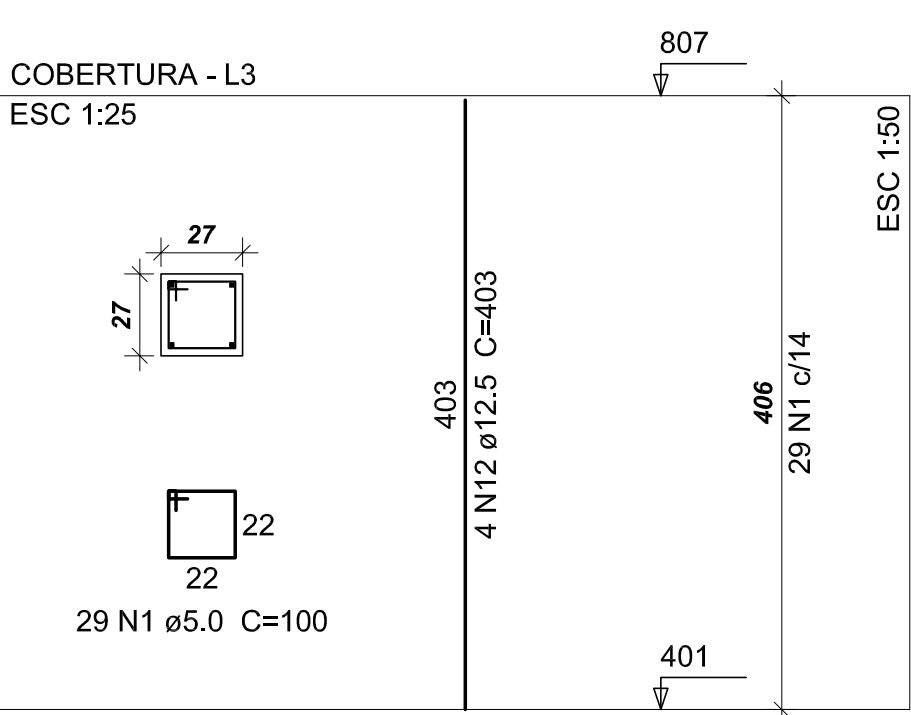
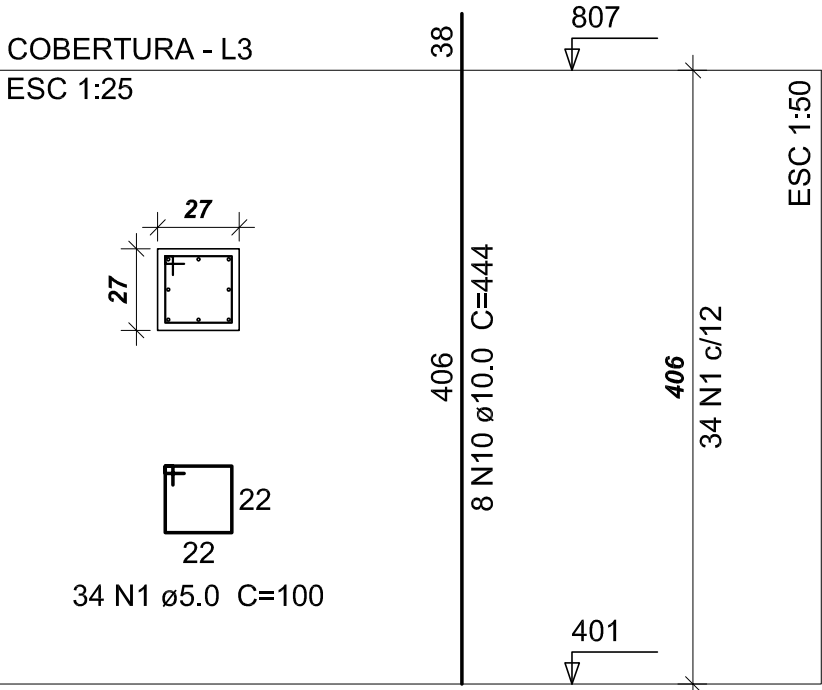


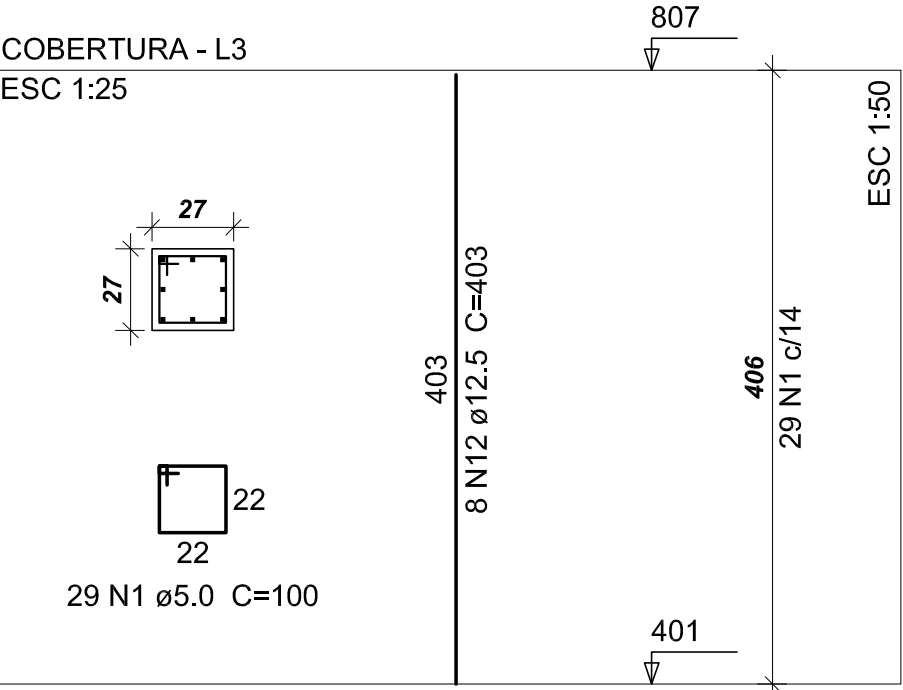
P11=P12=P17=P18=P31=P39
P44=P45=P46=P48
P52=P57=P63



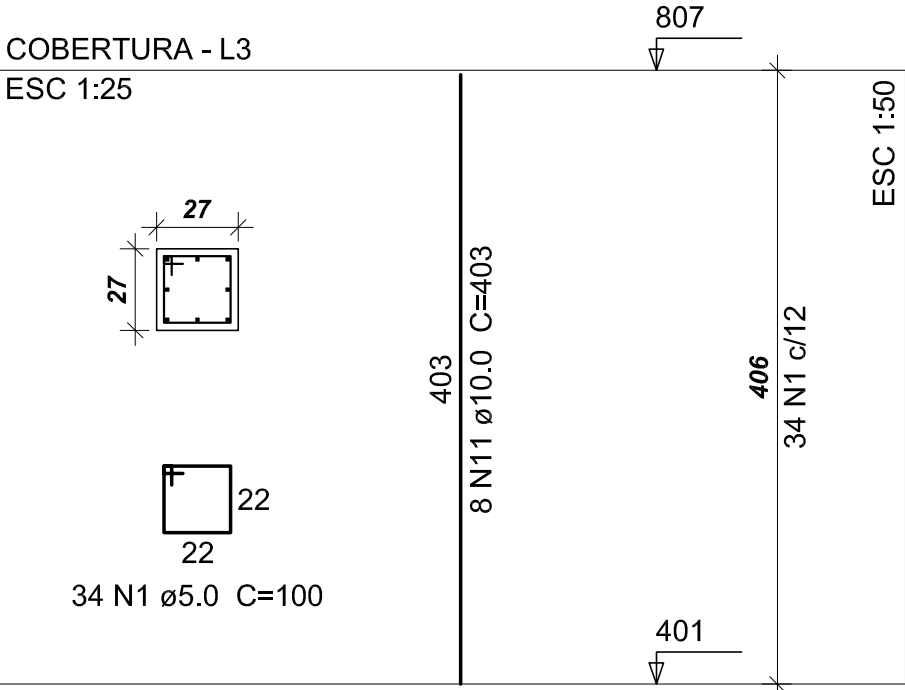
P14=P15



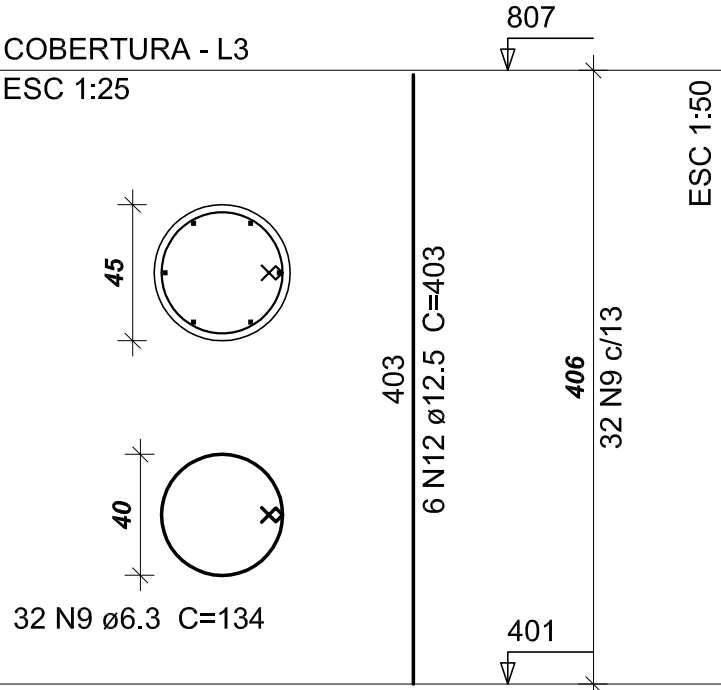
P19



P21=P67=P71



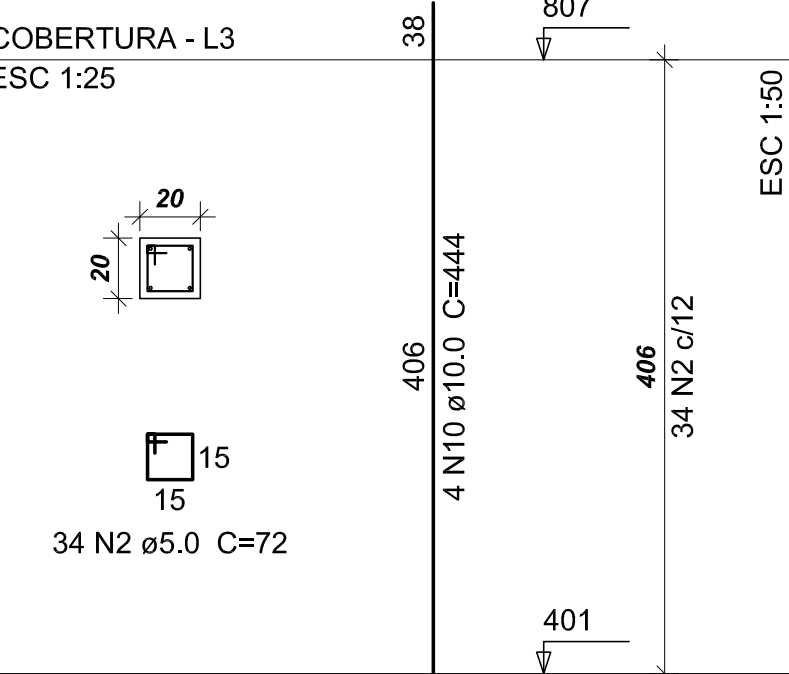
P50



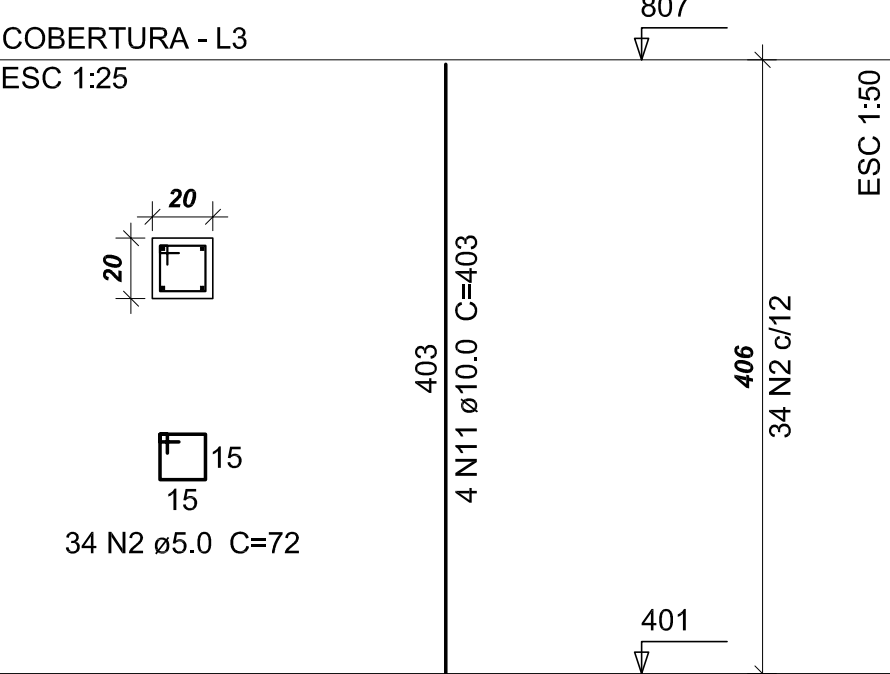
Relação do aço
Pilares no Segundo Pav.
que suportam a Cobertura

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1591	100	159100
	2	5.0	204	72	14688
	3	5.0	408	60	24480
	4	5.0	68	80	5440
	5	5.0	68	88	5984
	6	5.0	29	142	4118
CA50	7	5.0	28	135	3780
	8	5.0	34	92	3128
	9	6.3	32	134	4288
	10	10.0	24	444	10656
	11	10.0	224	403	90272
	12	12.5	72	403	29016
	13	16.0	8	403	3224

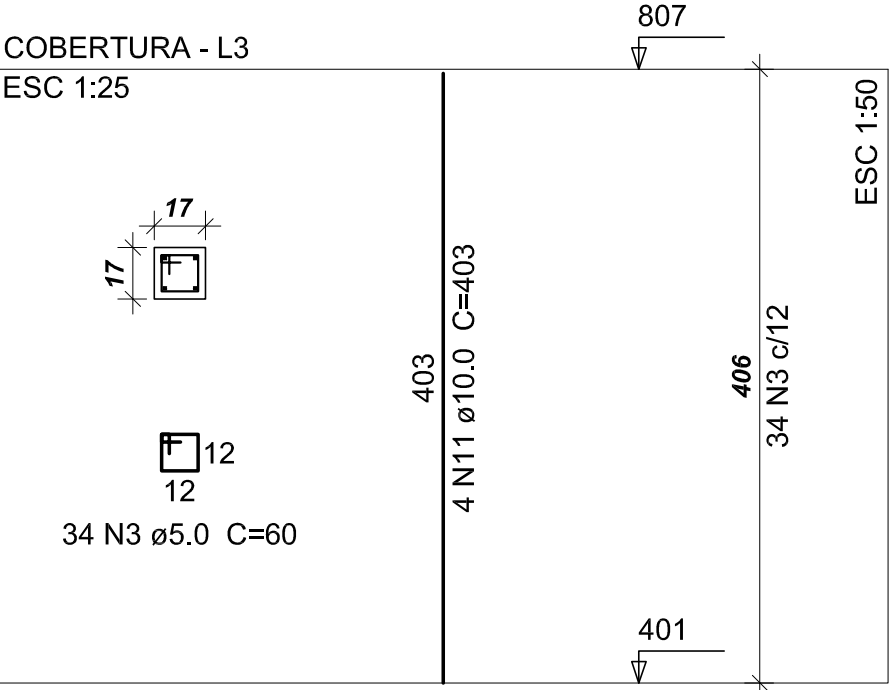
P25=P28



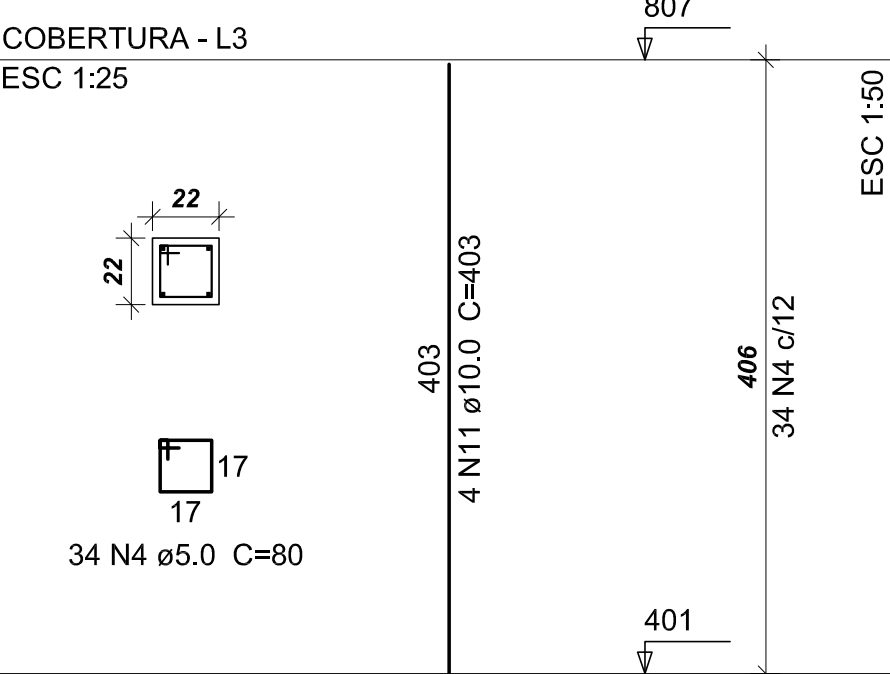
P26=P27=P29=P30



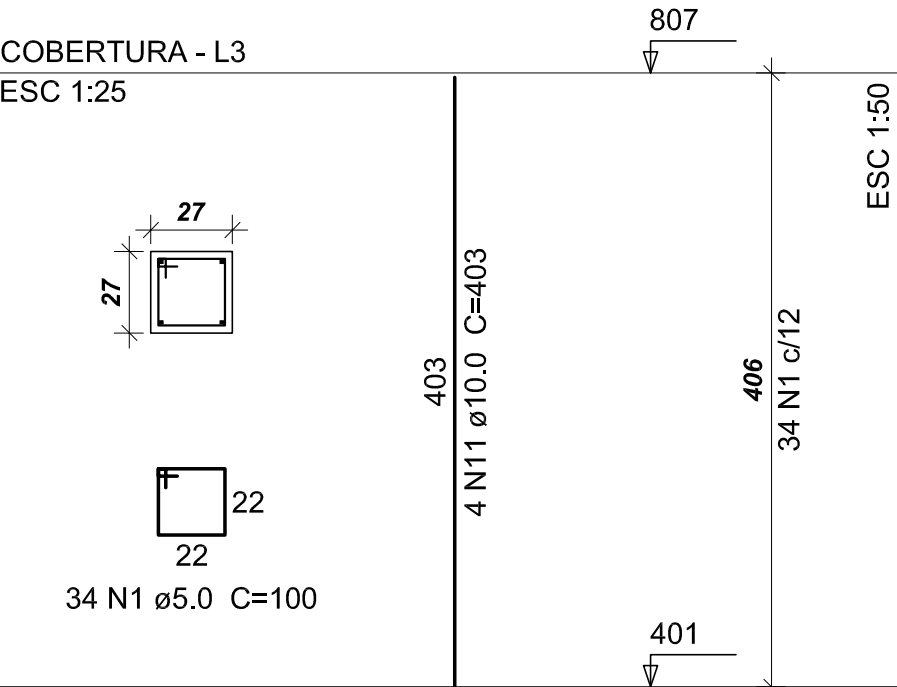
P3=P4=P5=P6=P7=P8
P73=P74=P75=P76=P77=P78



P38=P51



P9=P10=P13=P16=P20=P22=P32=P33=P34=P35
=P36=P37=P40=P41=P42=P43=P47=P49=P53
=P54=P55=P56=P60=P61=P62=P68=P69=P70
=P72

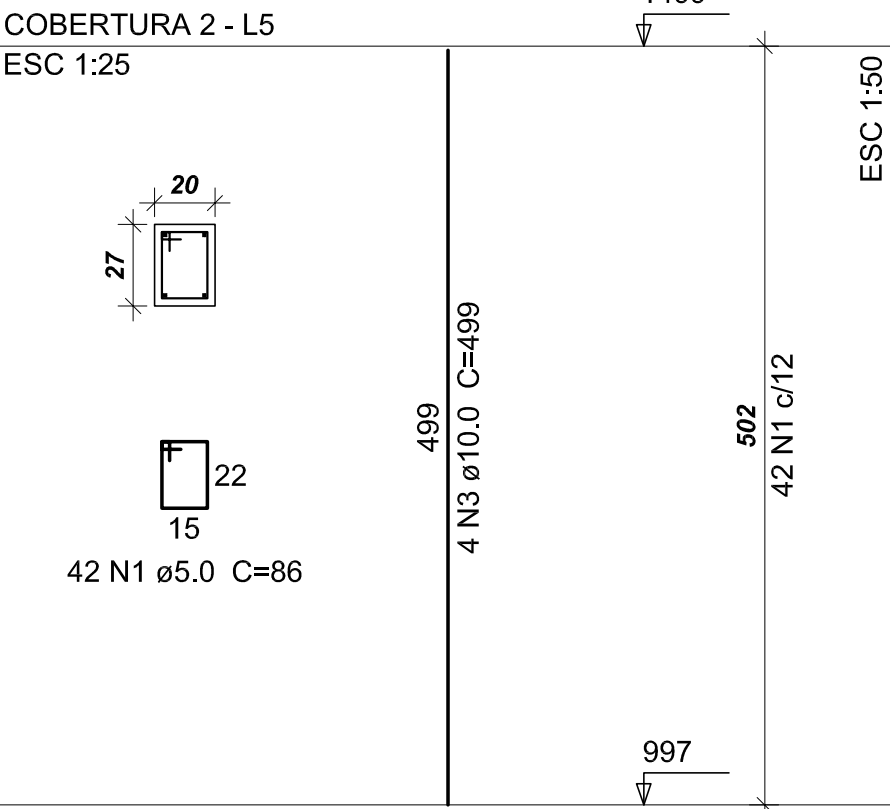


Resumo do aço

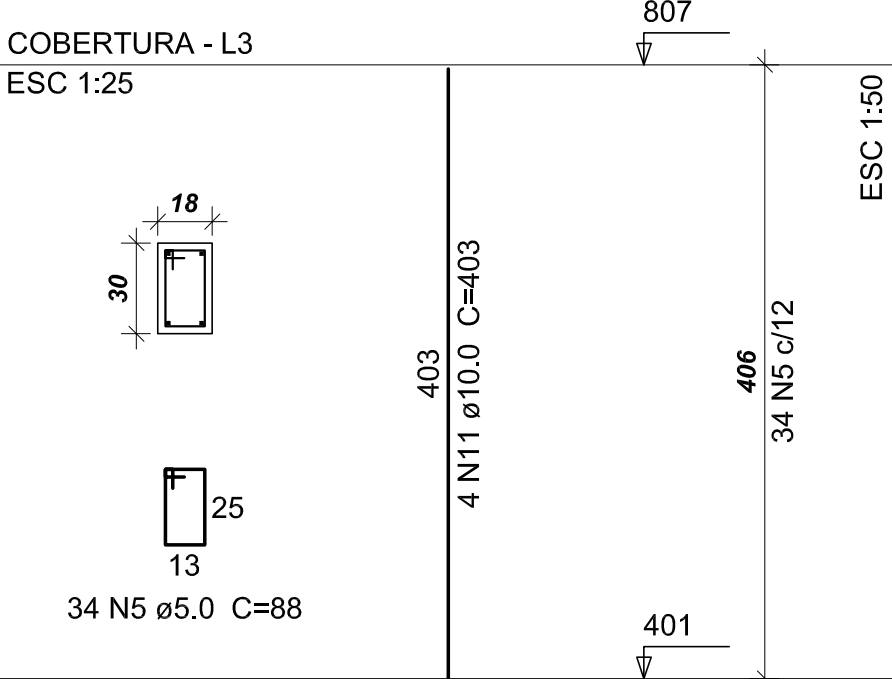
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	42.9	10.5
	10.0	1009.3	622.3
	12.5	290.2	279.5
CA60	16.0	32.3	50.9
	5.0	2207.2	340.2
PESO TOTAL			
CA50	963.2		
CA60	340.2		

Vol. de concreto total (C-25) = 19.48 m³
Área de forma total = 300.23 m²

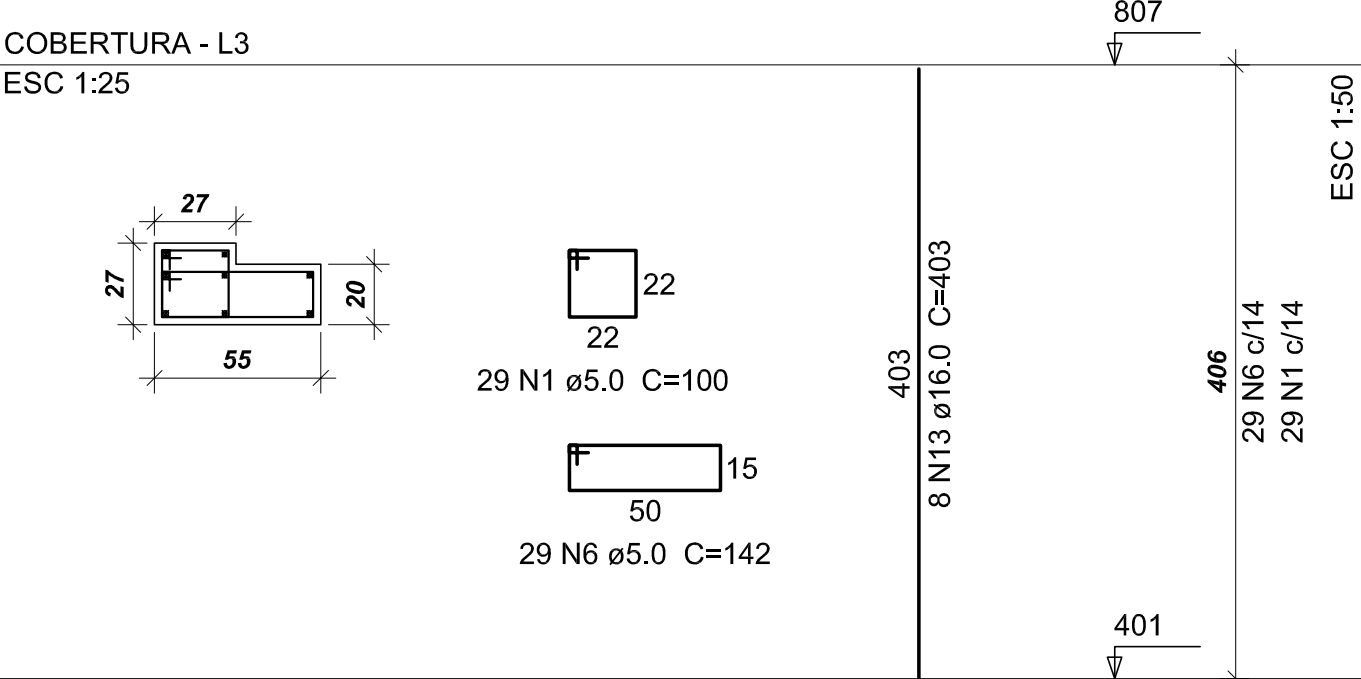
P14=P15



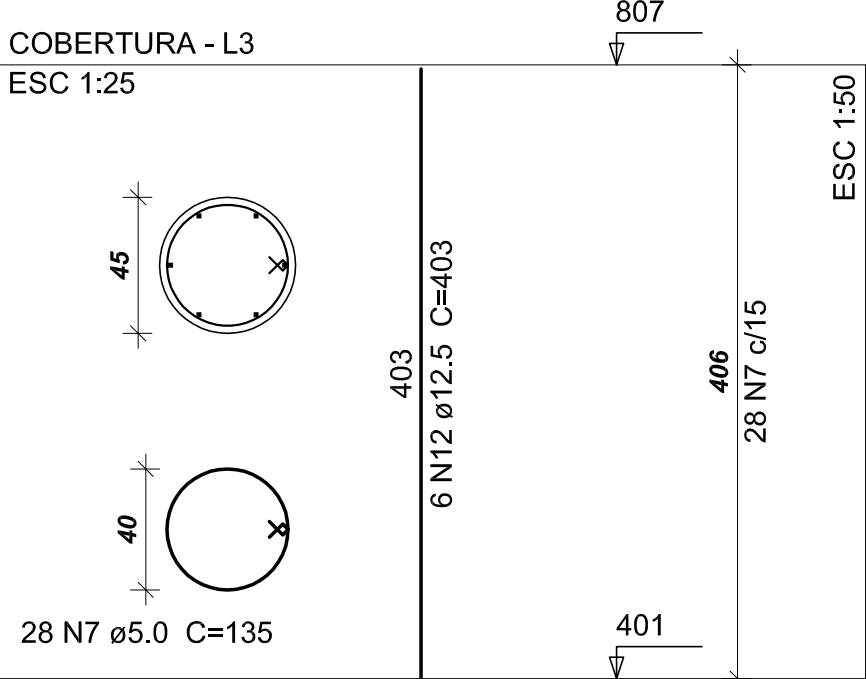
P58=P59



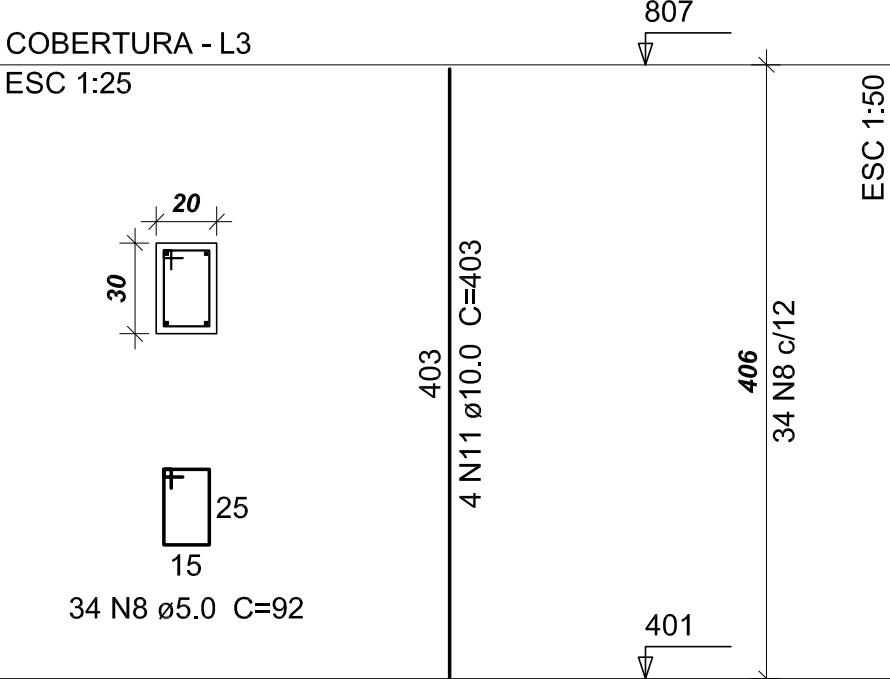
P64



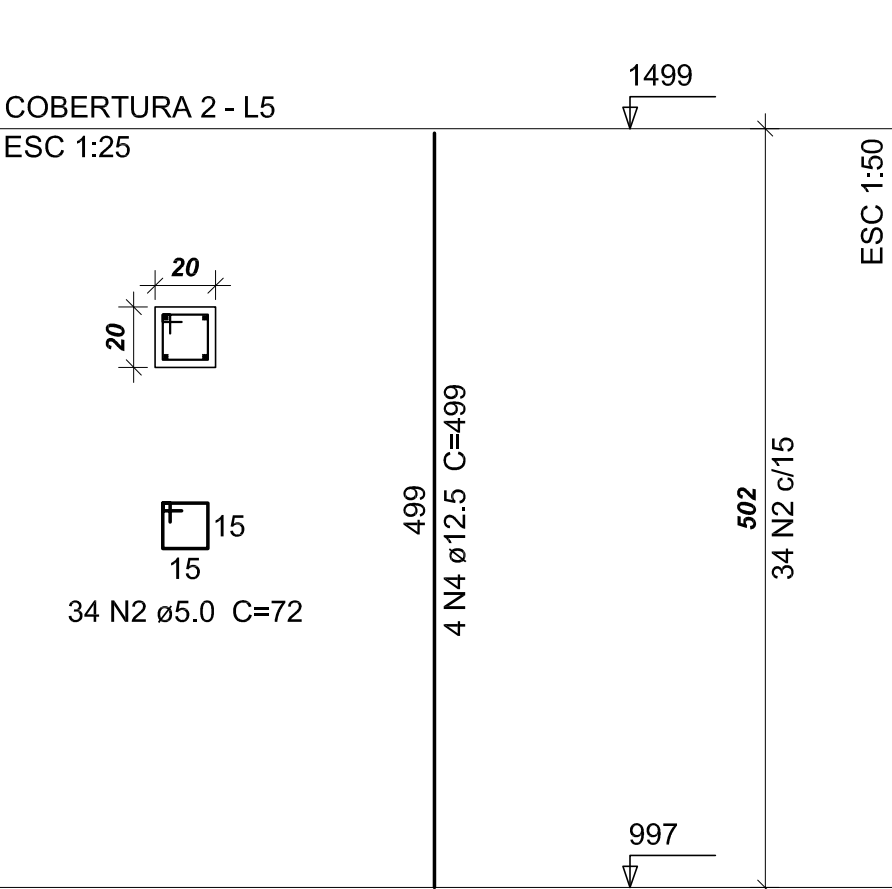
P65



P66



P79=P80



Relação do aço
Pilares no N, Reservatório
que suportam o N. Cobertura 2

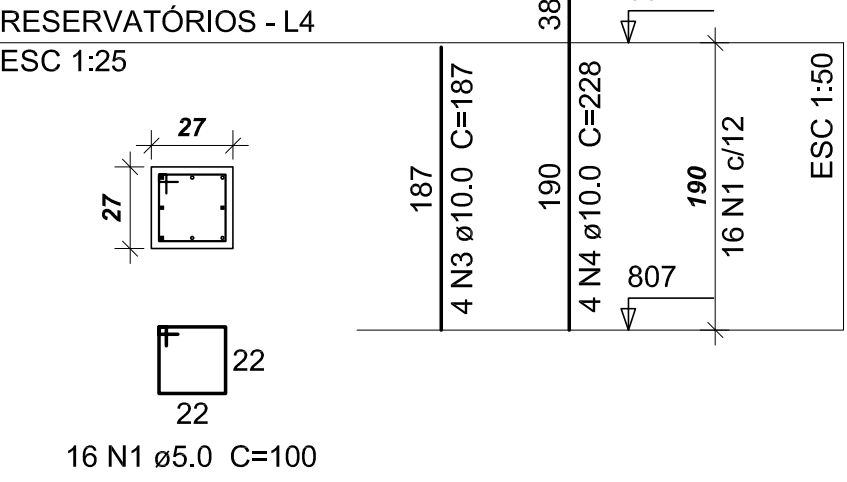
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	84	86	7224
	2	5.0	68	72	4896
CA50	3	10.0	8	499	3992
	4	12.5	8	499	3992

Resumo do aço

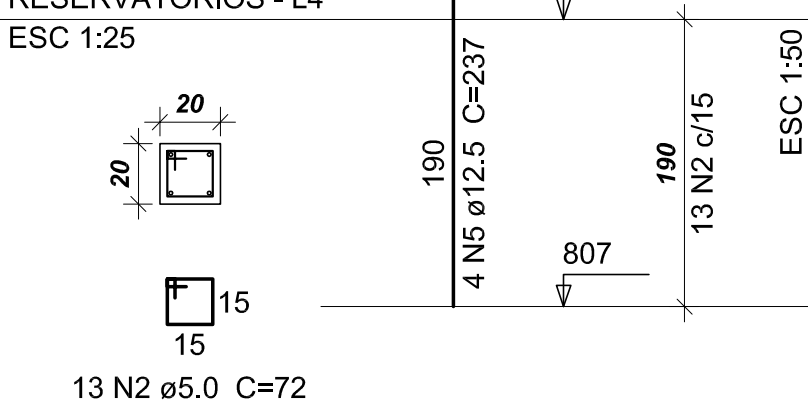
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	40	24.6
CA60	12.5	40	38.5
CA60	5.0	121.2	18.7
PESO TOTAL			
CA50	63.1		
CA60	18.7		

Vol. de concreto total (C-25) = 0.94 m³
Área de forma total = 17.47 m²

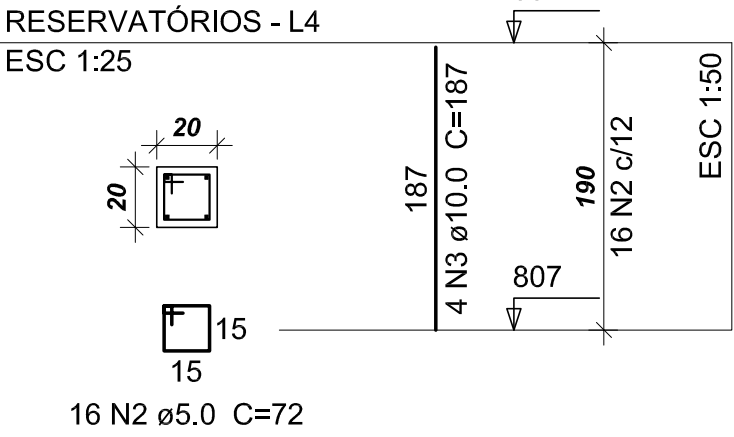
P14=P15



P79=P80



P25=P28



Relação do aço
Pilares na Cobertura
que suportam o N. Reservatório

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	32	100	3200
	2	5.0	58	72	4176
CA50	3	10.0	16	187	2992
	4	10.0	8	228	1824
CA60	5	12.5	8	237	1896

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	48.2	29.7
CA60	12.5	19	18.3
CA60	5.0	73.8	11.4
PESO TOTAL			
CA50	48		
CA60	11.4		

Vol. de concreto total (C-25) = 0.58 m³
Área de forma total = 10.18 m²

01	22.07.2013	PROJETO ESTRUTURAL
Nº	DATA	RESPONSÁVEL
		DESCRIÇÃO DA REVISÃO:

AS BUILT ENGENHARIA DE PROJETOS LTDA
Rua Jovino do Rosário, 1564 - Boa Vista
CEP 82560-435 - Curitiba - Paraná
asbuiltprojetos@gmail.com - (41) 3088-4949

FASE: PROJETO ESTRUTURAL

CONFERIR MEDIDAS NA OBRA

OBRA: ADMINISTRAÇÃO
CAMPUS UNAÍ



PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES
DO JEQUITINHONHA E MUCURI CNPJ
16.888.315/0001-57

PRANCHA: FERRAGEM DOS PILARES

AUTOR PROJETO: CARLOS HENRIQUE DE SOUZA GONÇALVES
CREA 7982/D - Pr

ESCALA: INDICADA	DESENHO: EQUIPE
VERSÃO: VERSÃO I	DATA: 22/07/2013
ÁREA CONSTRUÍDA: 3056,63m²	FOLHA: EST 16/22
ARQUIVO:	