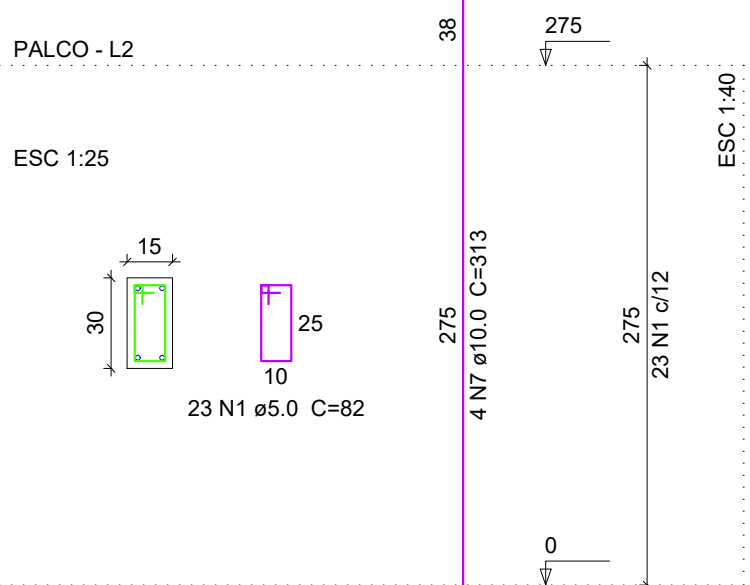
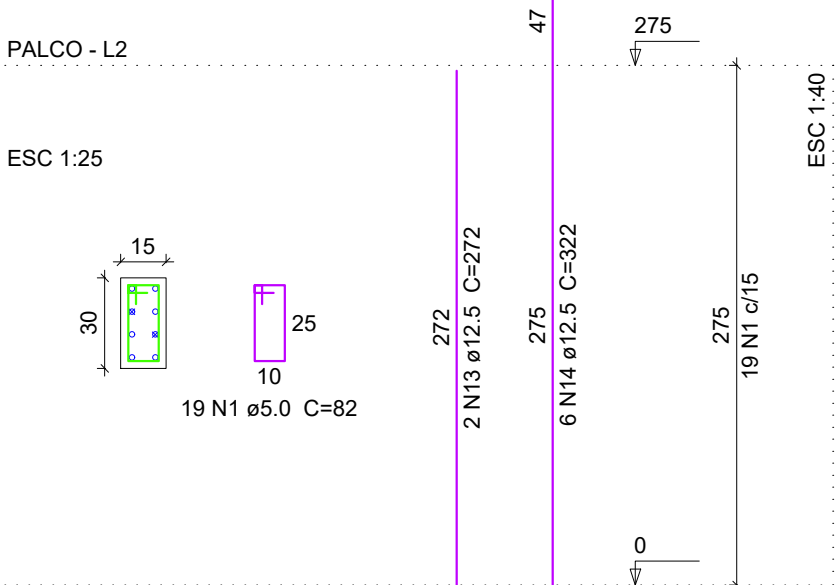


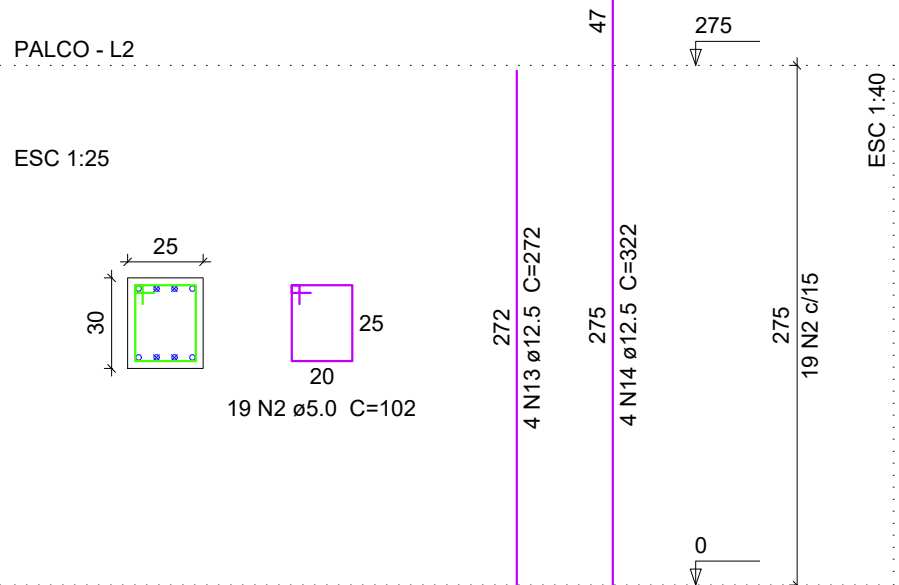
P1=P2



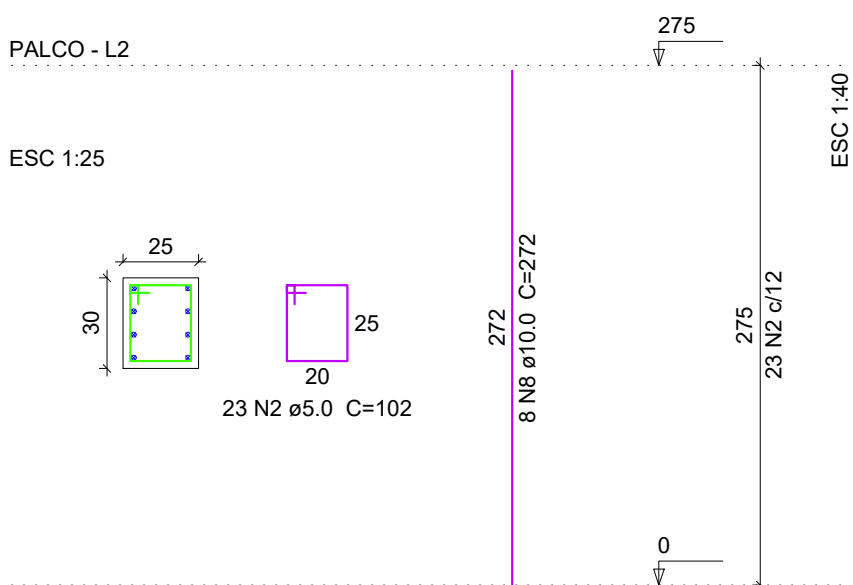
P3=P4



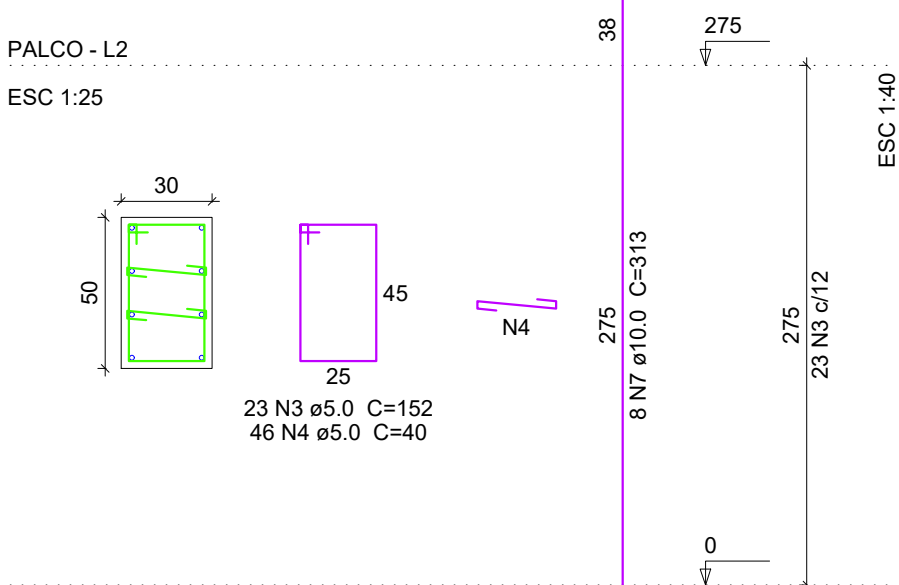
P9=P14



P10=P13



P11=P12



Relação do aço

COBERTURA:	2xP1	6xP3
PALCO:	2xP9	2xP11
	2xP1	2xP3
	2xP9	2xP10
	2xP11	2xP15
PLATIBANDA:	3xP16	
	2xP1	2xP11

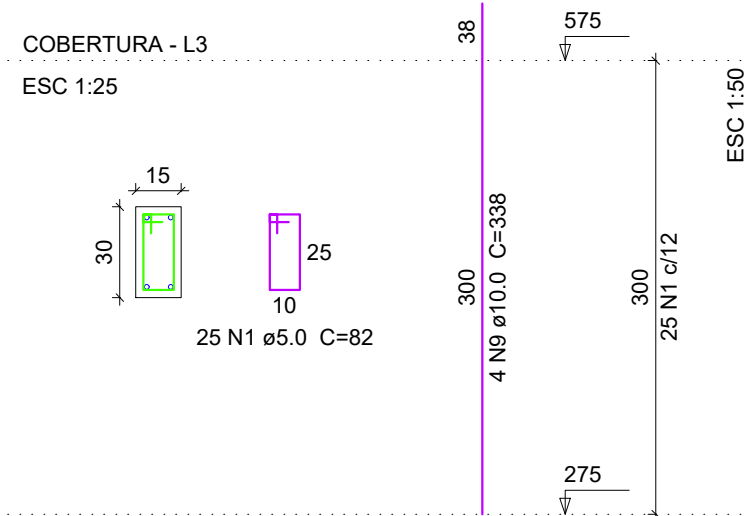
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	326	82	26732
	2	5.0	263	102	26826
	3	5.0	138	152	20976
	4	5.0	276	40	11040
	5	5.0	38	35	1330
	6	5.0	150	25	3750
	7	10.0	24	313	7512
CA50	8	10.0	52	272	14144
	9	10.0	24	338	8112
	10	10.0	36	297	10692
	11	10.0	8	427	3416
	12	10.0	24	247	5928
	13	12.5	28	272	7616
	14	12.5	20	322	6440

Resumo do aço

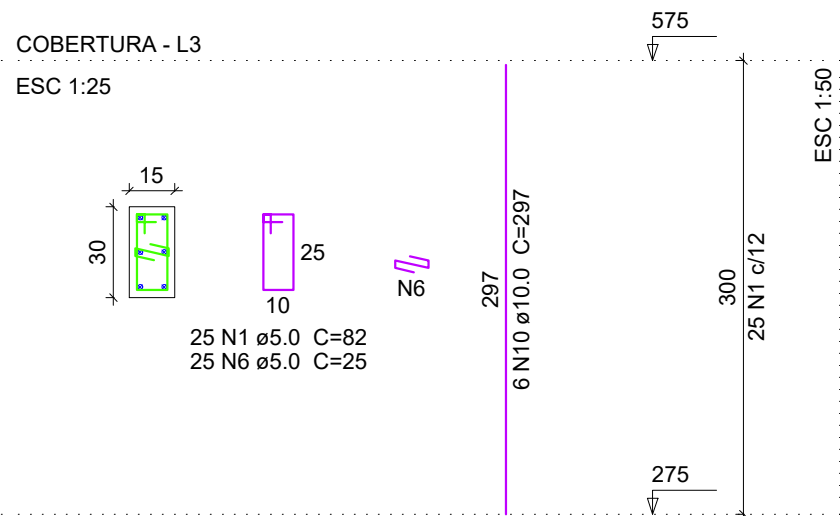
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	498.1	337.8
CA60	5.0	906.6	148.9
PESO TOTAL (kg)			
CA50	486.7		
CA60	153.7		

Volume de concreto (C-25) = 6.78 m³
Área de forma = 99.09 m²

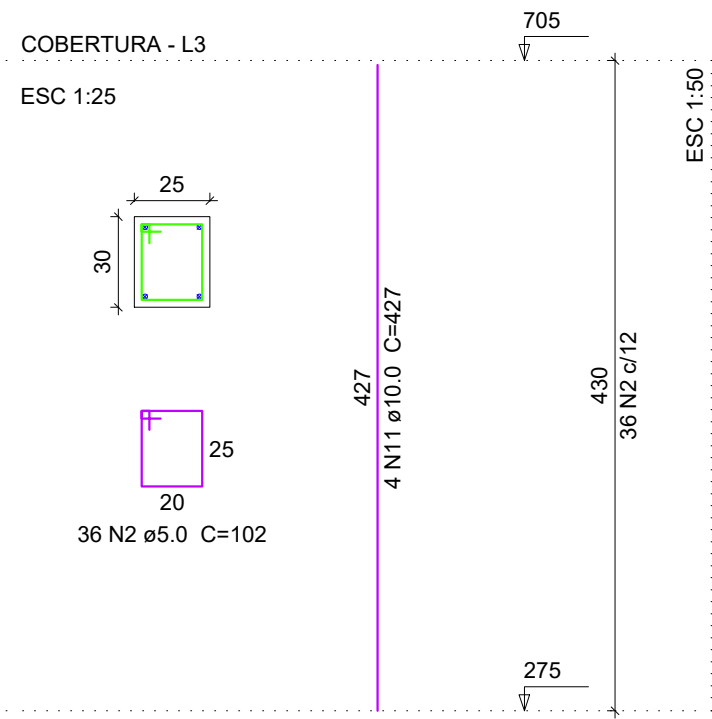
P1=P2



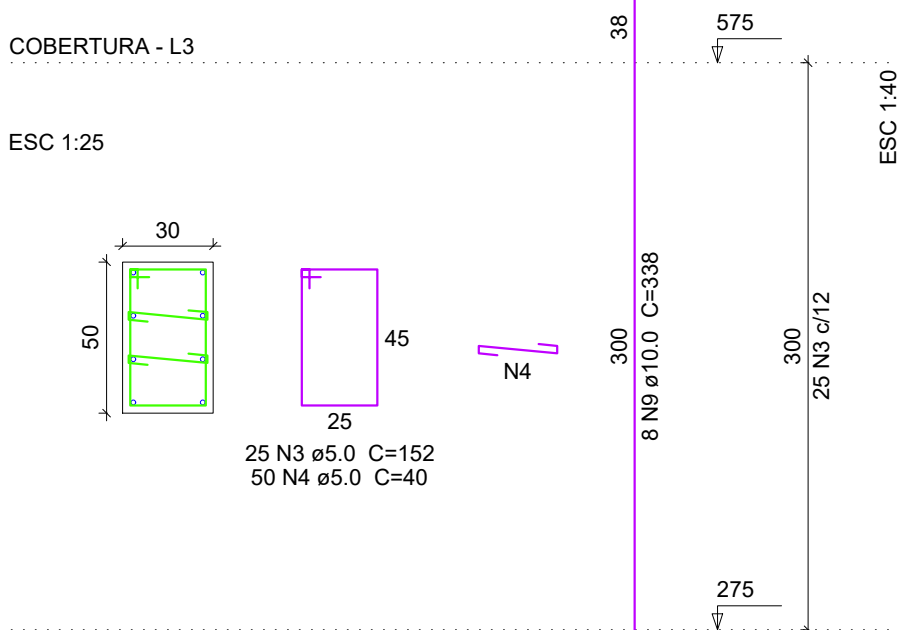
P3=P4=P5=P6=P7=P8



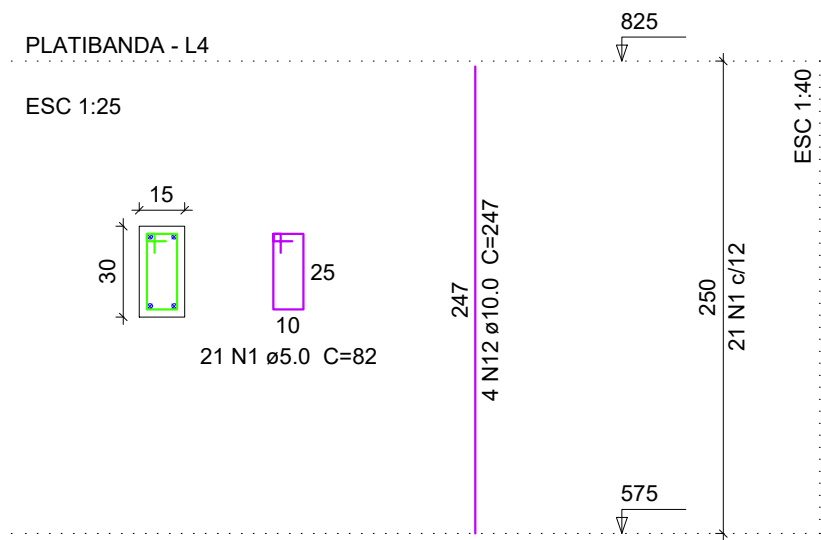
P9=P14



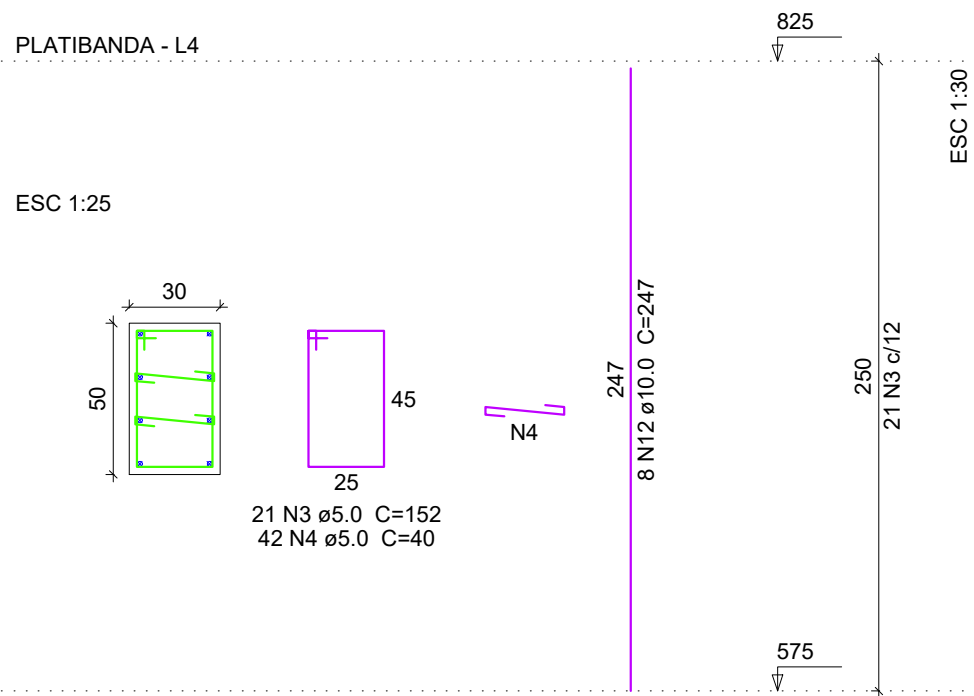
P11=P12



P1=P2



P11=P12



PROJETO ESTRUTURAL PALCO
PREFEITURA MUNICIPAL
DE JAPONVAR

ENDEREÇO=
PALCO PARQUE

PRANCHA=
04 DE 09

ÁREA TOTAL=
m²

RESP. TÉCNICO=

ARIEL FERREIRA ROCHA
CREA-MG: 210.948/D

PREFEITURA MUNICIPAL JAPONVAR
CNPJ: 01.612.476/0001-46