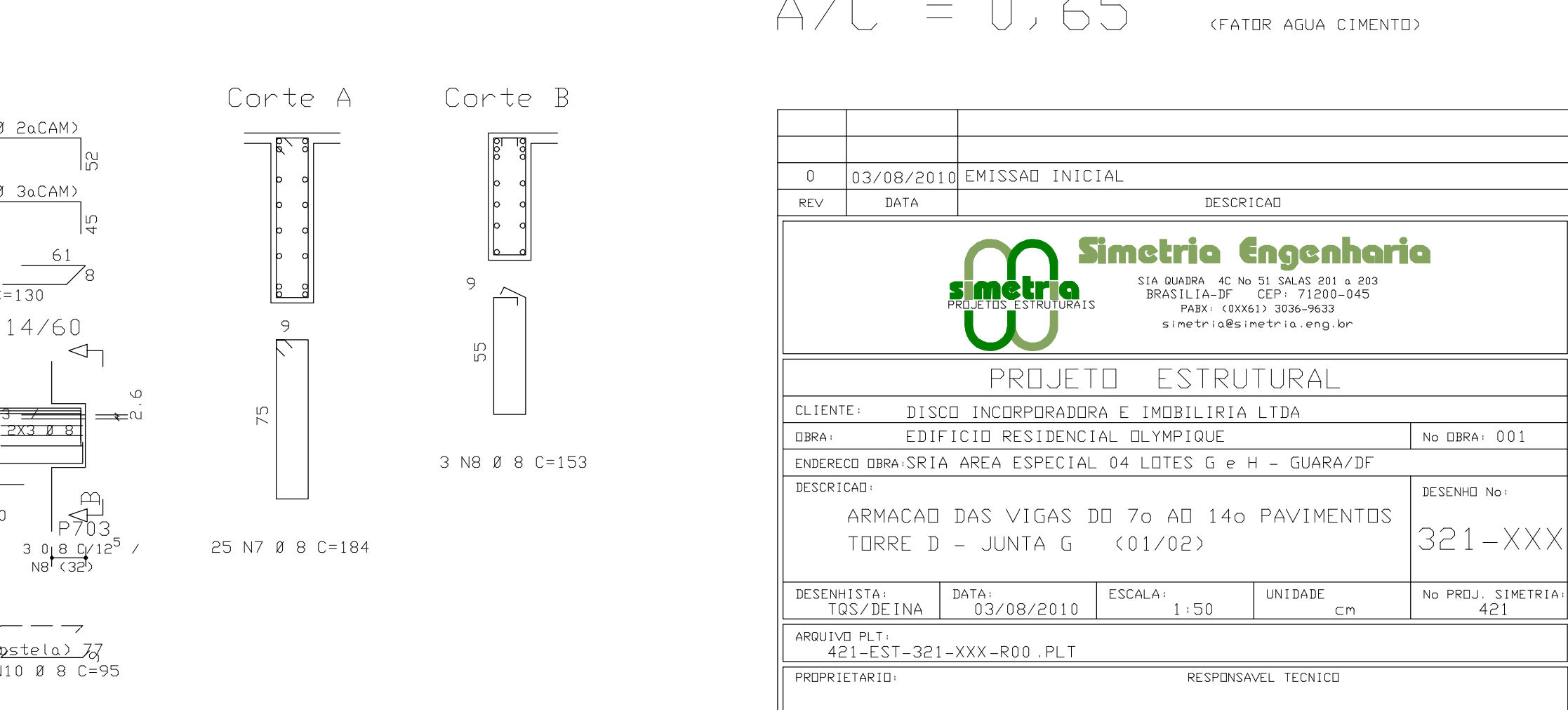
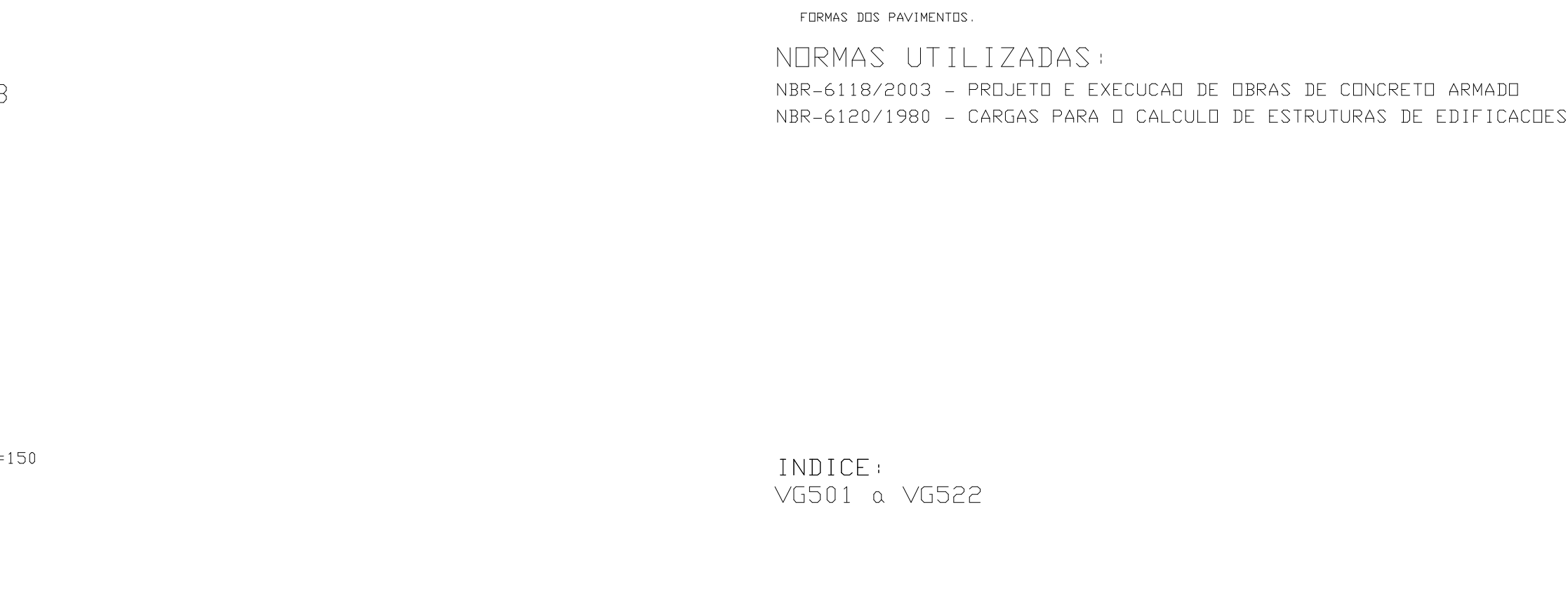
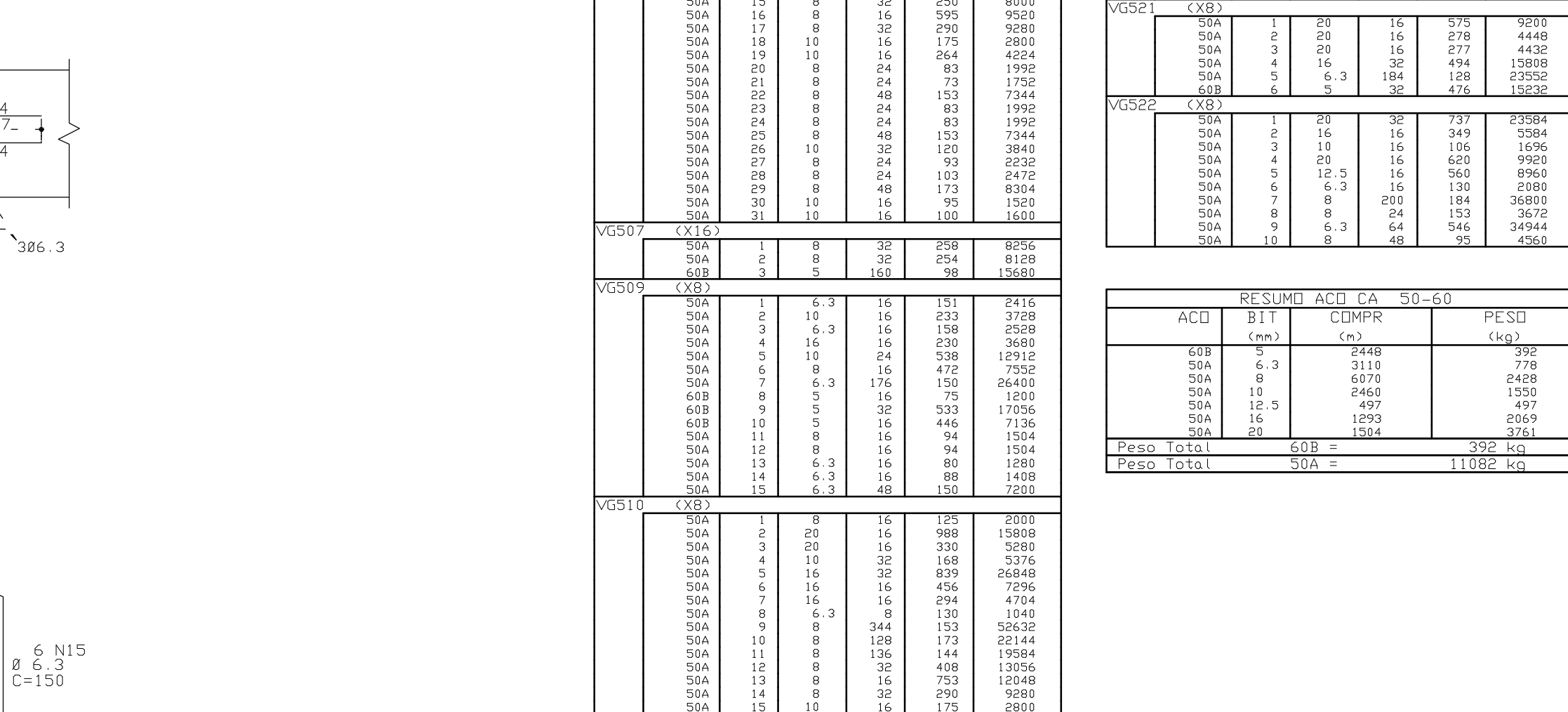
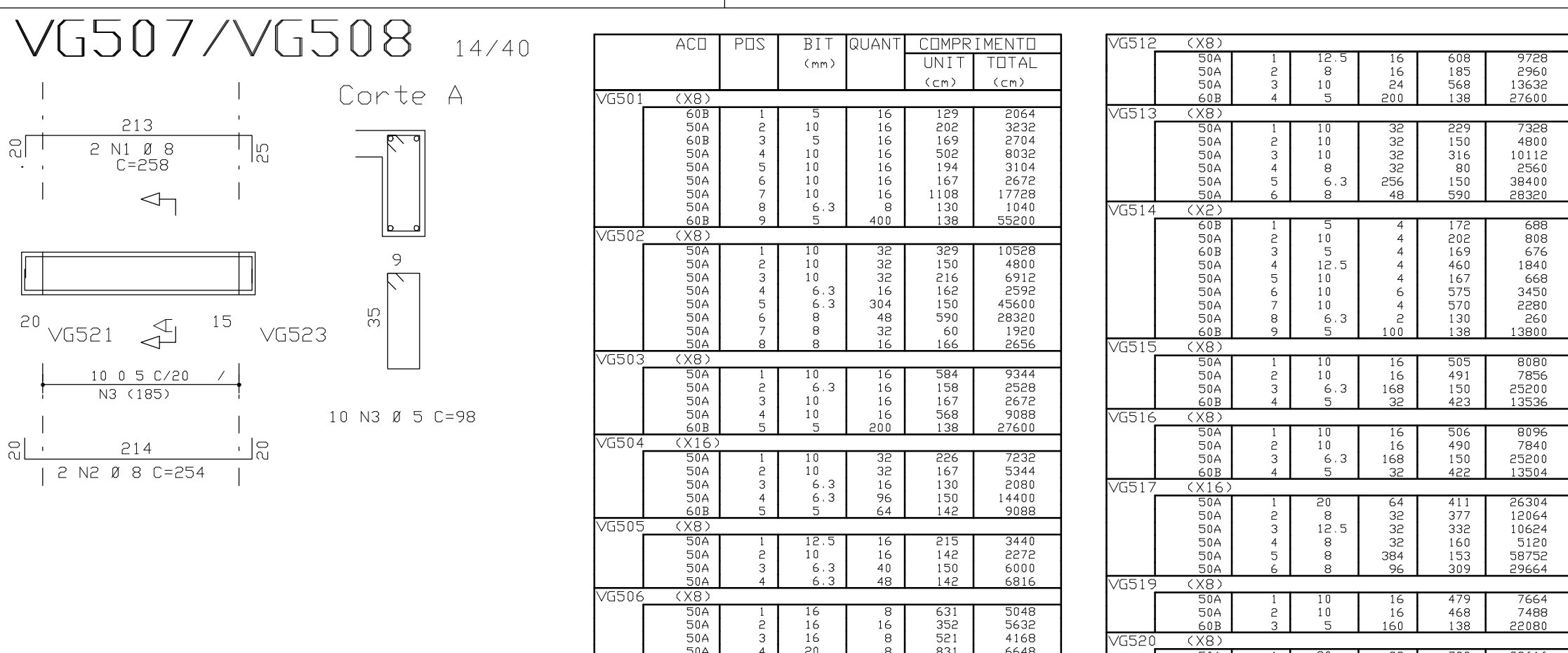
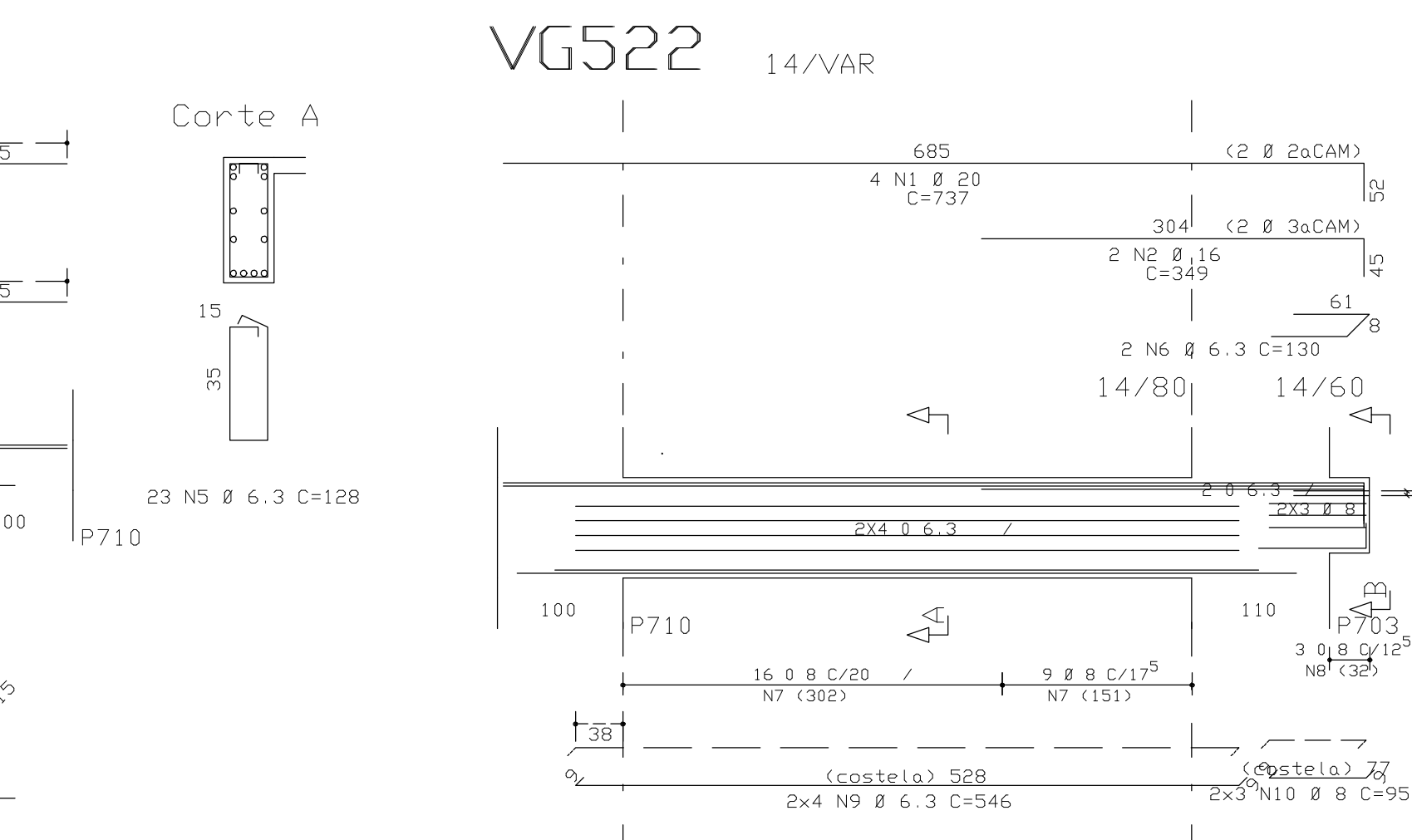
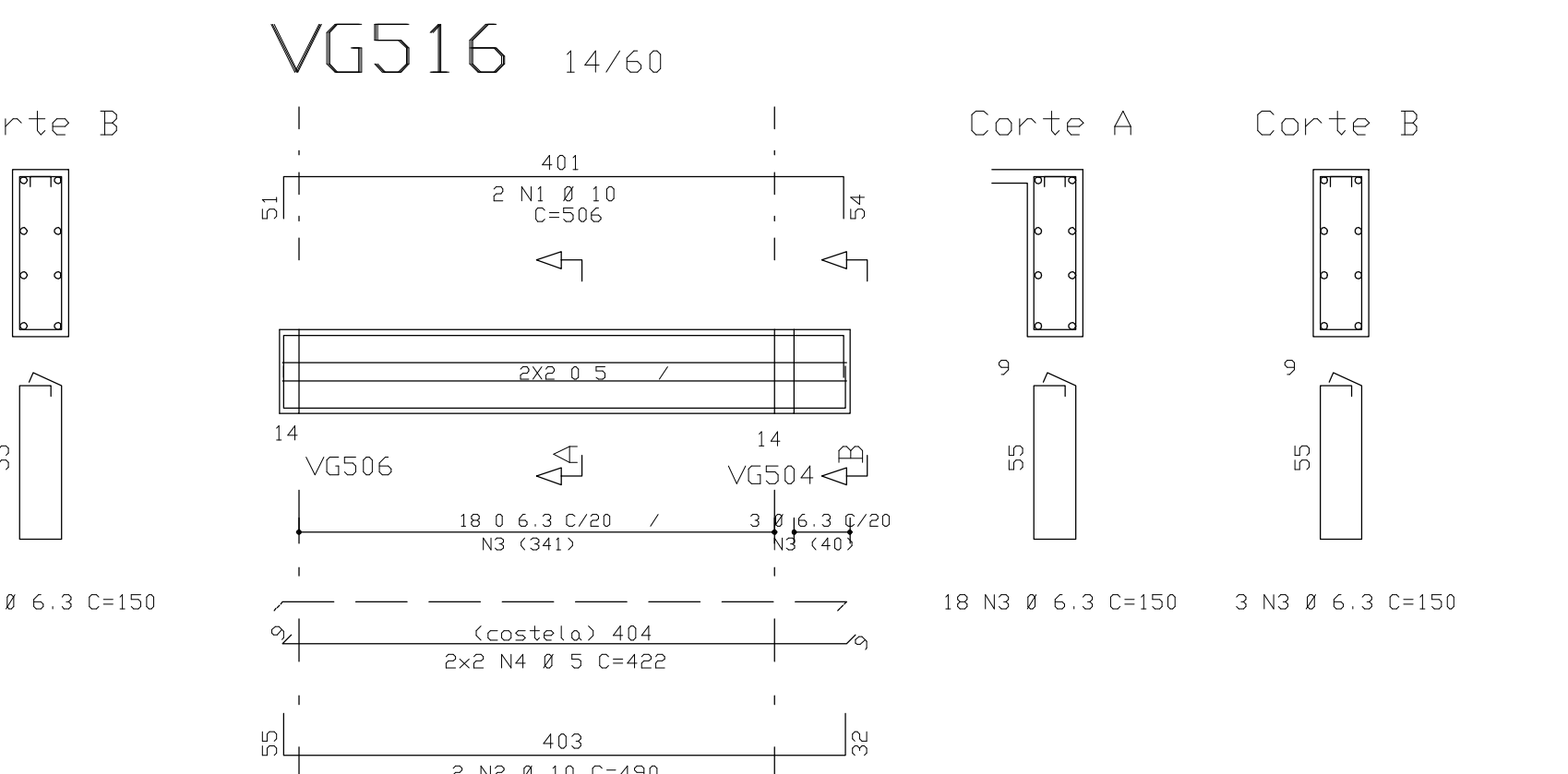
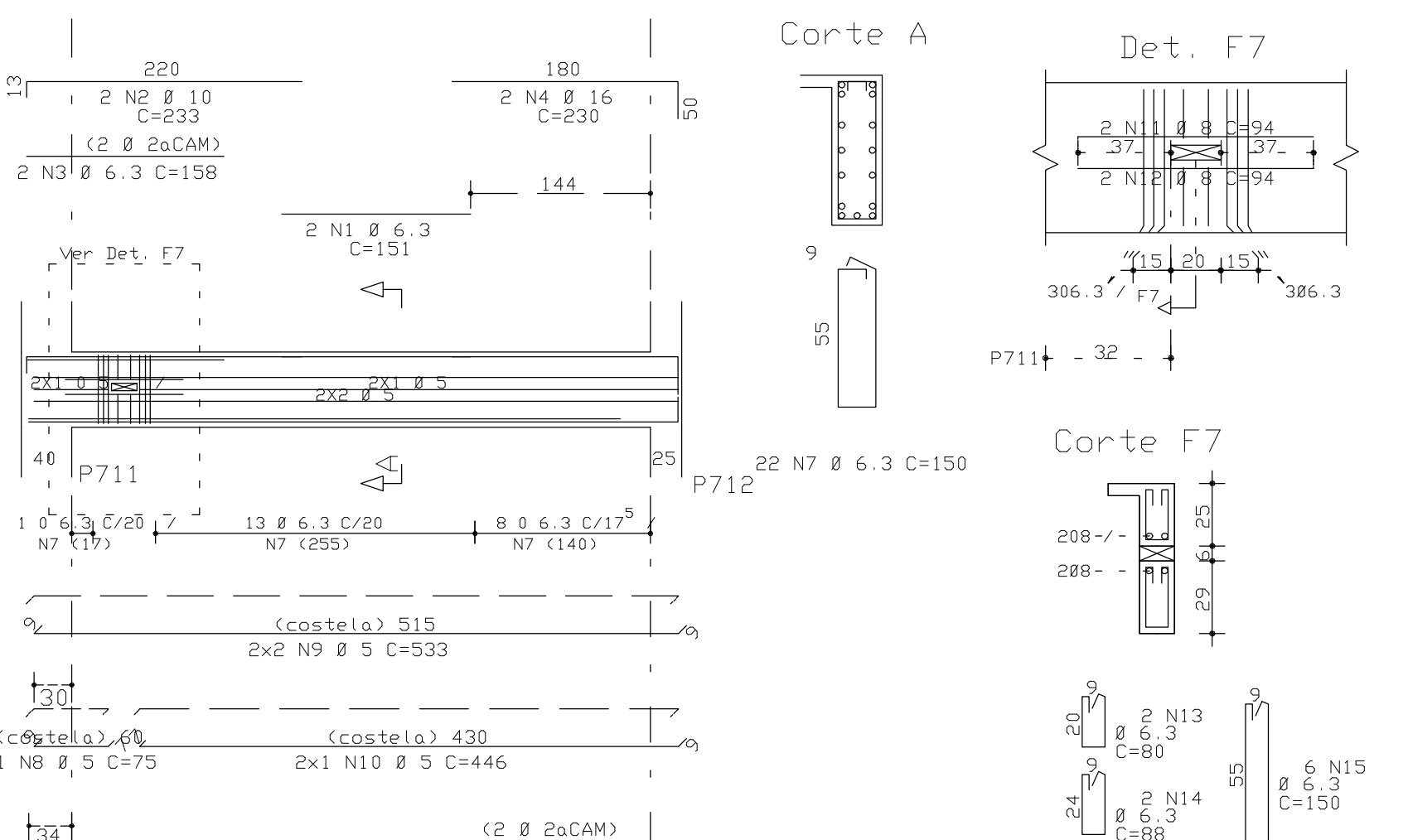
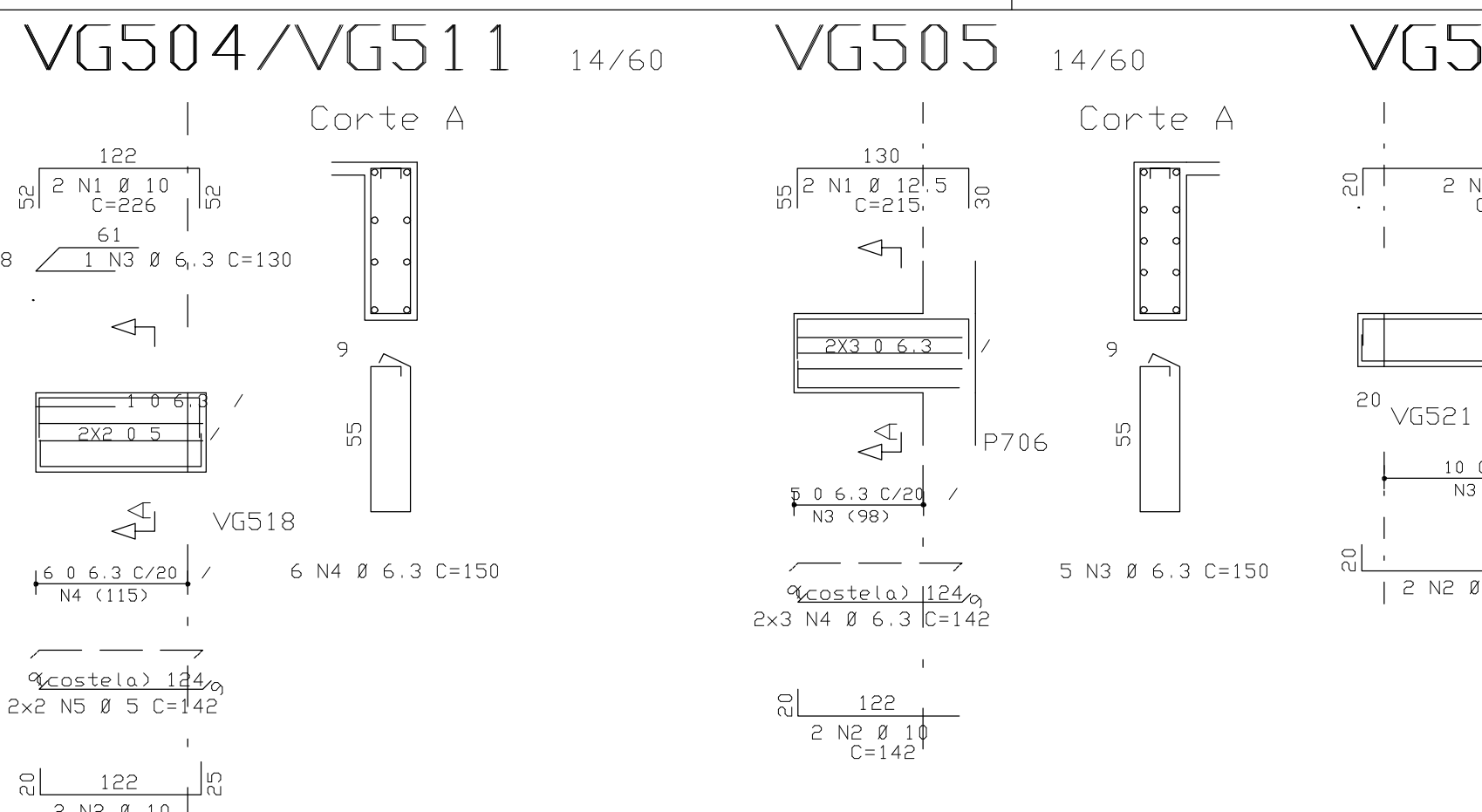
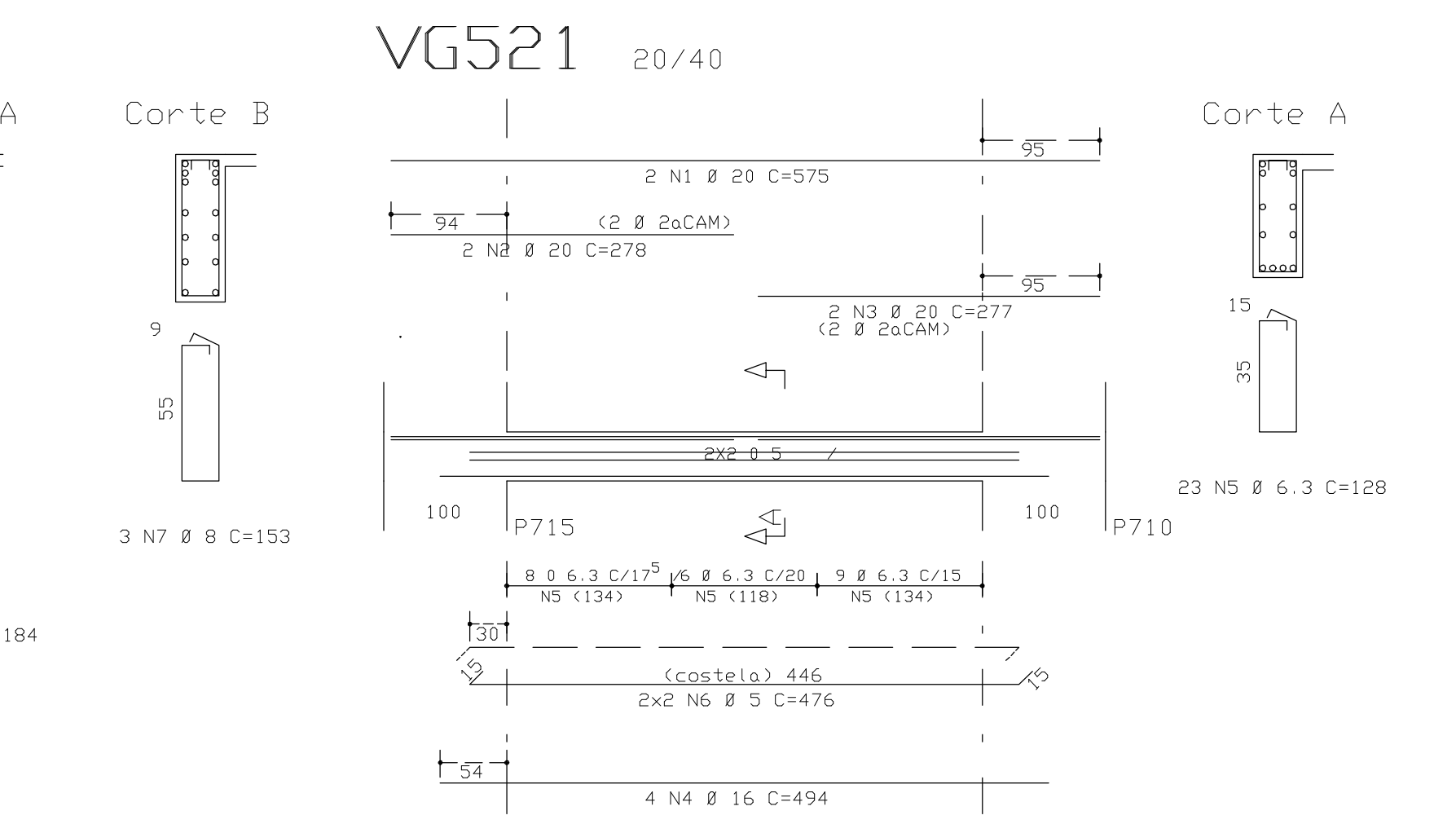
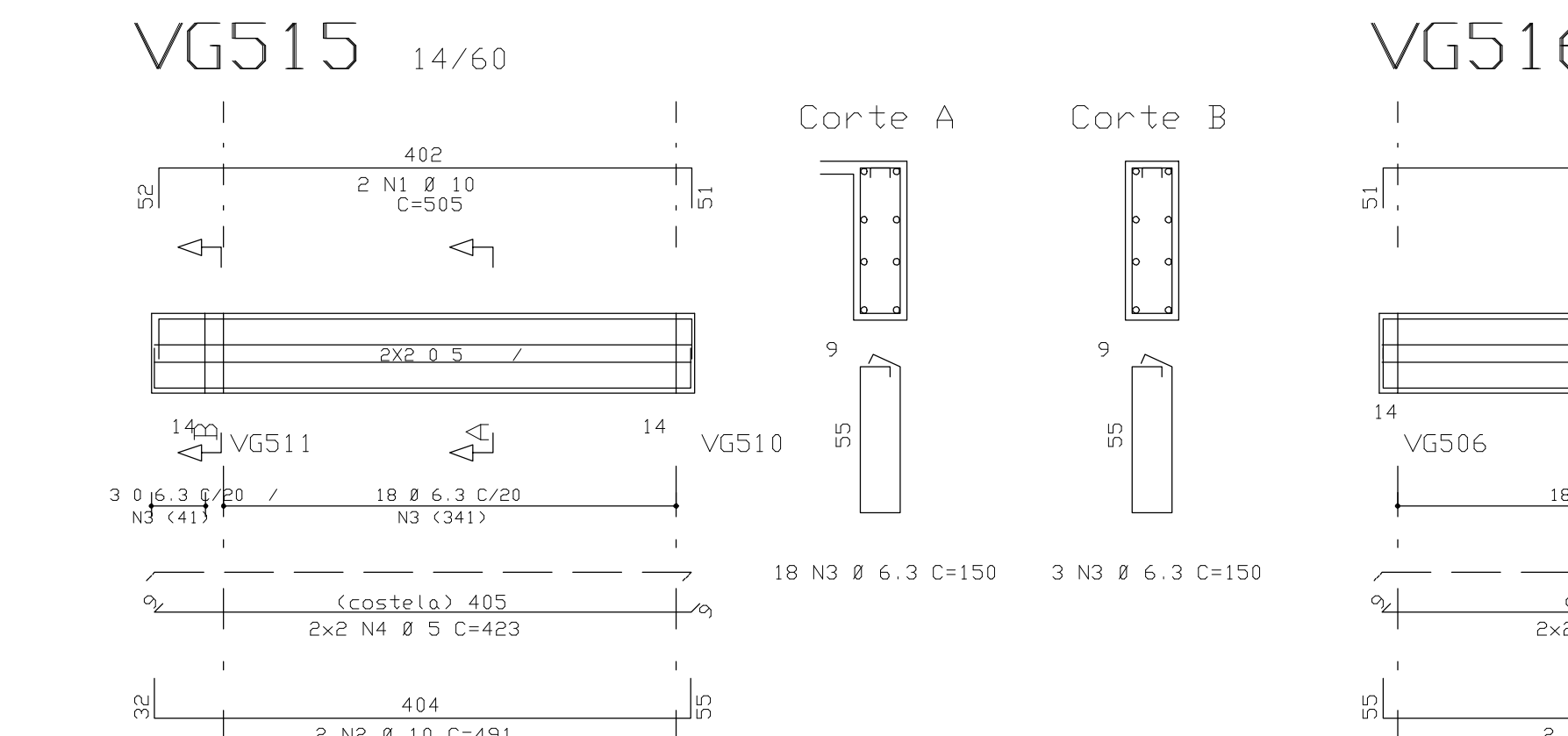
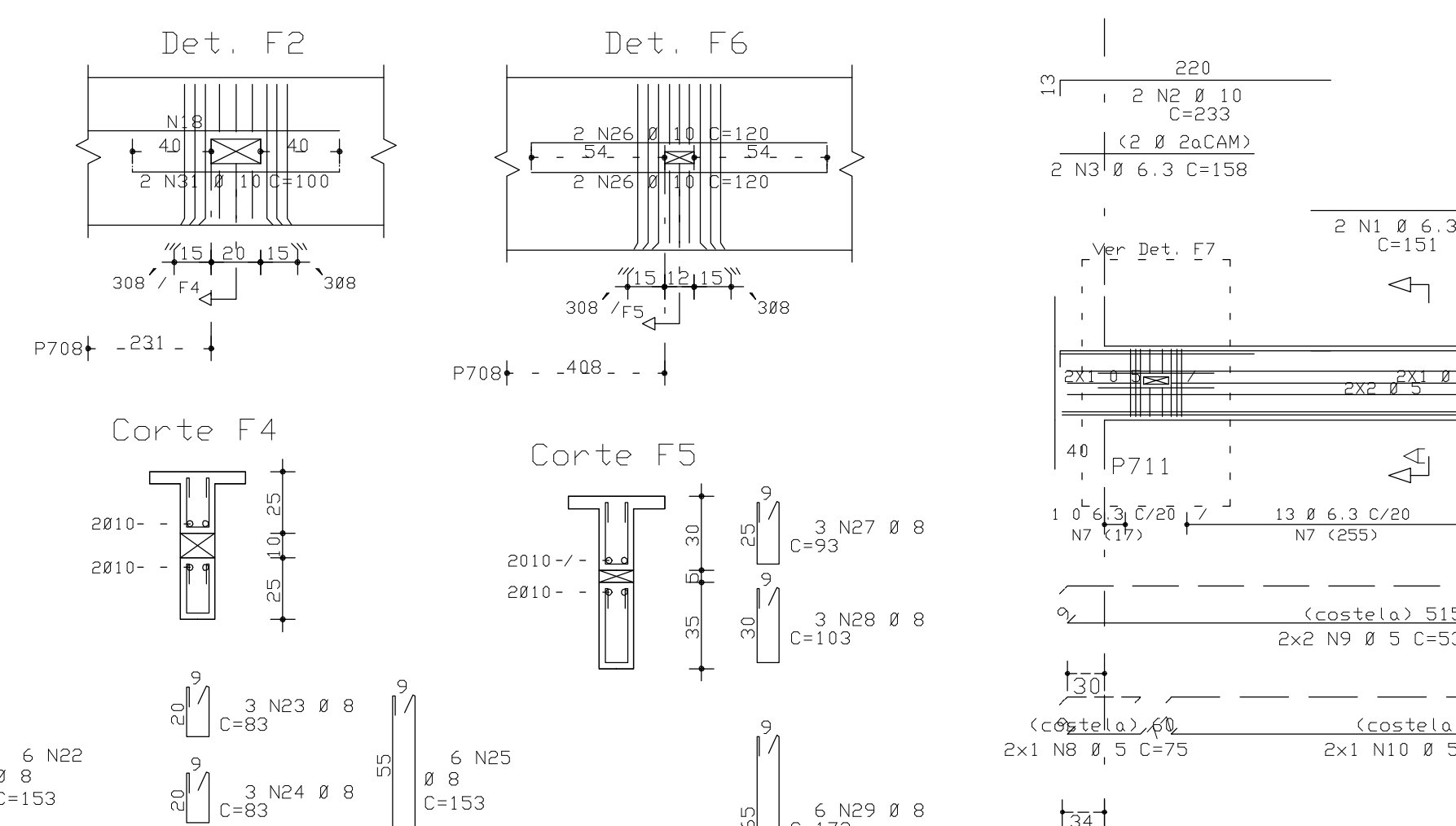
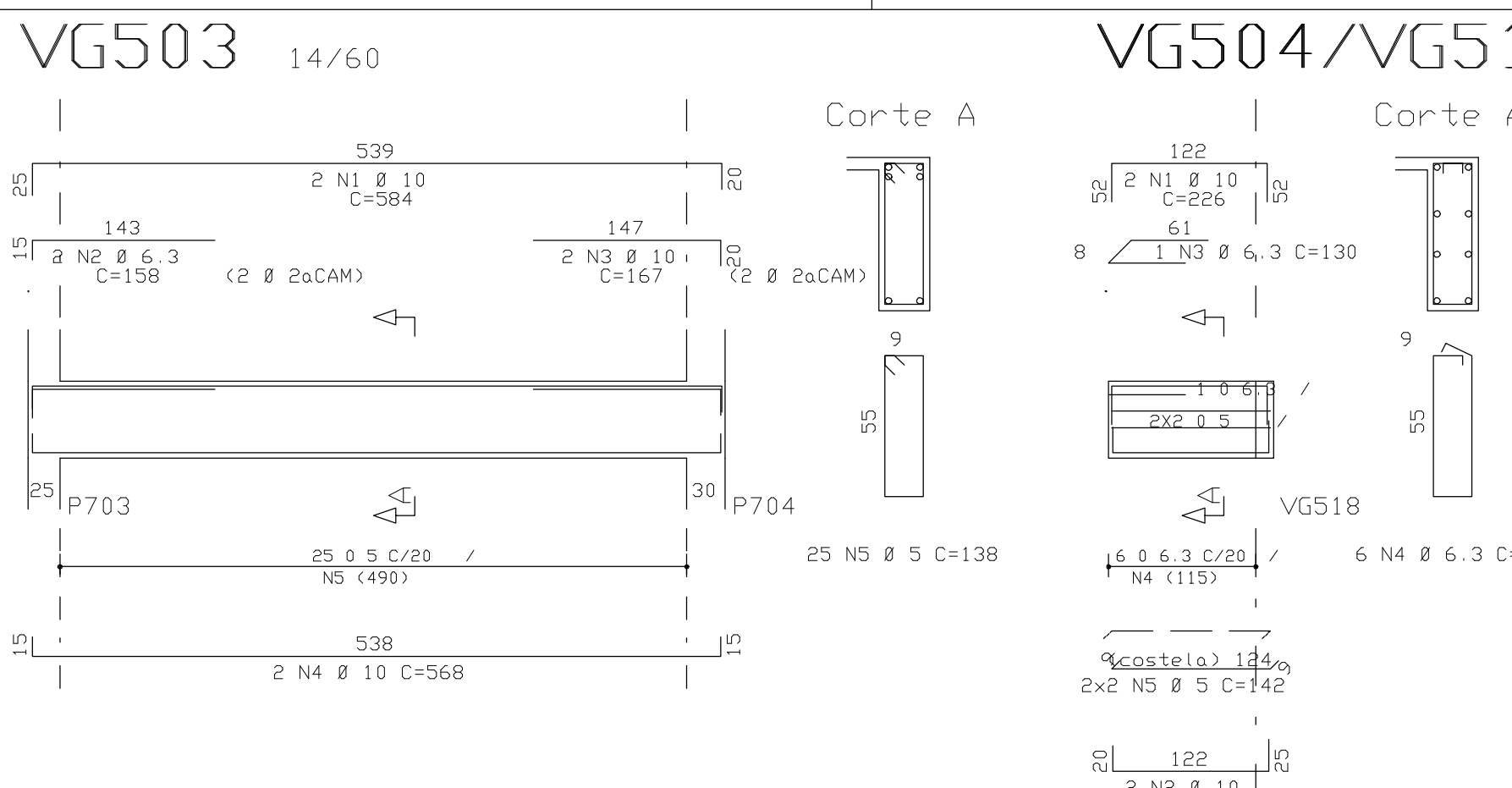
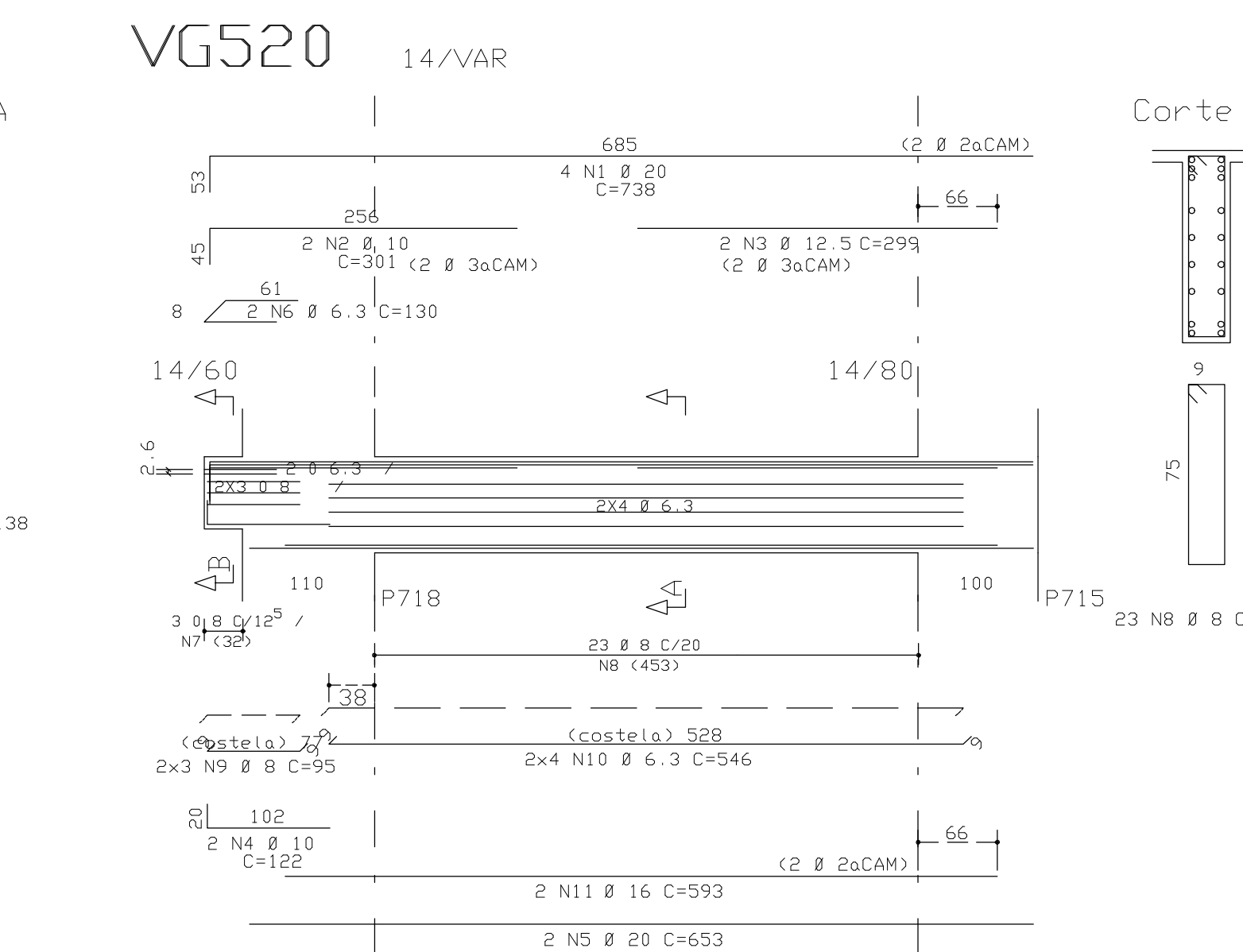
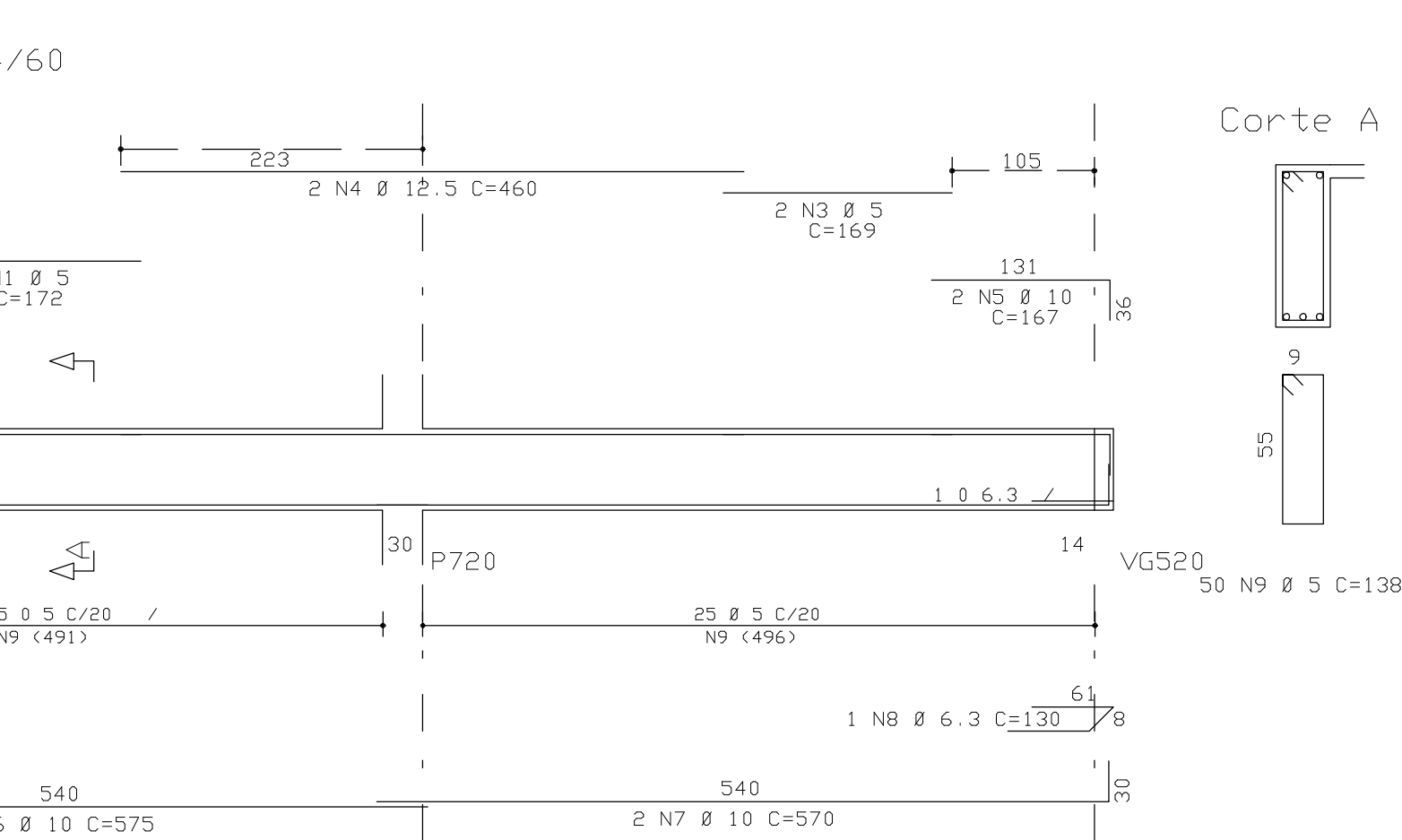
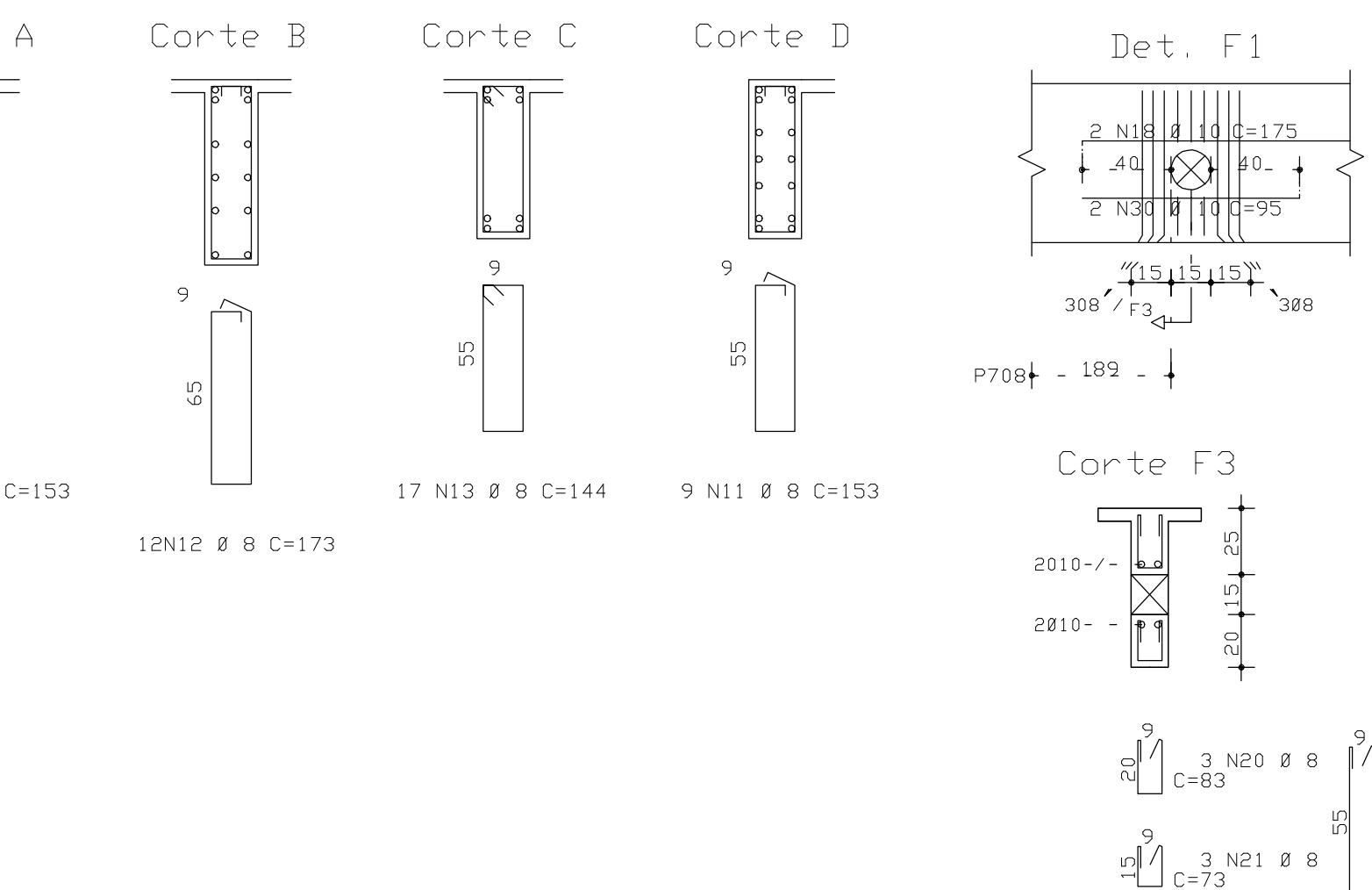
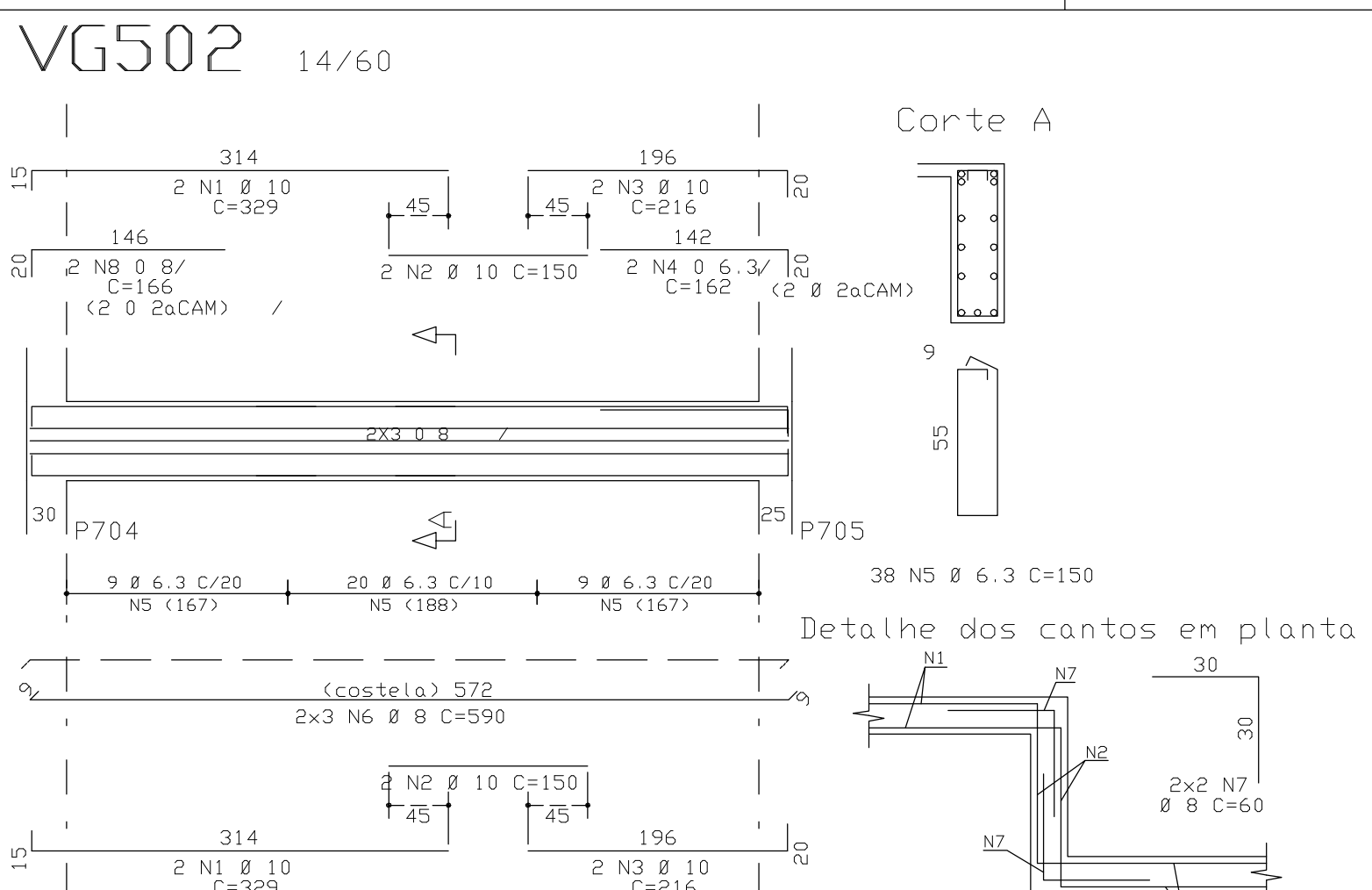
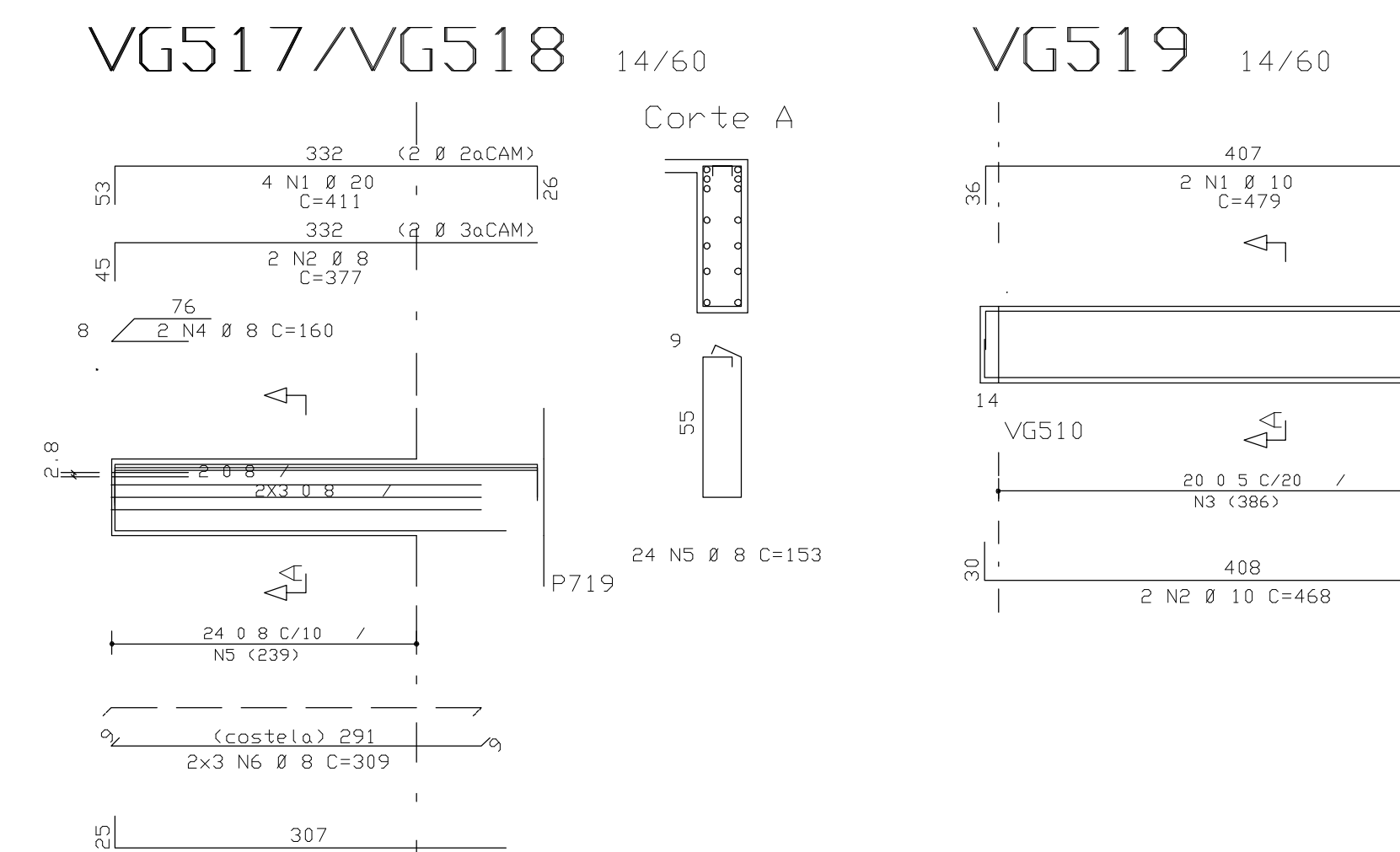
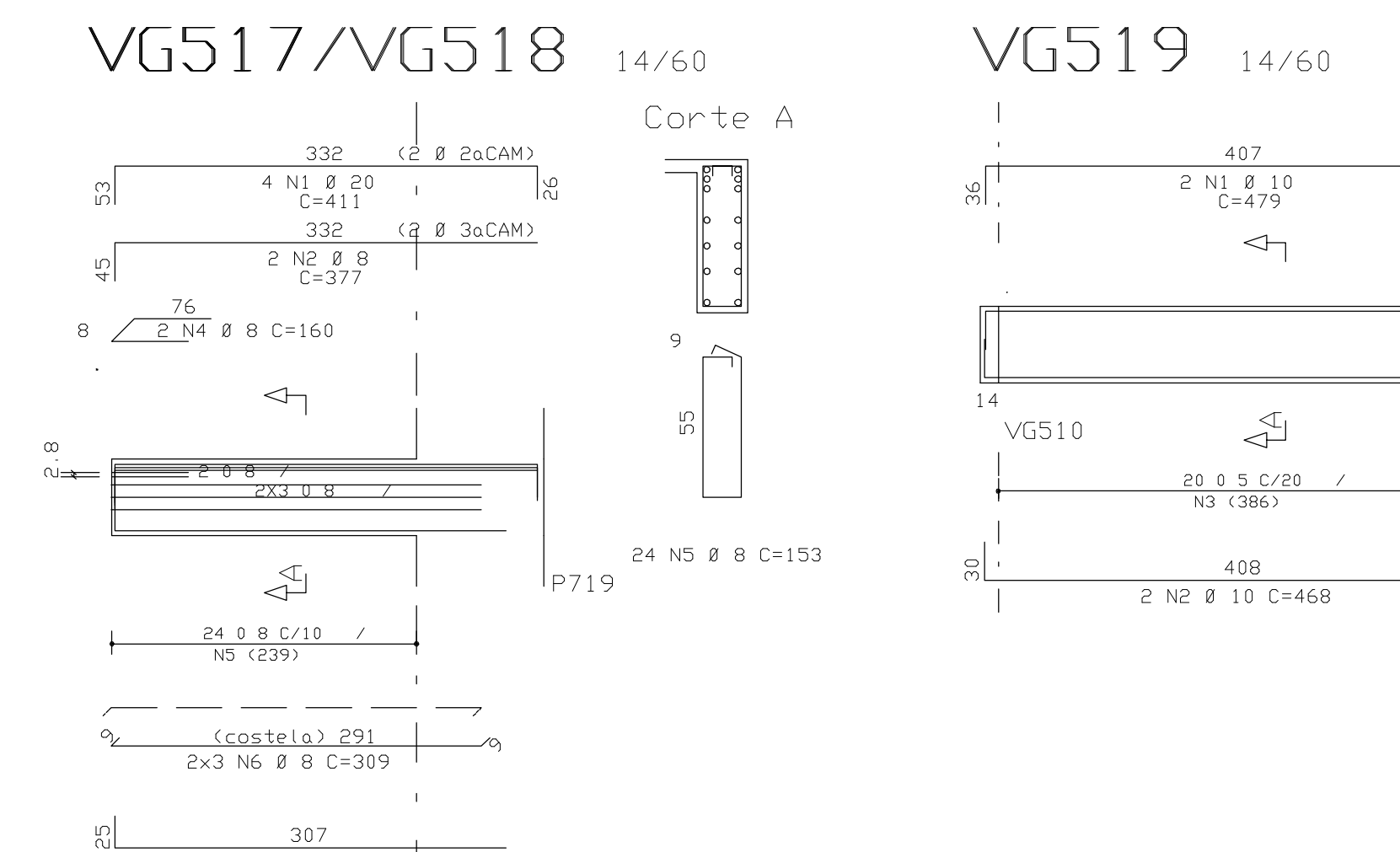
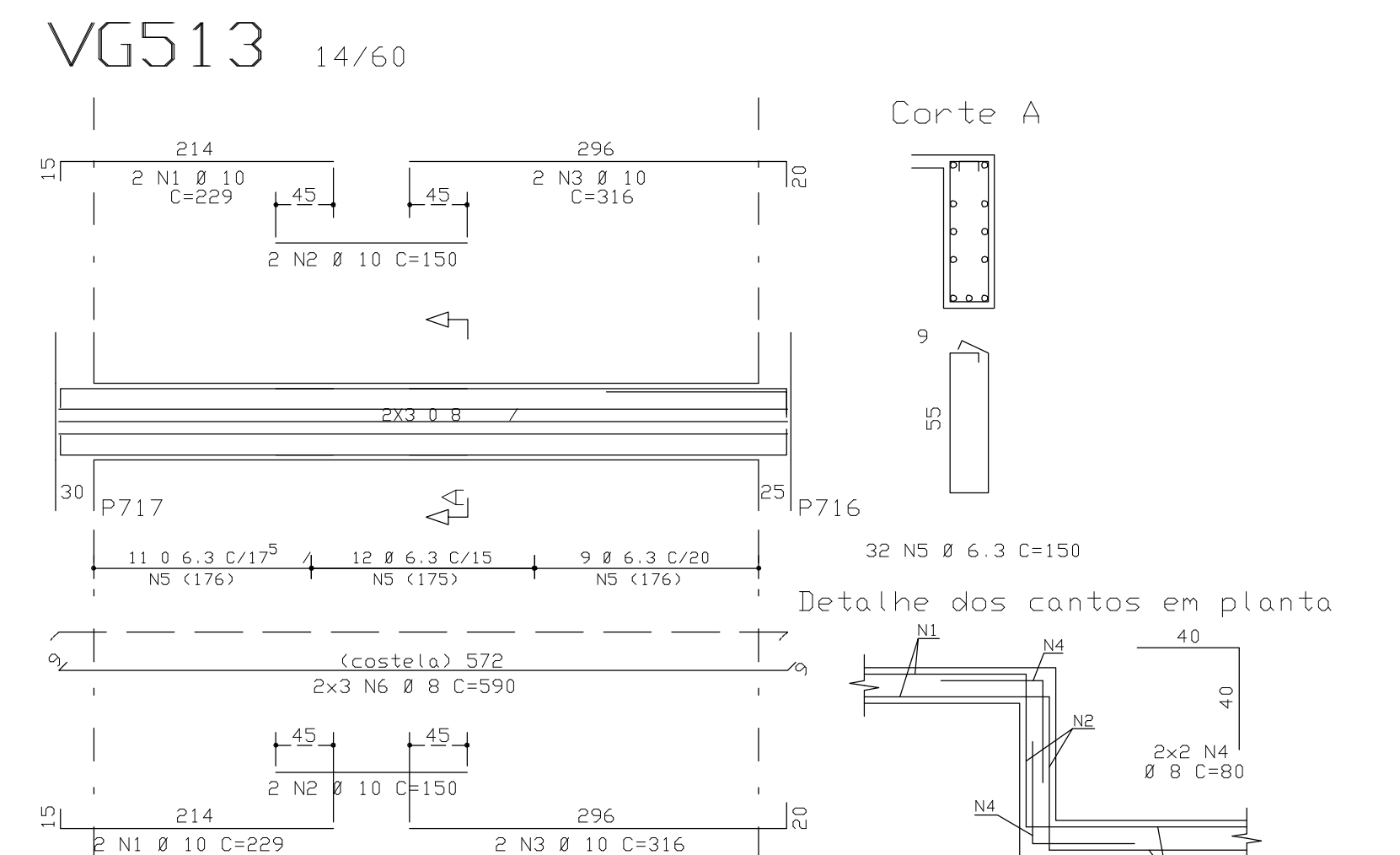
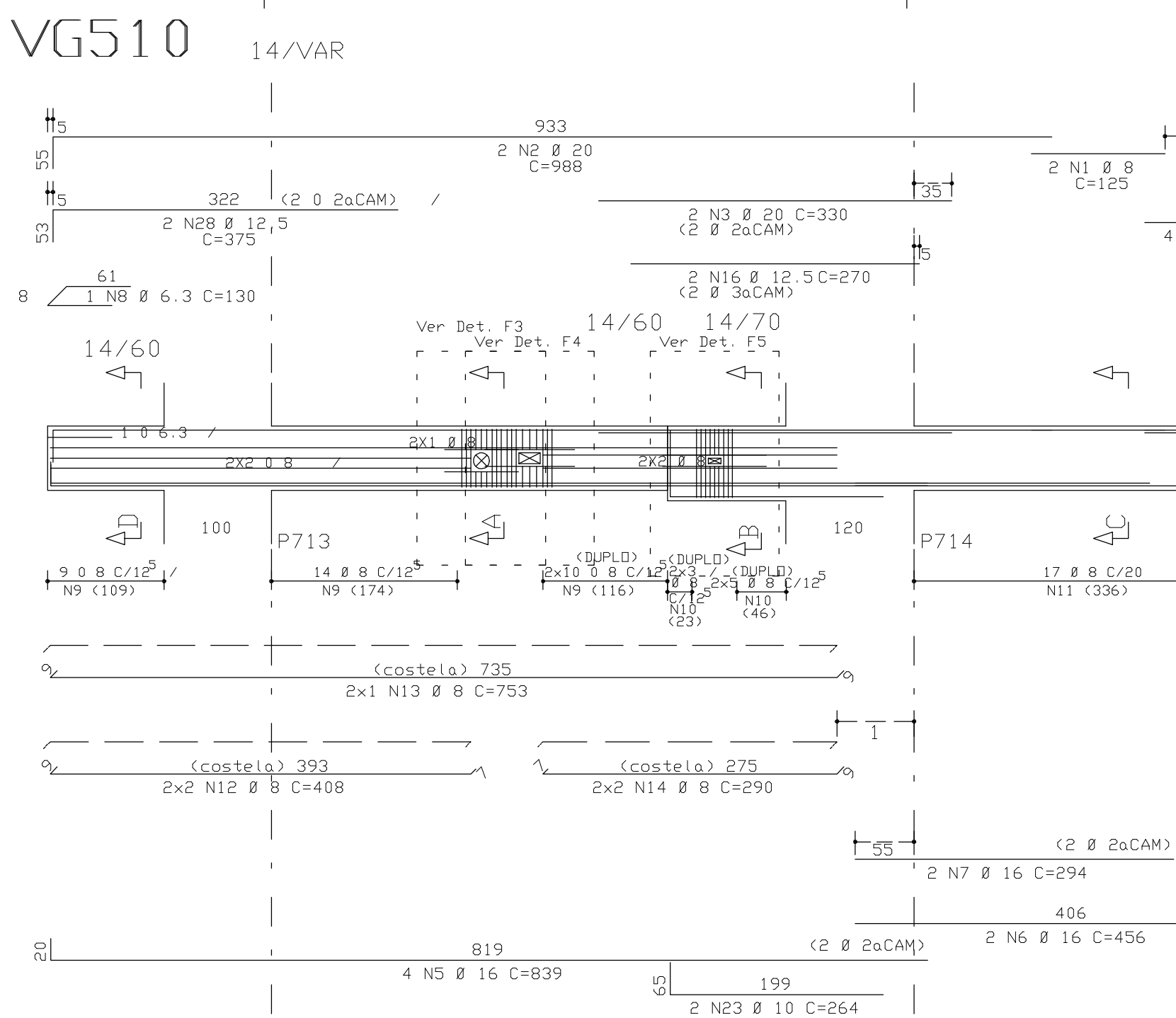
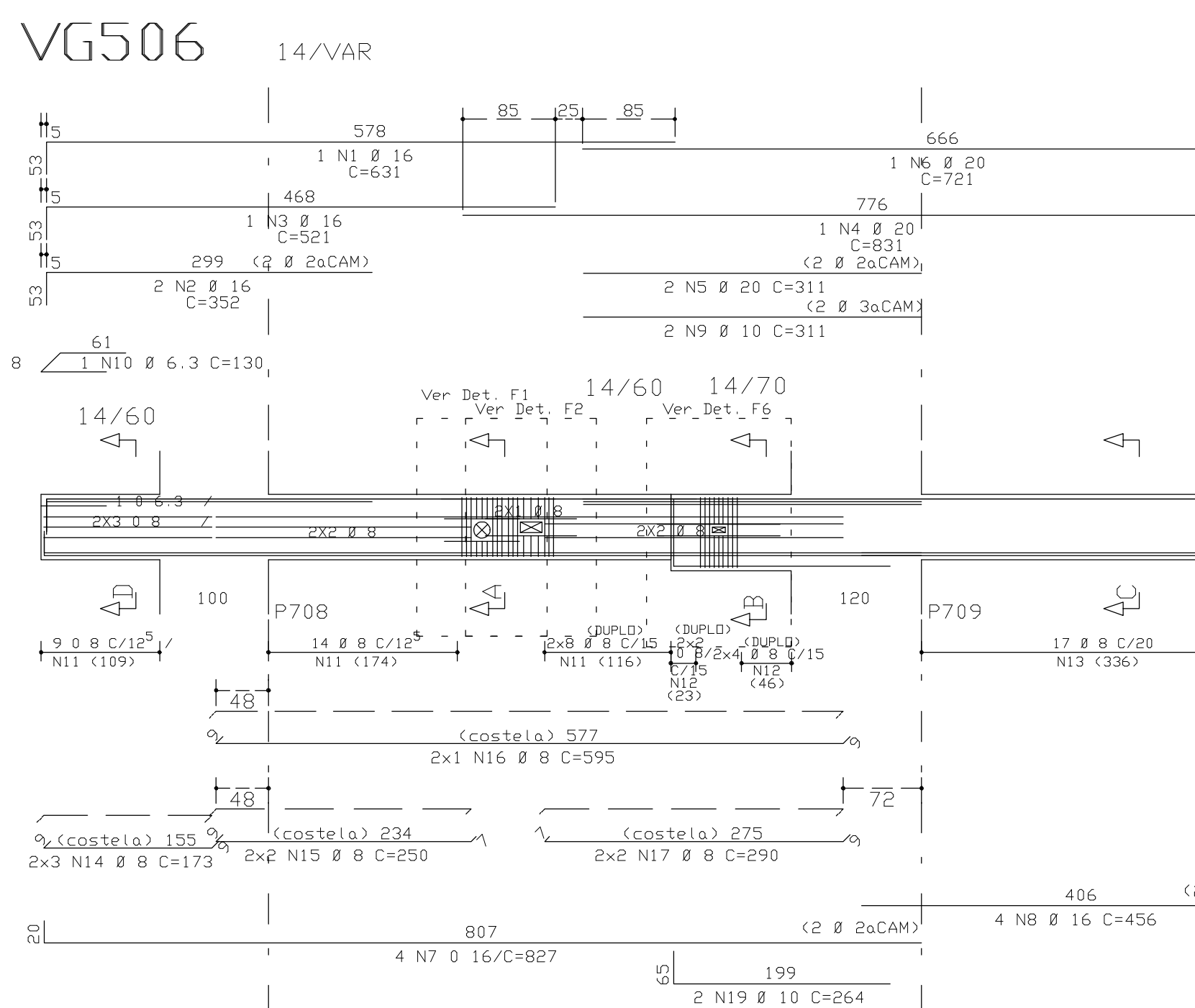
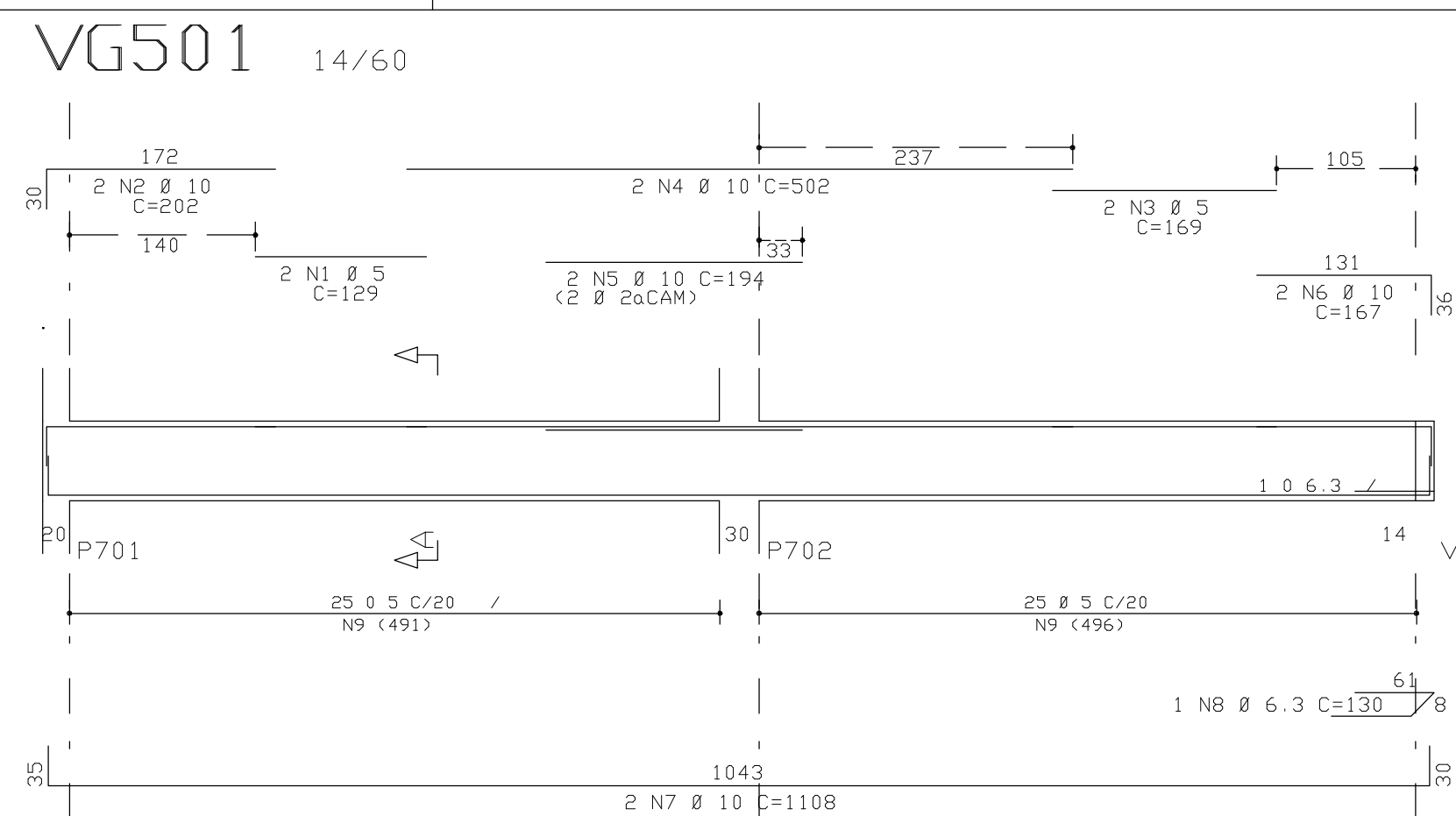


[illegible]

COBRIMENTO DA ARMADURA:

- LAJES = 2,0 cm
- VIGAS E PILARES = 2,5 cm
- BLOCOS, BALDRAMES E CONTENEDORES (FACE EM CONTATO COM A TERRA) = 3,0 cm

1. ESSES COBRIMENTOS DEVERÃO SER GARANTIDOS COM O USO DE ESPATULAS OU BASTIHAS.

NORMAS UTILIZADAS:

NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
 NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

INDICE:
VG501 a VG522

$F_{CK} = 35 \text{ MPa}$
 $E_C = 28 \text{ GPa}$ (Módulo de elasticidade secante aos 28 dias).
 $A/C = 0,65$ (Fator água-cimento).

0	03/08/2010	EMISSÃO INICIAL	
REV	DATA	DESCRIÇÃO	
 Sinetra Engenharia RUA DAS FLORES, 3012 JARDIM BOTANICAL - SÃO PAULO - SP		VIA SAGUARA, 42 NO 31, JARDIM NO 3, 233 BOMFIM, 11.010 - JARDIM - SÃO PAULO - SP FONE: (0XX11) 3156-3033 E-MAIL: sinetra.engenh@sinetra.eng.br	
PROJETO ESTRUTURAL			
CLIENTE:	DISCO INCORPORADORA E IMOBILIÁRIA LTDA		NO DIBRA: 001
DIBRA:	EDIFÍCIO RESIDENCIAL CLYMPUS		
ONDERO DIBRA: 31A ÁREA ESPECIAL	84 LOTES G G H - GUARAPUÁ		
DESCRIÇÃO:		SENSENO NO	
ARMADA DAS VIGAS DO 7o ao 14o PAVIMENTOS		321-XXX	
TORRE D - JUNTADA C (01/02)			
RESENHISTA:	DATA:	ESCALA:	UNIDADE:
TOS/DE LINA	03/08/2010	1:50	CM
PROJETO DE PROJETO: 401-EST-321-XXX-800-PLT		NO PROJ: SINETRA 421	
PROPRIETÁRIO:		RESPONSÁVEL TÉCNICO:	
RESPONSÁVEL TÉCNICO: PROJETO ESTRUTURAL			
SINETRA ENGENHARIA E PROJETOS S/C LTDA CREA 0752-08/			