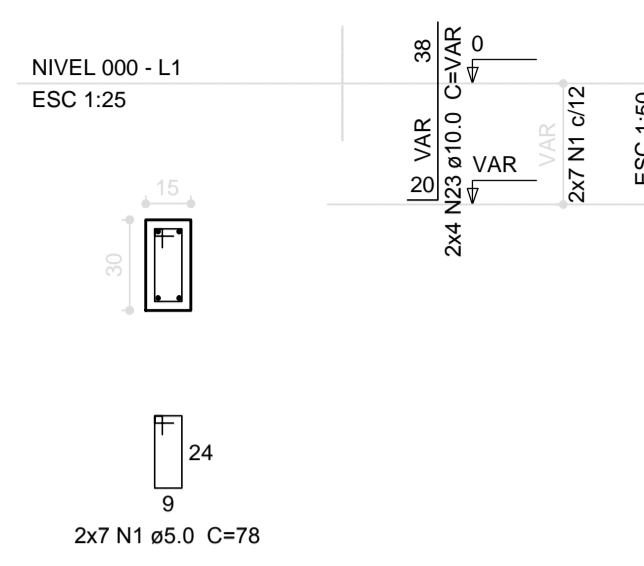
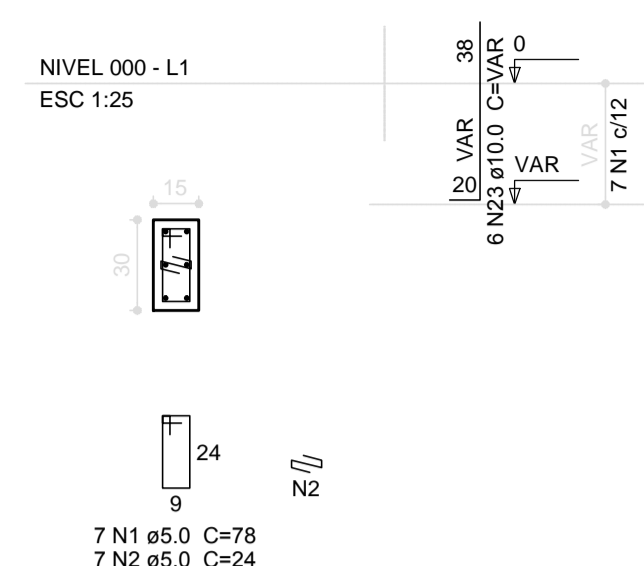


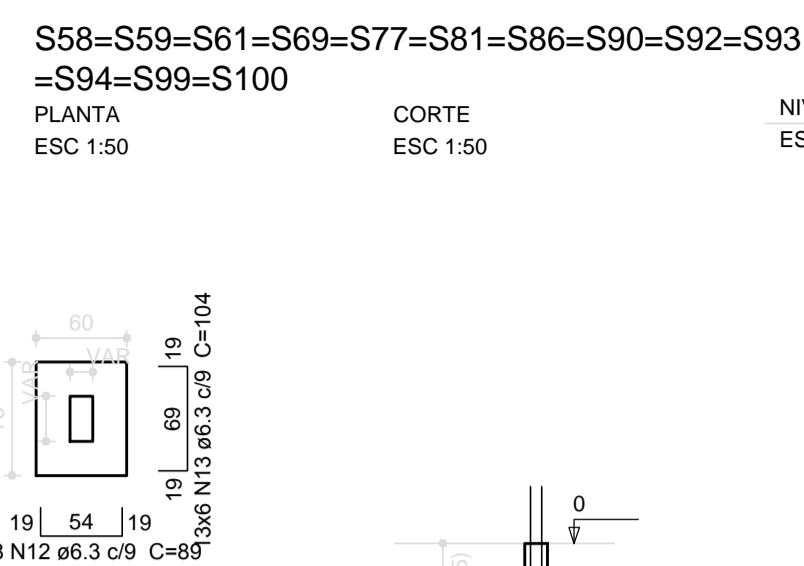
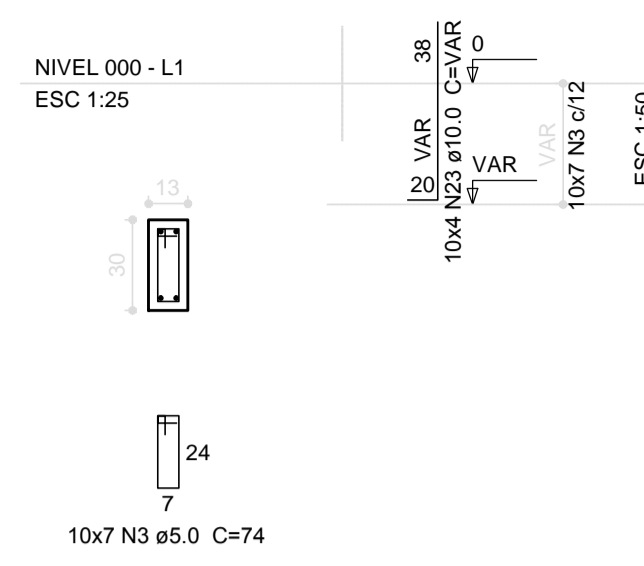
P58=P59



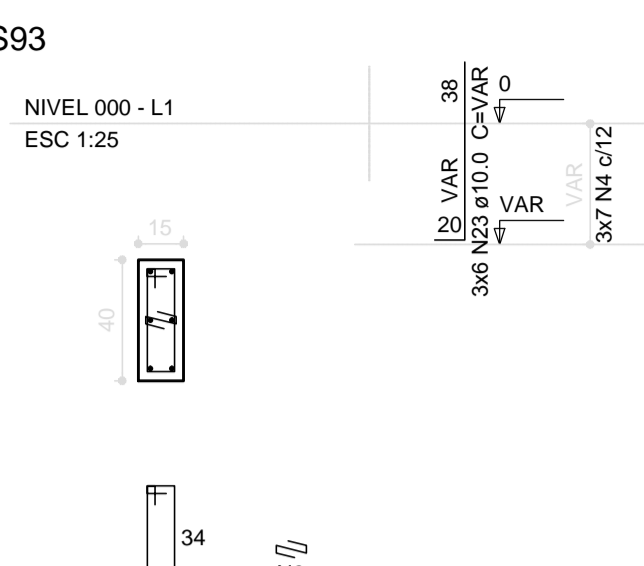
P61



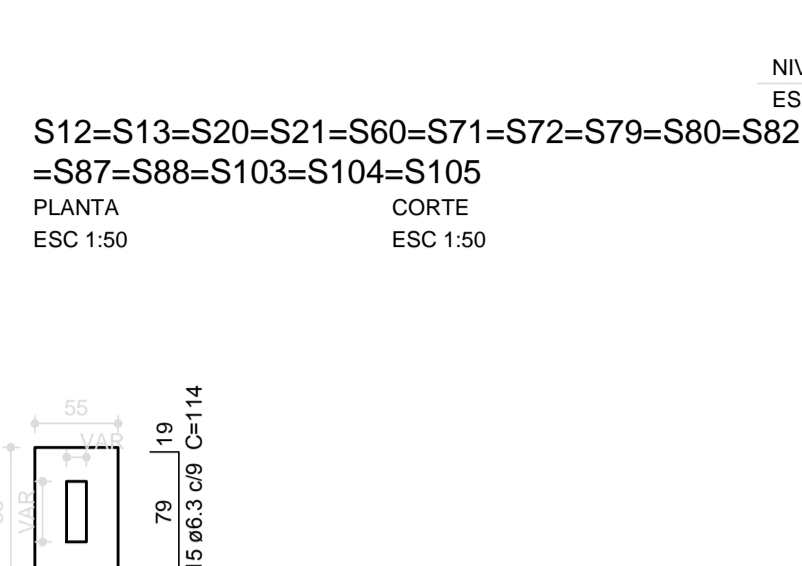
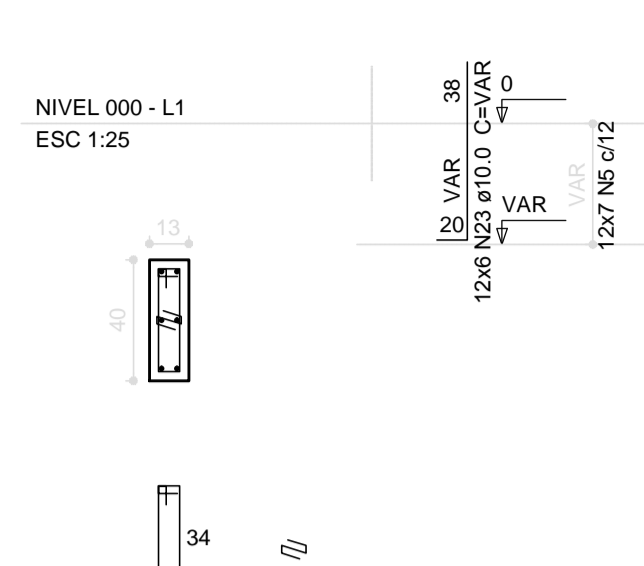
P69=P77=P81=P86=P90=P92=P93=P94=P99=P100



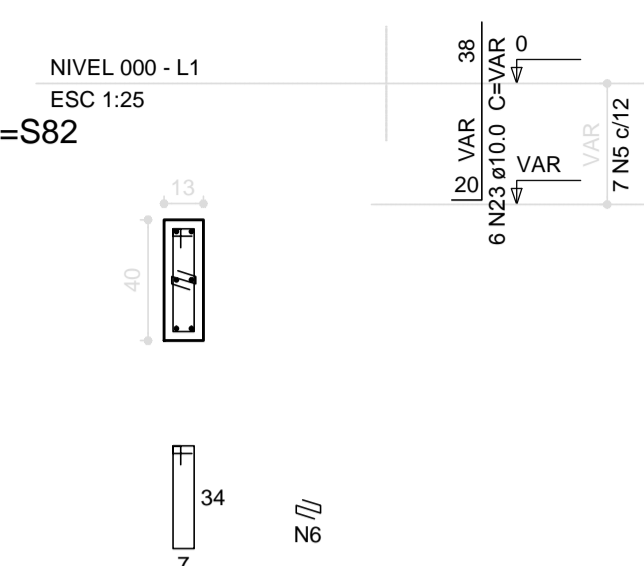
P12=P13=P60



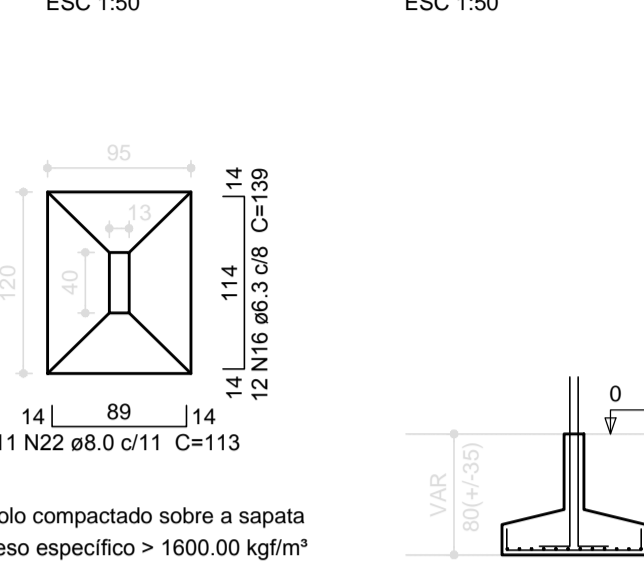
P20=P21=P71=P72=P79=P80=P82=P87=P88=P103=P104=P105



P65=P74=P75



S65-S74-S75



Relação do aço

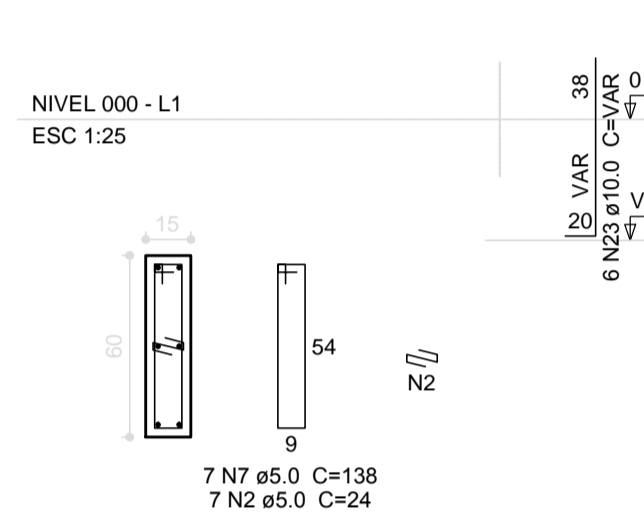
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	28	78	2184
	2	5.0	357	74	8568
	3	5.0	77	24	5998
	4	5.0	28	98	2744
	5	5.0	196	94	18424
	6	5.0	203	22	4466
	7	5.0	7	138	966
	8	5.0	287	118	33866
	9	5.0	7	148	1036
	10	5.0	14	39	546
	11	5.0	21	22	462
	12	6.3	514	60	45748
	13	6.3	117	104	12168
	14	6.3	135	84	11340
	15	6.3	90	114	10280
	16	6.3	36	139	5004
	17	6.3	240	124	29760
	18	6.3	24	134	3216
	19	6.3	174	99	17226
	20	6.3	72	119	8568
	21	6.3	56	129	7224
	22	8.0	33	113	3729
	23	10.0	538	VAR	VAR
	24	12.5	20	VAR	VAR

Resumo do aço

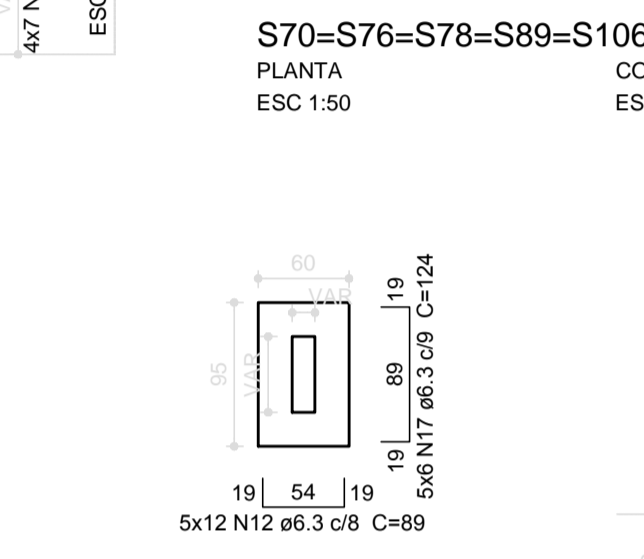
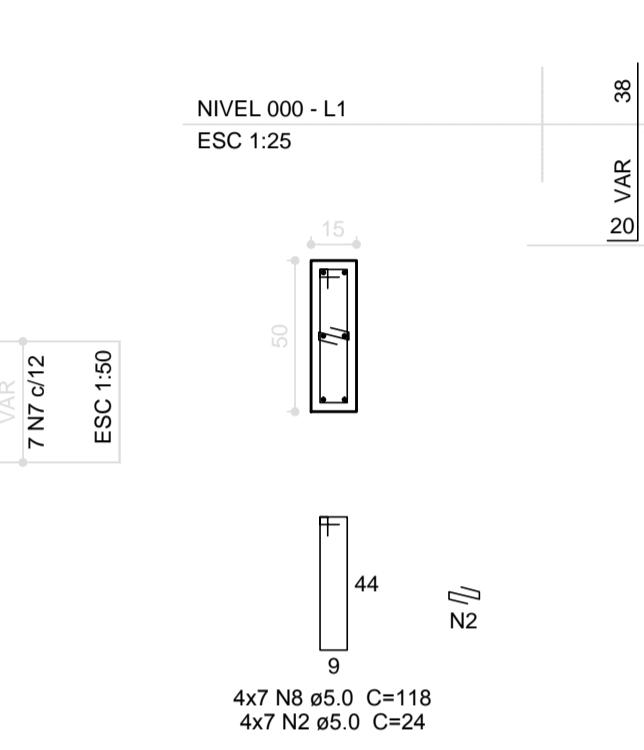
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	1505.2	405.1
	8.0	37.3	16.2
	10.0	731.7	486.2
	12.5	28.8	30.5
CA60	5.0	789.6	133.9
CA50		948.1	
CA60		133.9	

Volume de concreto (C-25) = 17.47 m³
Área de forma = 151.54 m²

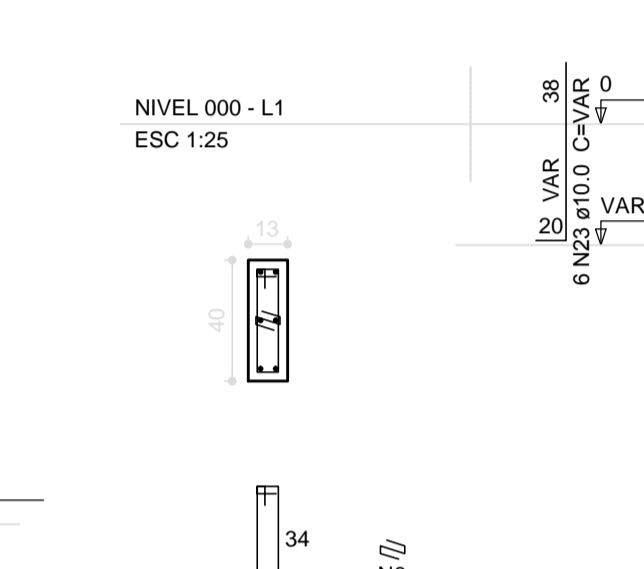
P70



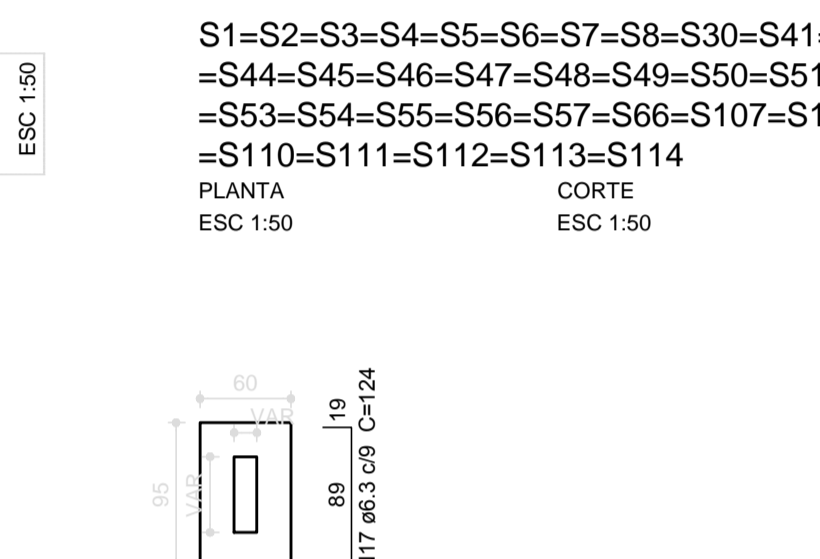
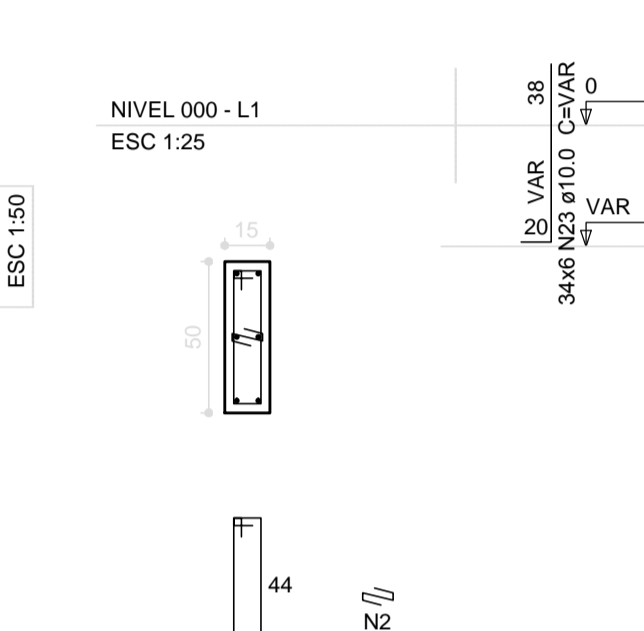
P76=P78=P89=P106



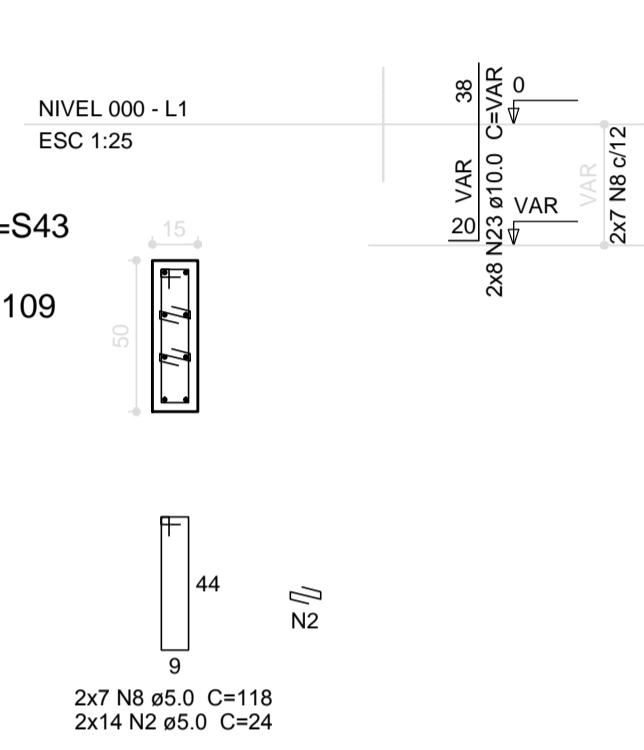
P30



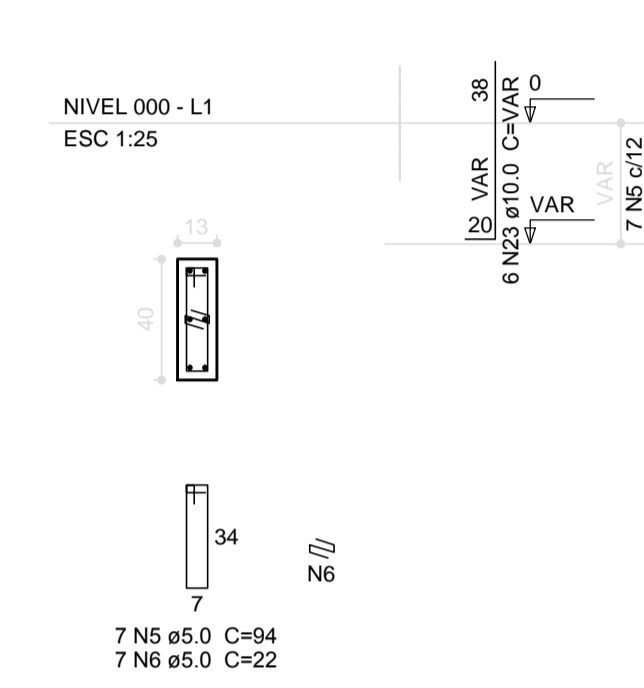
P1=P2=P3=P4=P5=P6=P7=P8=P41=P42=P43=P44=P45=P46=P47=P48=P49=P50=P51=P52=P53=P54=P55=P56=P57=P66=P107=P108=P109=P110=P111=P112=P113=P114



P9=P16



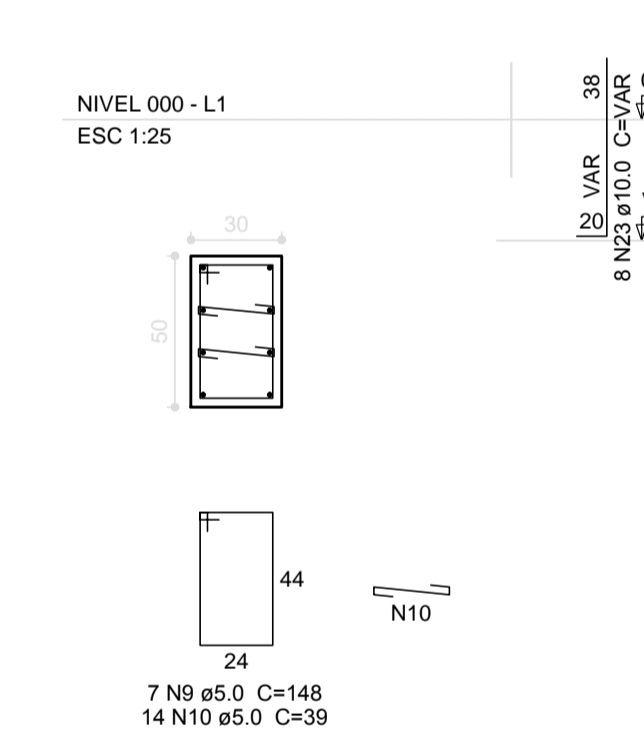
P35



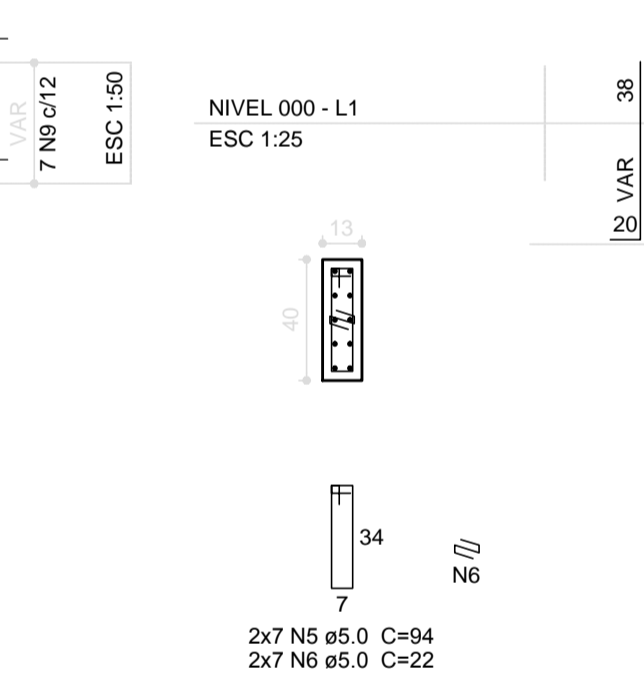
S9-S16-S35



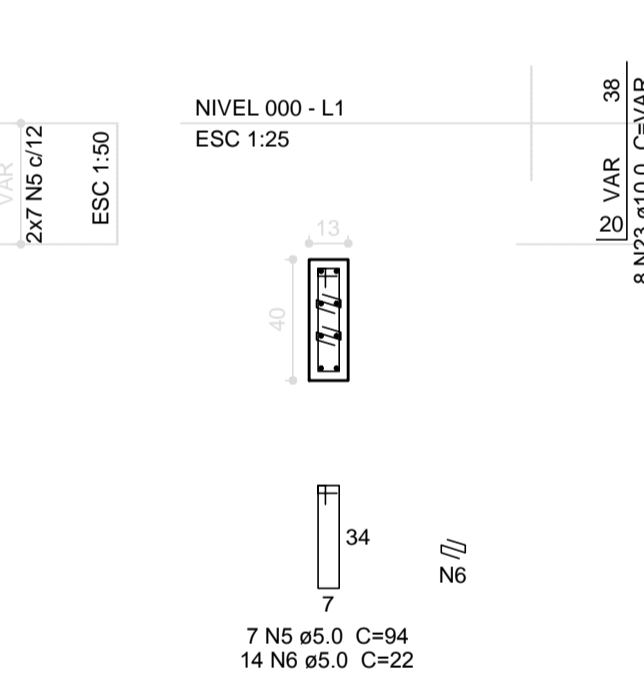
P102



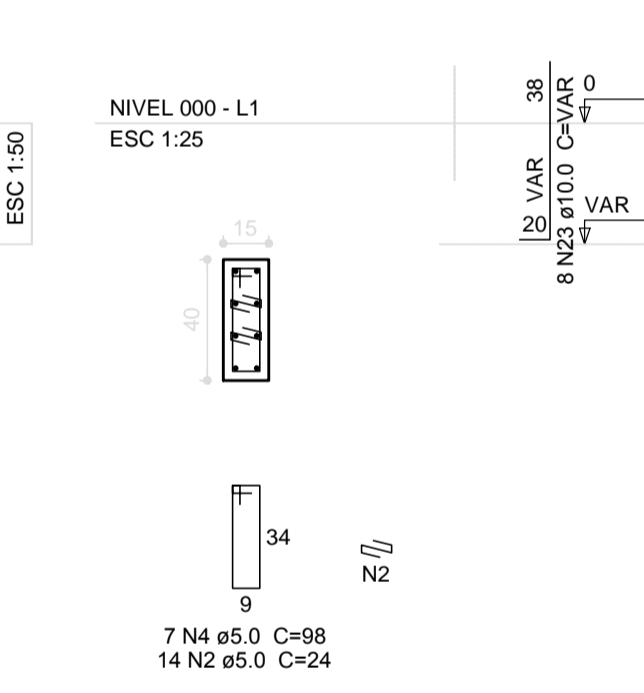
P28=P29



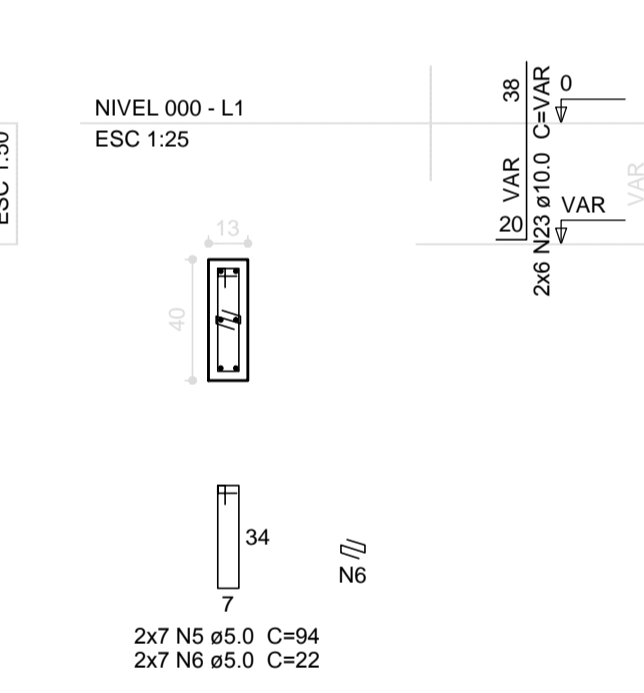
P31



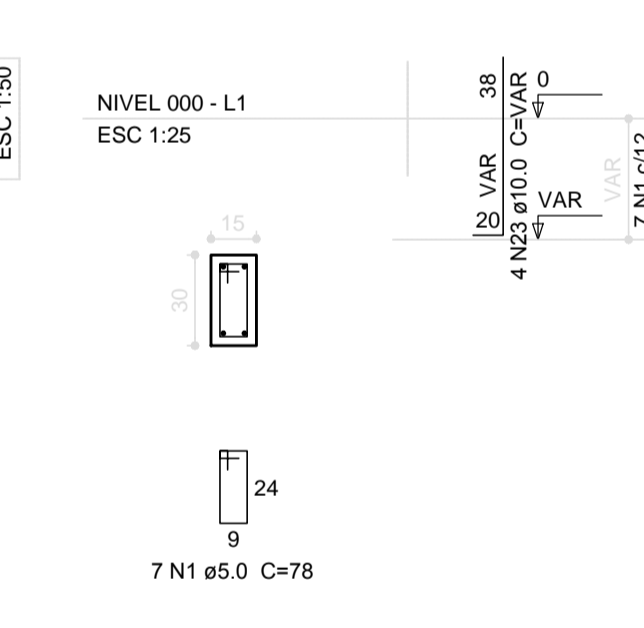
P33



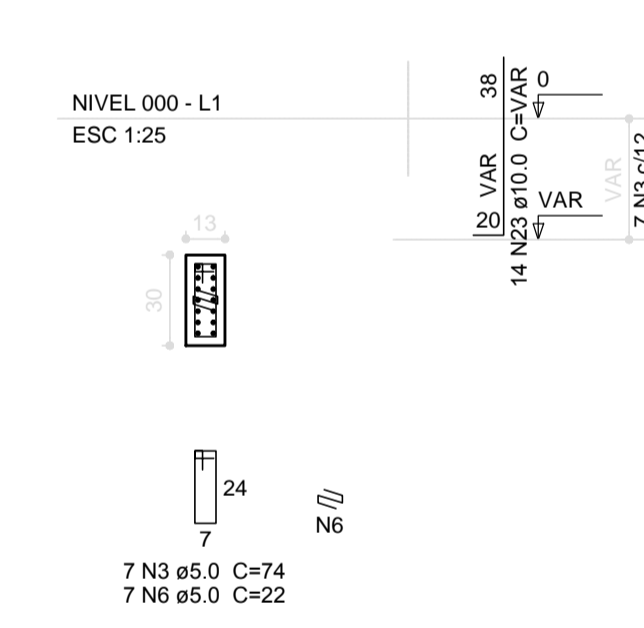
P38=P39



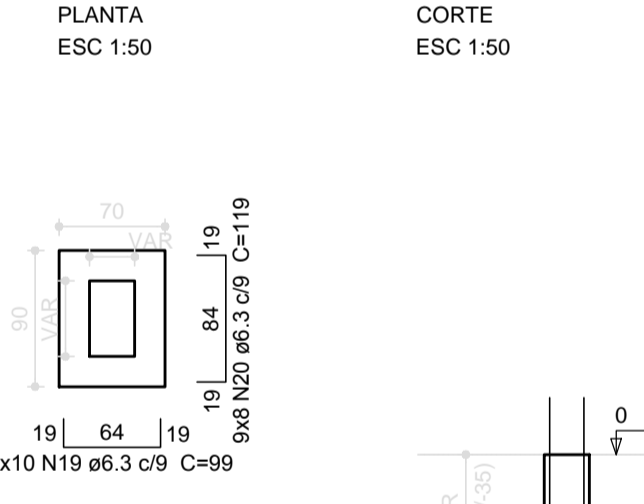
P85



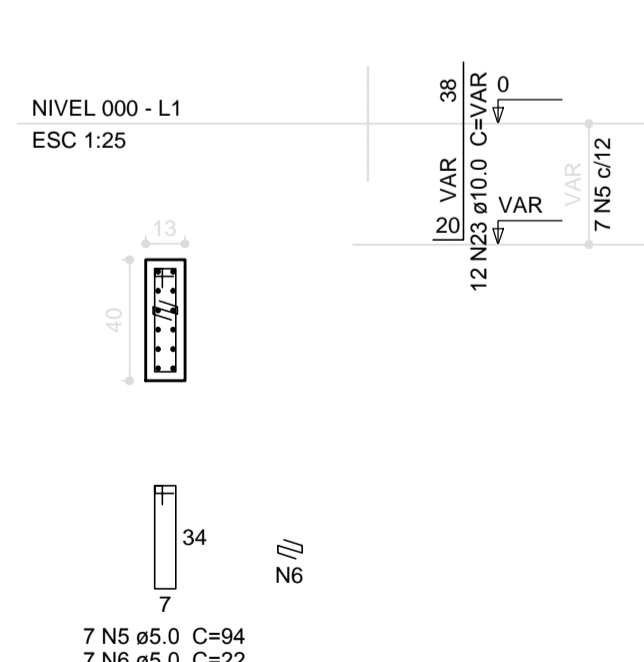
P91



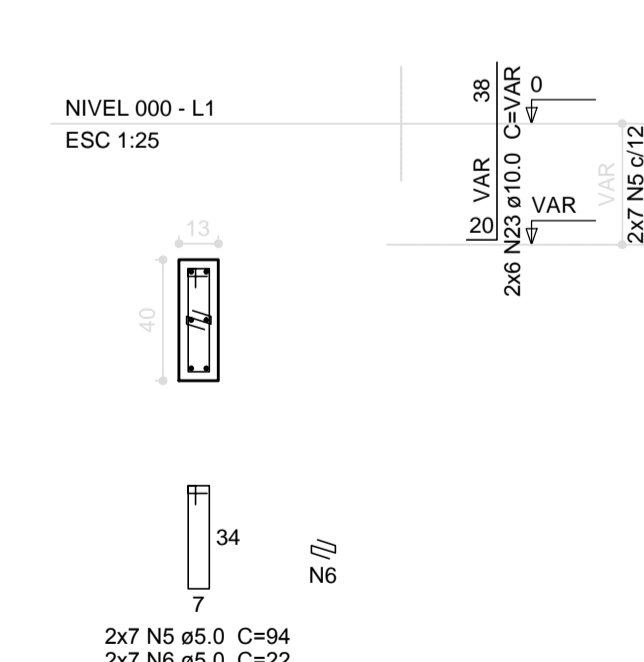
S28-S29-S31-S33-S38-S39-S85-S91-S102



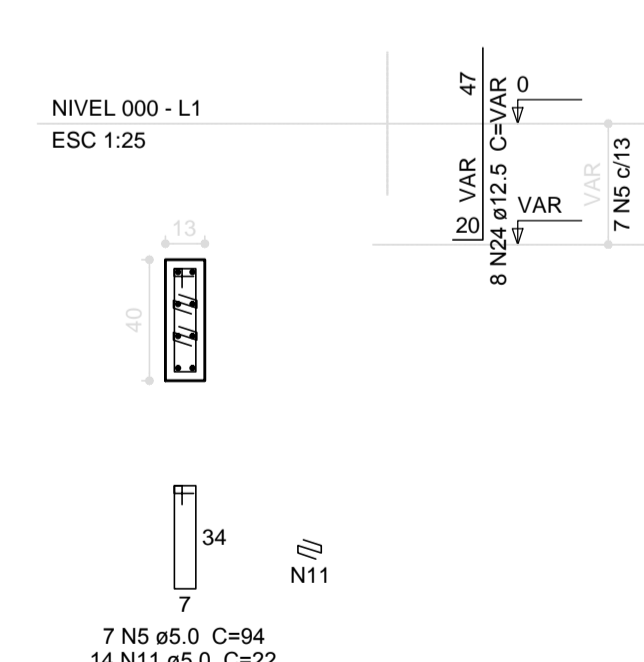
P18



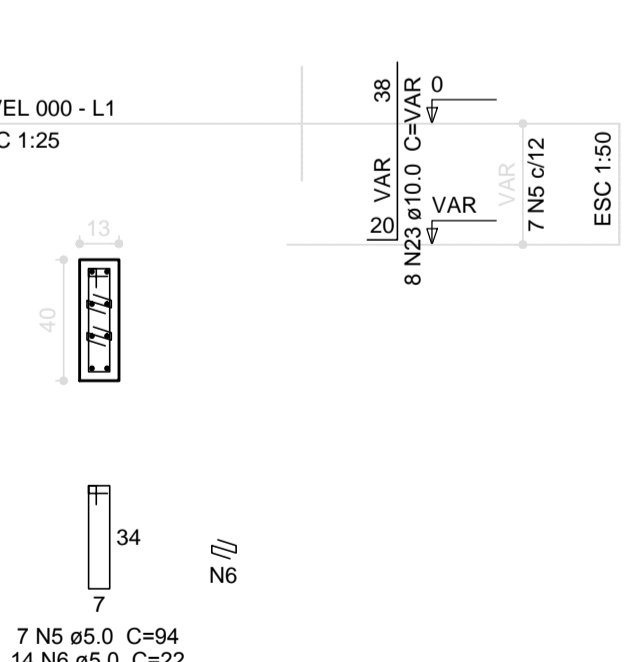
P19=P22



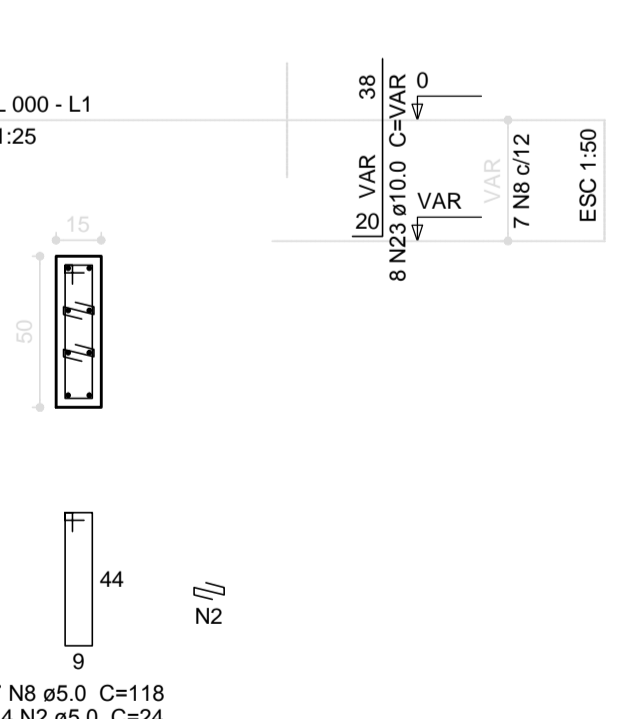
P23



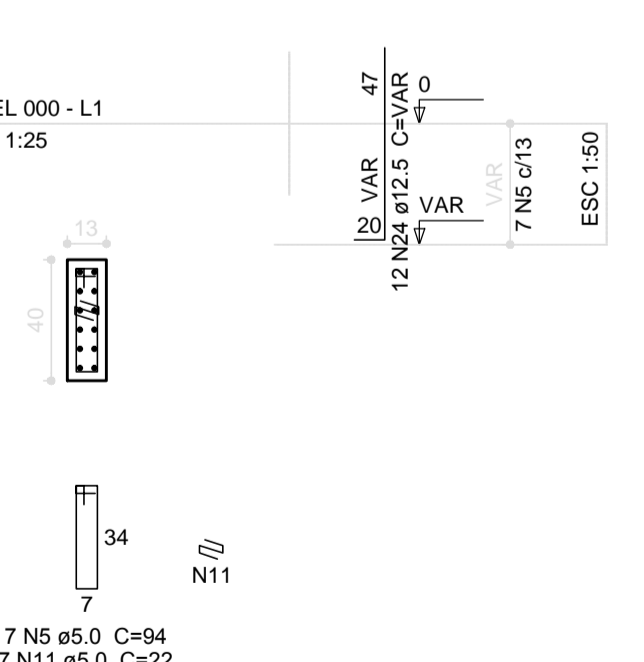
P26



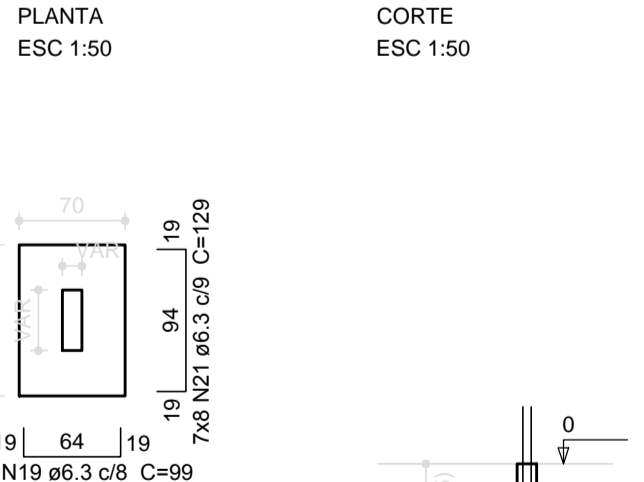
P40



P63



S18-S19-S22-S23-S26-S40-S63



FNDE Fundo Nacional de Desenvolvimento da Educação
Ministério da Educação
BRASIL PÁTRIA EDUCADORA

PROJETO PADRÃO - FNDE

PROPRIETÁRIO: _____
 ENDEREÇO: _____
 MUNICÍPIO - UF: _____

PROPRIETÁRIO: _____
 RESP. TÉCNICO: _____ CREA: _____
 AUTOR DO PROJETO: _____ CAU: _____

DLFO: _____ CREA: _____
 RA: _____

OBSERVAÇÕES: _____

PROJETO EXECUTIVO

PROGRAMA PROINFÂNCIA - PROJETO TIPO 1
PROJETO DE ESTRUTURA

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional
 OPÇÃO: FUNDAÇÃO SAPATAS
 DETALHAMENTO DE SAPATAS
SFN

REVISÃO: R.00
 ESCALA: INDICADA
 DATA EMISSÃO: JUNHO/2015
 PRANCHA: 04/16