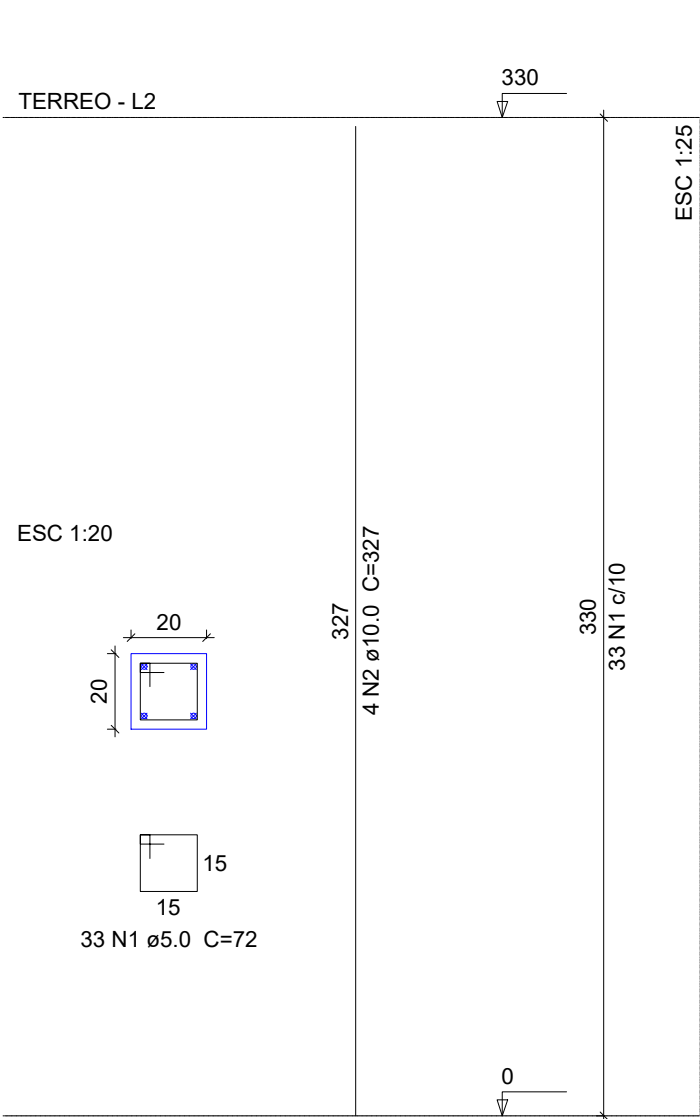
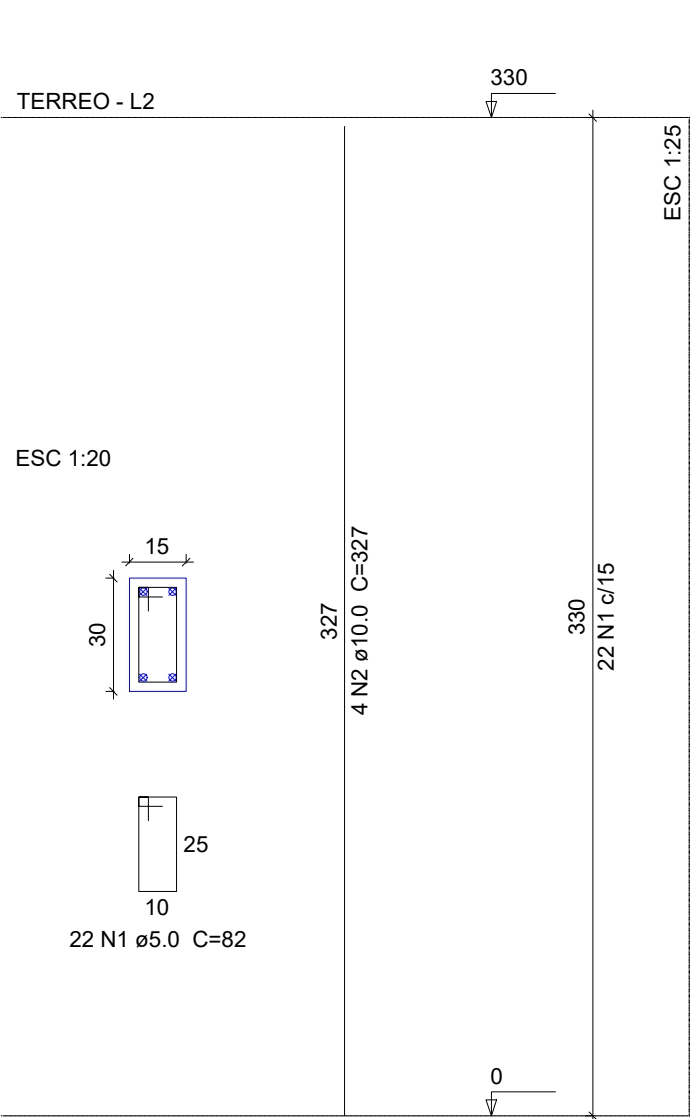
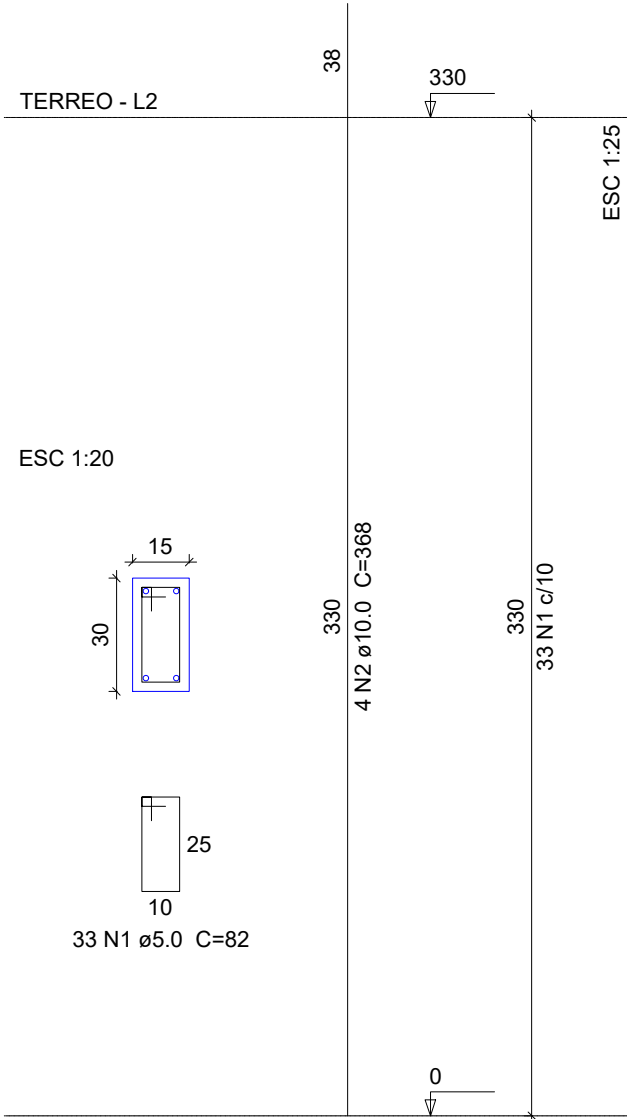


P16=P17=P18=P19=P20=P23=P24=P25=P26=P27  
=P28=P29=P30

P12

P31=P33=P34=P35=P36



Relação do aço

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
17xP12	CA60	1	5.0	374	82	30668
	CA50	2	12.5	68	327	22236
13xP16	CA60	1	5.0	429	82	35178
	CA50	2	10.0	52	368	19136
9xP31	CA60	1	5.0	297	72	21384
	CA50	2	10.0	36	327	11772

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	531.5	327.9
CA60	5.0	872.3	134.5
PESO TOTAL			
CA50	327.9		
CA60	134.5		

Vol. de concreto total (C-25) = 5.64 m³  
Área de forma total = 112.86 m²

