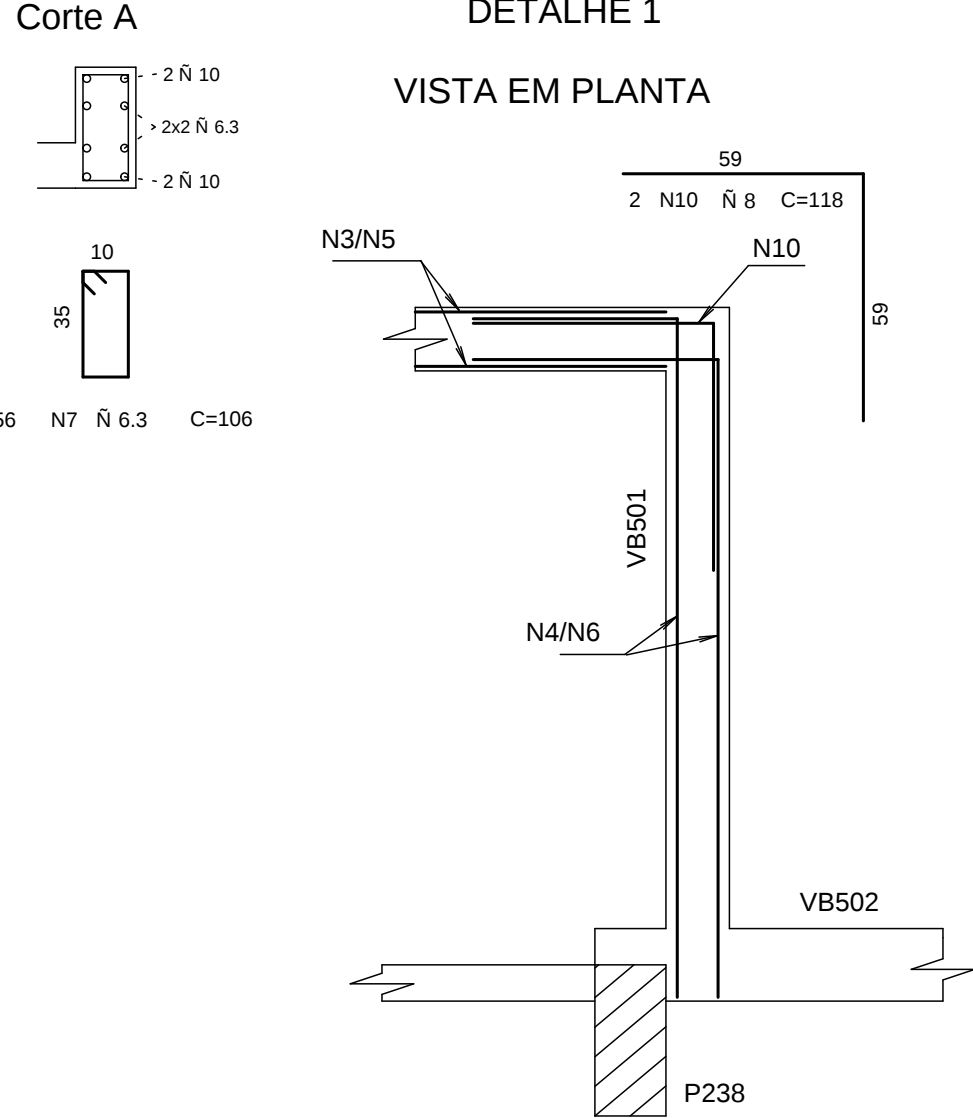
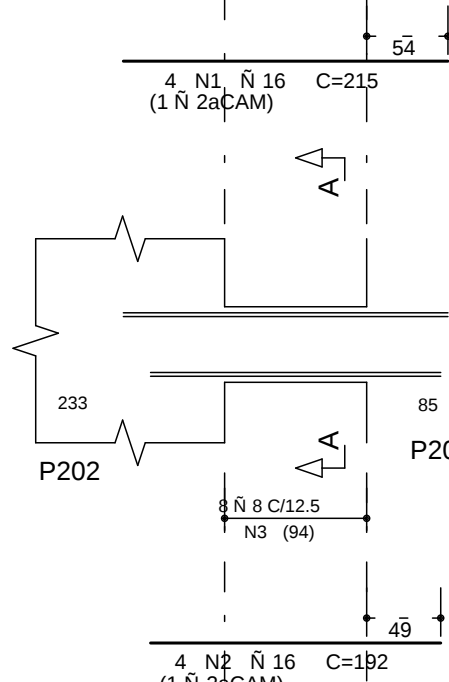


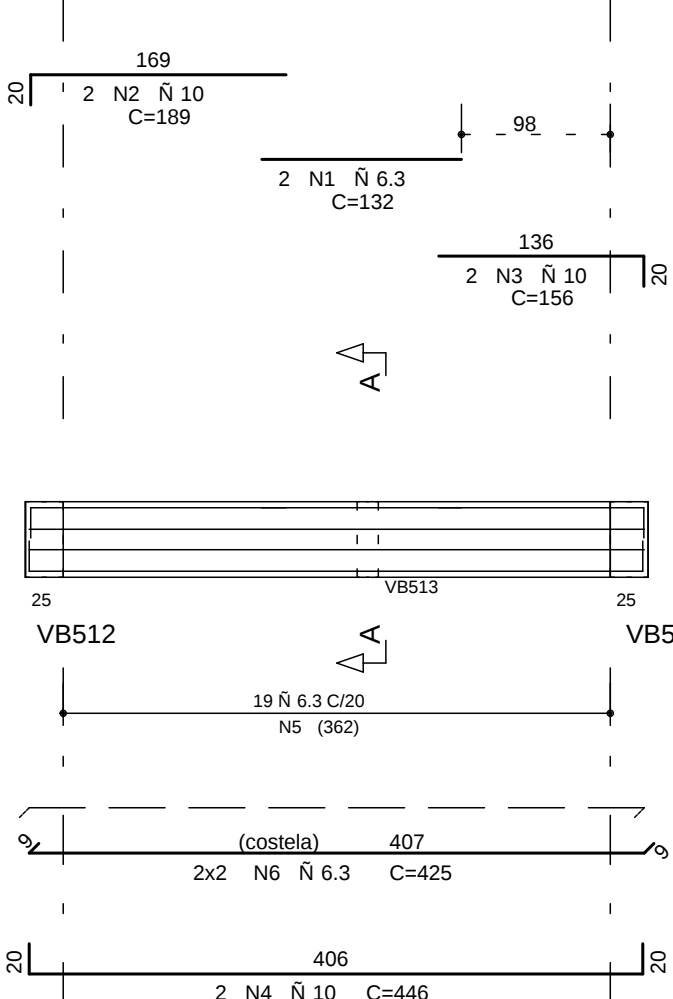
15/4C



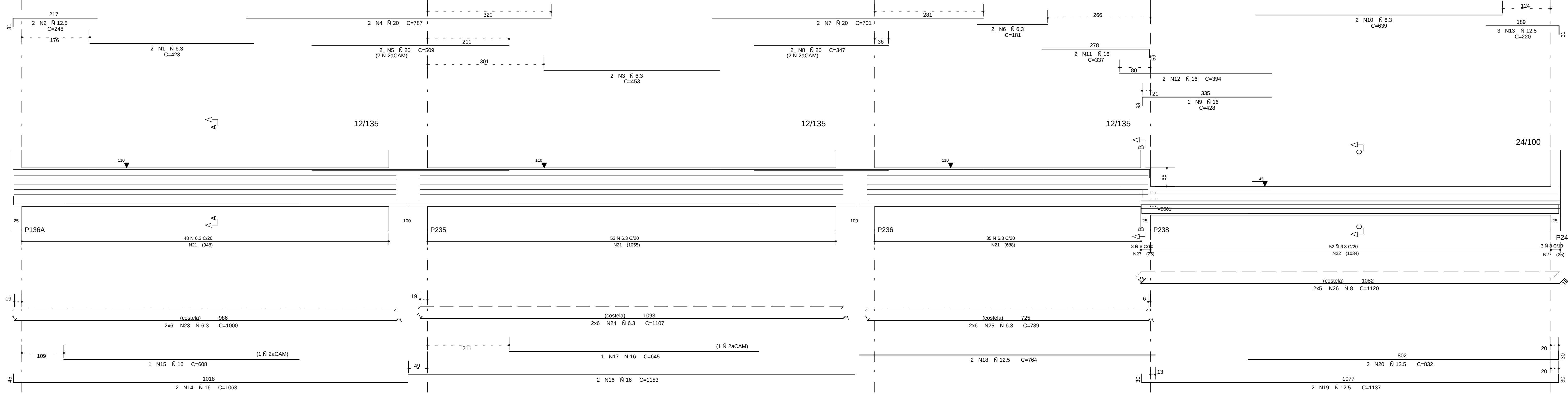
20/50



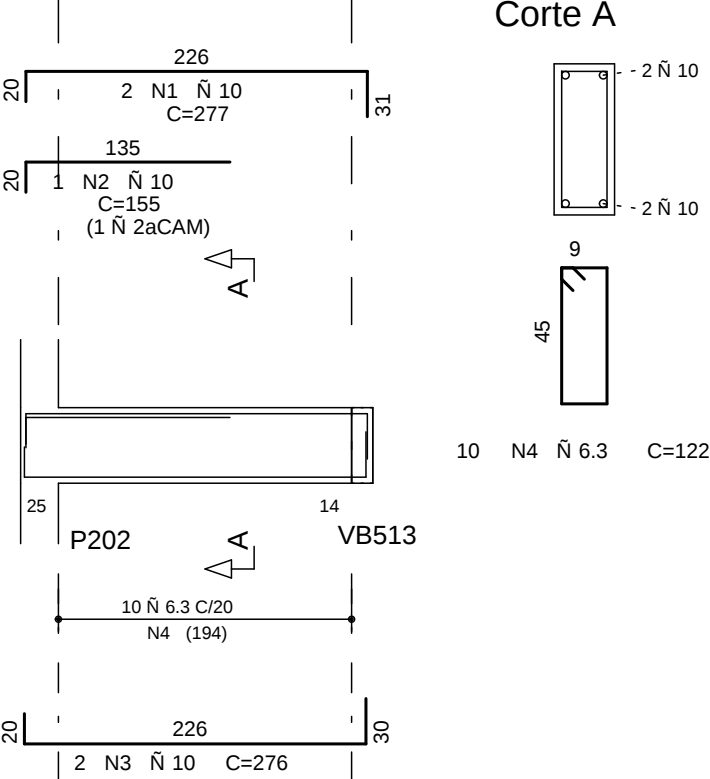
14/50



VAR/VAR

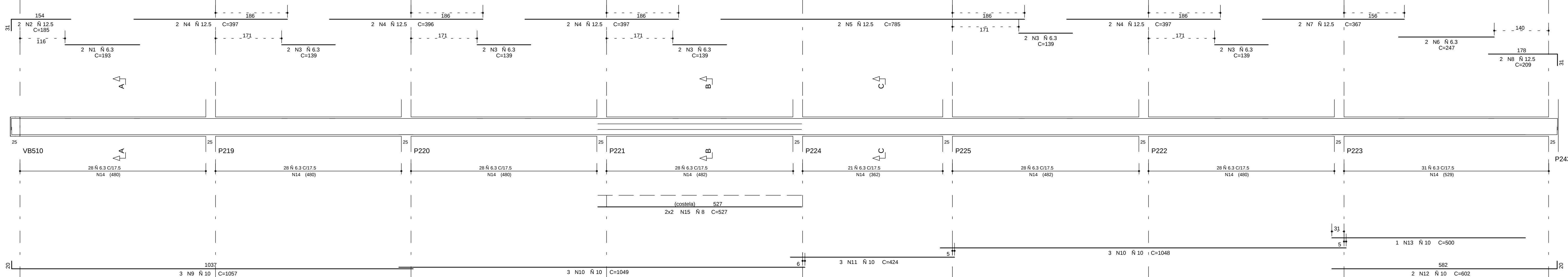


14/5C

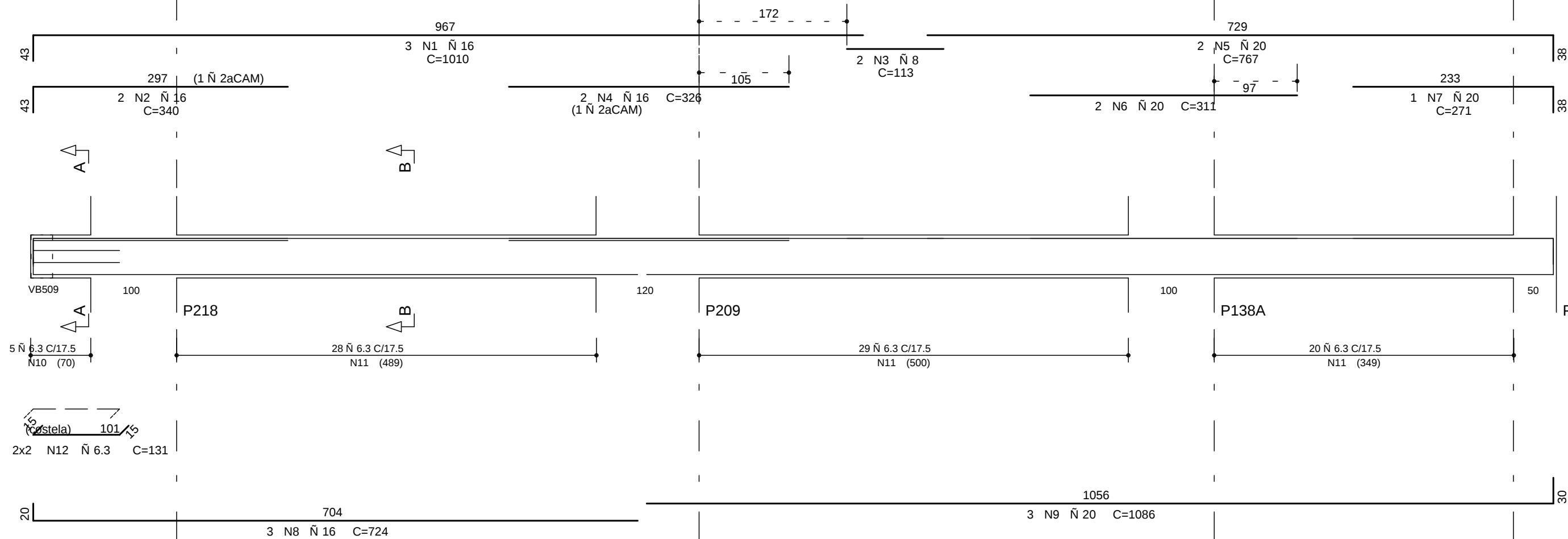


RESUMO AO CA. 50-60			
AE O	BIT (mm)	COMPR (m)	PESO (kg)
56A	6,3	1772	443
56A	0	1318	89
56A	30	345	233
56A	12,5	129	129
56A	3,8	157	252
56A	20	112	201
Peso total 56A =			1.392 kg

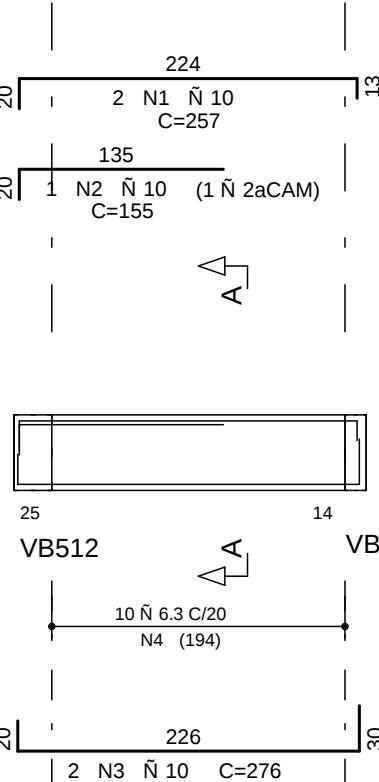
25/50



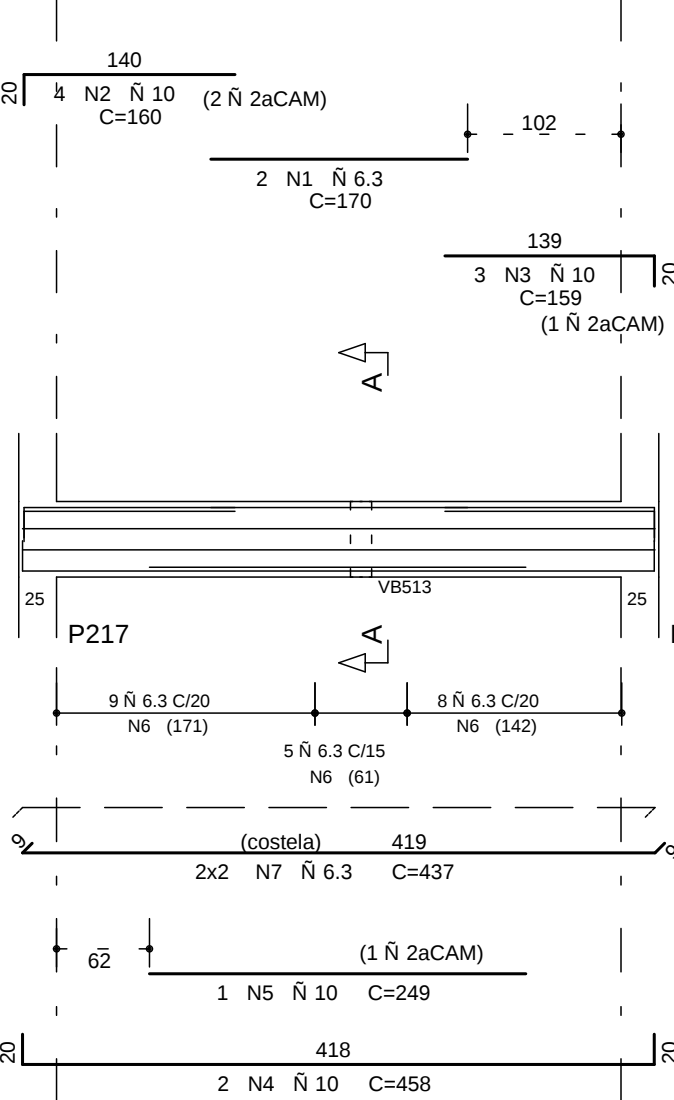
5/50



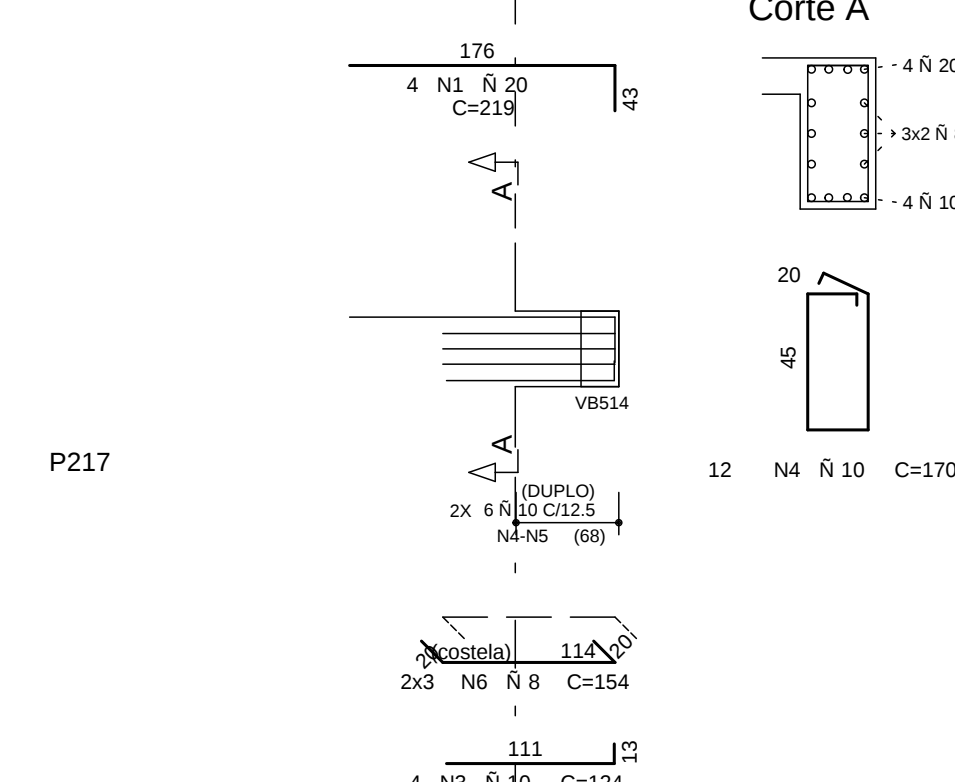
14/50



14/50



25/50



VB501 A VB510

EC = 28 GPa (MODULO DE ELASTICIDADE SECANTE AOS 28 DIAS).
A/C = 0,65 (FATOR AGUA CIMENTO)

2	21/08/2014	NUMERACAO FORMAL		
3	31/05/2012	REVISI(O V08502 E V0814		
4	17/05/2012	EMISSAO INICIAL		
REV	DATA	DESCRICAO		
 Smetra Engenharia R4 QUADRA 02 LOTE 14 AL. SAUL DA 02 BRASILEIA - CEP: 72300-000 FONE: (61)3011 3001/3003 E-MAIL: @SMETRA.ENG@GMAIL.COM				
PROJETO ESTRUTURAL				
CLIENTE	CENT INCORPORACAO LTDA			NO ORDEM XXXX
UBRA	ED. RESIDENCIAL/COMERCIAL, PANEIRAS			
ENDEREÇO/END	RUA 30 NORTE (LOTE 03) - RUA DAS PANEIRAS - AGUAS CLARAS DE			
DESCRICAO	ARMACAO DAS VIGAS IPO DO 1o PAVIMENTO			DESCRIPCÃO Nº
	TORRE 2 - JANTA B (01/02)			BL2
				047-085
DESENHISTA/	DATA	ESCALA	UNIDADE	Nº PROJETO
TECNIST/ PRISICILLA	25/05/2012	1:50	CM	478
ACQUIRIR/	678 -EST-BL2-	047-085 -R02 -VIG.FLT		
PROPRIETARIO	RESPONSÁVEL TÉCNICO			
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL:				
SOMETRA ENGENHARIA E PROJETOS SCS LTDA CREA-2722-SP				