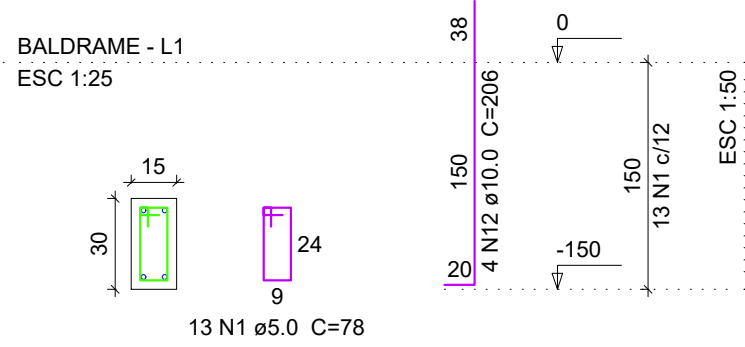
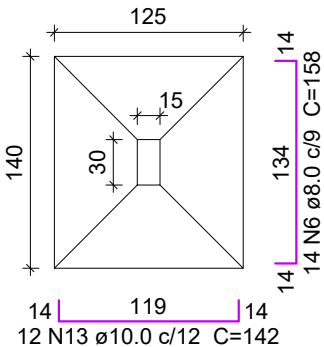


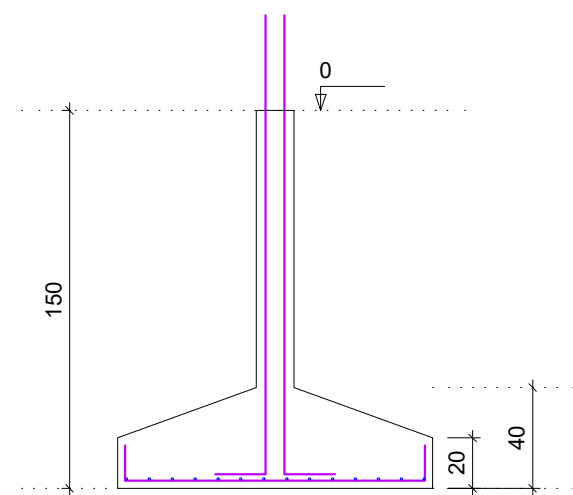
P1=P2



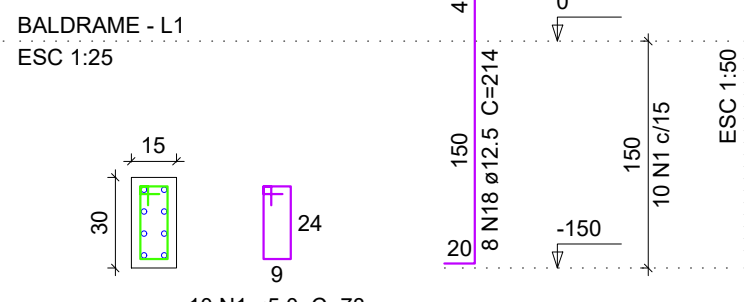
S1=S2
PLANTA
ESC 1:50



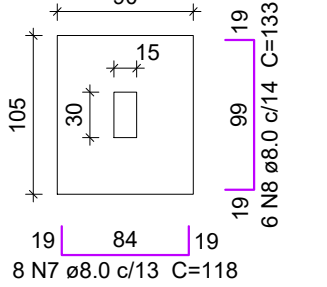
CORTE
ESC 1:30



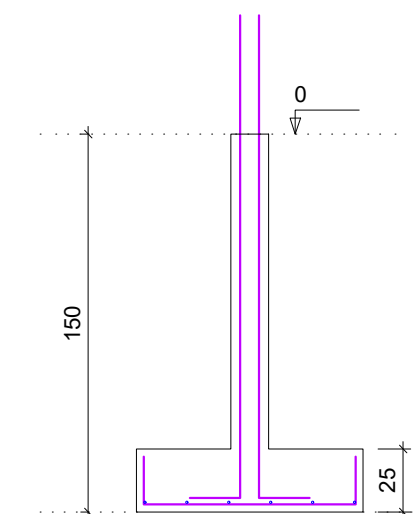
P3=P4



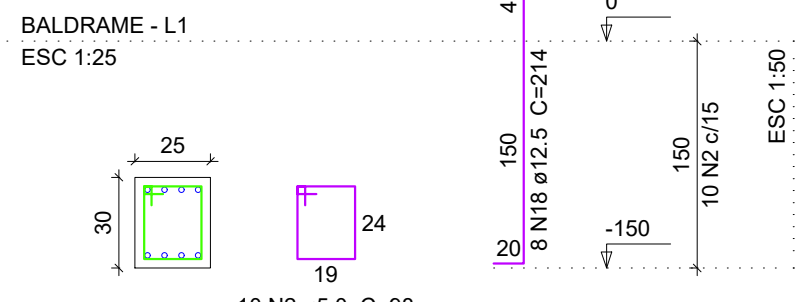
S3=S4
PLANTA
ESC 1:50



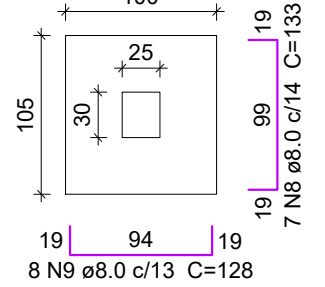
CORTE
ESC 1:30



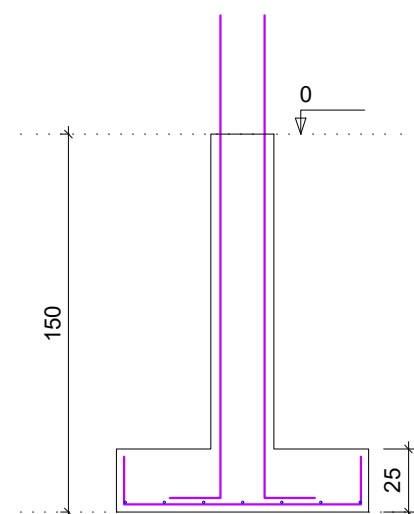
P9=P14



S9=S14
PLANTA
ESC 1:50



CORTE
ESC 1:30



Relação do aço

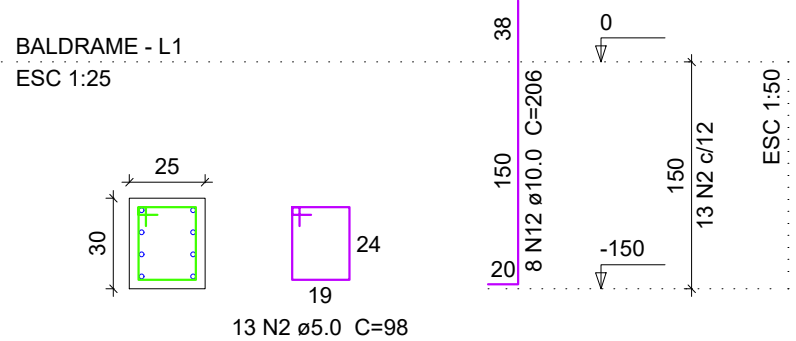
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	46	78	3588
	2	5.0	105	98	10290
	3	5.0	26	148	3848
	4	5.0	52	39	2028
CA50	5	5.0	20	34	680
	6	8.0	28	158	4424
	7	8.0	16	118	1888
	8	8.0	26	133	3458
	9	8.0	16	128	2048
	10	8.0	12	103	1236
	11	8.0	12	108	1296
	12	10.0	76	206	15656
	13	10.0	24	142	3408
	14	10.0	32	162	5184
	15	10.0	26	182	4732
	16	10.0	24	152	3648
	17	10.0	22	157	3454
	18	12.5	48	214	10272
	19	12.5	38	206	7828
	20	12.5	34	211	7174
	21	16.0	14	220	3080
	22	16.0	13	225	2925

Resumo do aço

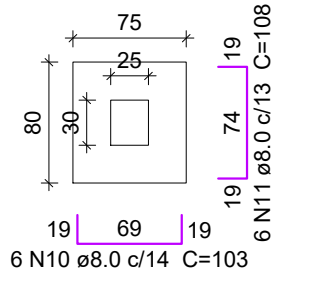
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	143.5	62.3
	10.0	360.9	244.7
	12.5	252.8	267.8
	16.0	60.1	104.3
CA60	5.0	204.4	34.6
PESO TOTAL (kg)			
CA50		679.1	
CA60		34.6	

Volume de concreto (C-25) = 10.46 m³
Área de forma = 42.14 m²

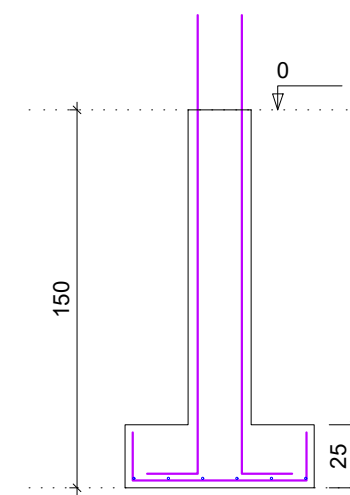
P10=P13



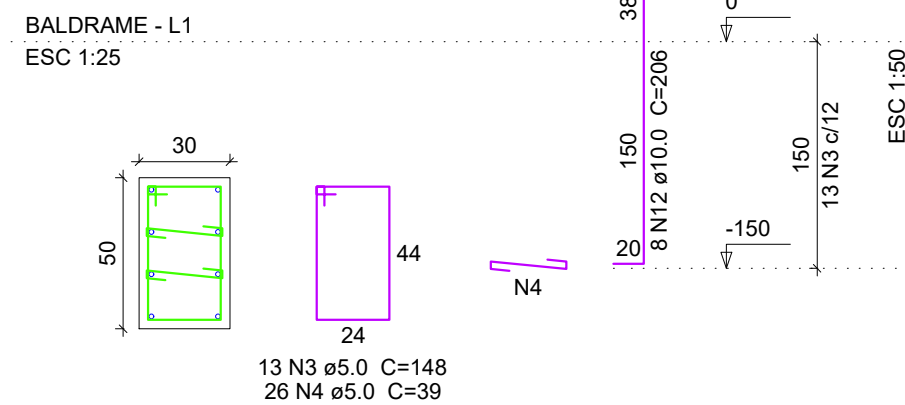
S10=S13
PLANTA
ESC 1:50



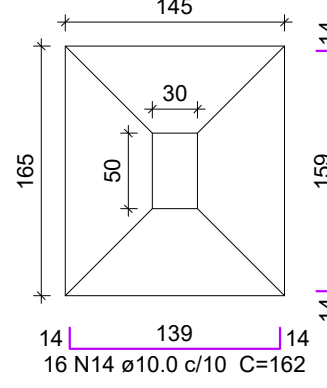
CORTE
ESC 1:30



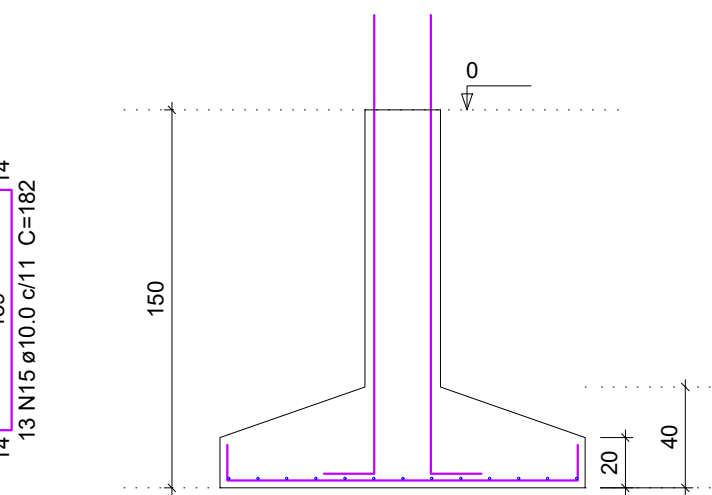
P11=P12



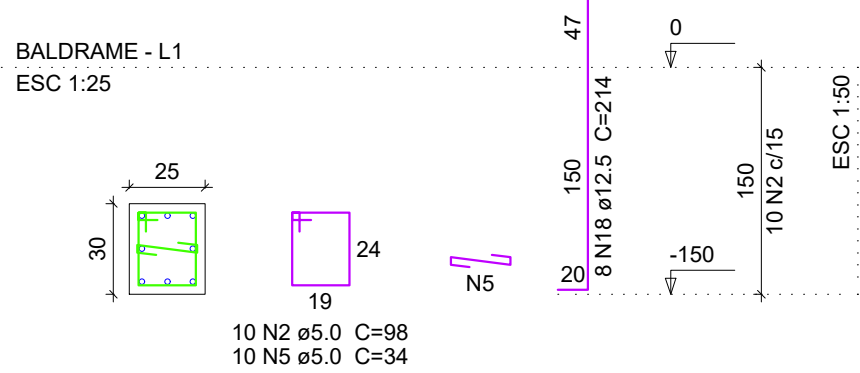
S11=S12
PLANTA
ESC 1:50



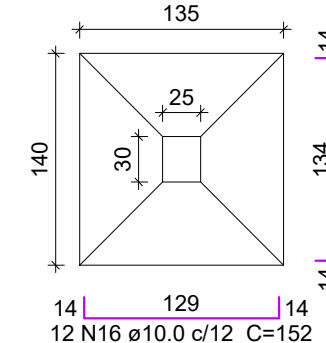
CORTE
ESC 1:30



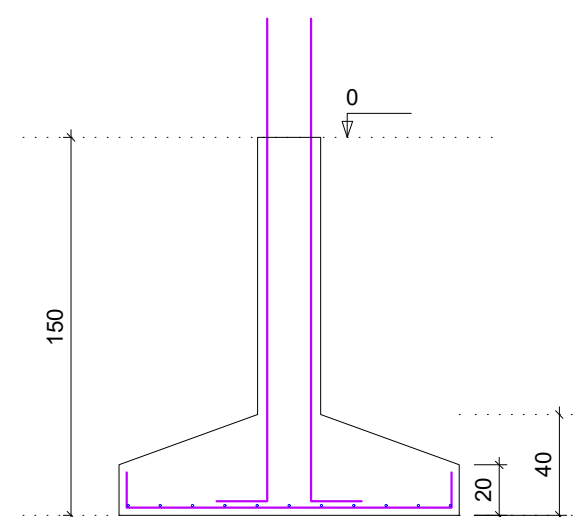
P15=P19



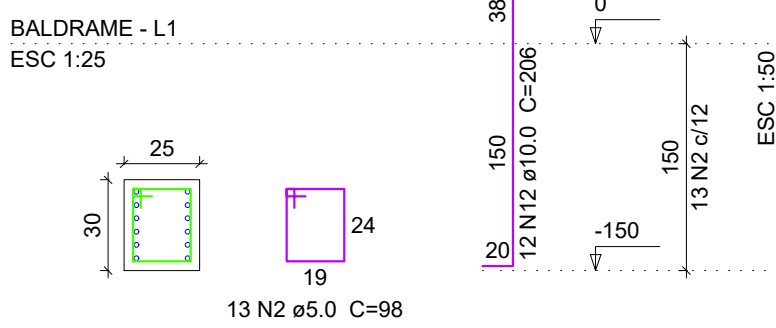
S15=S19
PLANTA
ESC 1:50



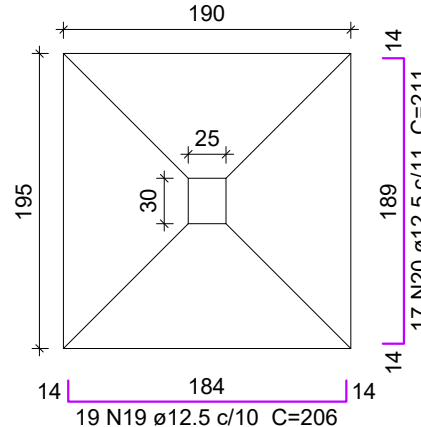
CORTE
ESC 1:30



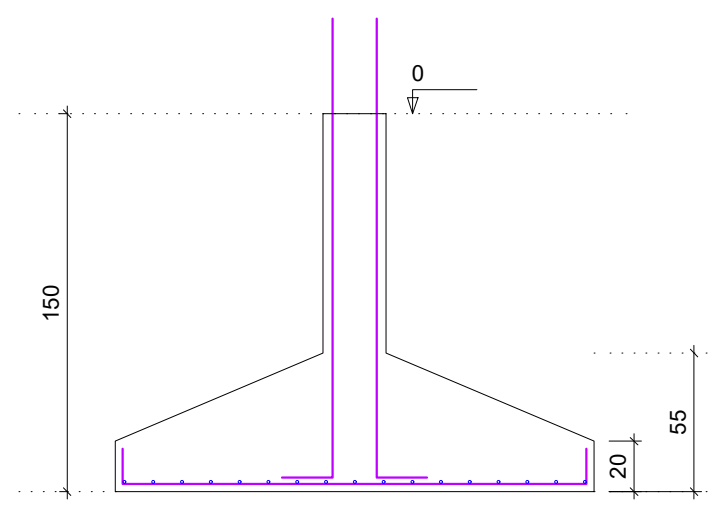
P16=P18



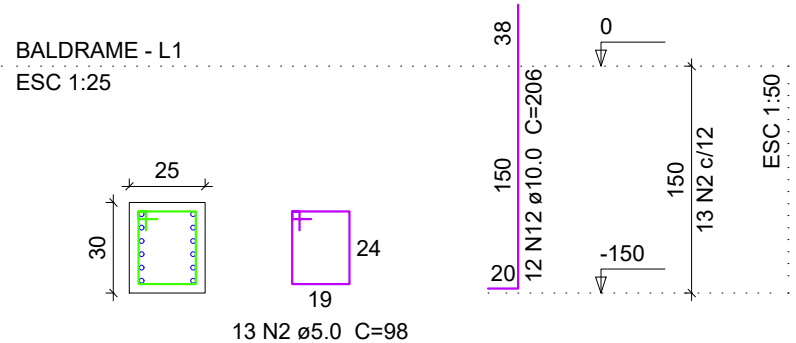
S16=S18
PLANTA
ESC 1:50



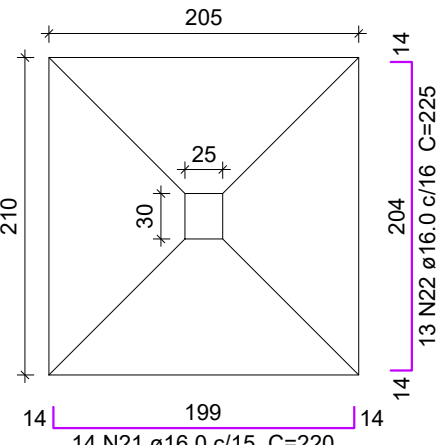
CORTE
ESC 1:30



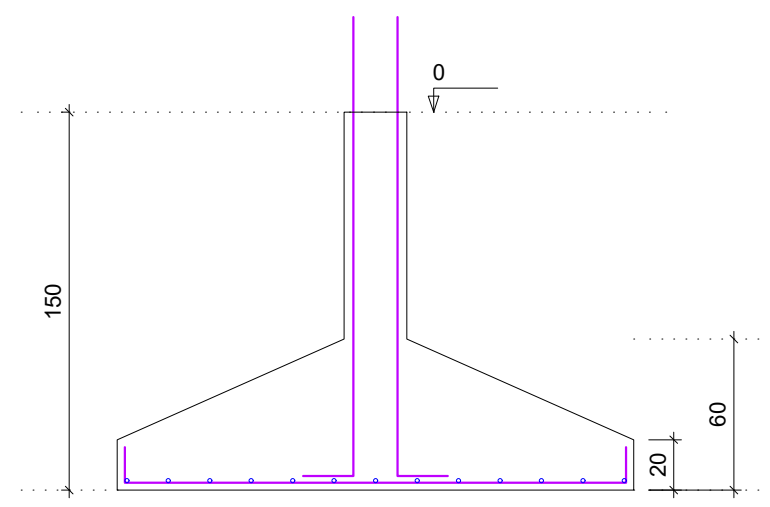
P17



S17
PLANTA
ESC 1:50



CORTE
ESC 1:30



PROJETO ESTRUTURAL PALCO
PREFEITURA MUNICIPAL
DE JAPONVAR

ENDEREÇO=

PALCO PARQUE

PRANCHA=

03 DE 09

ÁREA TOTAL=

m²

DATA=

ABRIL / 2024

RESP. TÉCNICO=

ARIEL FERREIRA ROCHA
CREA-MG: 210.948/D

PREFEITURA MUNICIPAL JAPONVAR
CNPJ: 01.612.476/0001-46