

P1=P2=P3=P4=P5=P6
P7=P8=P73=P74=P75=P76
=P77=P78

P10=P18=P40=P47P53
P55=P61=P62=P68

P1=P14=P15=P21
P31=P33=P45=P57=P71

P12=P34=P39=P48=P63

P26=P27=P28=P29=P30

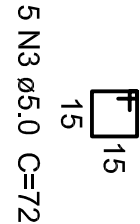
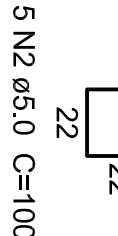
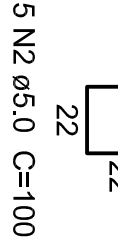
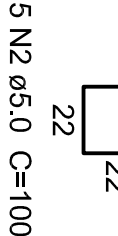
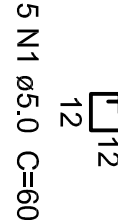
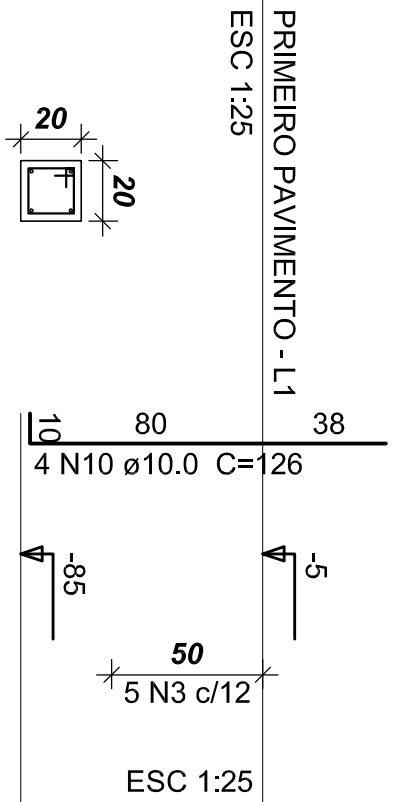
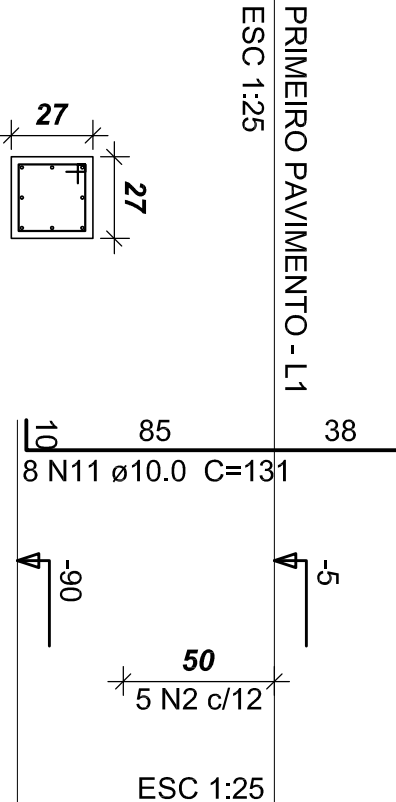
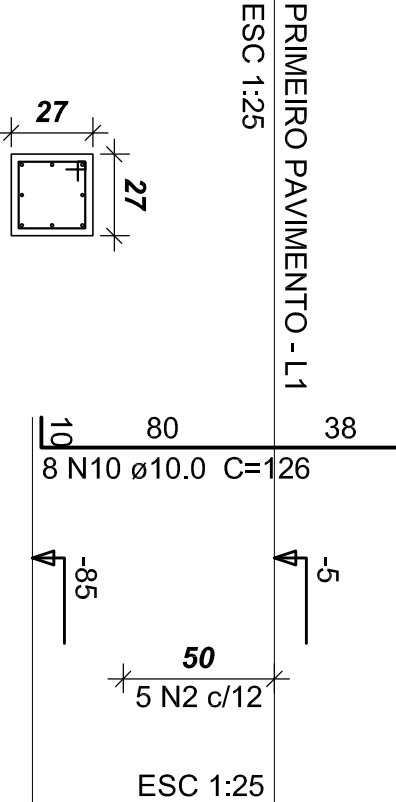
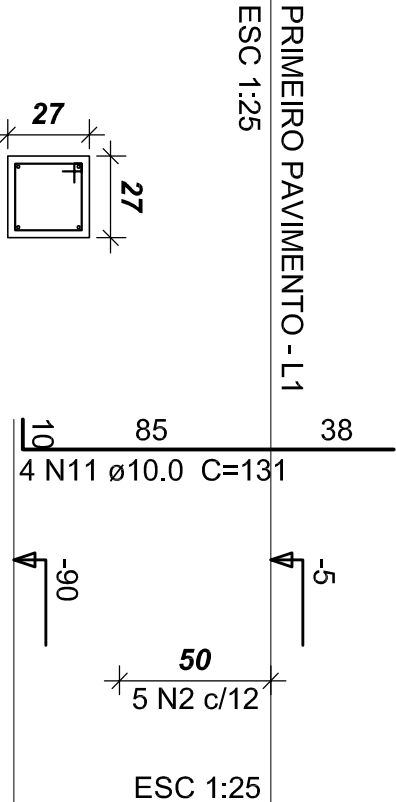
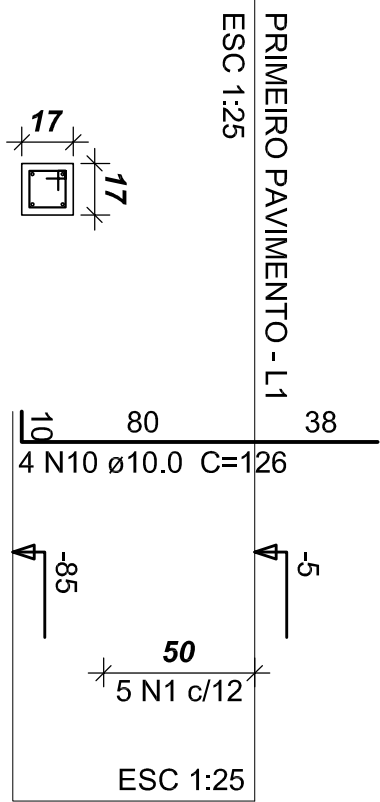
Relação do aço

AÇO	N	DIAM	Q	UNIT	C.TOTAL
CA60	1	5,0	70	60	4200
	2	5,0	245	100	24500
	3	5,0	30	72	2160
	4	5,0	8	135	1080
	5	5,0	10	80	800
	6	5,0	10	82	820
	7	5,0	5	25	125
	8	5,0	5	126	630
	9	5,0	4	68	272
	10	10,0	270	126	34020
	11	10,0	80	131	10480
	12	10,0	28	141	3948
	13	10,0	8	136	1088
	14	12,5	6	139	834
	15	12,5	8	141	1128
	16	12,5	6	134	804
	17	12,5	4	144	576

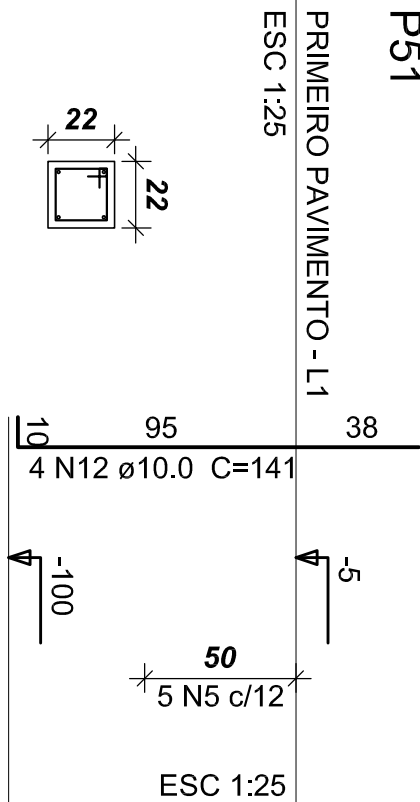
Resumo do aço

AÇO	DIAM	C.TOTAL	PESO
CA50	10,0	495,4	305,4
CA60	12,5	33,5	32,2
		5,0	345,9
			53,3
PESO TOTAL			
CA50	337,6		
CA60	53,3		

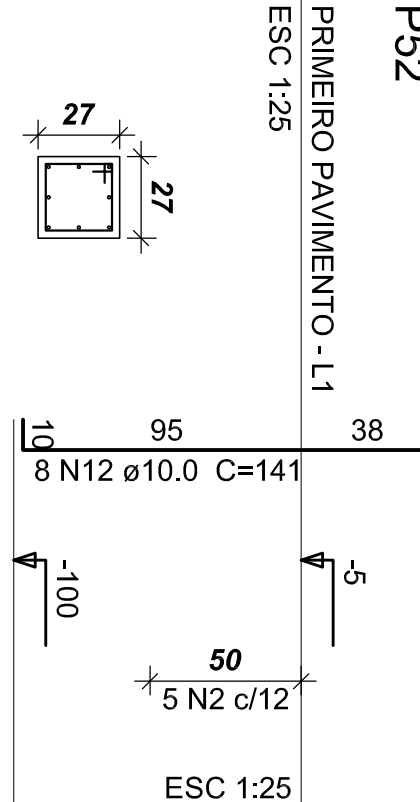
Vol. de concreto total (C-25) = 3,96 m³
Área de forma total = 61,65 m²



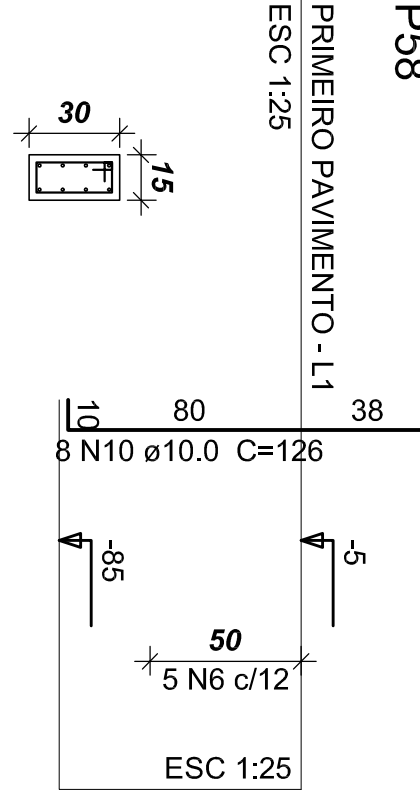
P51



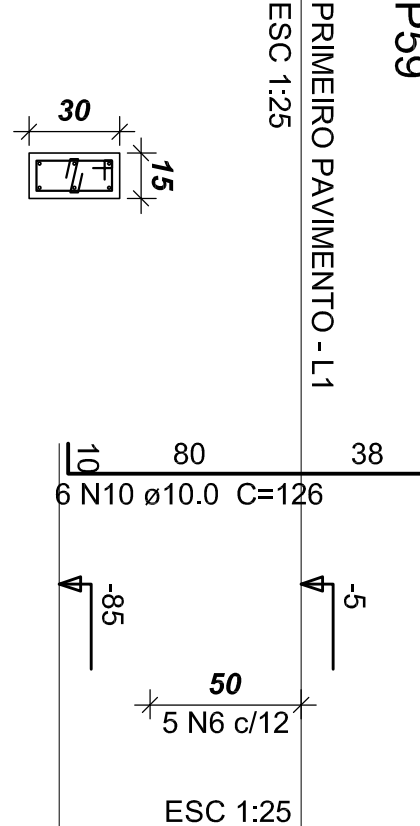
P52



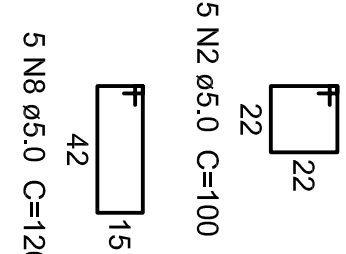
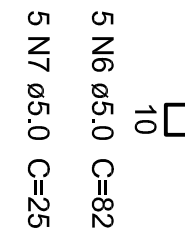
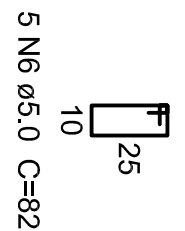
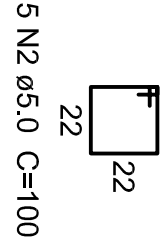
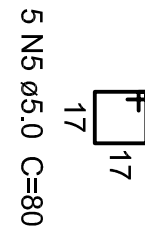
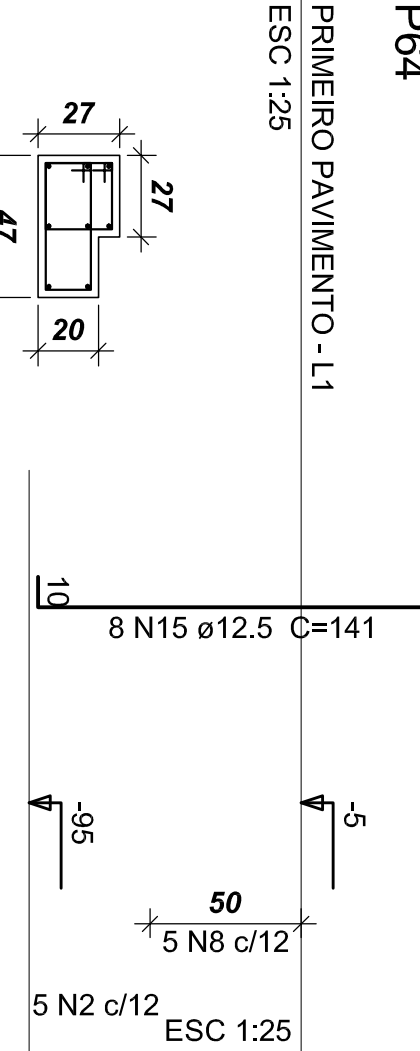
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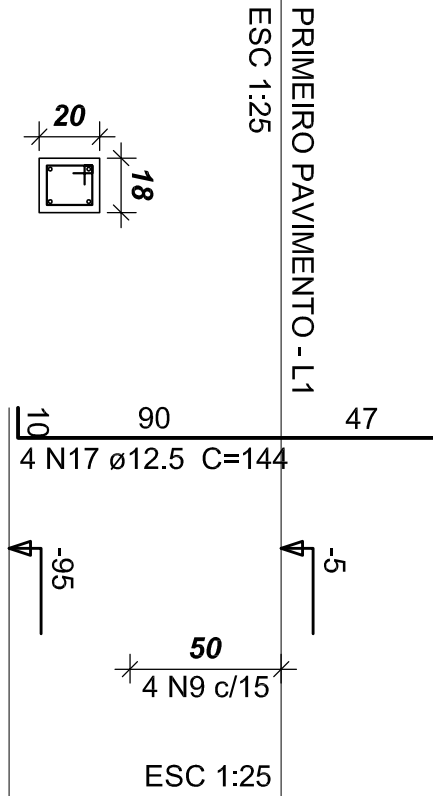
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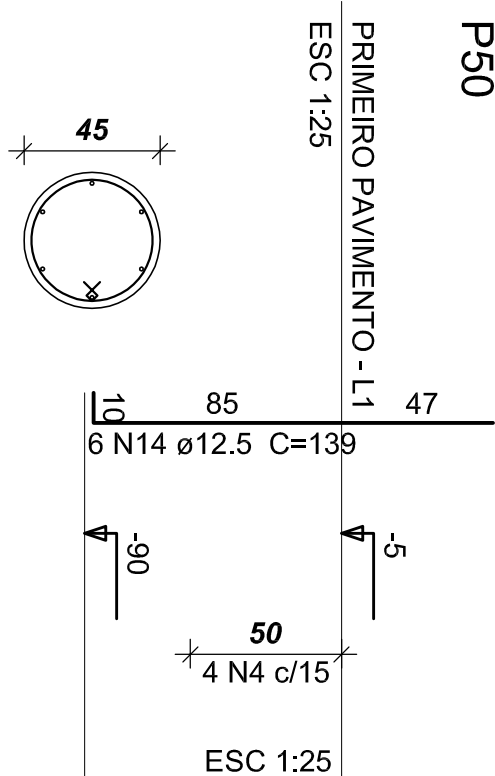
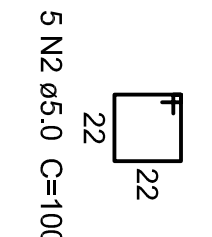
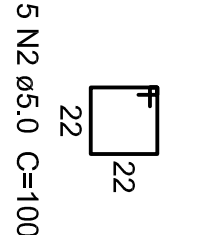
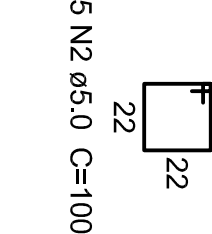
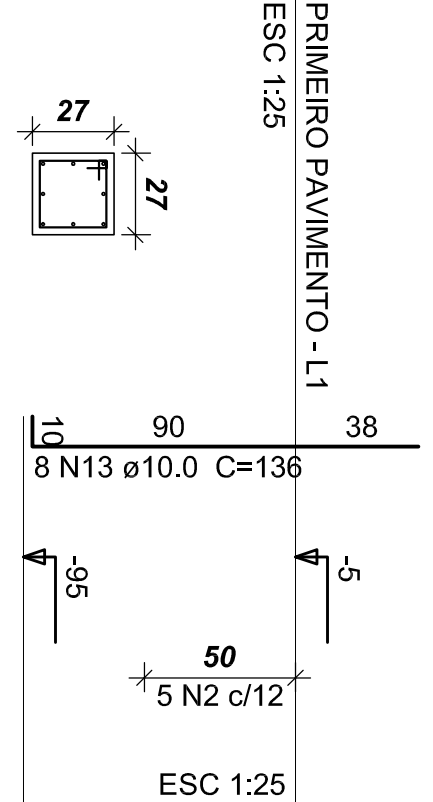
P64



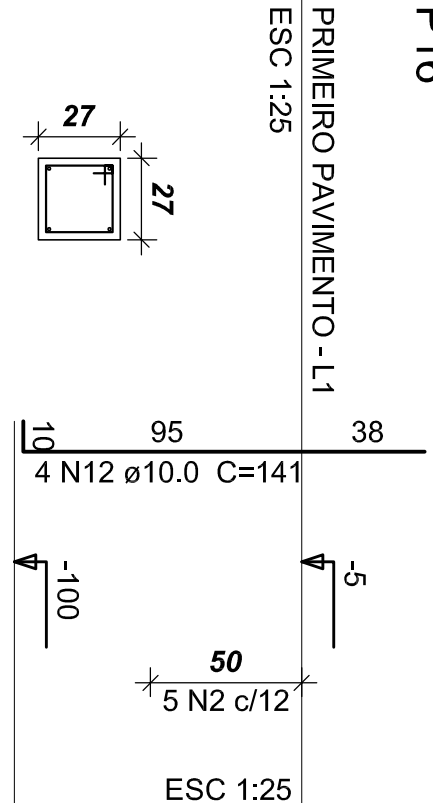
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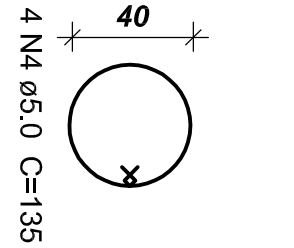
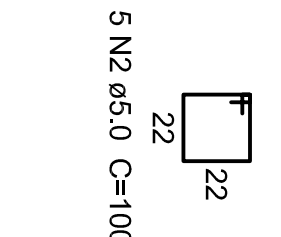
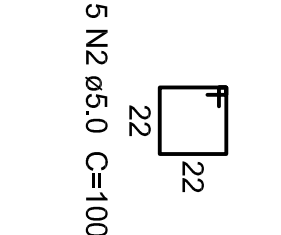
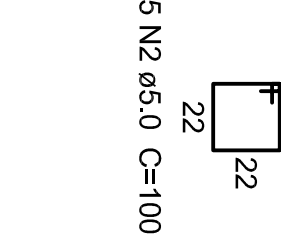
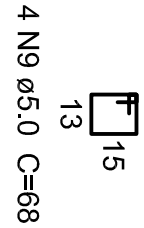
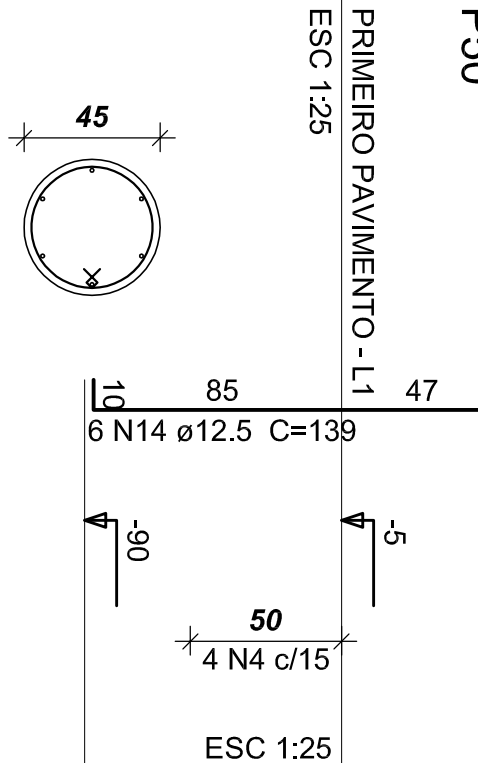
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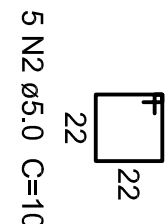
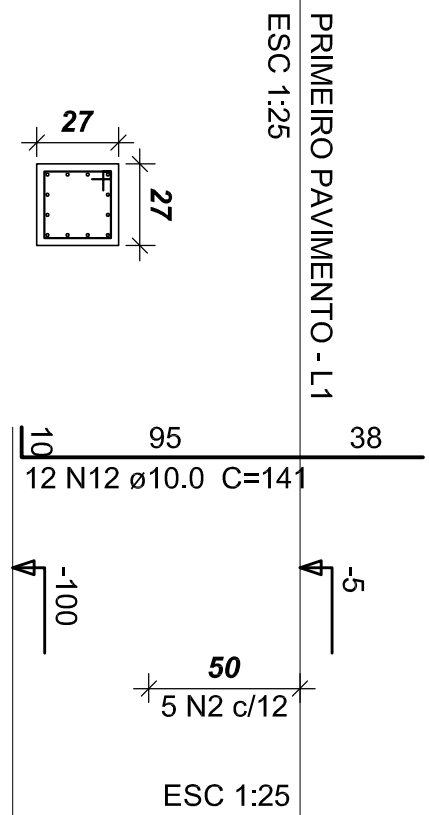
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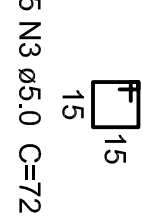
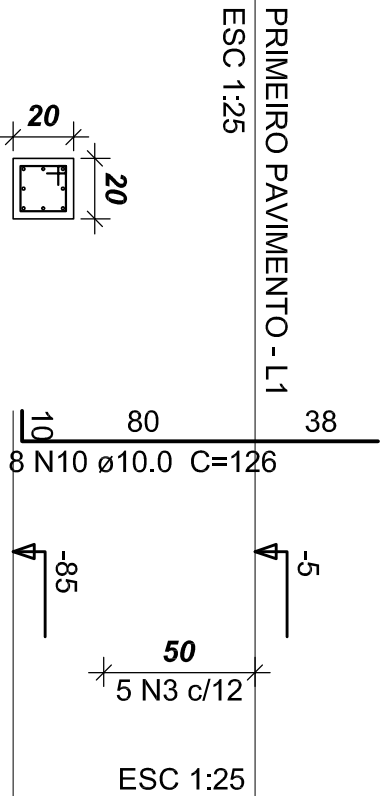
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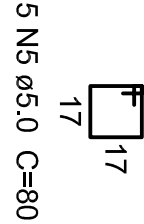
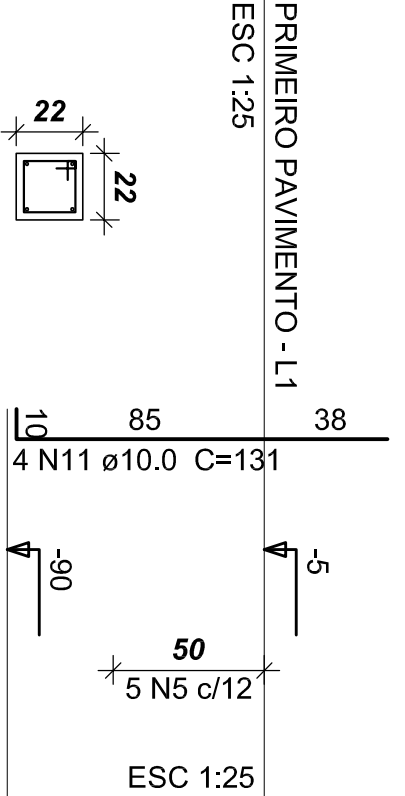
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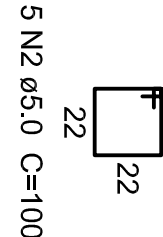
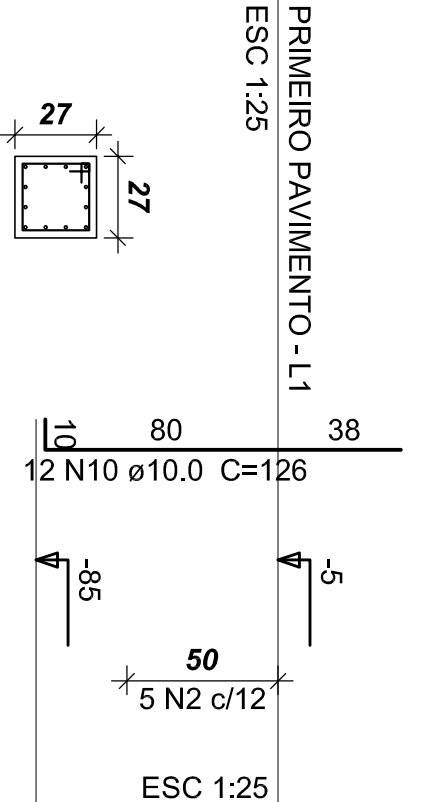
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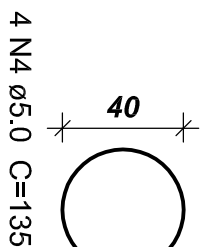
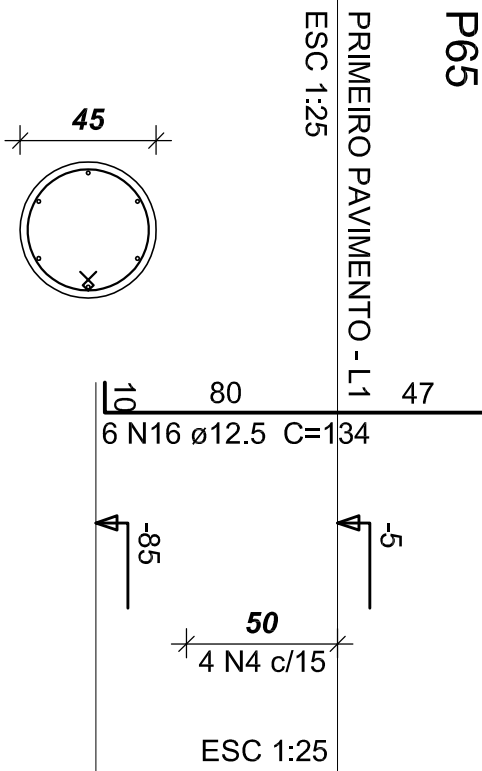
P38



P13=P19



P65



GT		18/06/2013		PROJETO ESTRUTURAL	
DATA		RESPONSÁVEL		DESCRIÇÃO DA REVISÃO	
 AS BUILT ENGENHARIA DE PROJETOS LTDA Rua João do Rosário, 1564 - Boa Vista CEP 82560-435 - Curitiba - Paraná asbuiltprojeto@gmail.com - (41) 3088-4949					
FASE:					
PROJETO ESTRUTURAL					
CONFERIR MEDIDAS NA OBRA					
OBJETO:					
ADMINISTRAÇÃO CAMPUS JANAÚBA					
PROPRIETÁRIO:					
UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E WILTON					
CNPJ					
16.888.315/0001-57					
FRANCHA:					
ESPERA DOS PILARES					
AUTOR PROJETO:					
CARLOS HENRIQUE DE SOUZA GONÇALVES					
CREA 79927D - PR					
ESCALA: INDICADA				DESENHO:	
VERSÃO:				EQUIPE:	
VERSÃO I				18/06/2013	
ÁREA CONSTRUIDA:				FOLHA:	
3056,63m²				EST	
ARQUIVO:				03/22	