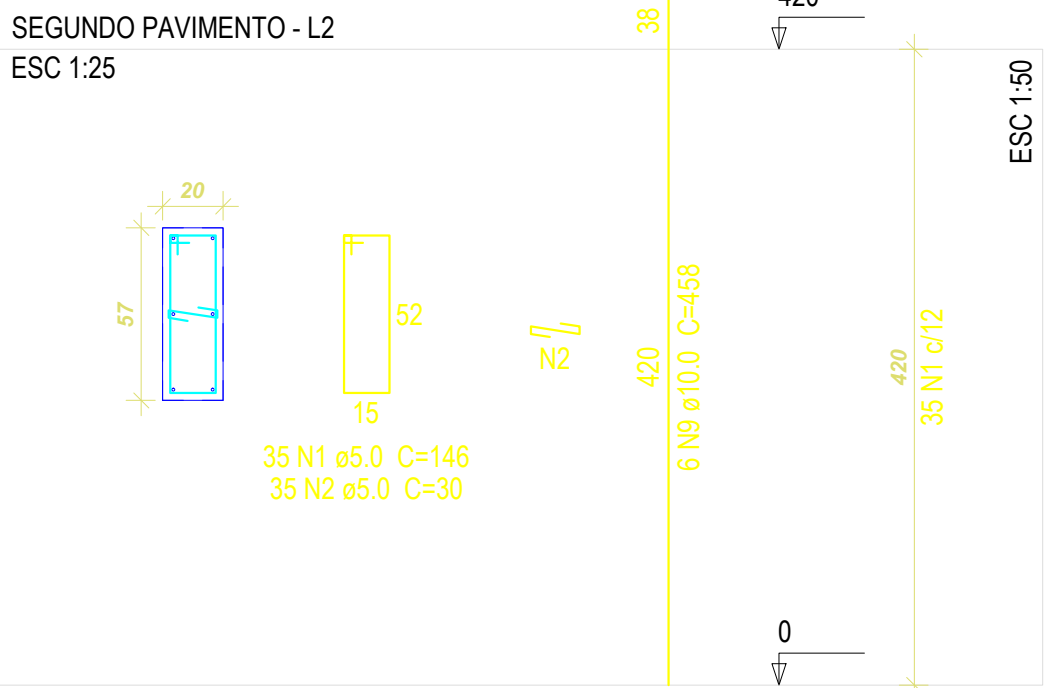
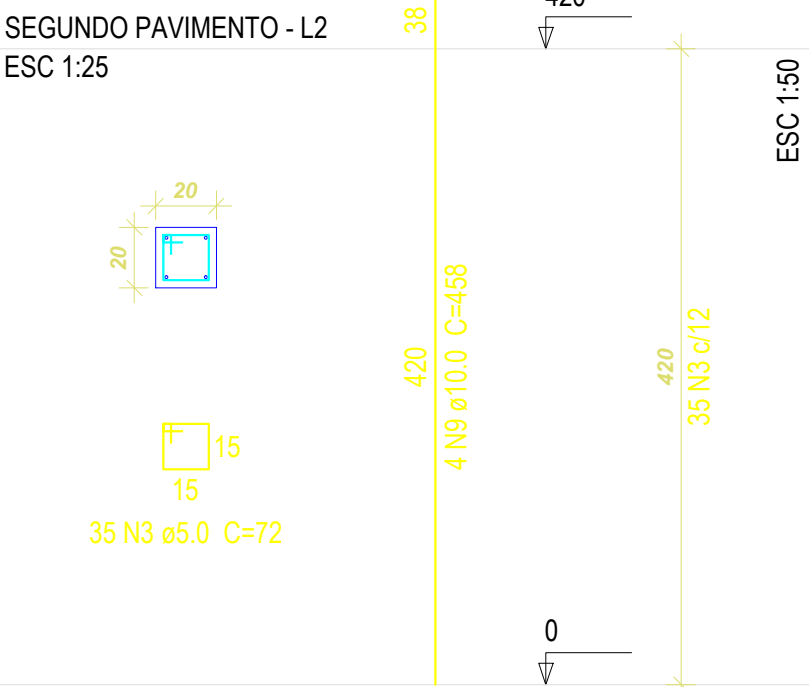


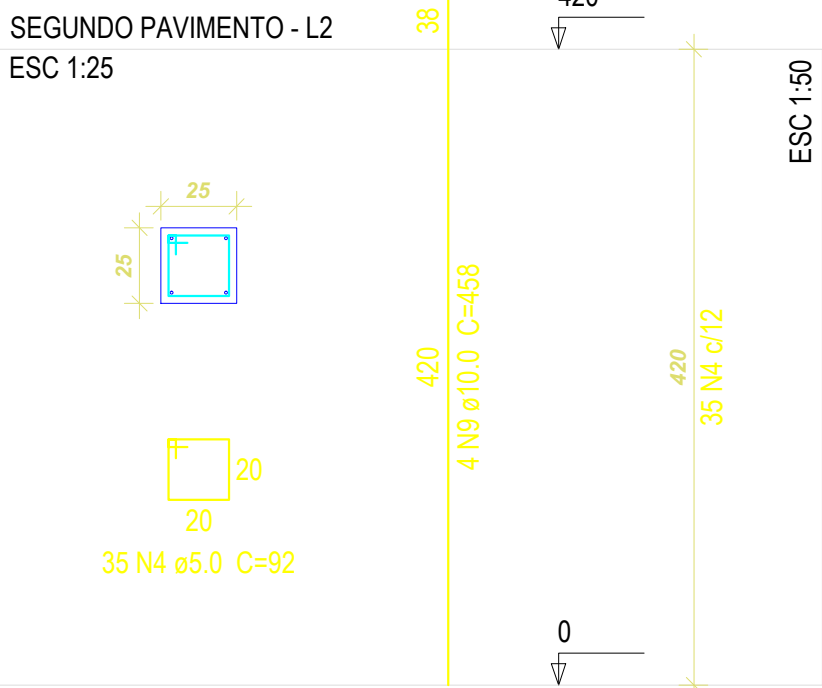
P1=P9=P12=P13=P16=P19=P20=P23=P24=P27
=P28=P34=P35=P38=P40=P46



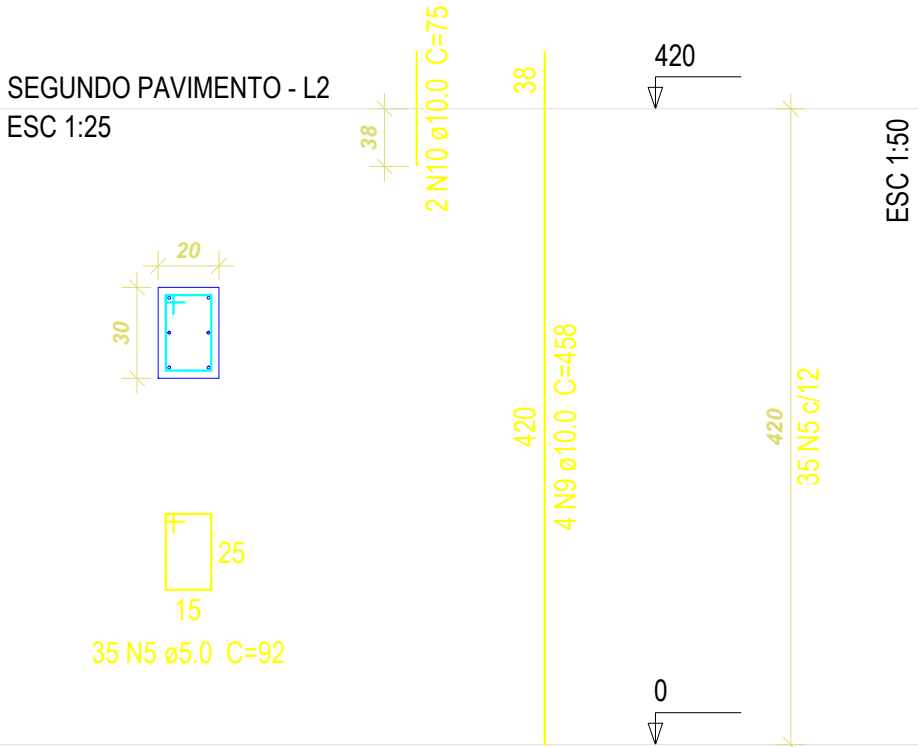
P10



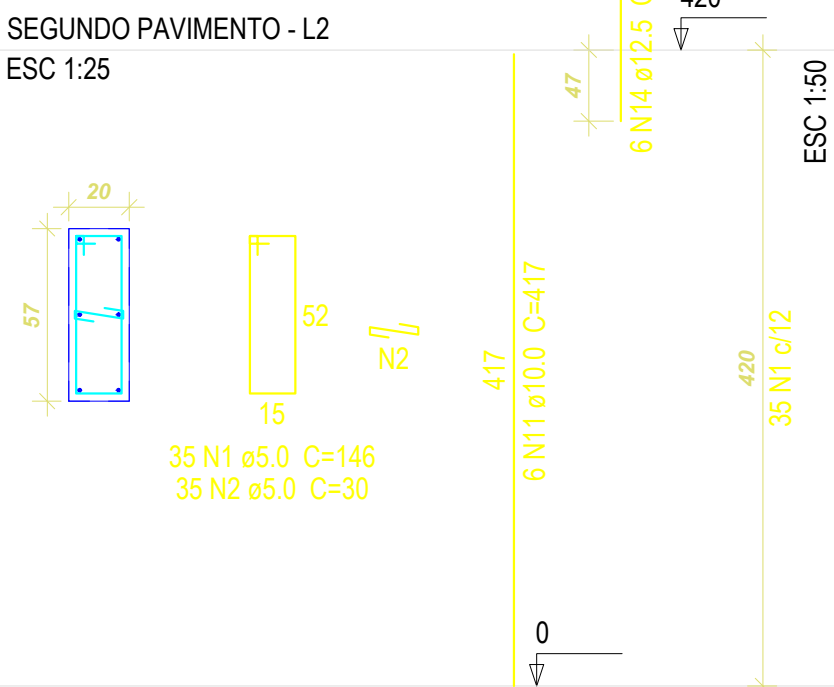
P11=P14=P15=P17=P18
P21=P22=P25=P26=P33
P41=P43



P2



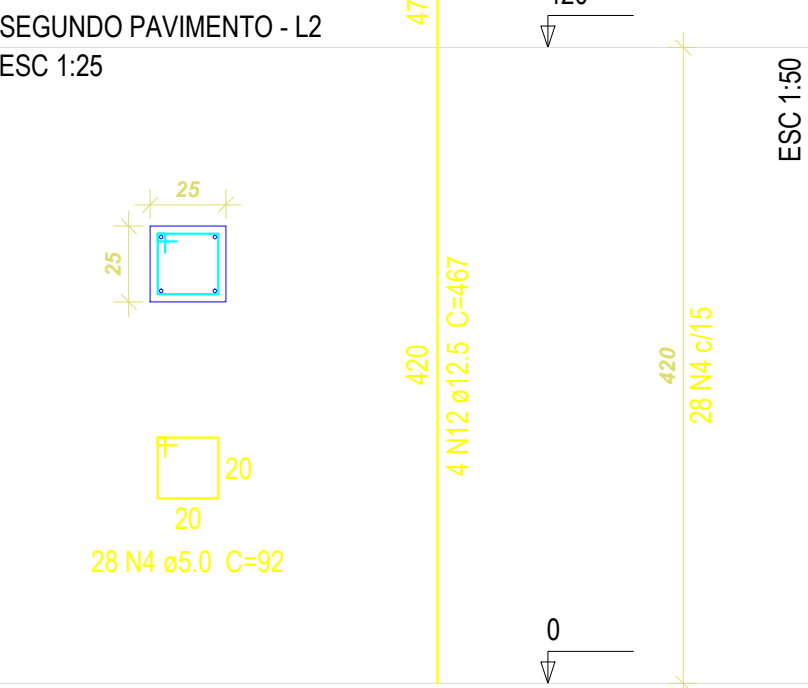
P42



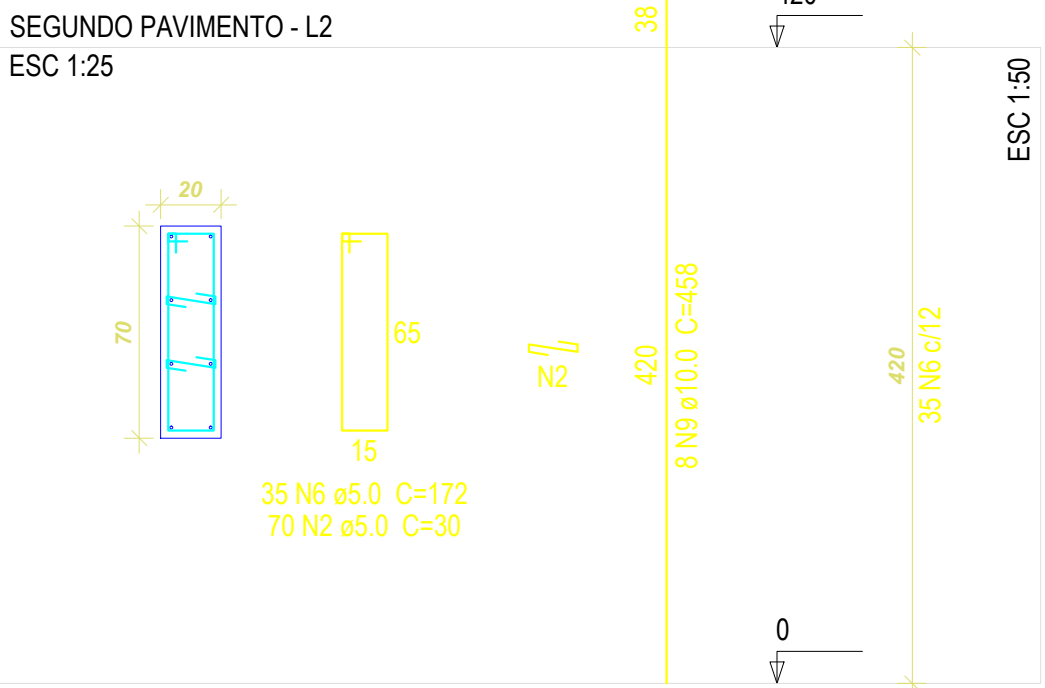
Relação do aço:
Pilares que suportam o
segundo pavimento

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	686	146	100156
	2	5.0	805	30	24150
	3	5.0	35	72	2520
	4	5.0	567	92	52164
	5	5.0	35	92	3220
	6	5.0	190	172	32680
	7	5.0	112	30	3360
	8	5.0	92	30	2760
CA50	9	10.0	176	458	80608
	10	10.0	24	75	1800
	11	10.0	10	417	4170
	12	12.5	46	467	21482
	13	12.5	4	417	1668
	14	12.5	6	94	564
	15	16.0	14	417	5838
	16	16.0	16	480	7680

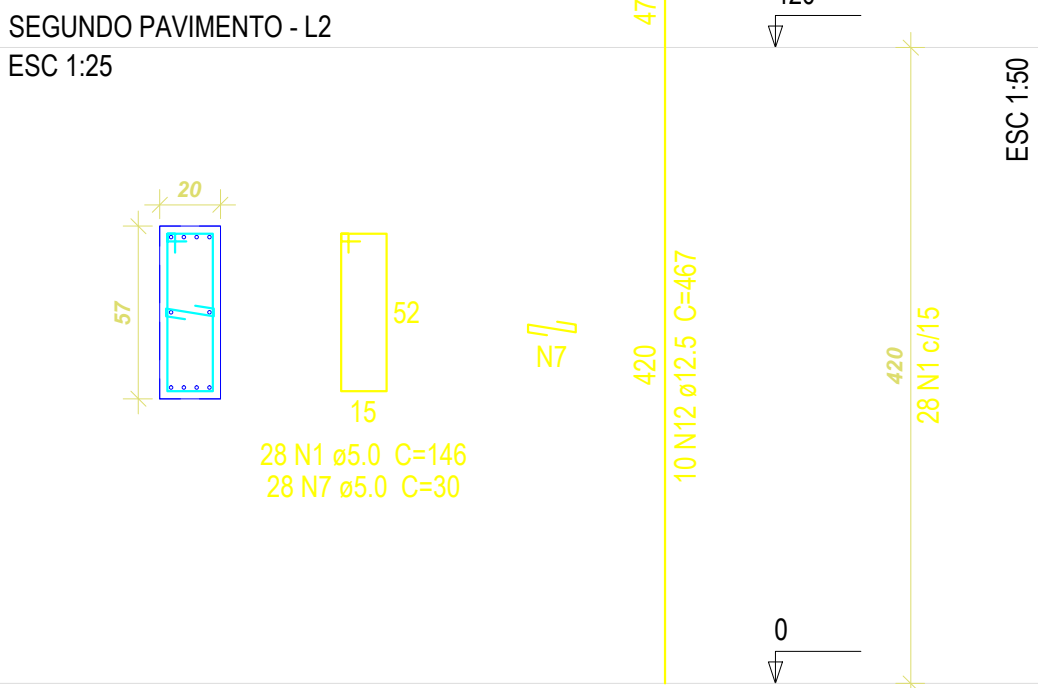
P29=P30



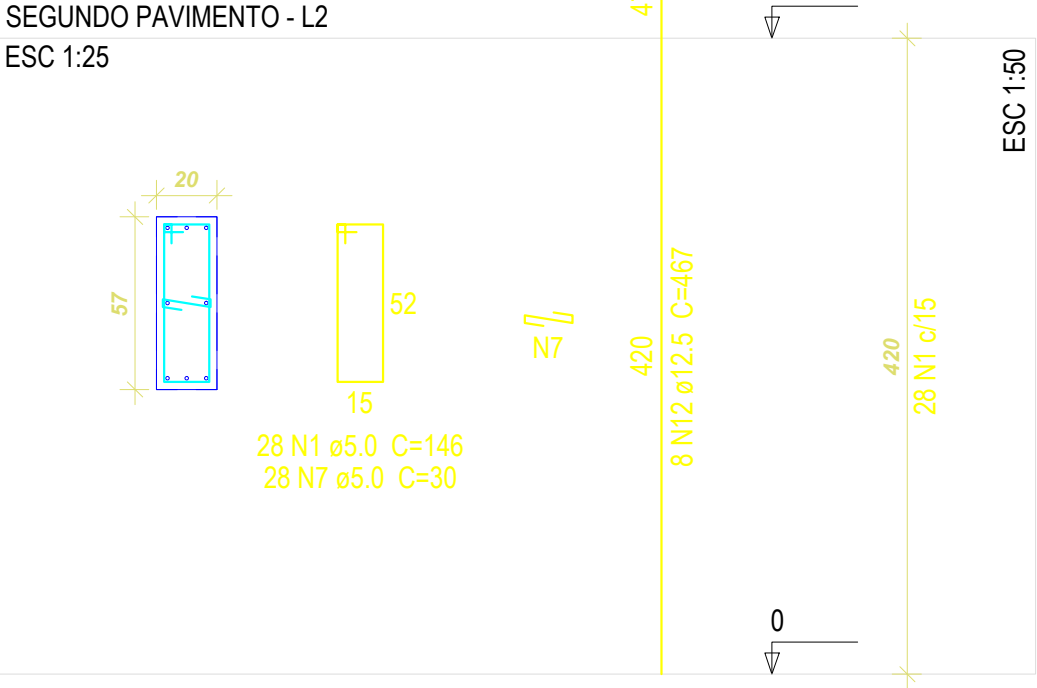
P3=P45



P32



P39

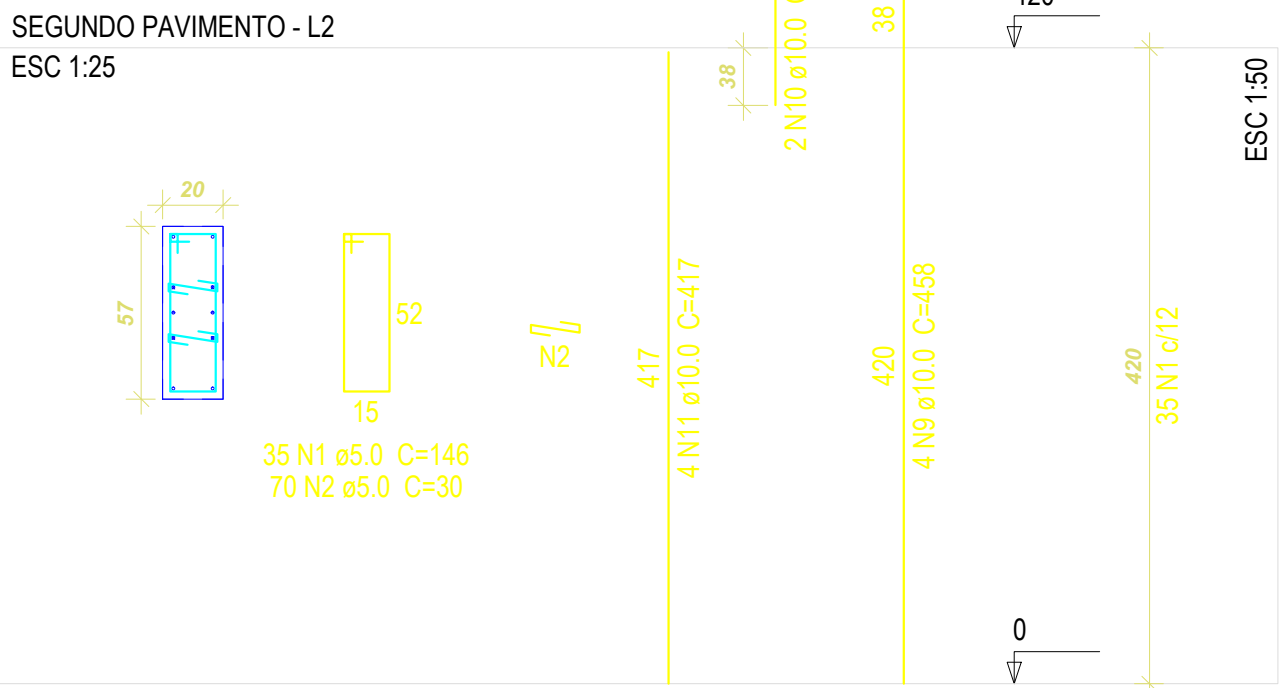


Resumo do aço

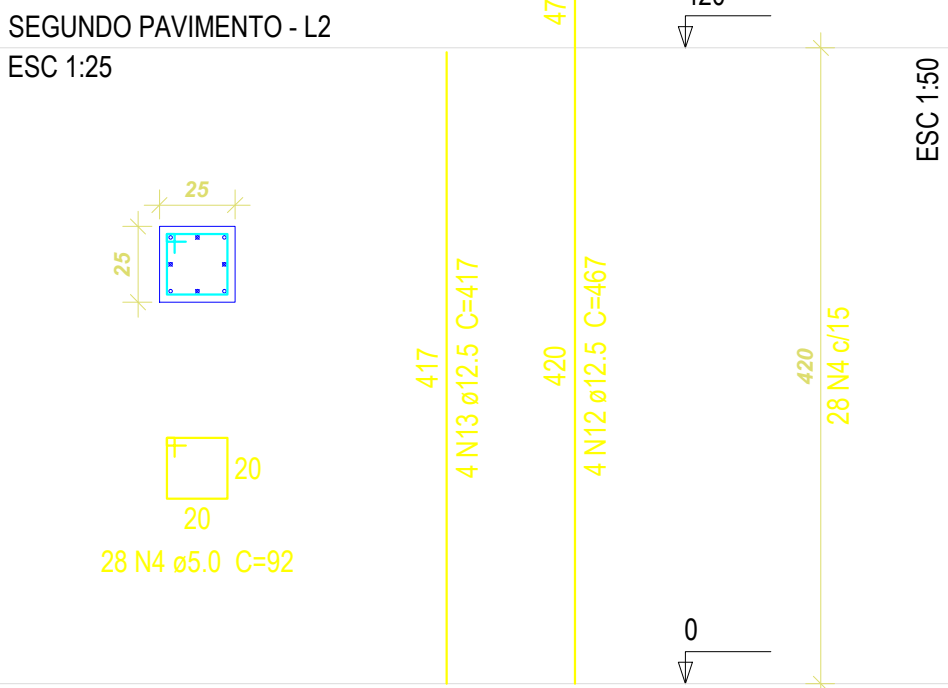
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	865.8	533.8
	12.5	237.2	228.4
	16.0	135.2	213.4
CA60	5.0	2210.1	340.7
PESO TOTAL (kg)			
CA50		975.6	
CA60		340.7	

Volume de concreto (C-25) = 18.57 m³
Área de forma = 261.24 m²

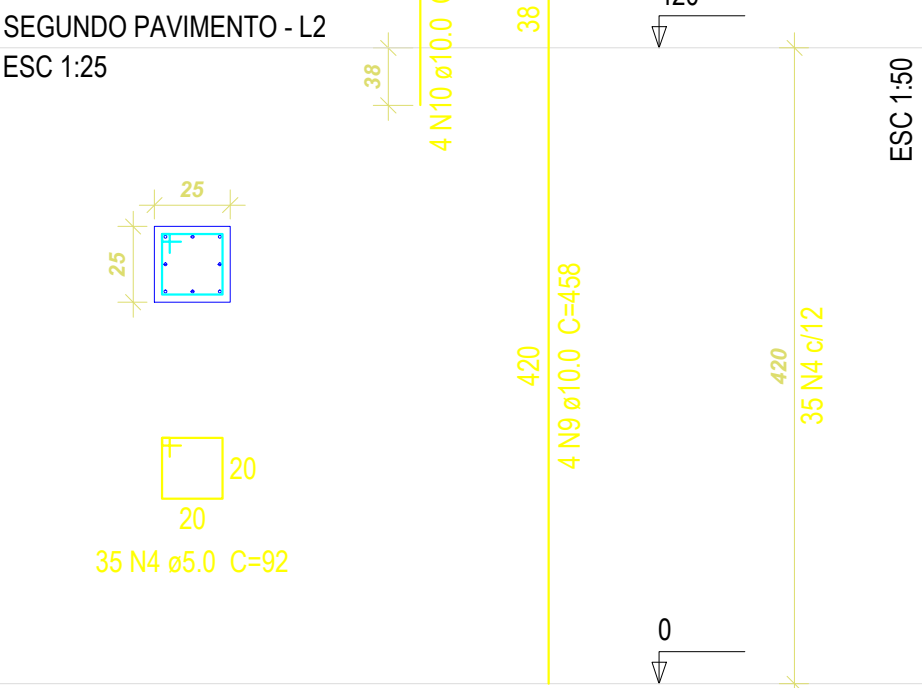
P31



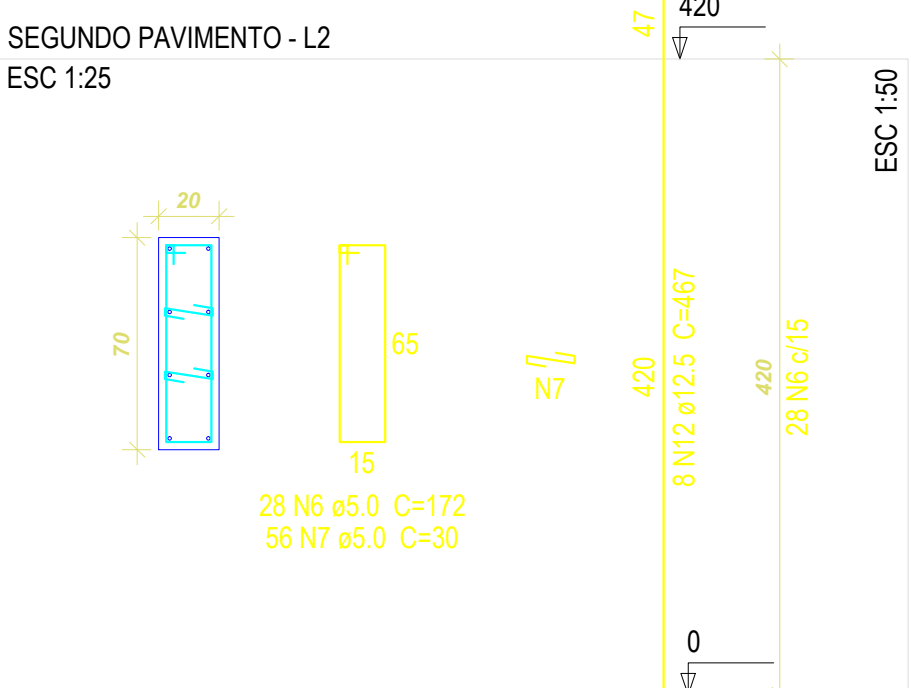
P36



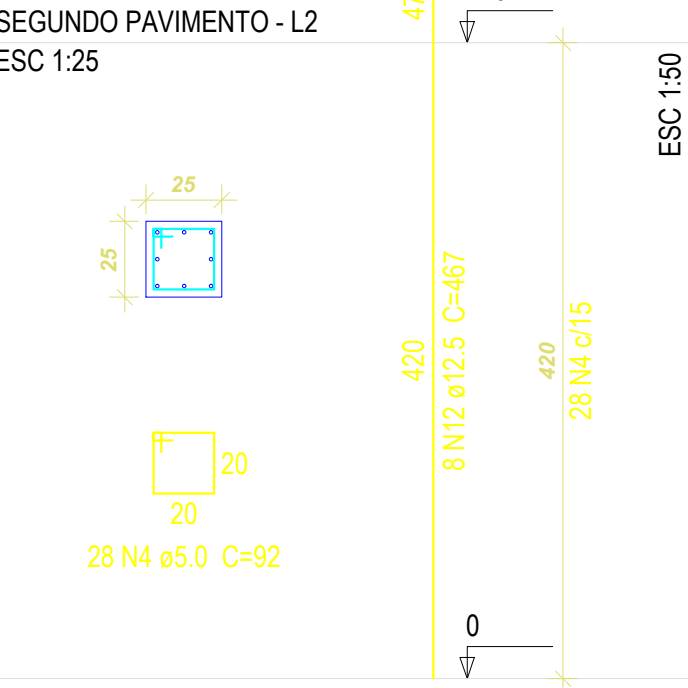
P37



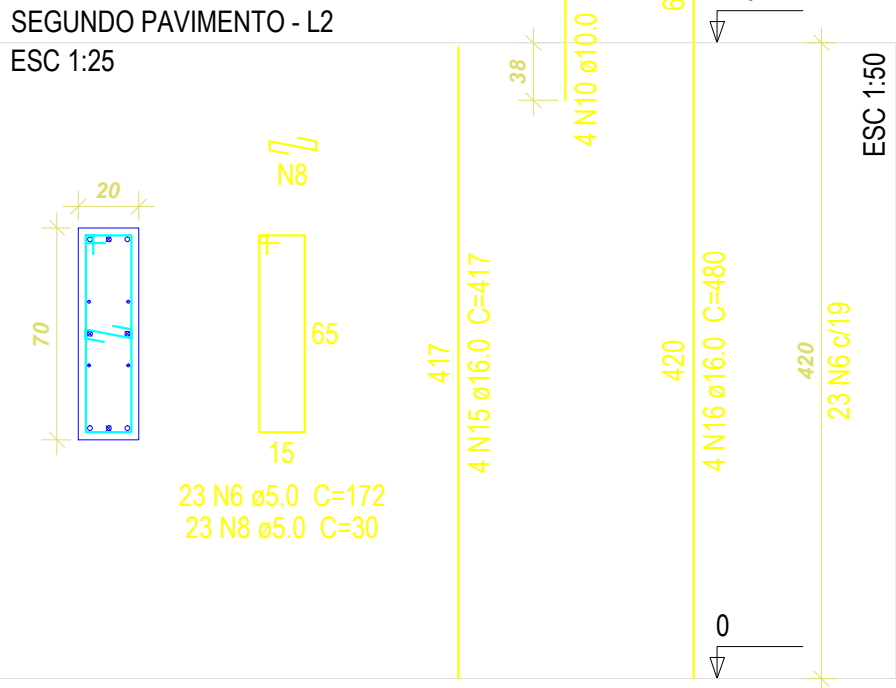
P4



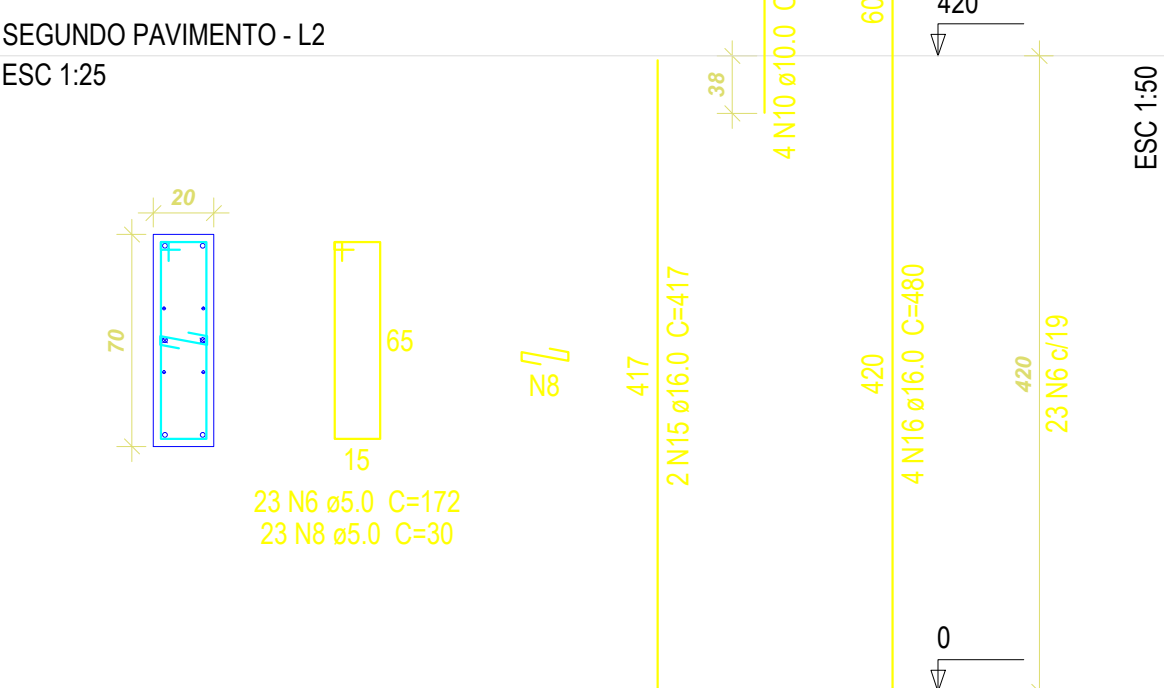
P44



P5=P6=P7



P8



O1	26.09.2013		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:			
HANGAR DA UFVJM AEROPORTO JK / DIAMANTINA			
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			
DETALHAMENTO/OBSERVAÇÕES:			DESENHO:
ESCALA: INDICADA			EQUIPE
VERSÃO:	DATA:	ÁREA CONSTRUÍDA:	FOLHA:
VERSAO I	26/09/2013		EST 06/20
ARQUIVO:			