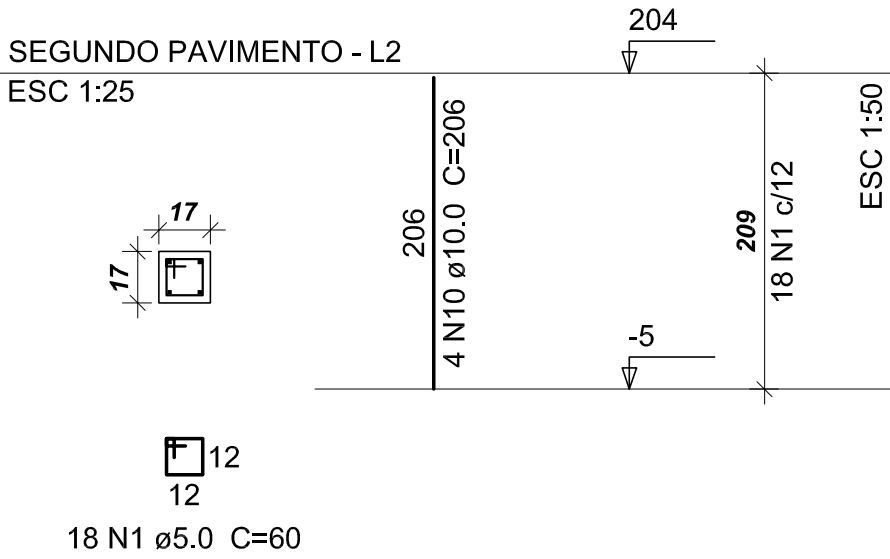
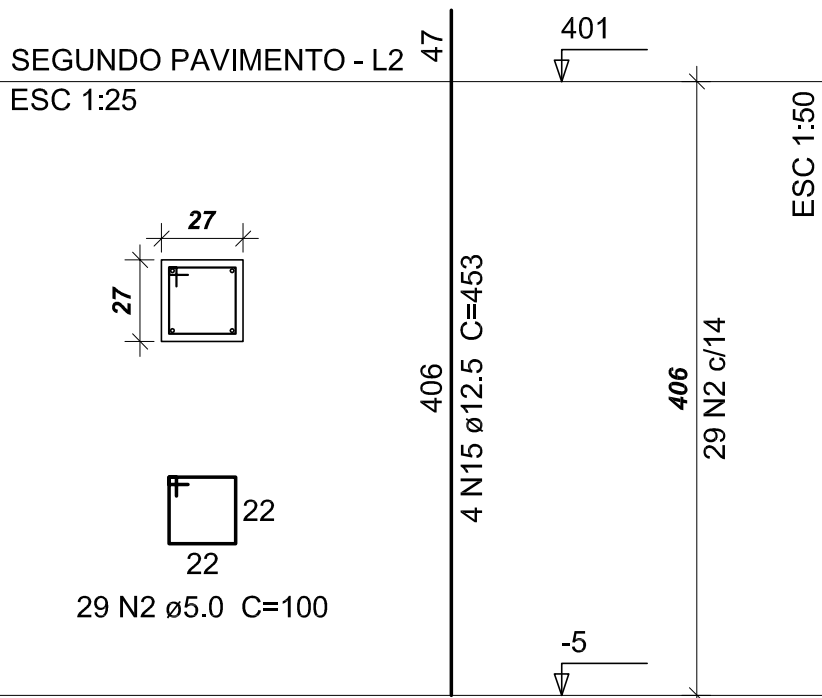


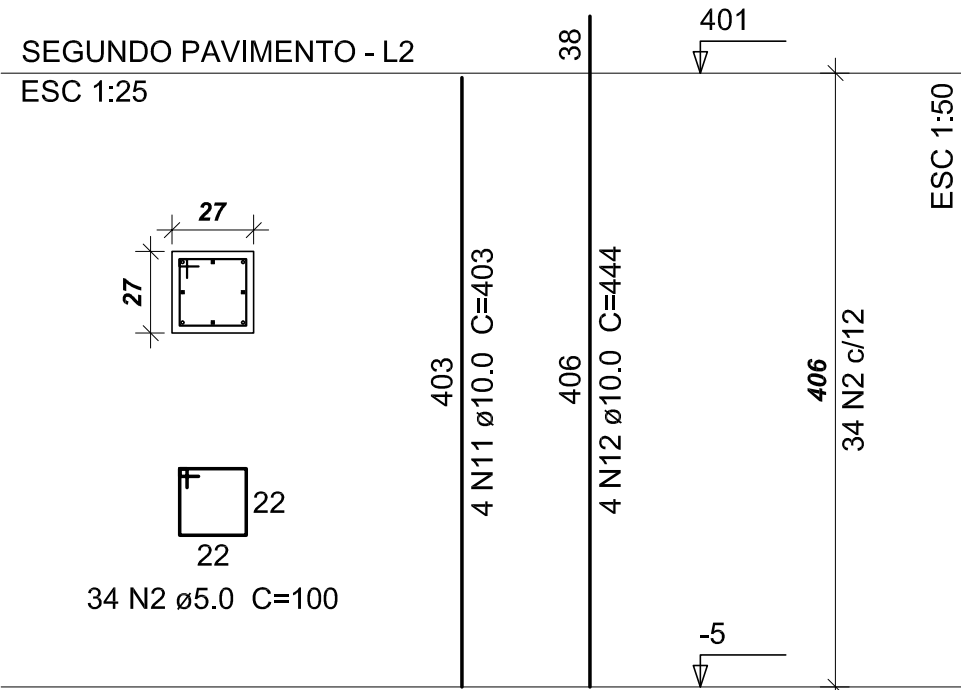
P1=P2



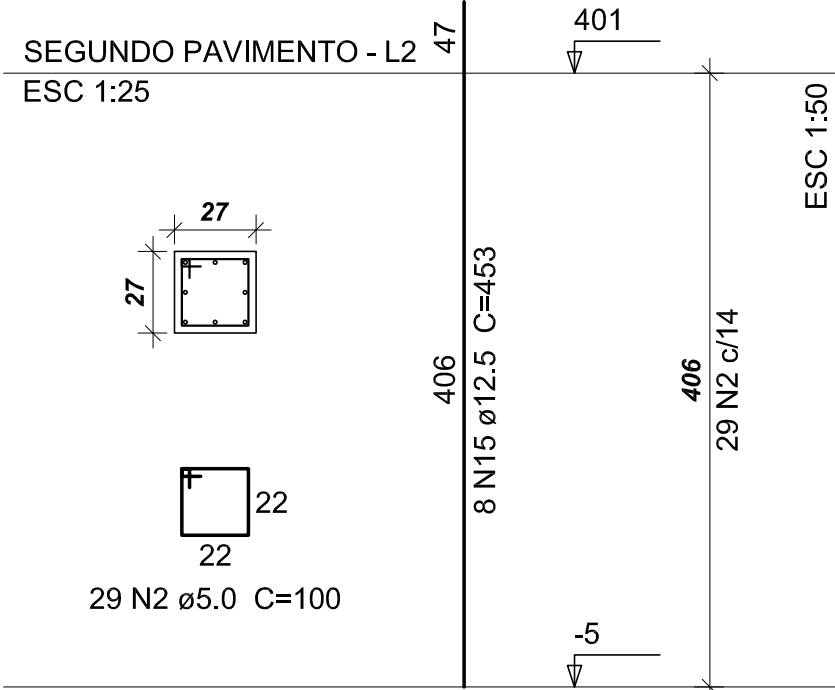
P11=P12=P17=P18=P31=P33
P34=P39=P44=P45
P46=P48=P52=P57=P63



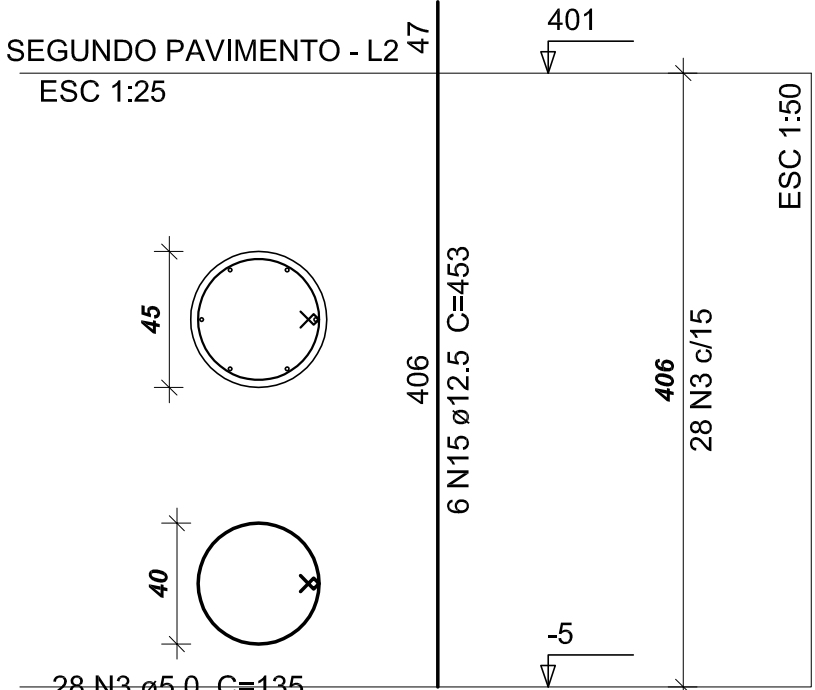
P14=P15



P19



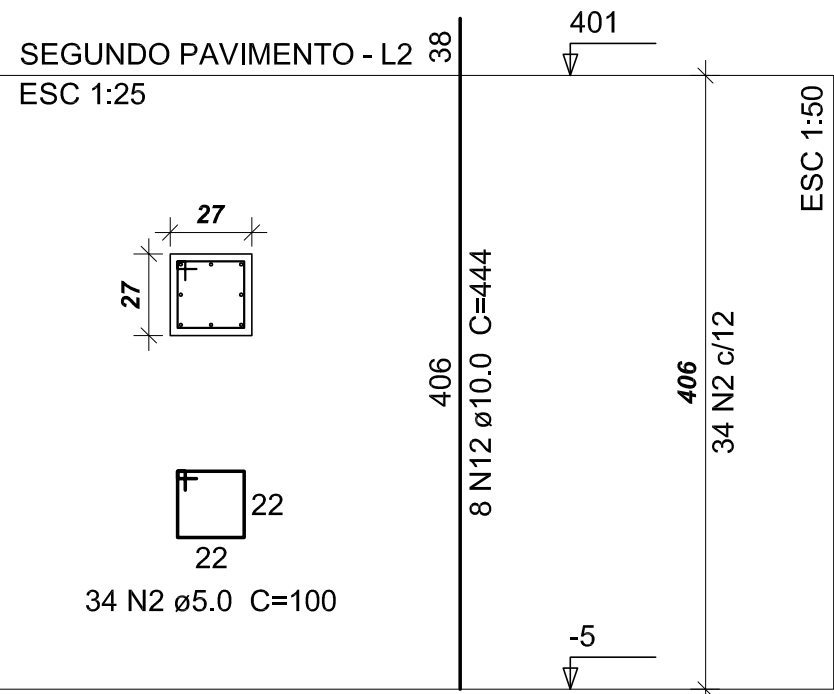
P50=P65



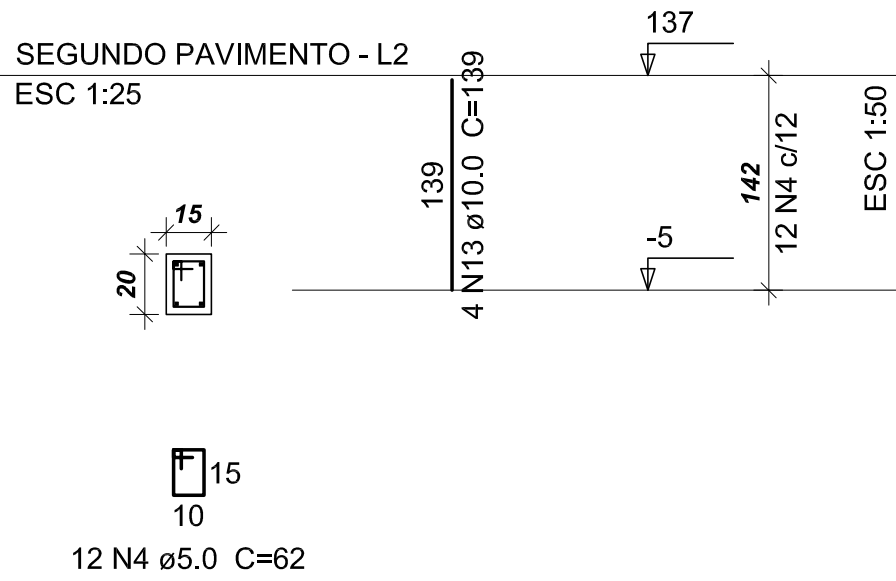
Relação do aço

2xP1	12xP3	27xP9			
15xP11	2xP14	P19			
3xP21	P23	P24			
P25	5xP26	2xP38			
2xP50	2xP58	P64			
P66					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	444	60	26640
	2	5.0	1581	100	158100
	3	5.0	56	135	7560
	4	5.0	35	62	2170
	5	5.0	198	72	14256
	6	5.0	68	80	5440
	7	5.0	68	88	5984
	8	5.0	29	142	4118
	9	5.0	34	92	3128
	10	10.0	8	206	1648
CA50	11	10.0	24	403	9672
	12	10.0	228	444	101232
	13	10.0	4	139	556
	14	10.0	4	271	1084
	15	12.5	84	453	38052
	16	16.0	8	466	3728

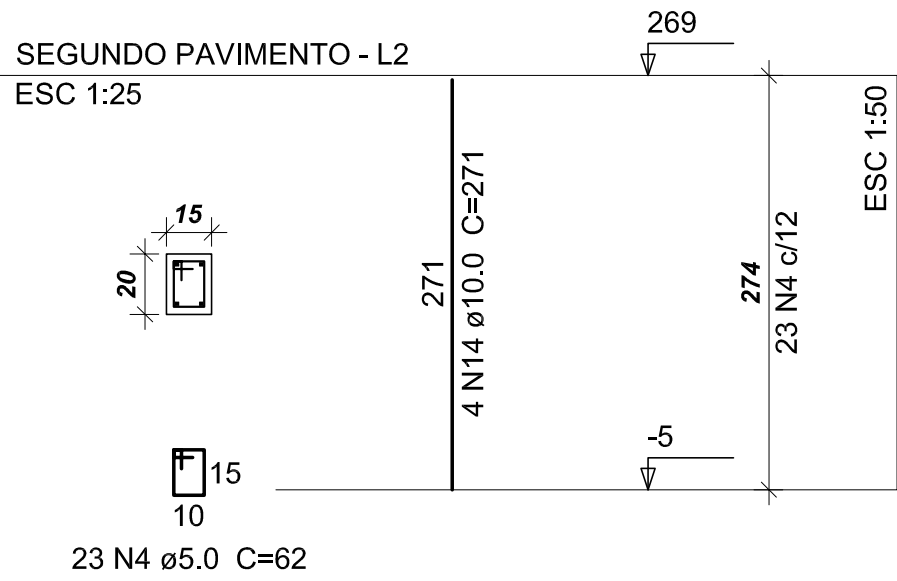
P21=P67=P71



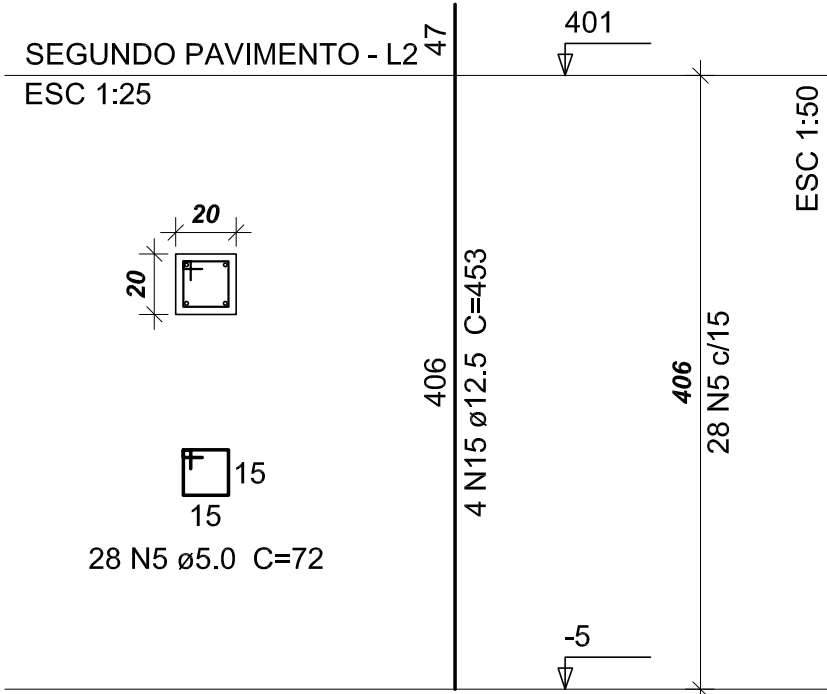
P23



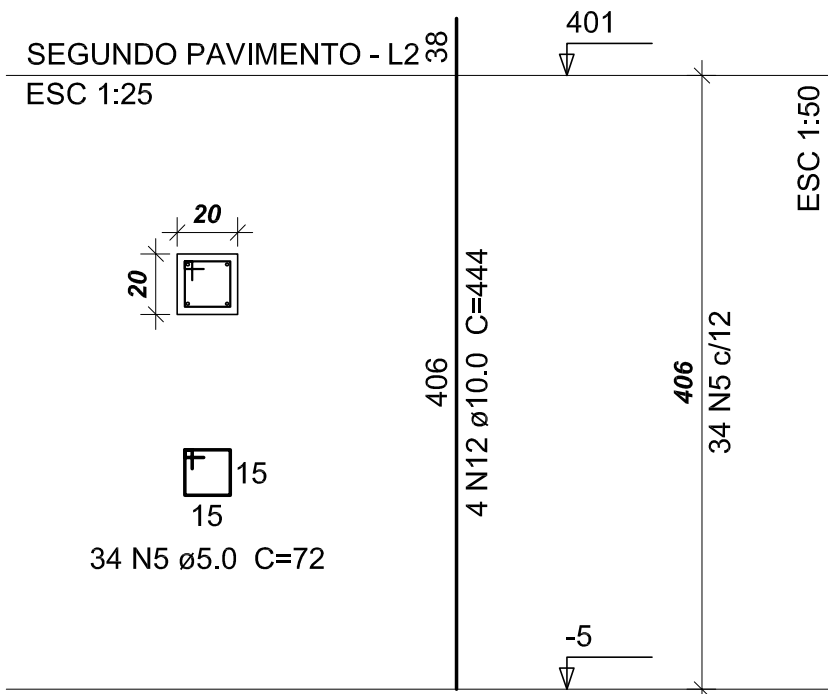
P24



P25



P26=P27=P28=P29=P30

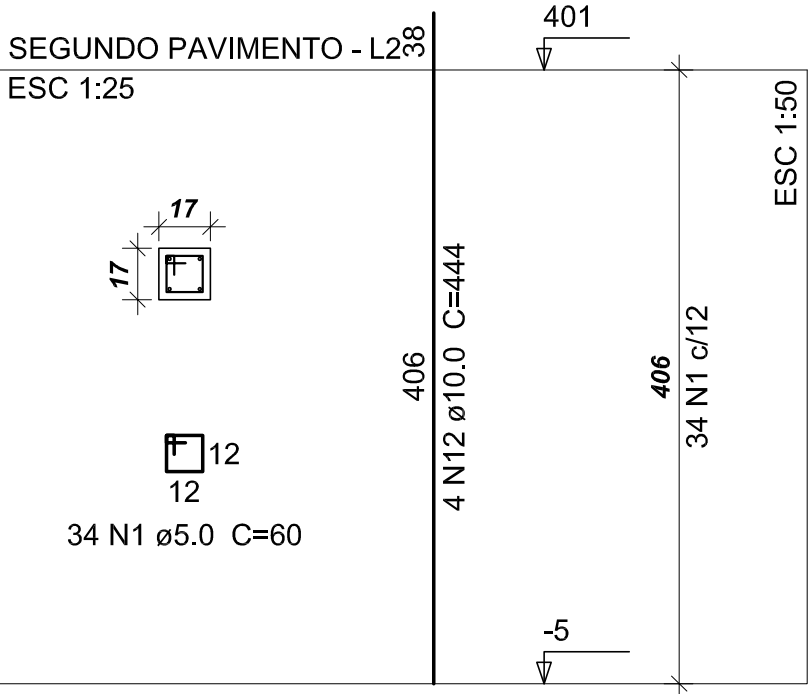


Resumo do aço

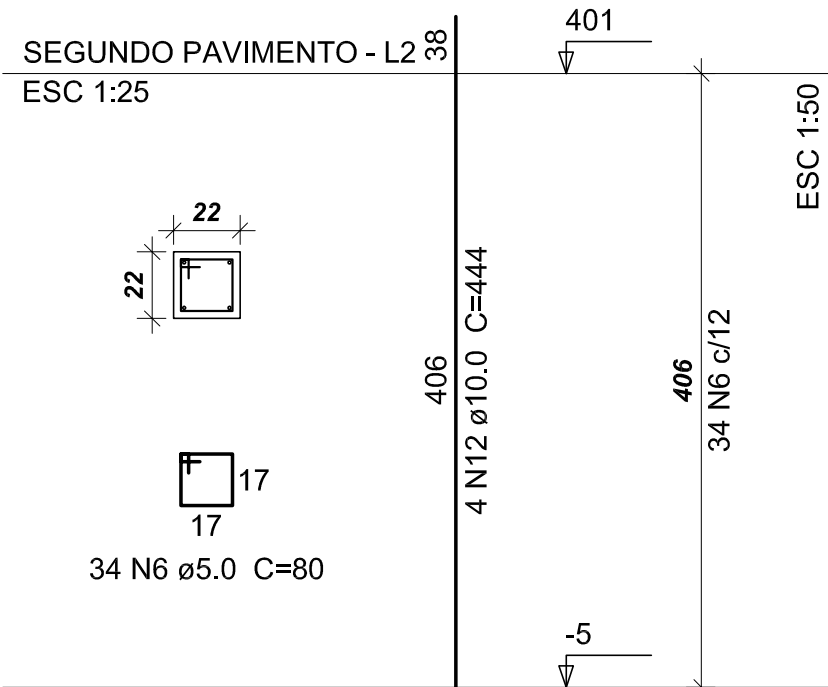
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	1142	704
	12.5	380.6	366.6
	16.0	37.3	58.8
CA60		5.0	2274
PESO TOTAL			
CA50		1129.4	
CA60		350.5	

Vol. de concreto total (C-25) = 19.72 m³
Área de forma total = 305.98 m²

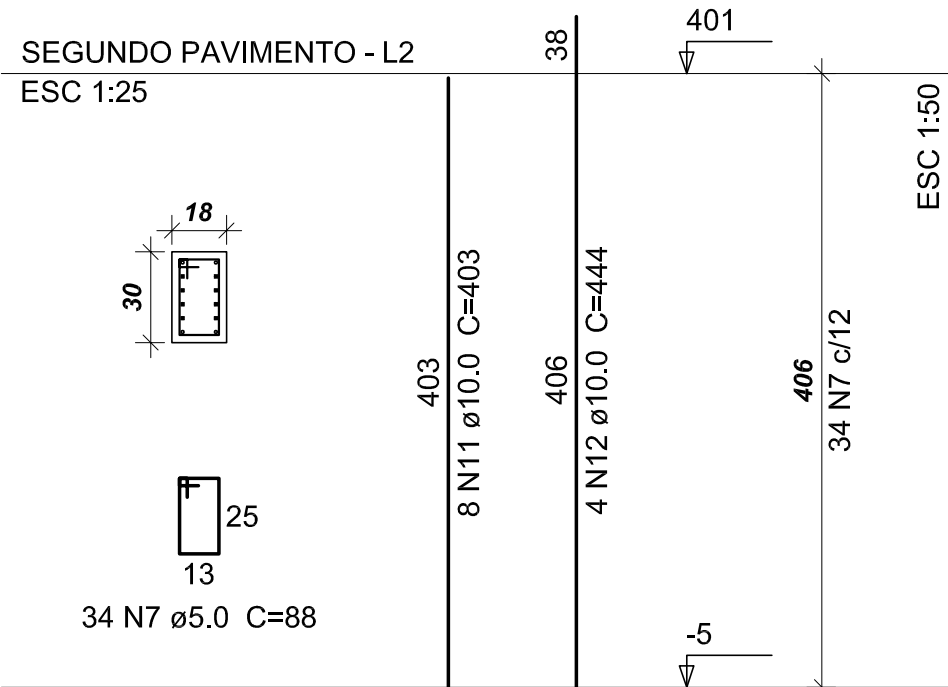
P3=P4=P5=P6=P7=P8=P73
P74=P75=P76=P77=P78



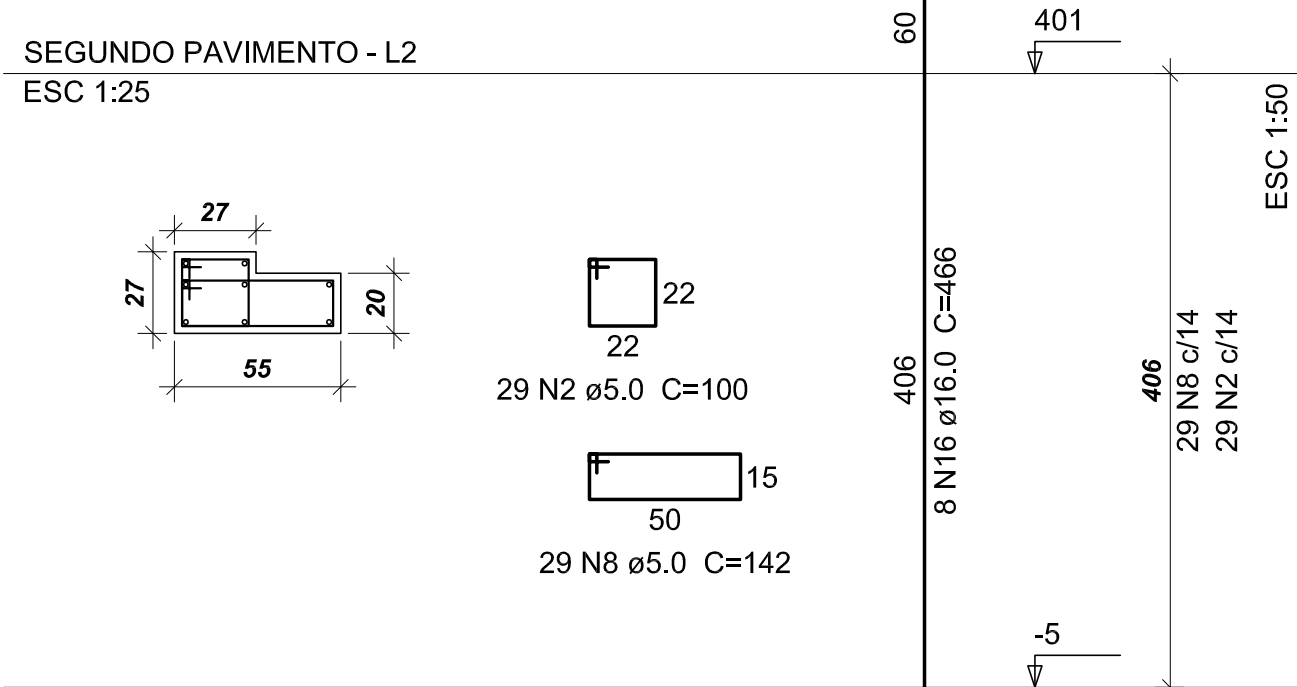
P38=P51



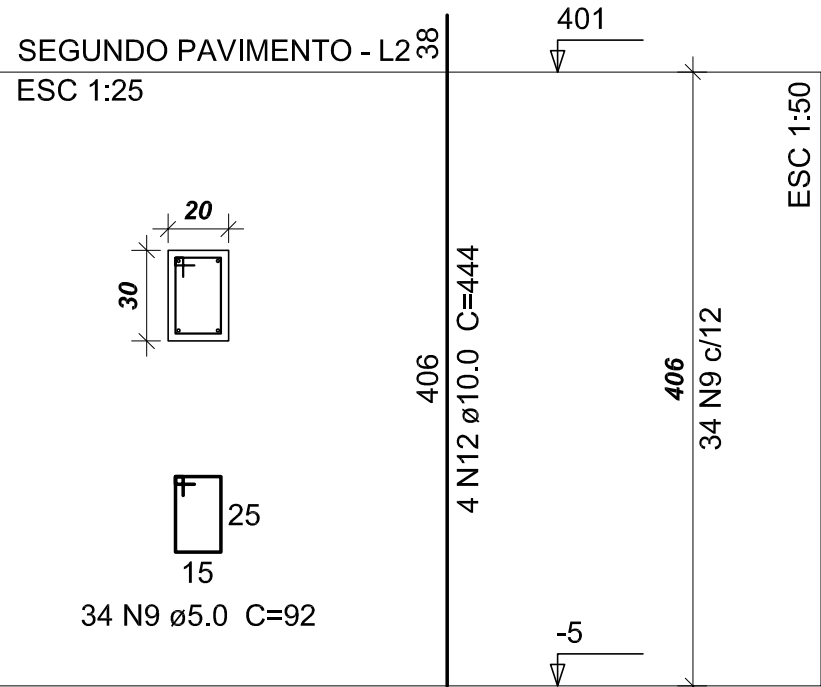
P58=P59



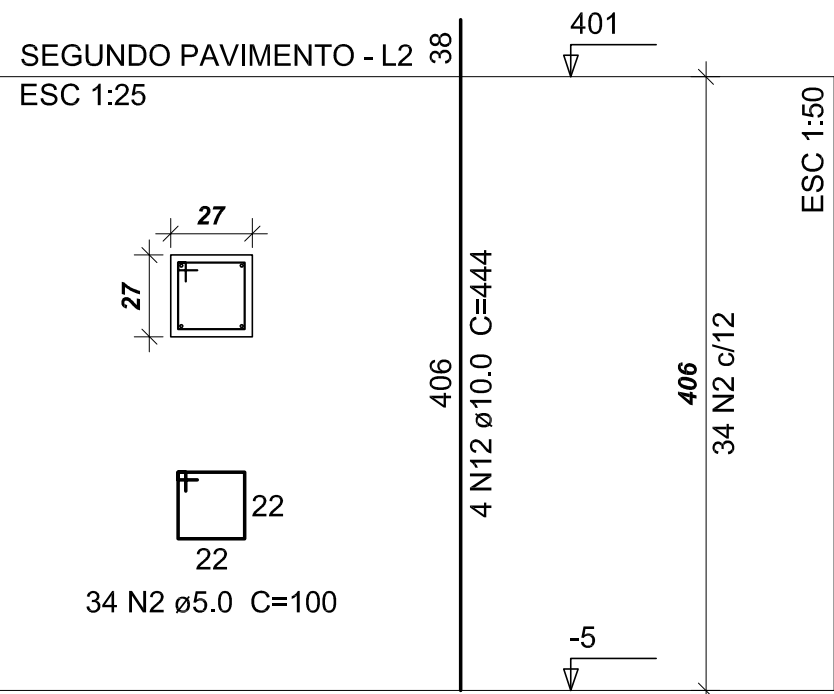
P64



P66



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



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 asbuitlprojetos@gmail.com - (41)3086-4949		
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: QUE SUPORTAM O SEGUNDO PAVIMENTO		
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
ARQUIVO:		FOLHA: EST 08/22