área de forma = 319.16 m²

P71=P80

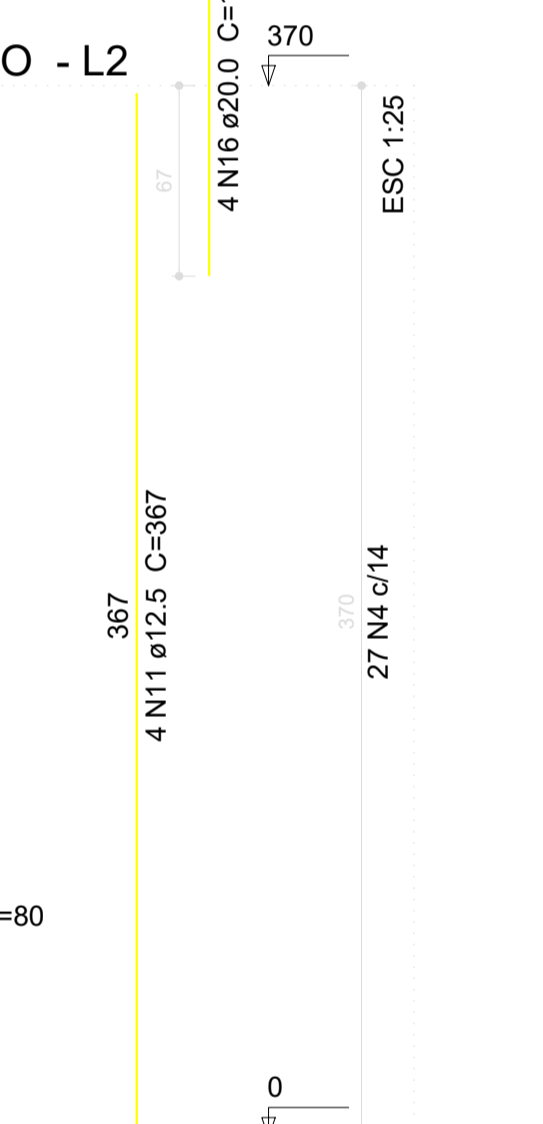
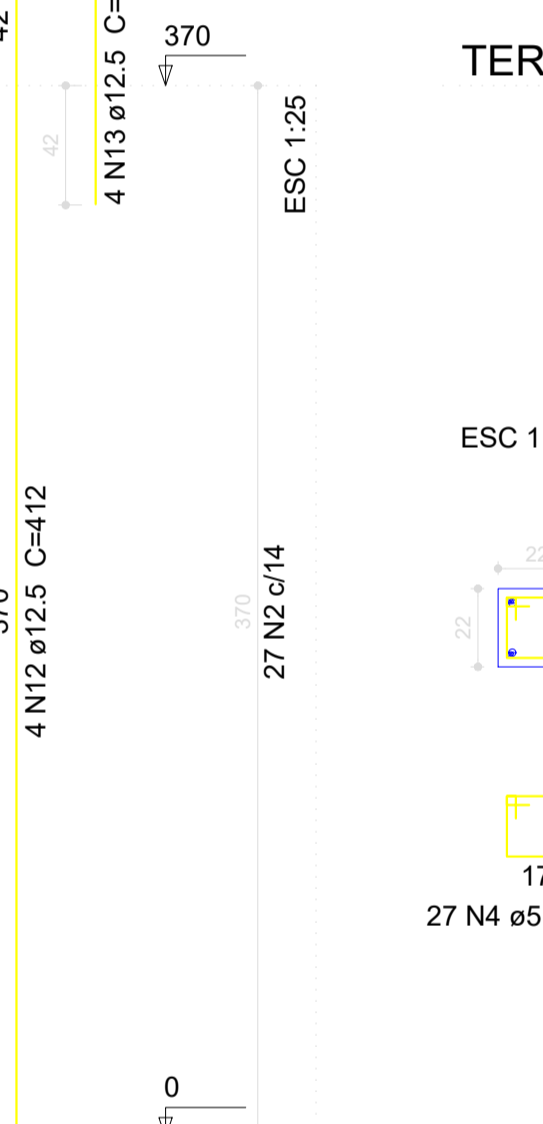
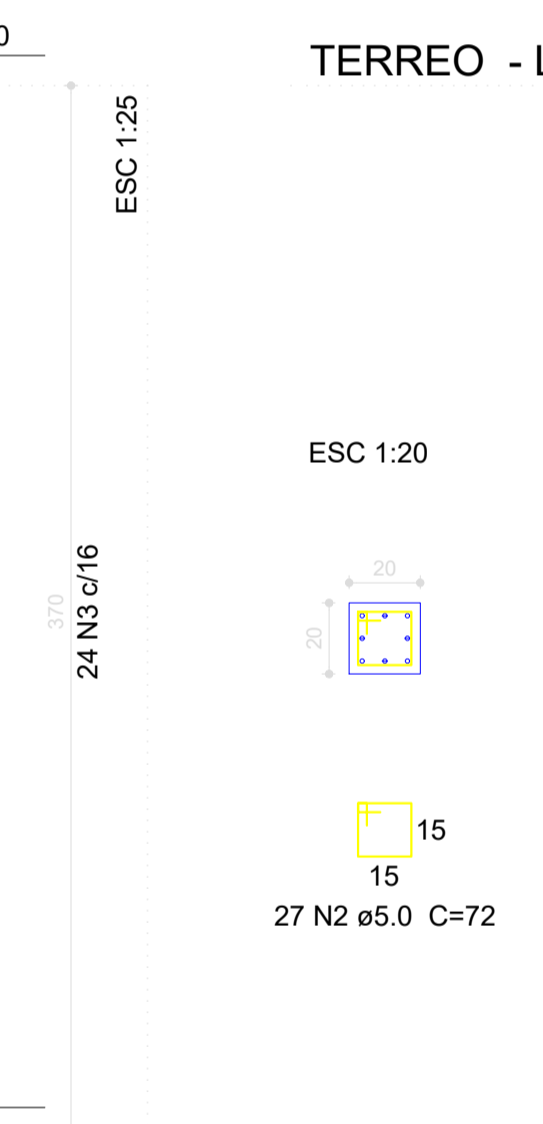
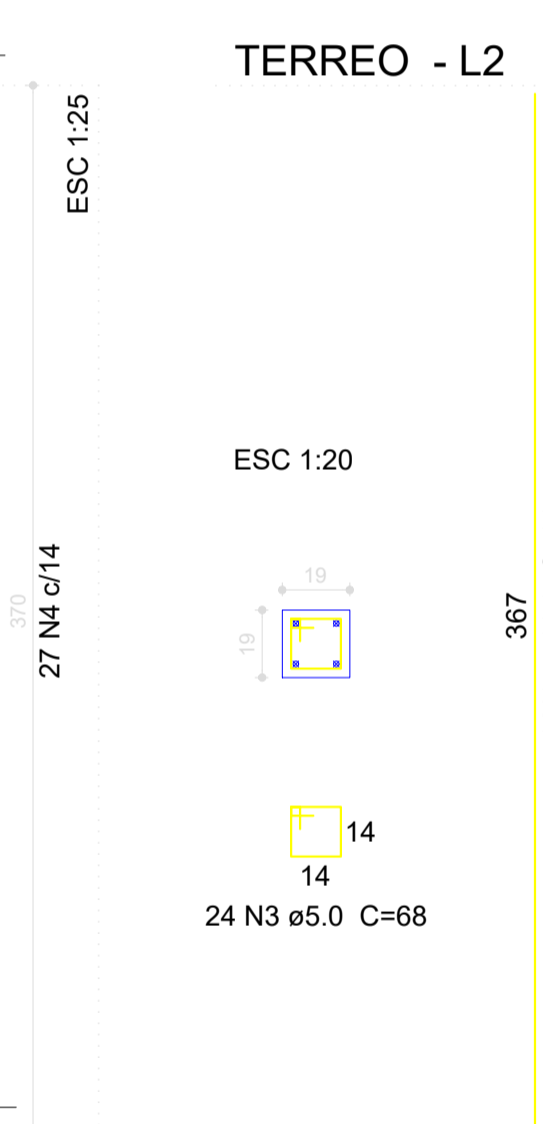
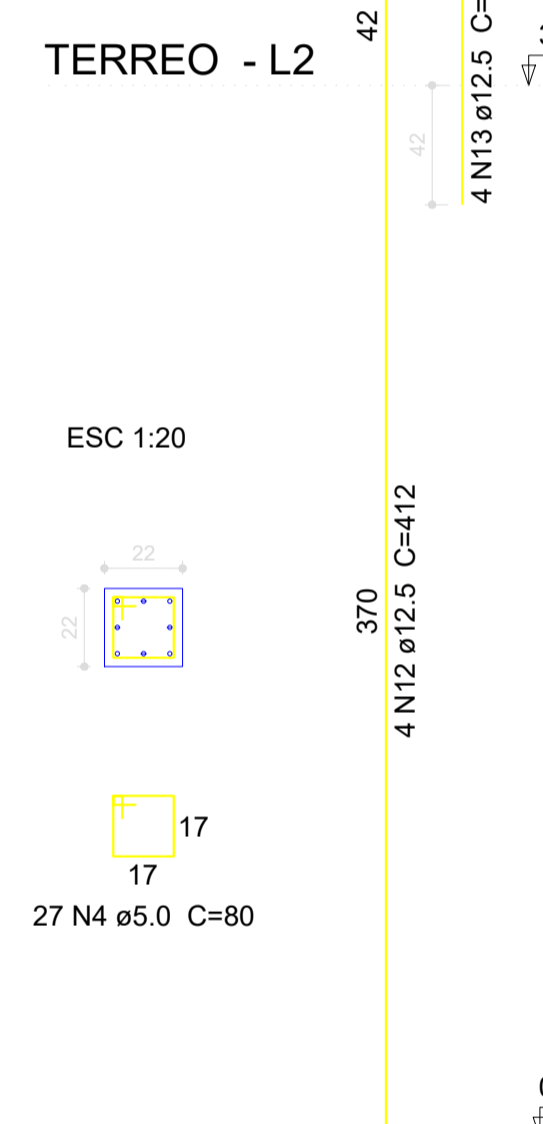
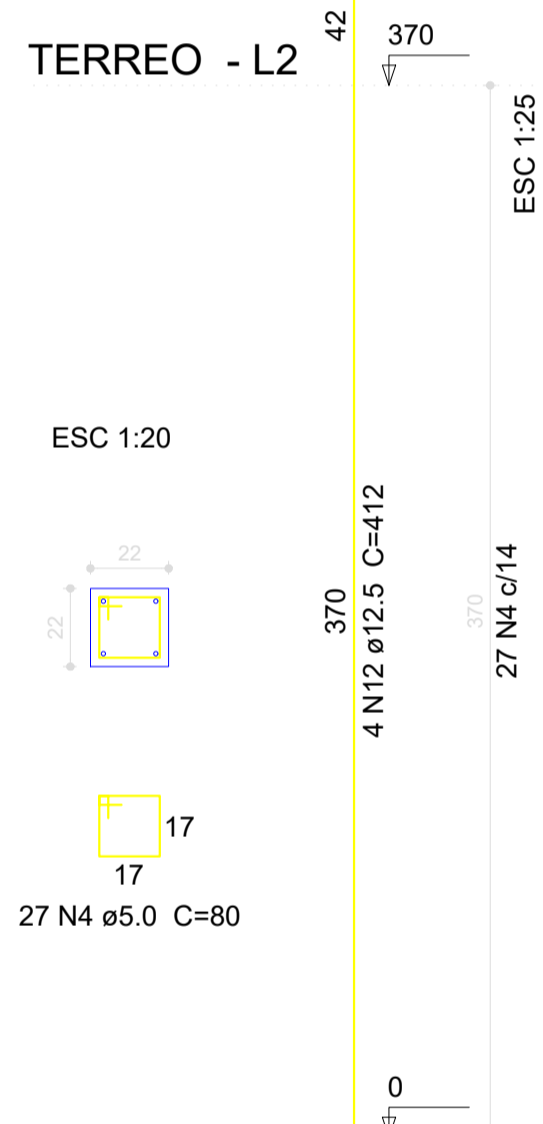
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P76

P79

P83

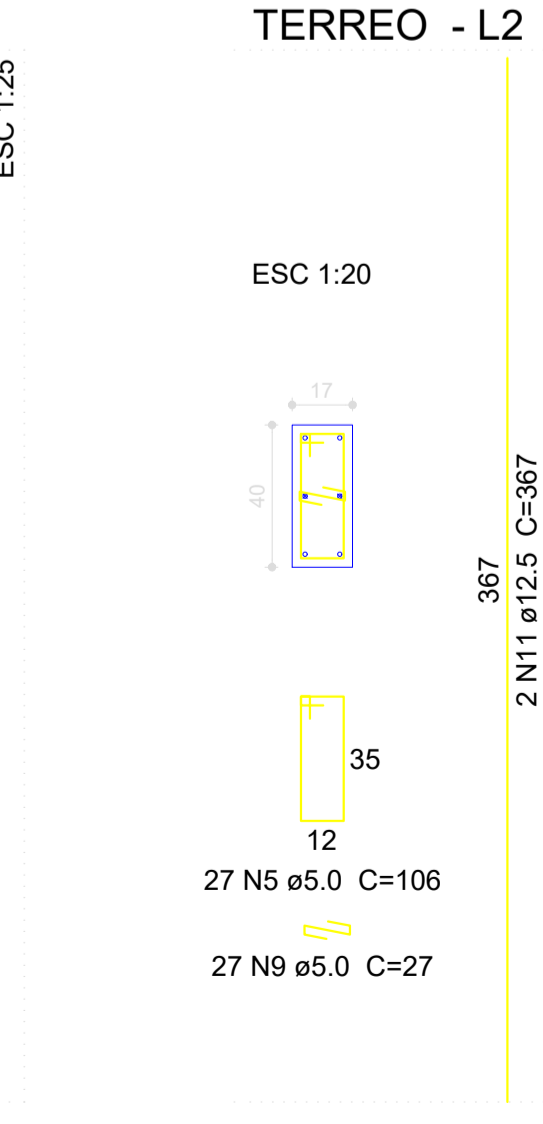
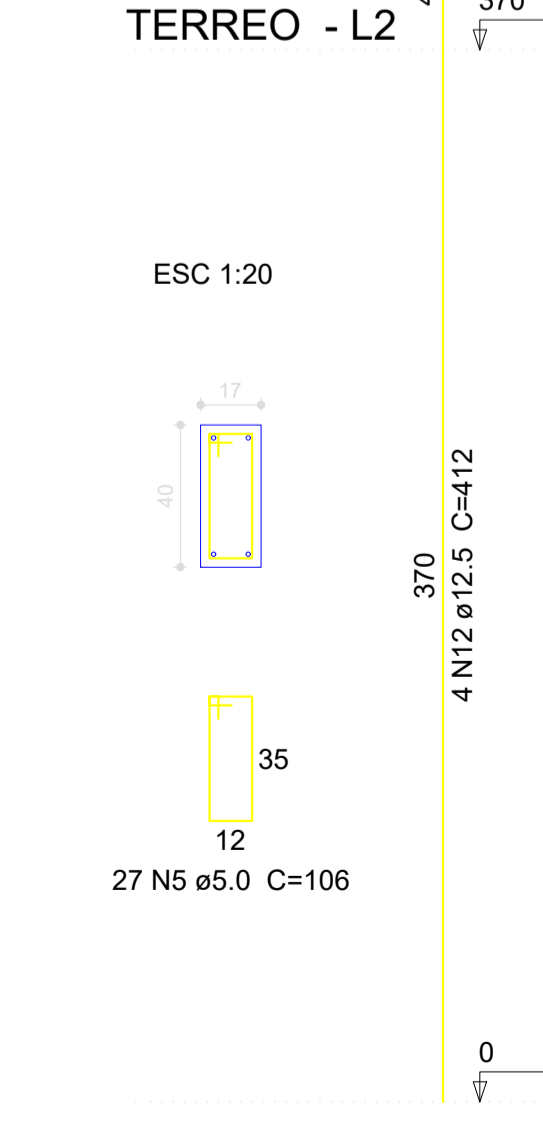
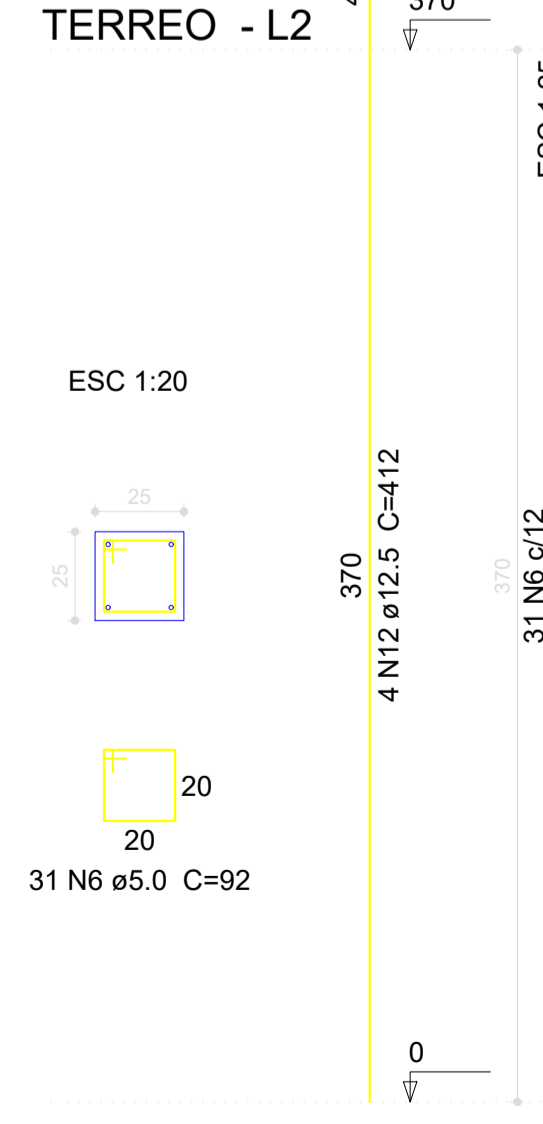
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P89=P92

P90

P91



00	30	06	2022	EMISSÃO INICIAL	AUTOR	VERIFIC.
REV. Nº	DATA	MES	ANO	DESCRIÇÃO DAS REVISÕES:		
CLIENTE				SECRETARIA MUNICIPAL DE SAÚDE DE BALSAS		
OBRA				CENTRO AMBULATORIAL		
TÍTULO				PROJETO ESTRUTURAL PAVIMENTO FUNDAÇÃO PILARES - FORMAS E ARMADURAS		
DESENHO:	1:100	DATA:	30/06/2022	RESPONSÁVEIS TÉCNICOS:	JOSE CASSIO ALVES LIMA - ORS/MA REG. Nº 11107653-6	
PLANTAS:	1:100	VERIF.:				

DES. N.º: **ESTR-10**
 REV. N.º: **00**
 N.º DESENHO: **18/2022-ESTR-10-000**