

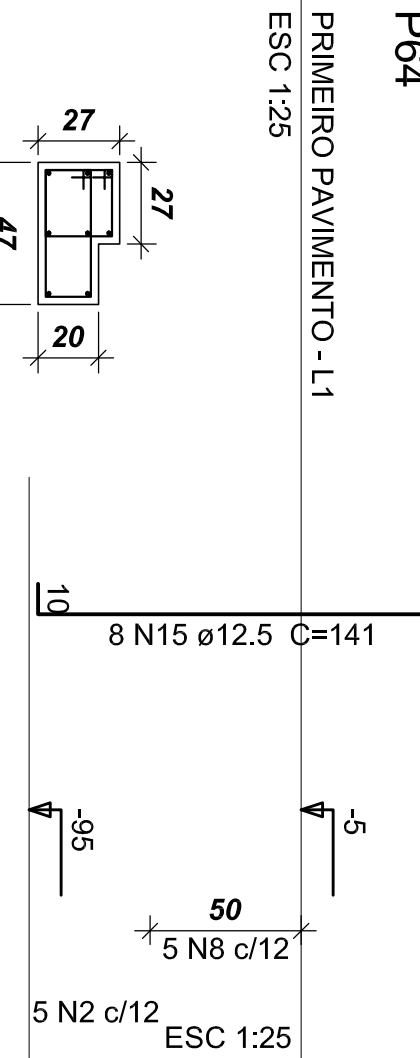
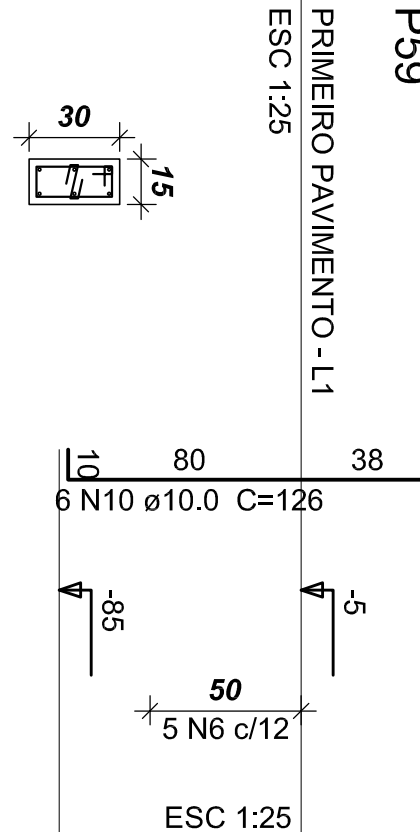
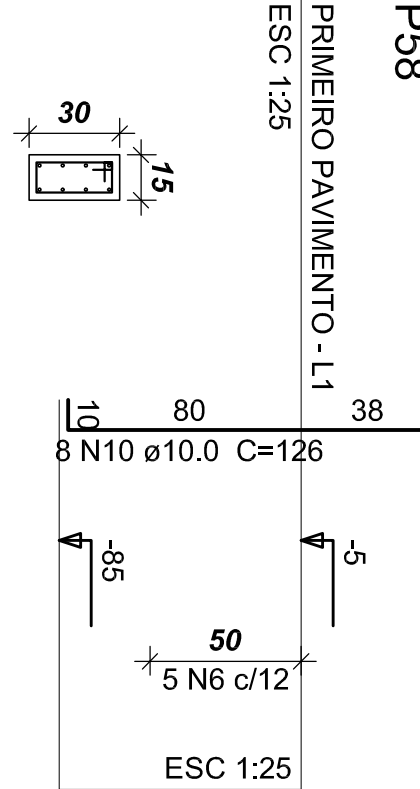
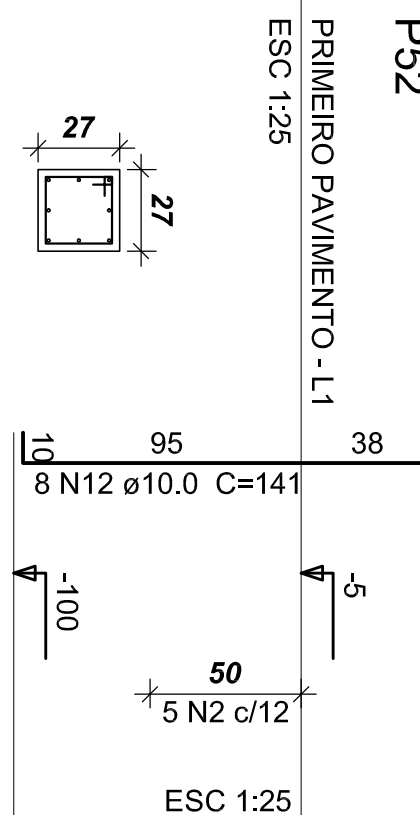
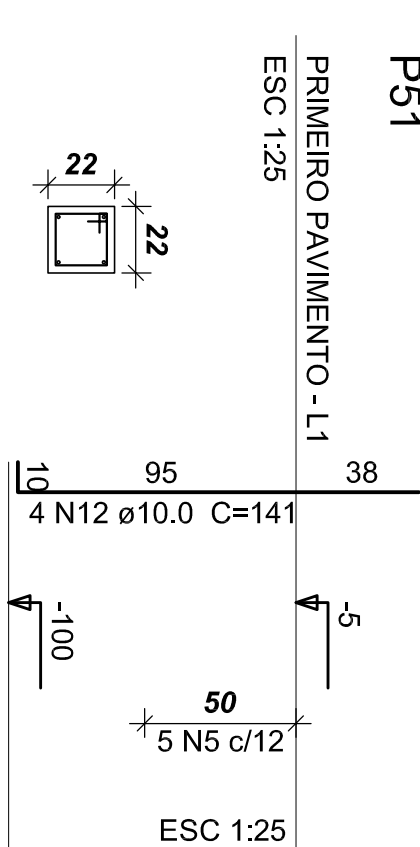
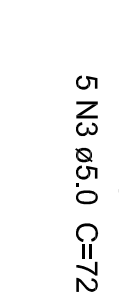
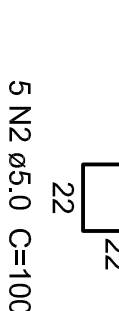
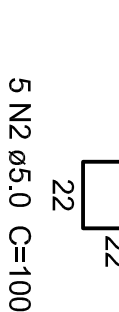
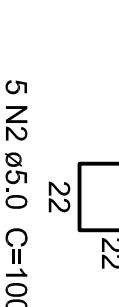
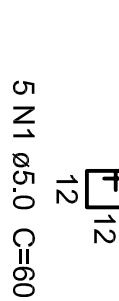
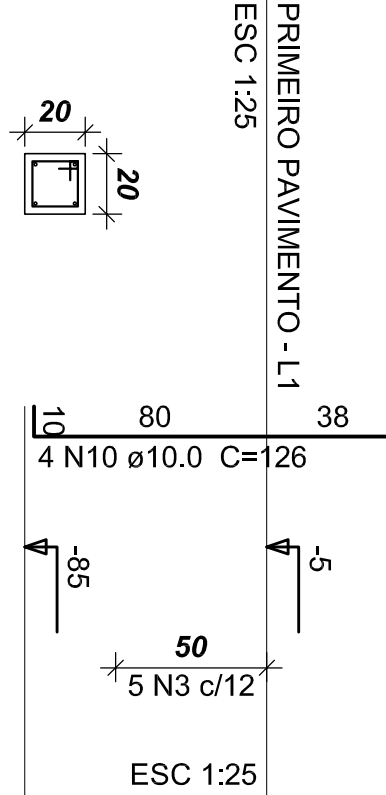
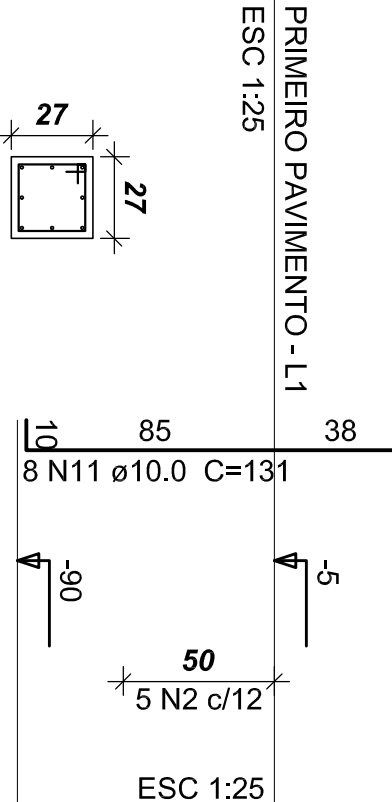
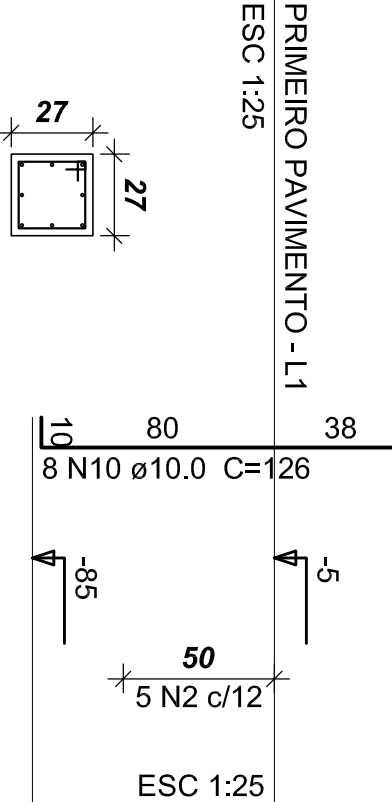
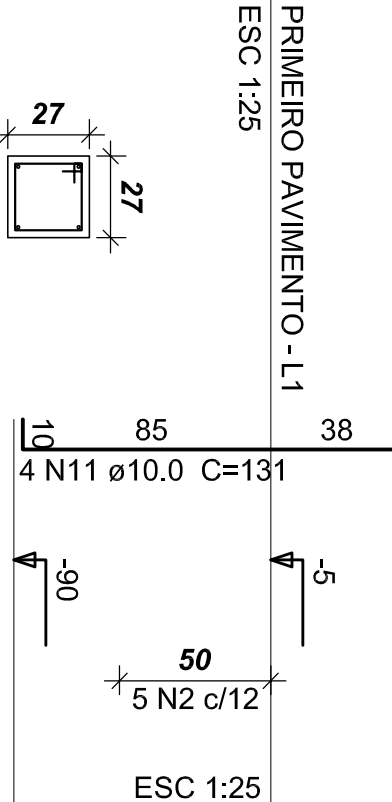
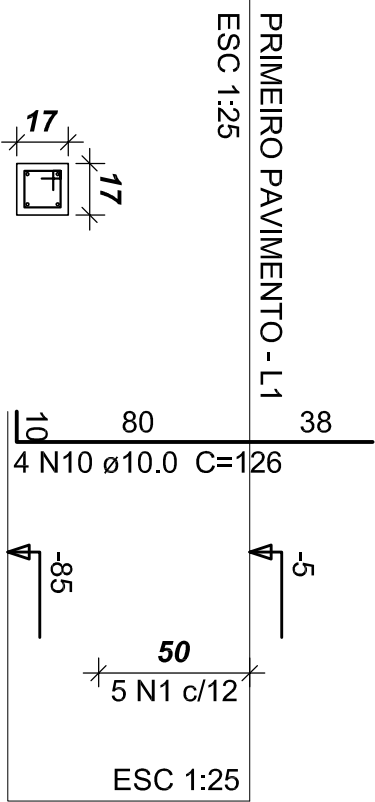
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P55=P61=P62=P68

P11=P14=P15=P21
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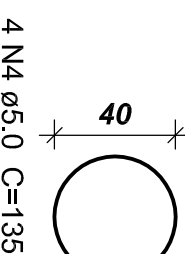
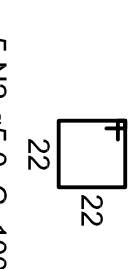
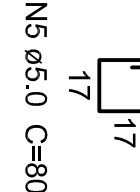
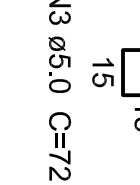
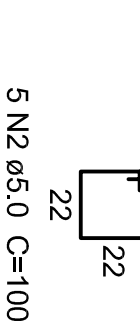
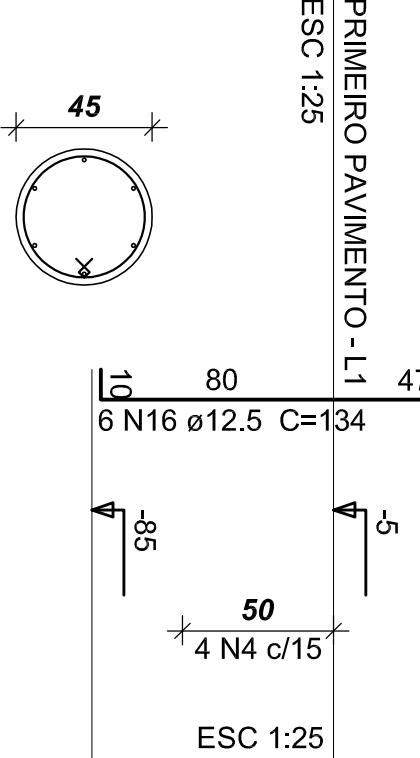
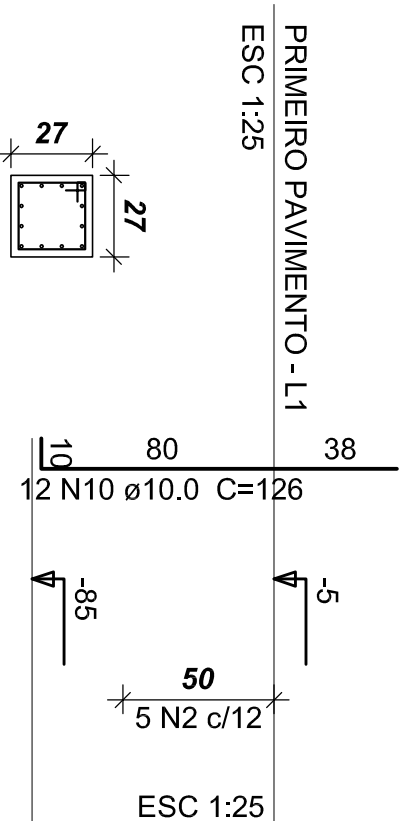
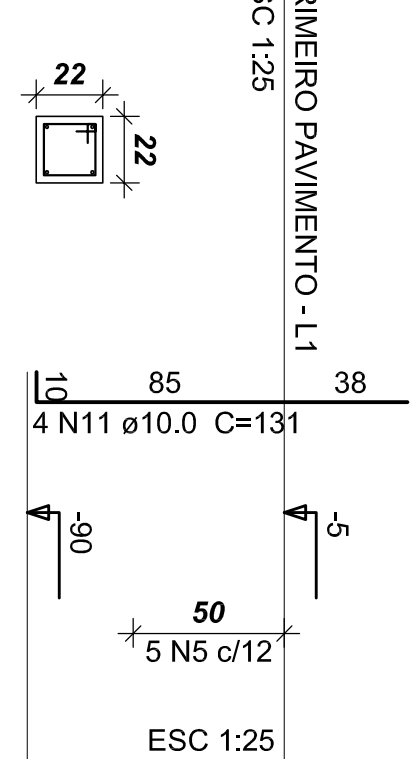
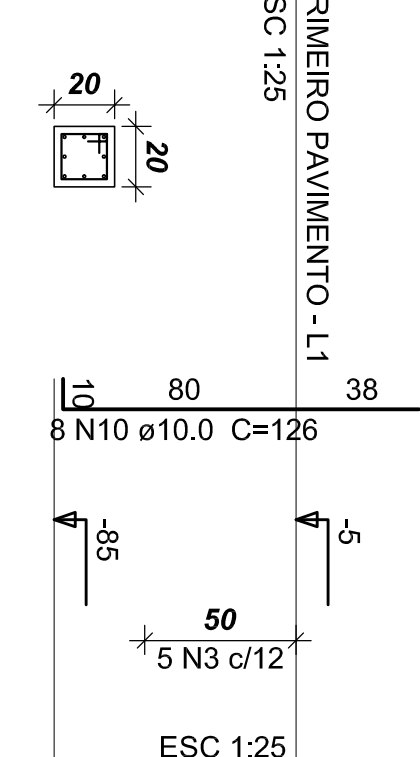
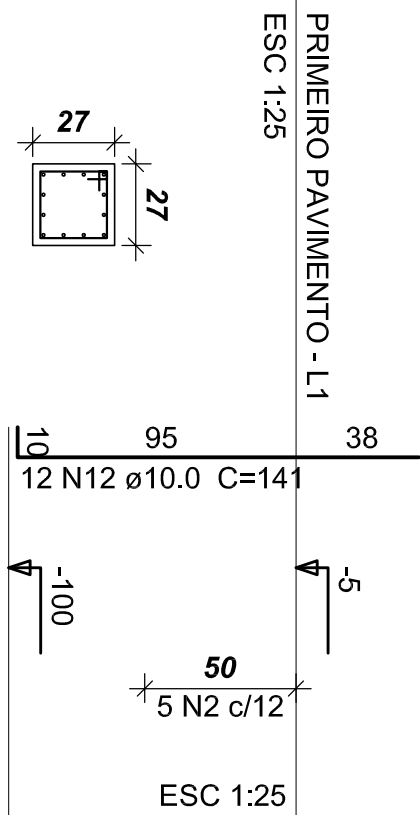
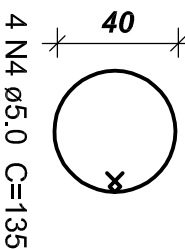
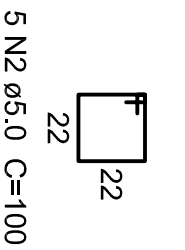
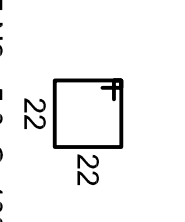
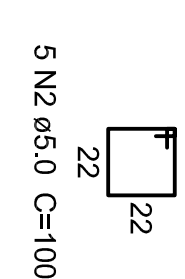
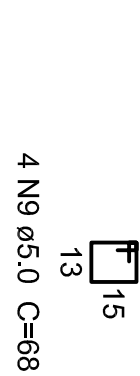
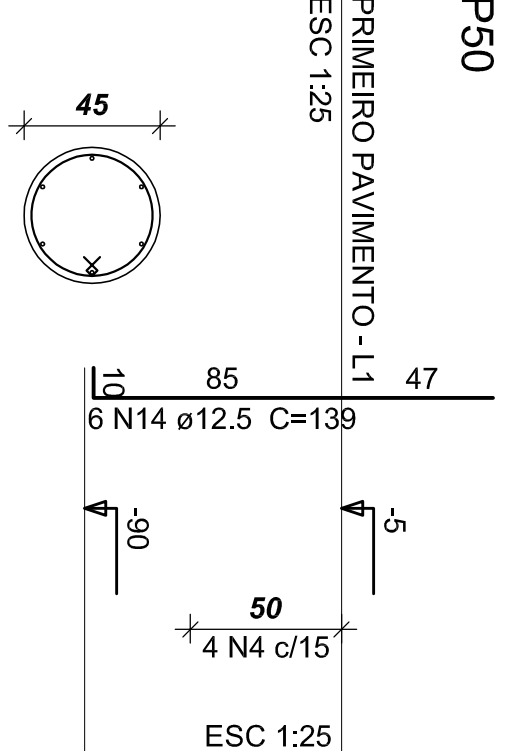
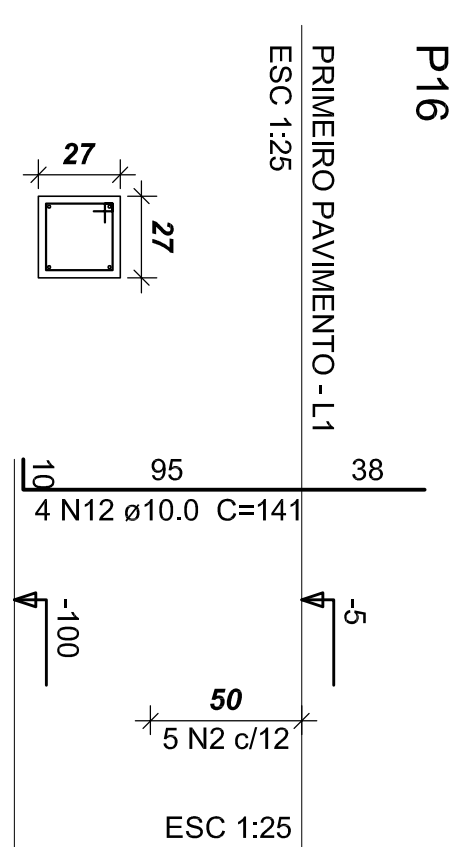
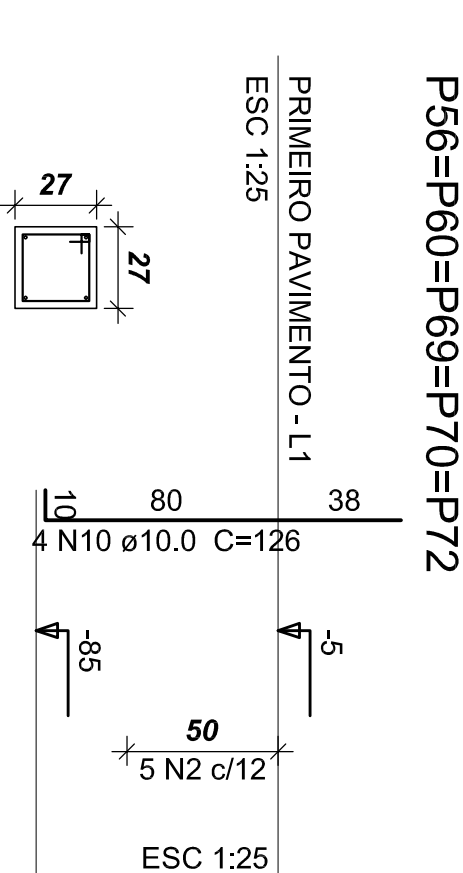
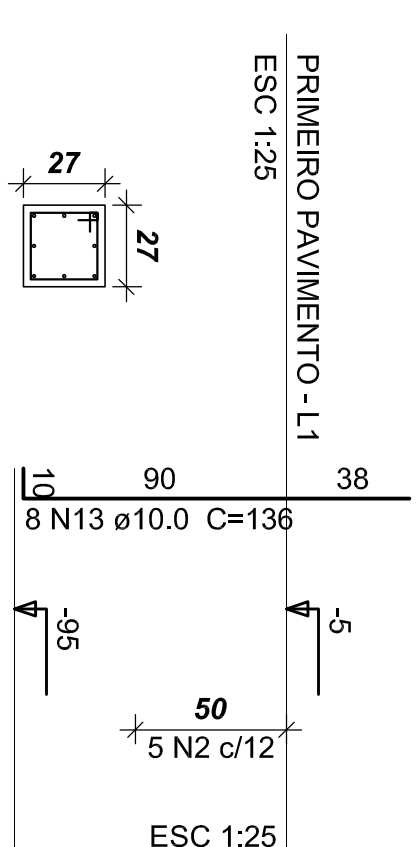
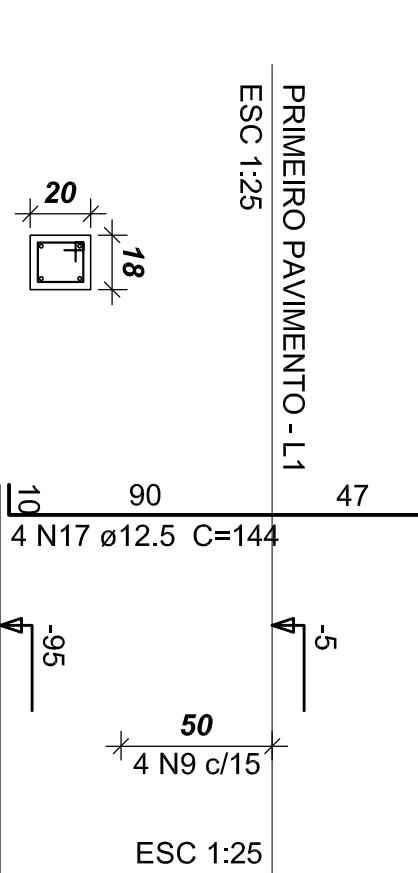
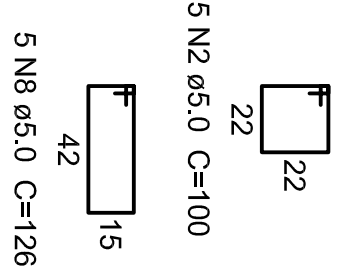
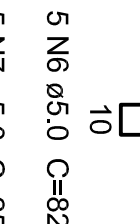
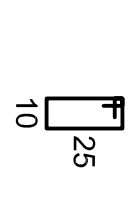
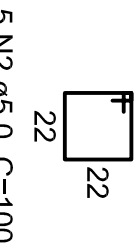
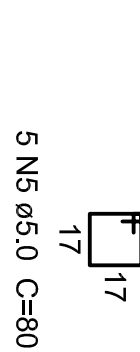
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P26=P27=P28=P29=P30



AÇO	DIAM	C:TOTAL	PESO
CA50	10.0	495.4	305.4
CA60	12.5	33.5	32.2
PESO TOTAL		345.9	53.3
CA50	337.6		
CA60	53.3		

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



AÇO	N	DIAM	Q	UNIT	C:TOTAL
CA60	1	5.0	70	60	4200
	2	5.0	100	100	24500
	3	5.0	245	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

OBJETO: PROJETO ESTRUTURAL		PROJETO ESTRUTURAL	
Nº: 22/06/2013		RESPONSÁVEL: DESIGNAÇÃO DA REVISÃO:	
AS BUILT ENGENHARIA DE PROJETOS LTDA Rua João do Rosário, 1564 - Boa Vista CEP: 82560-435 - Curitiba - Paraná asbuiltprojeto@gmail.com - (41) 3086-4949			
OBJETO: ADMINISTRAÇÃO CAMPUS UNAI		UNIVM	
PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E WILDOCKSON		CNPJ: 16.886.315/0001-57	
FRANCHA: ESPERA DOS PILARES			
AUTOR PROJETO: CARLOS HENRIQUE DE SOUZA GONÇALVES CREA 79927D - PR			
ESCALA: INDICADA		DESENHO: EQUIPE	
VERSÃO: 1	DATA: 22/07/2013	ÁREA CONSTRUIDA: 3056,63m²	FOLHA: 03/22
ARQUIVO:			