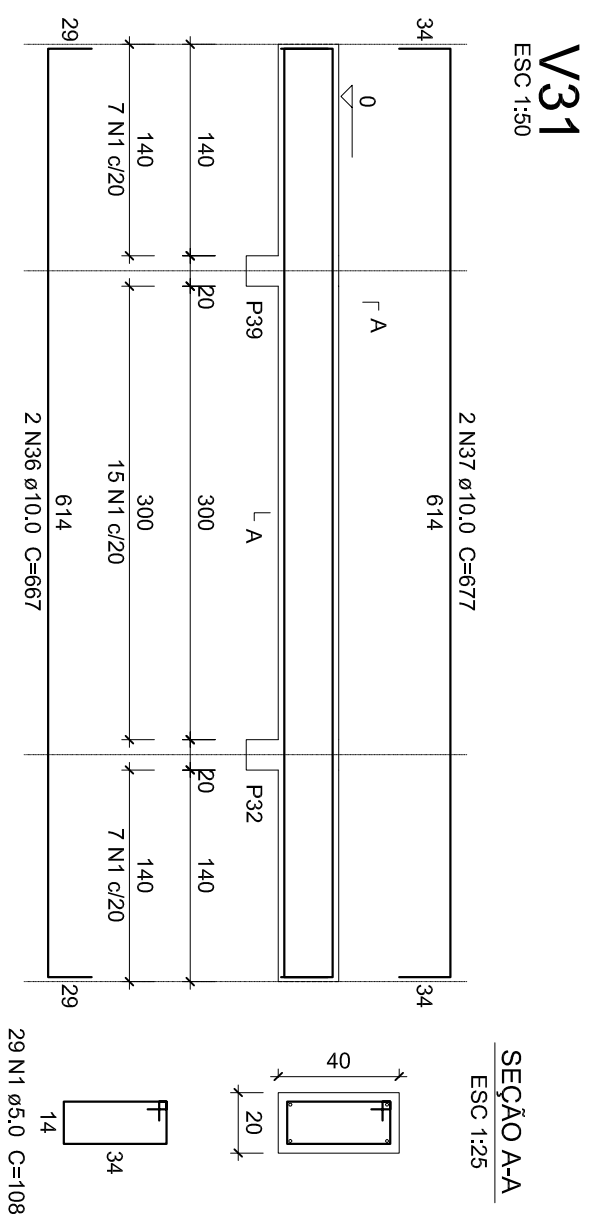
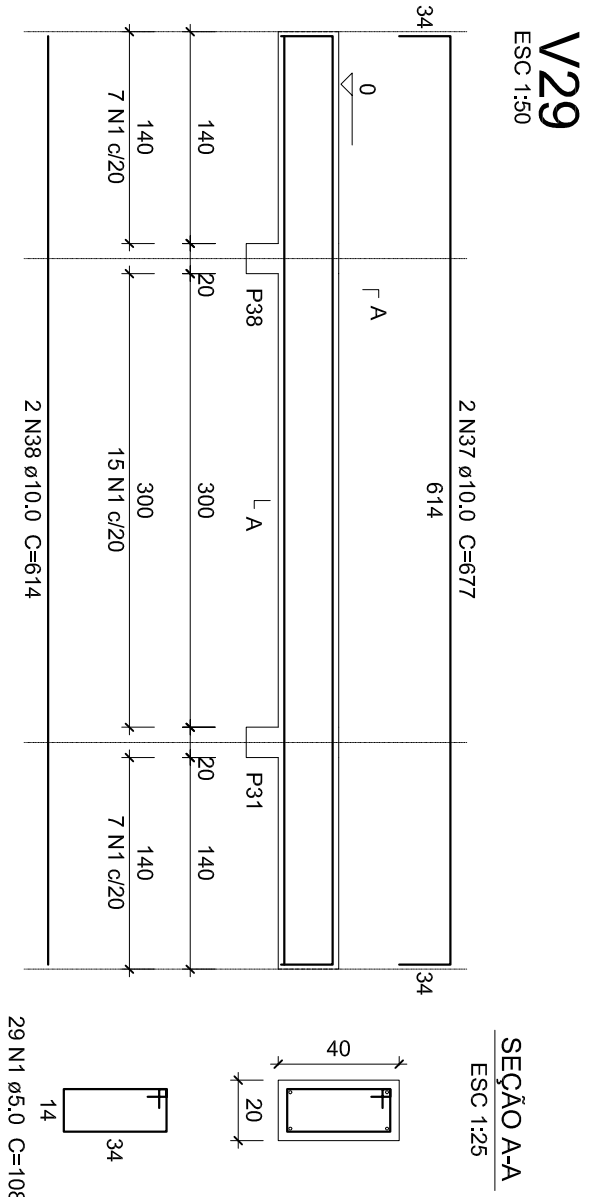
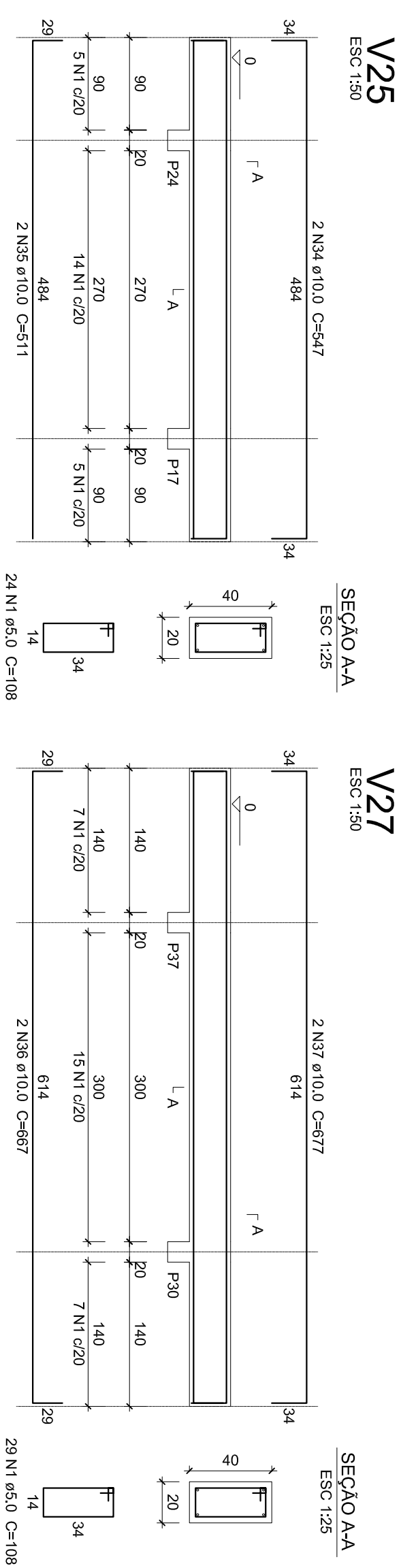
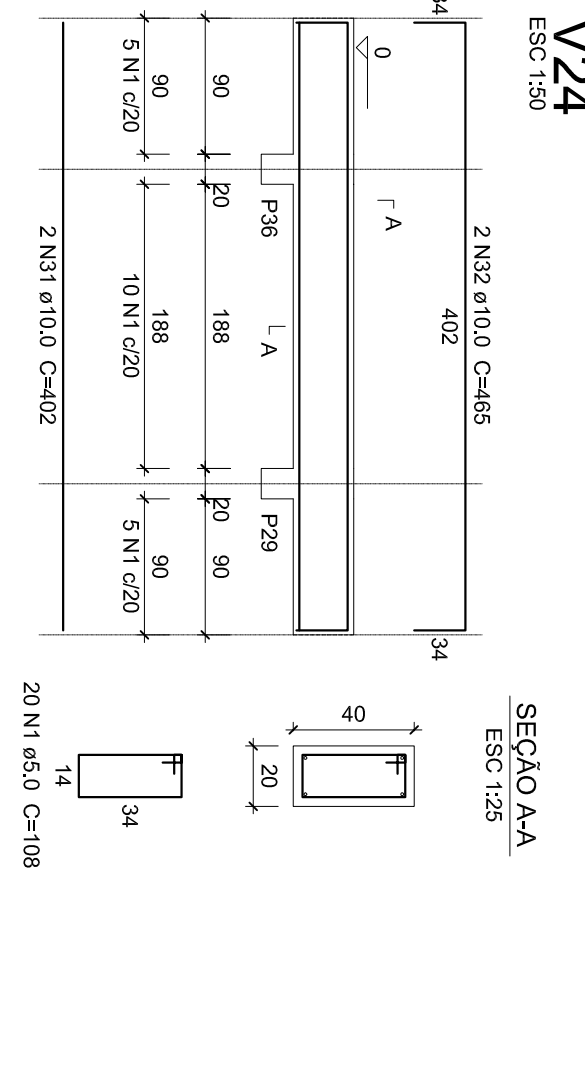
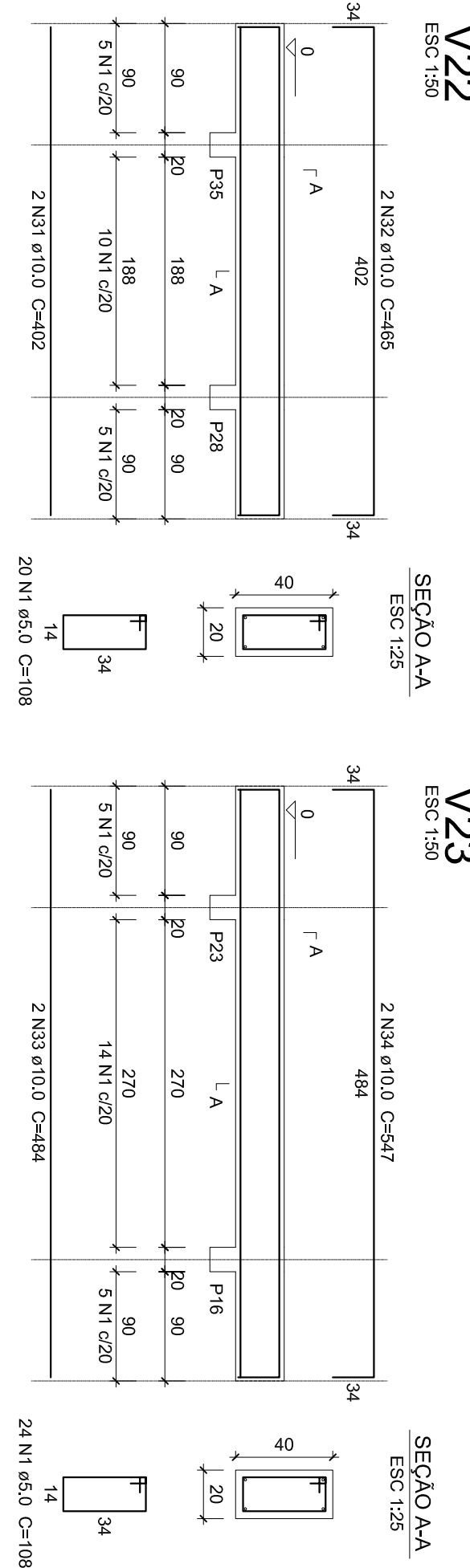
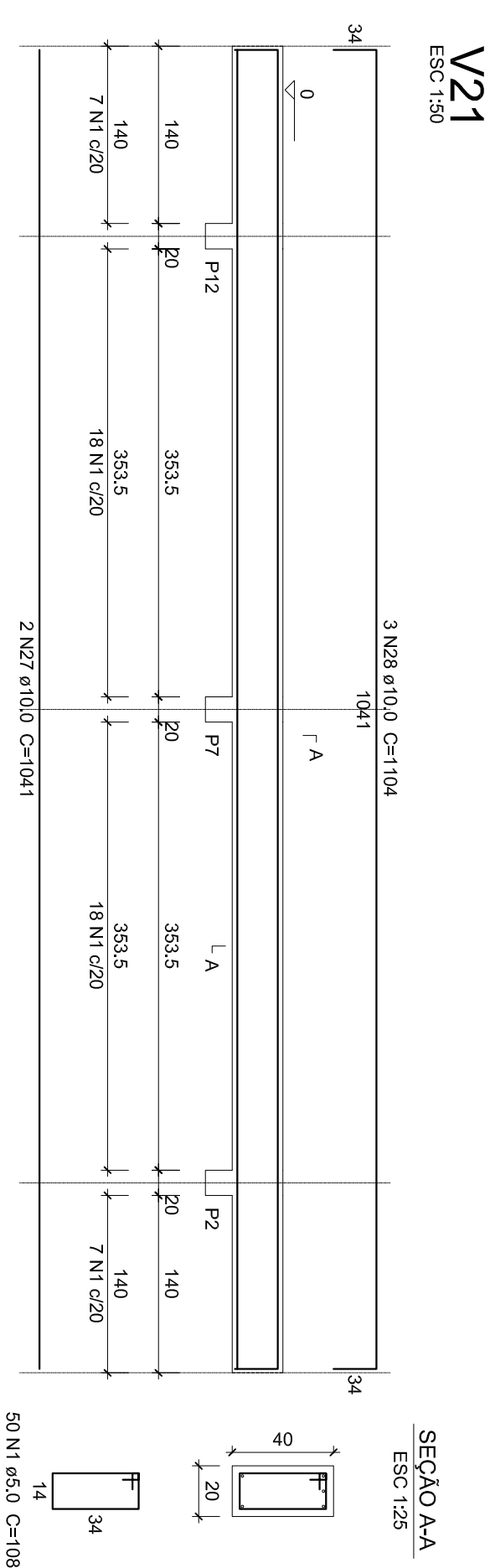
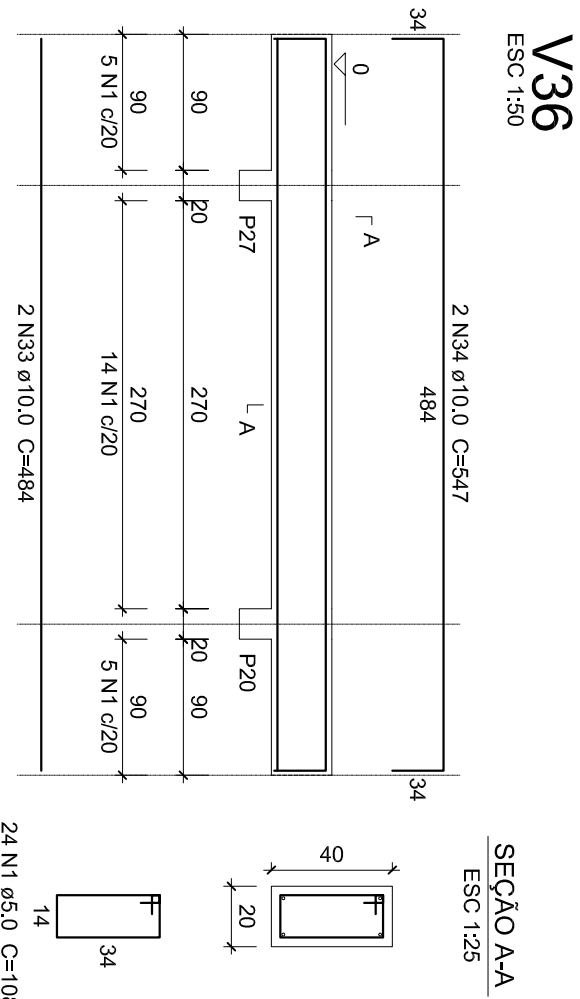
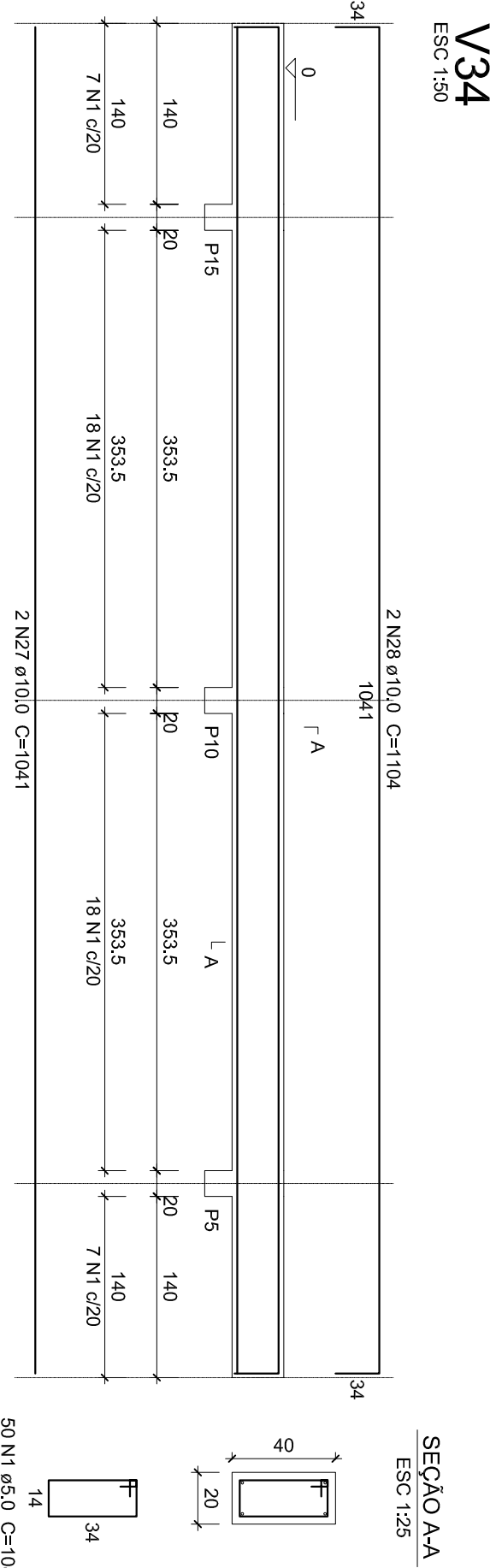
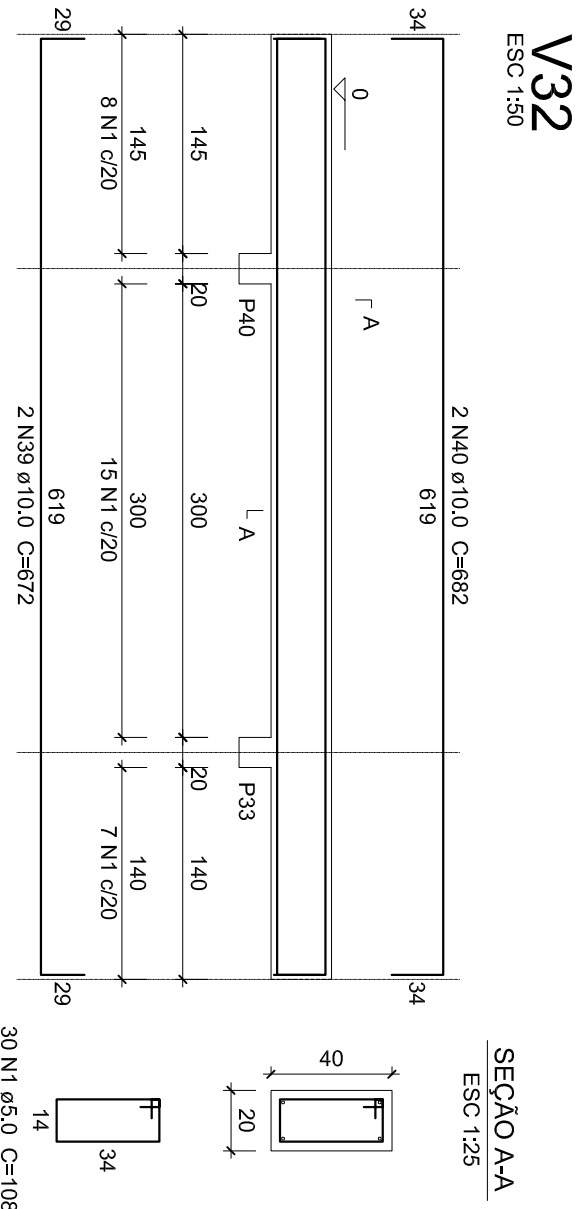
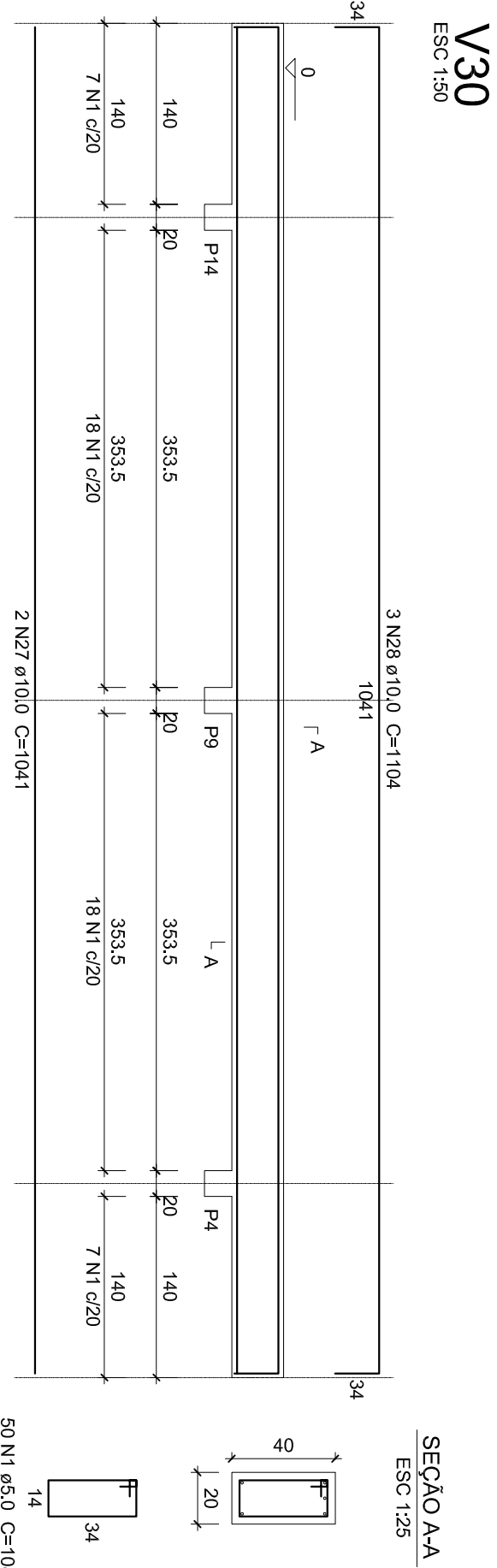
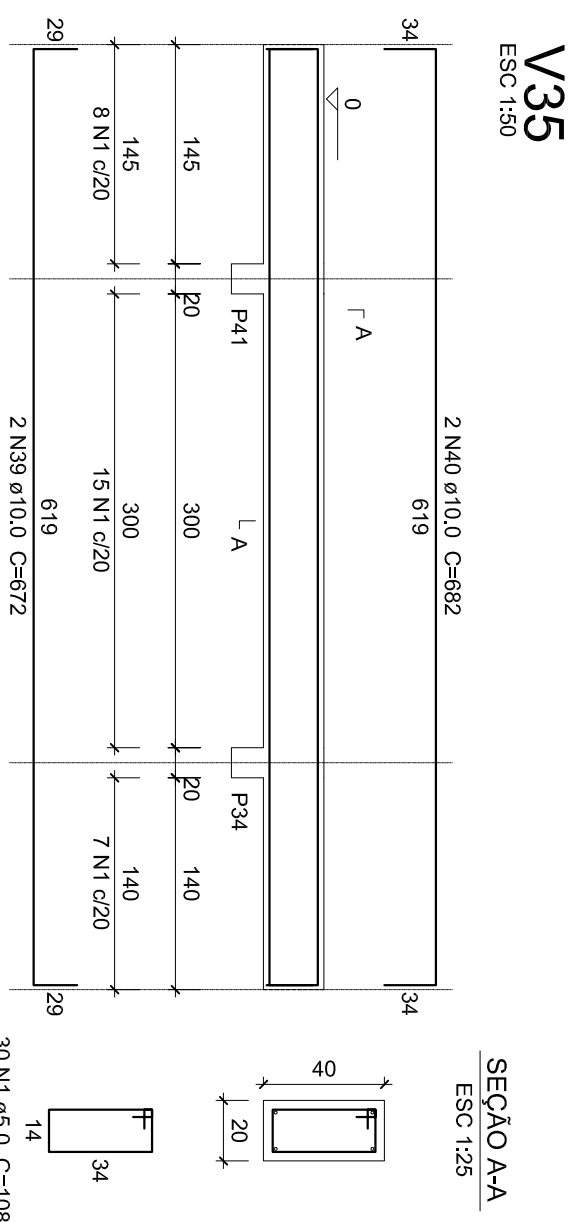
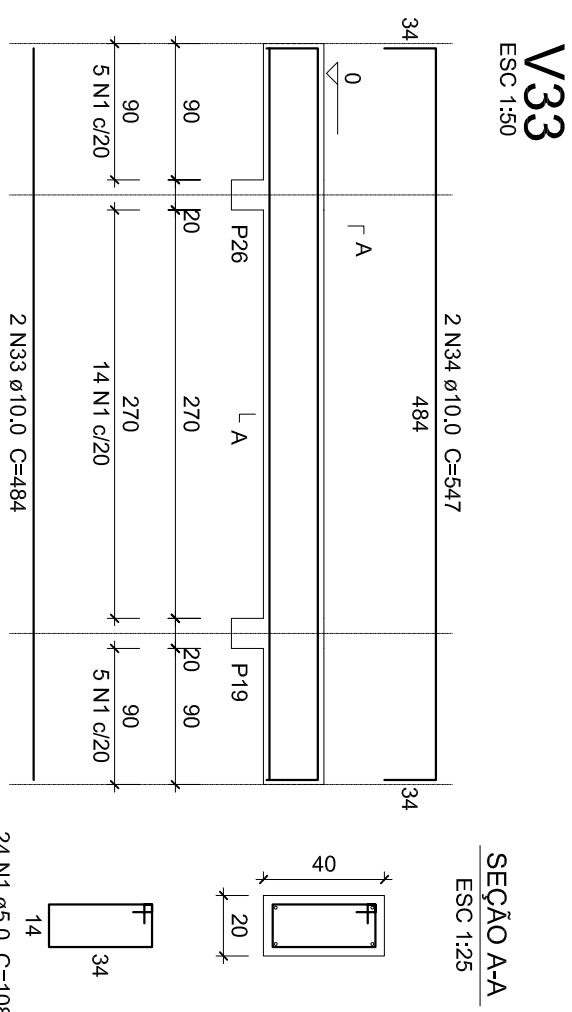
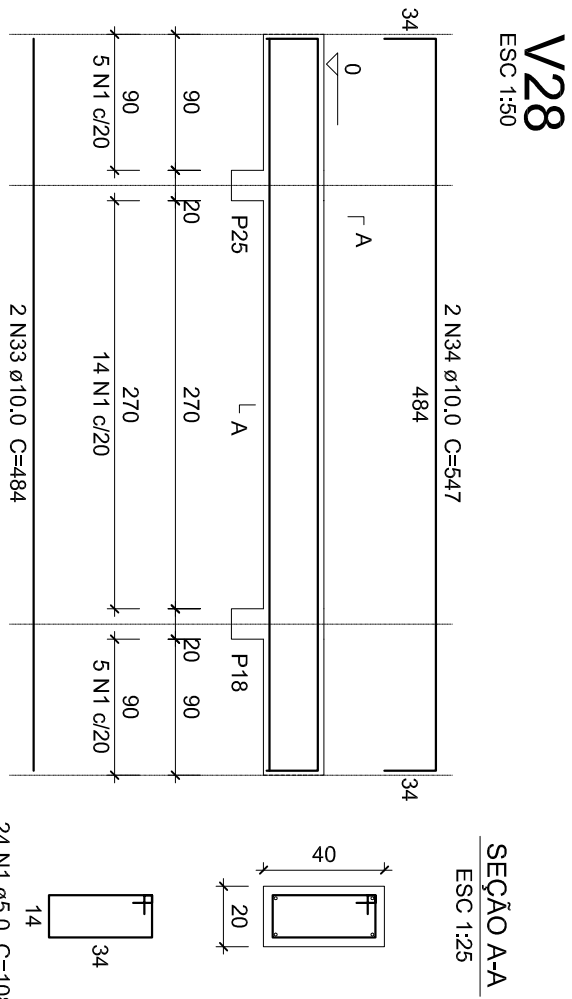
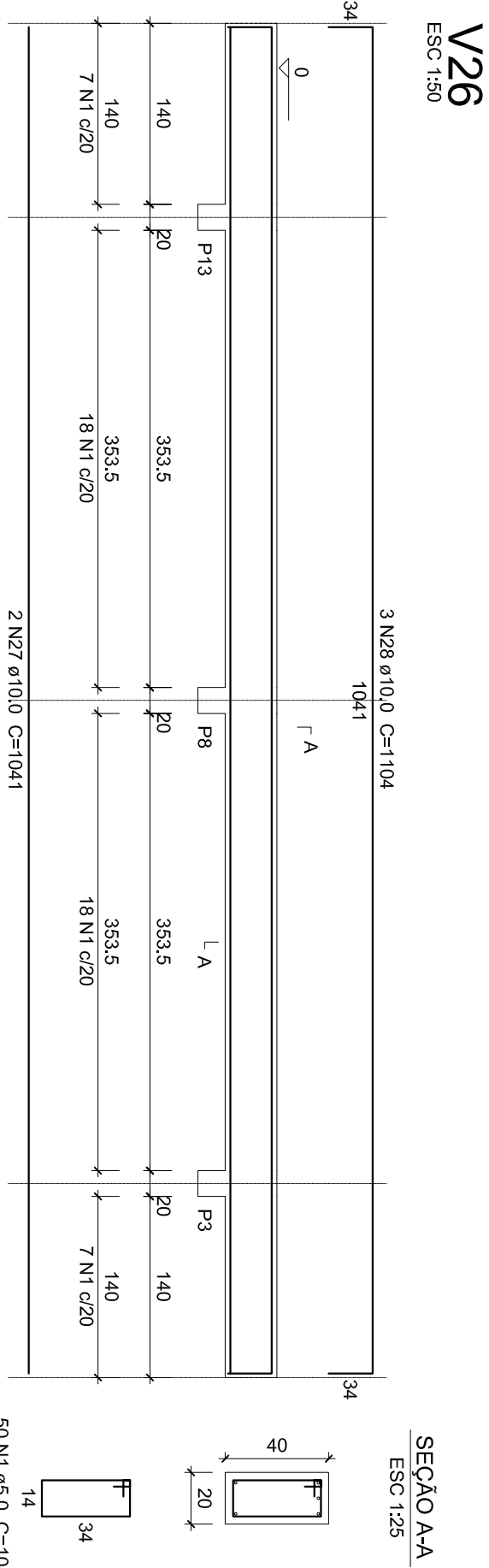


Relação do aço				
V1	V2	V3		
V4	V5	V6		
V7	V8	V9		
V10	V11	V12		
V13	V14	V15		
V16	V17	V18		
V19	V20	V21		
V22	V23	V24		
V25	V26	V27		
V28	V29	V30		
V31	V32	V33		
V34	V35	V36		



ACO	DAM	C.TOTAL	PESO + 10 %
CA50	(mm)	(m)	(kg)
CA50	10,0	1316,8	893
PESO TOTAL	5,0	1346,8	228,3
CA50	893		

Volume de concreto (C-25) = 20,57 m³  
Área de forma = 237,06 m²



CONTRATANTE: INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA CATARINENSE – REITORIA UNIDADE: CAMPUS BRUSQUE ENDEREÇO: RUA DAS MISSÕES, 100 BLUMENAU – SC		CONTRATANTE: INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA CATARINENSE UNIDADE: CAMPUS BRUSQUE ENDEREÇO: AV HUGO SCHLOSSER BRUSQUE – SC	
AUTORIA DO PROJETO: ENR. MARIO C. ALEXANDRE JUNIOR CREA-SC: 119087-1		NOME DO PROJETO: FUNDADORES E PISO – REFEITÓRIO E VIVÊNCIA	
OBJETIVO DO PROJETO: CONSTRUÇÃO		TIPO DO PROJETO: ESTRUTURAL	
AUTORIA DO DESENHO: ENR. MARIO C. ALEXANDRE JR		REVISO: Nº	
CIDADE – UF: BLUMENAU – SC		01	
DATA: 04/2014		ESCALA: INDICADA	
		REFERÊNCIA: EST. 04/06	