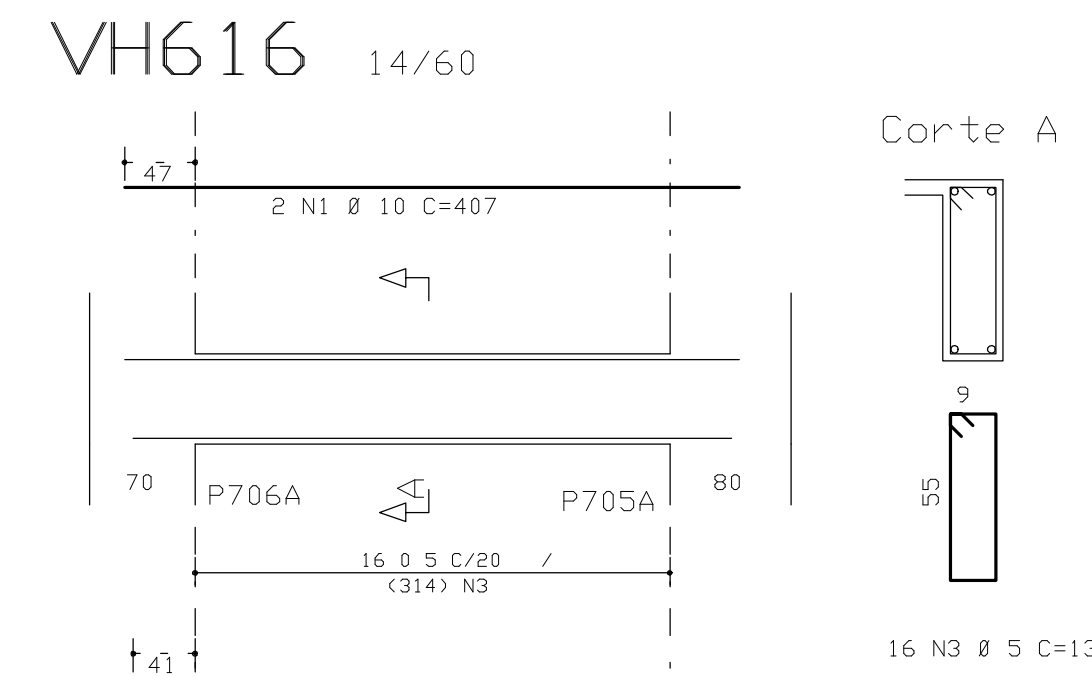
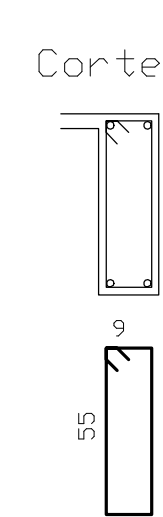
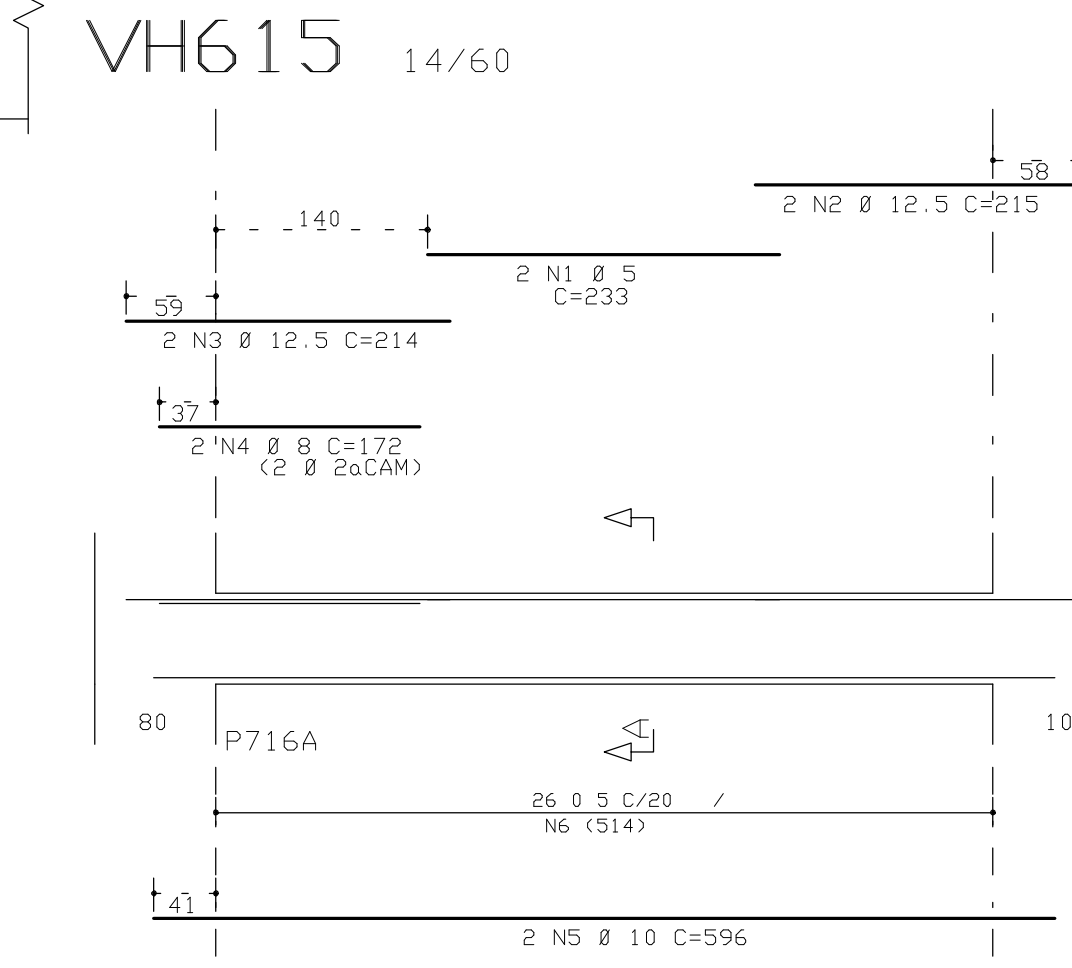
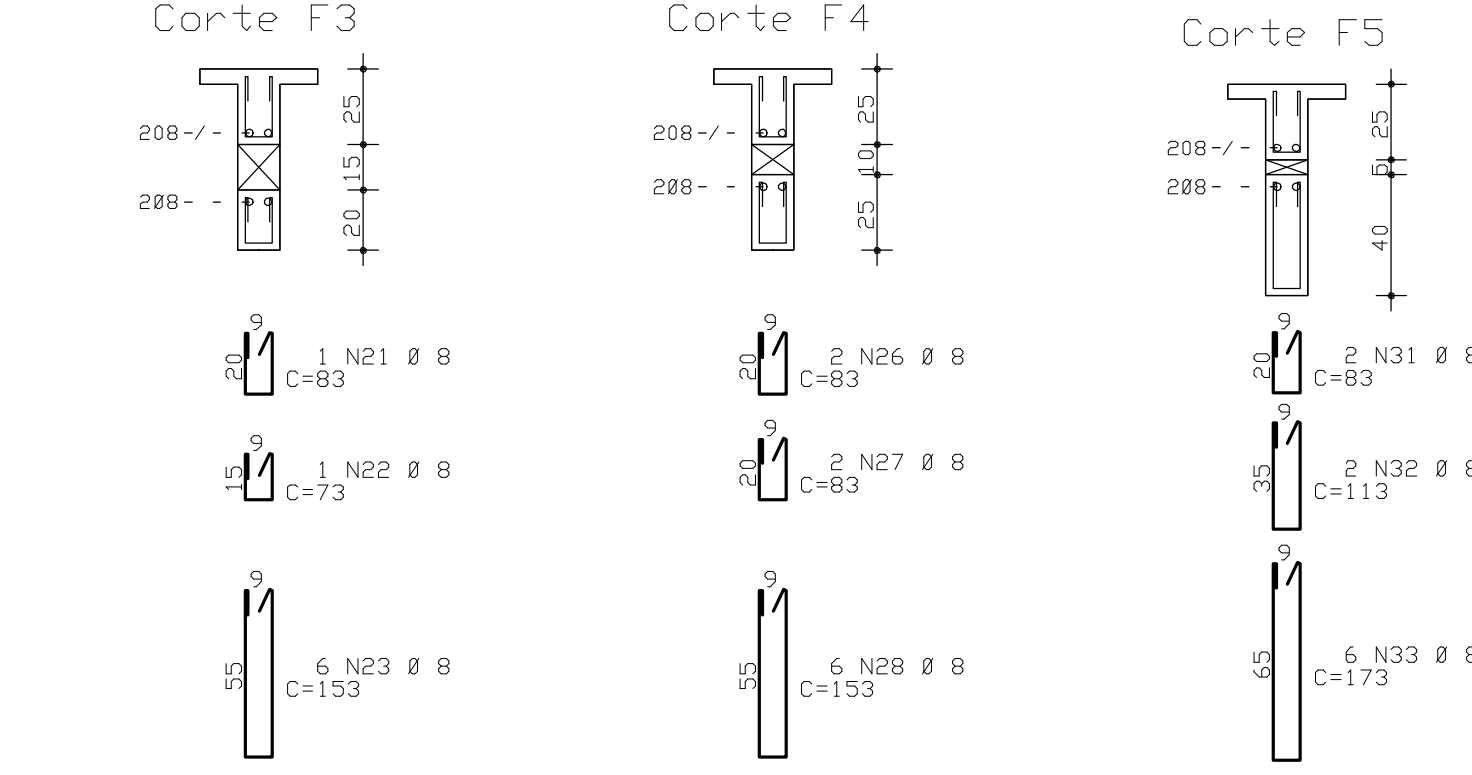
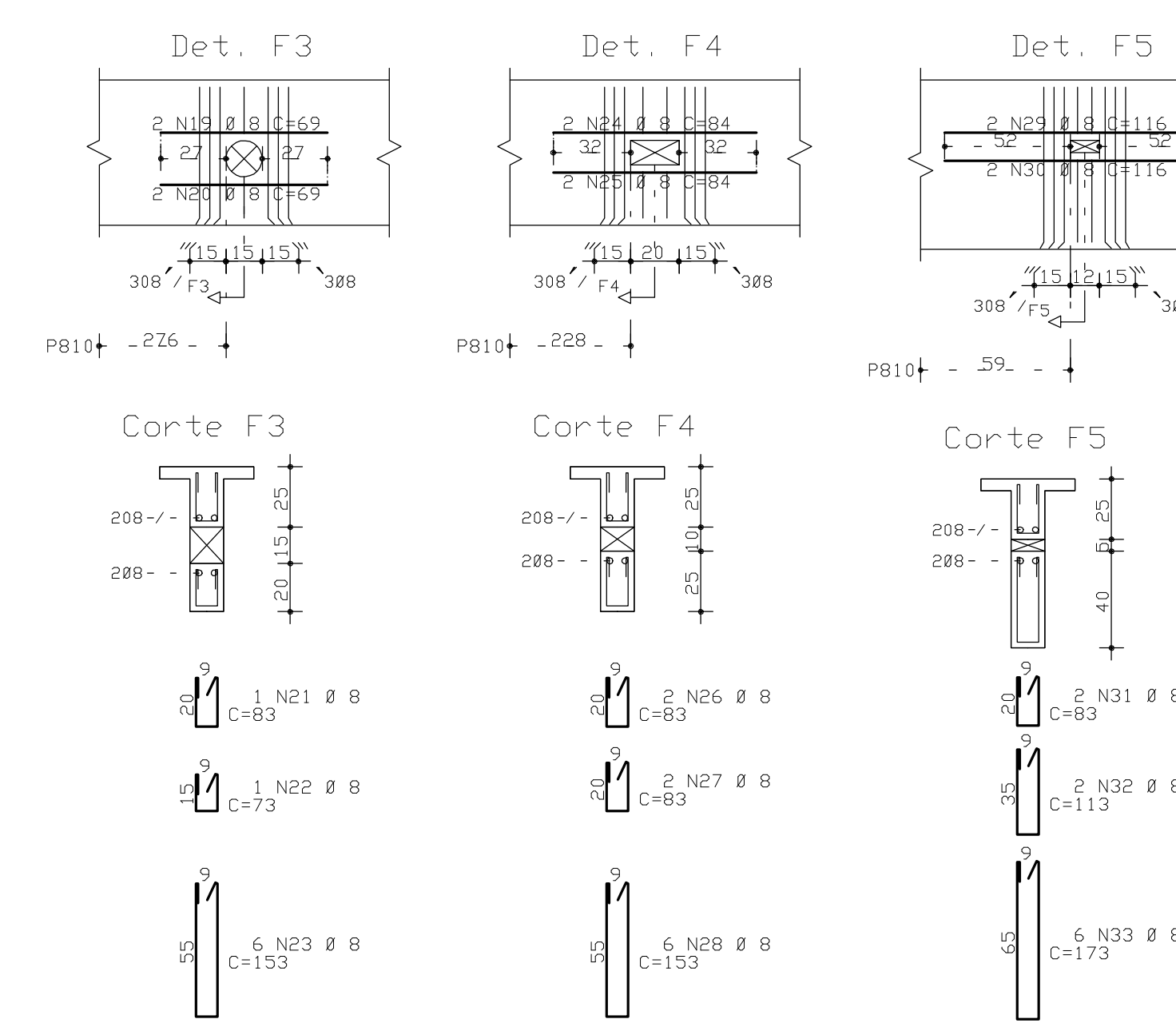
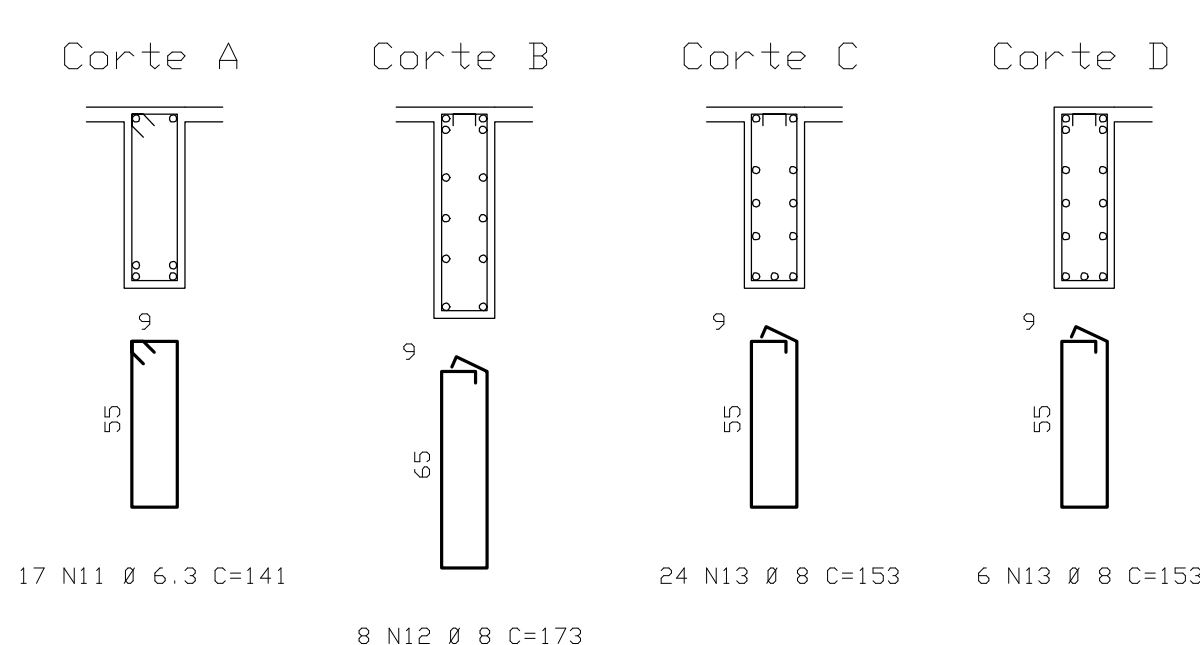
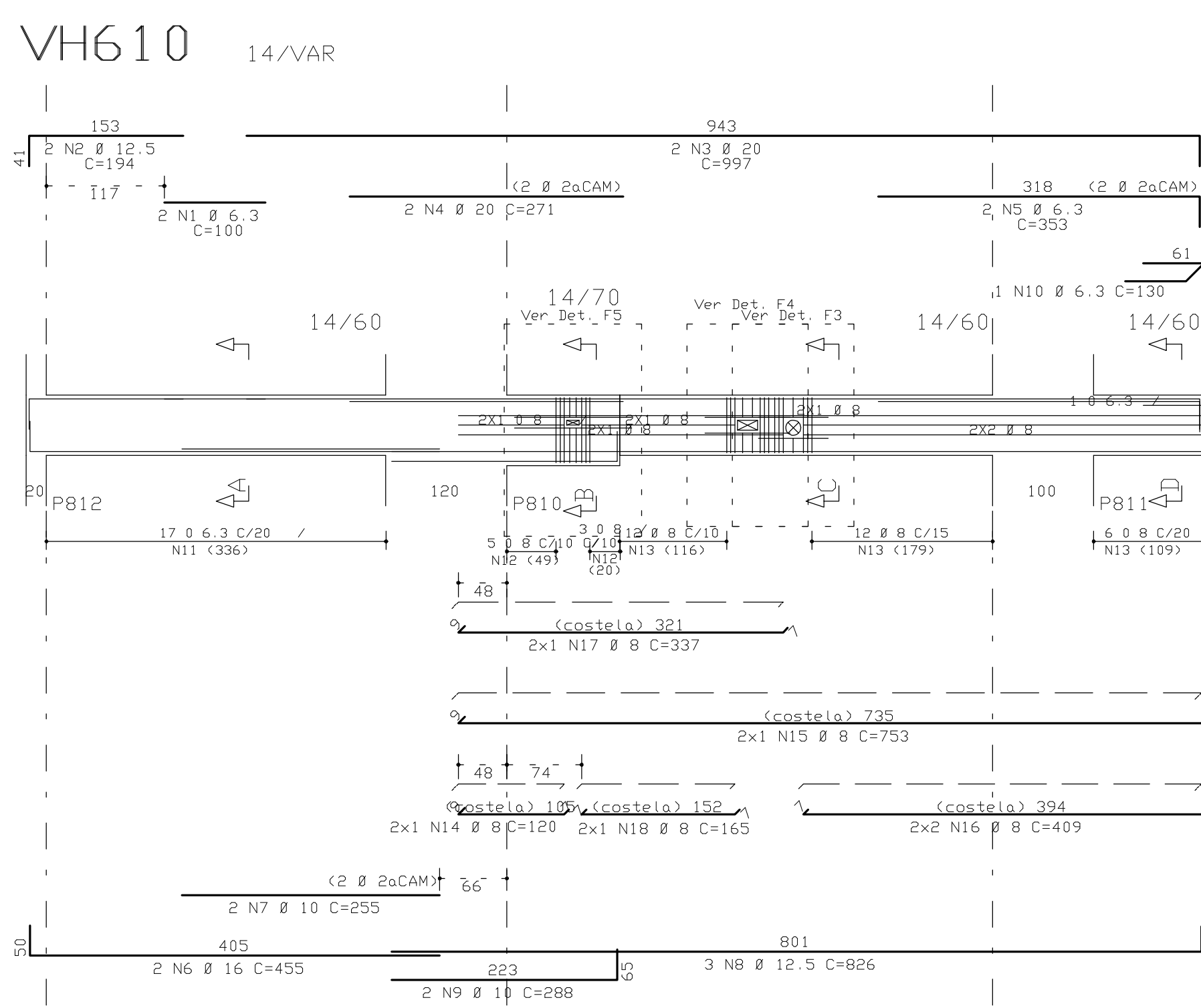
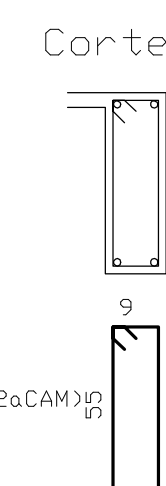
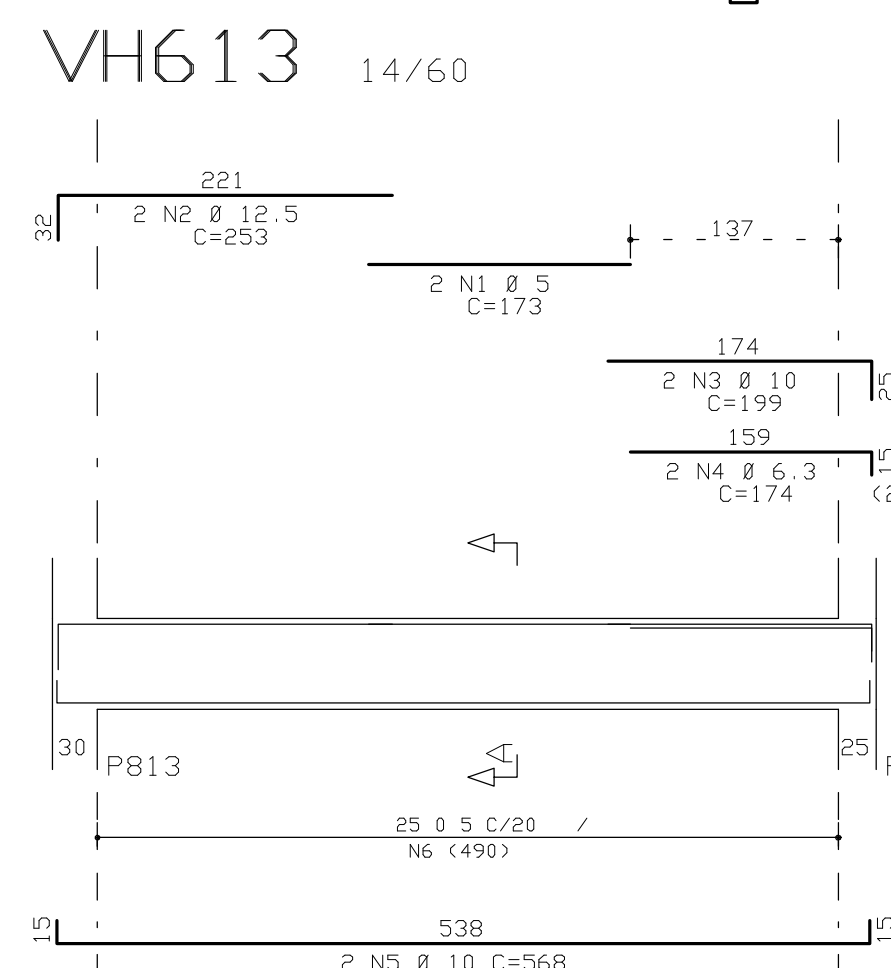
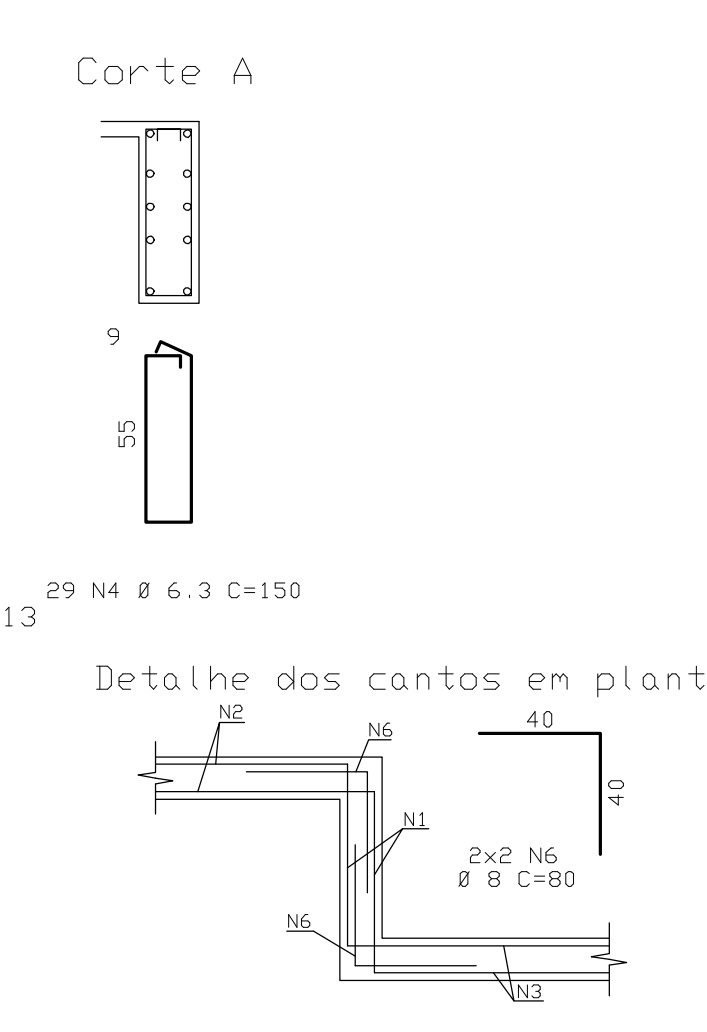
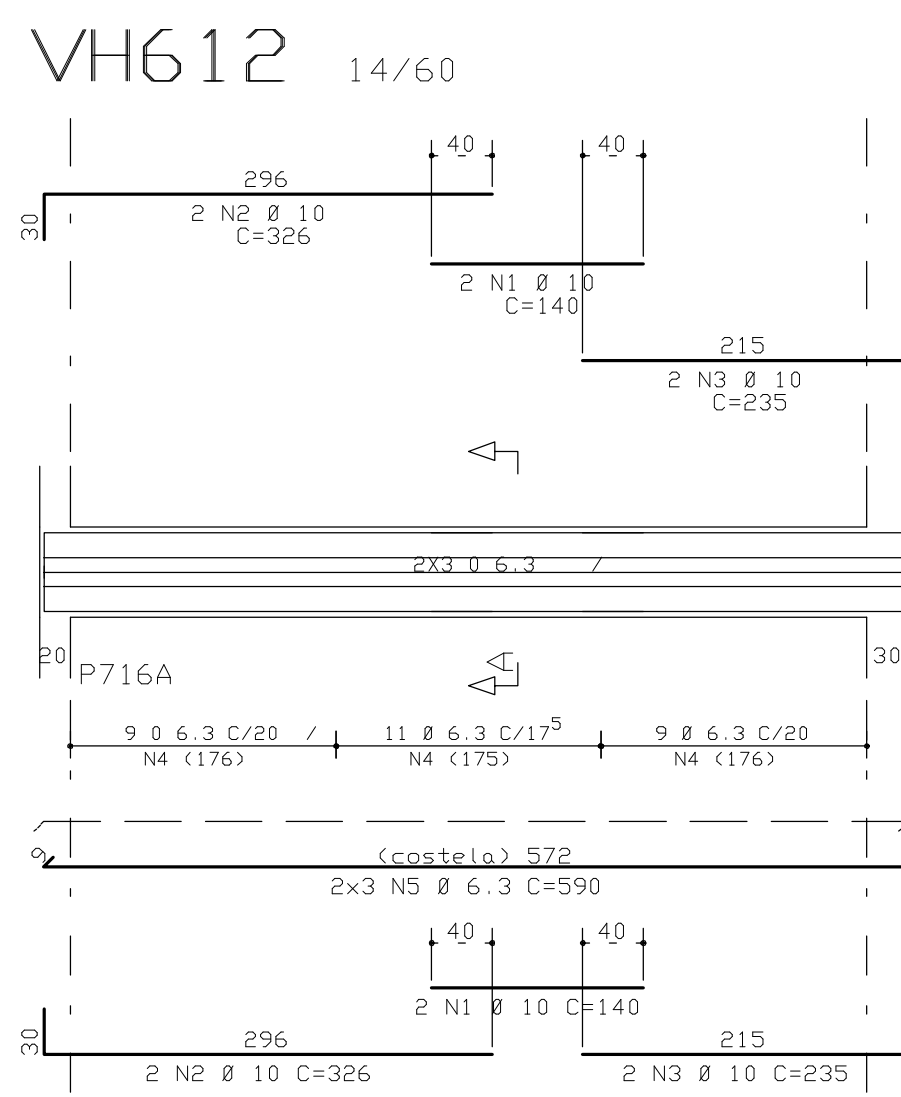
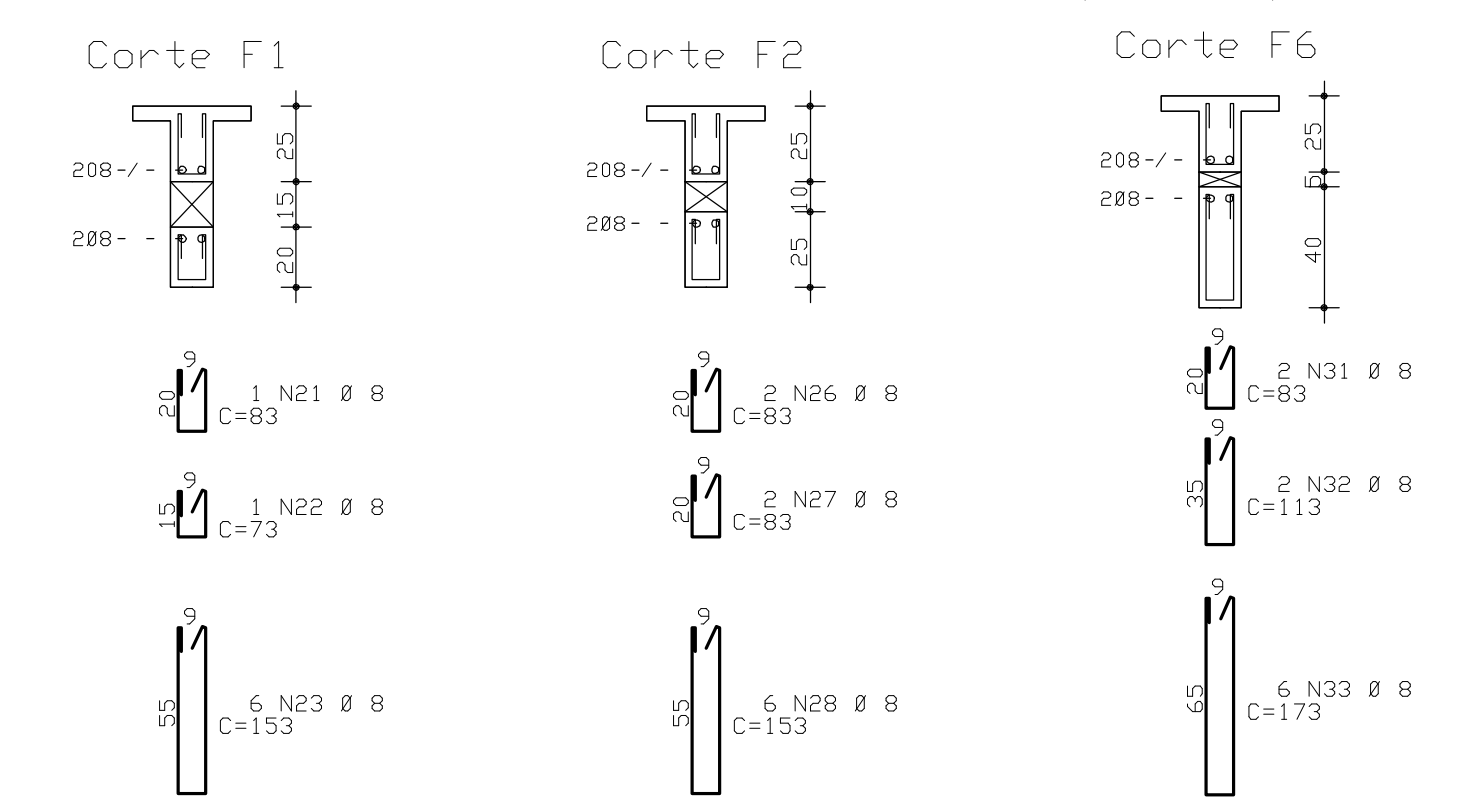
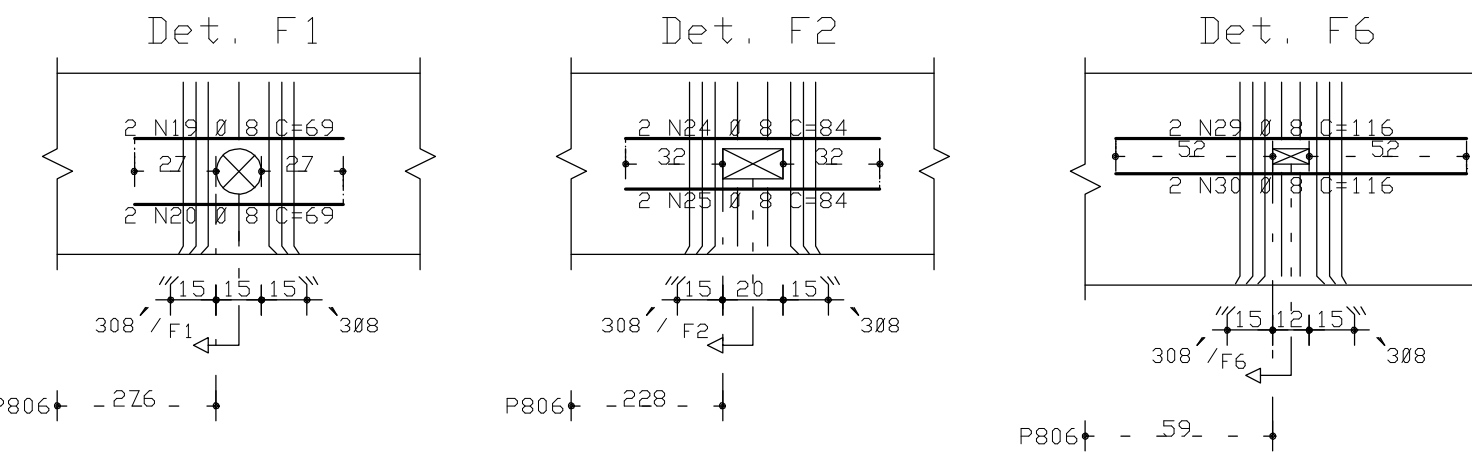
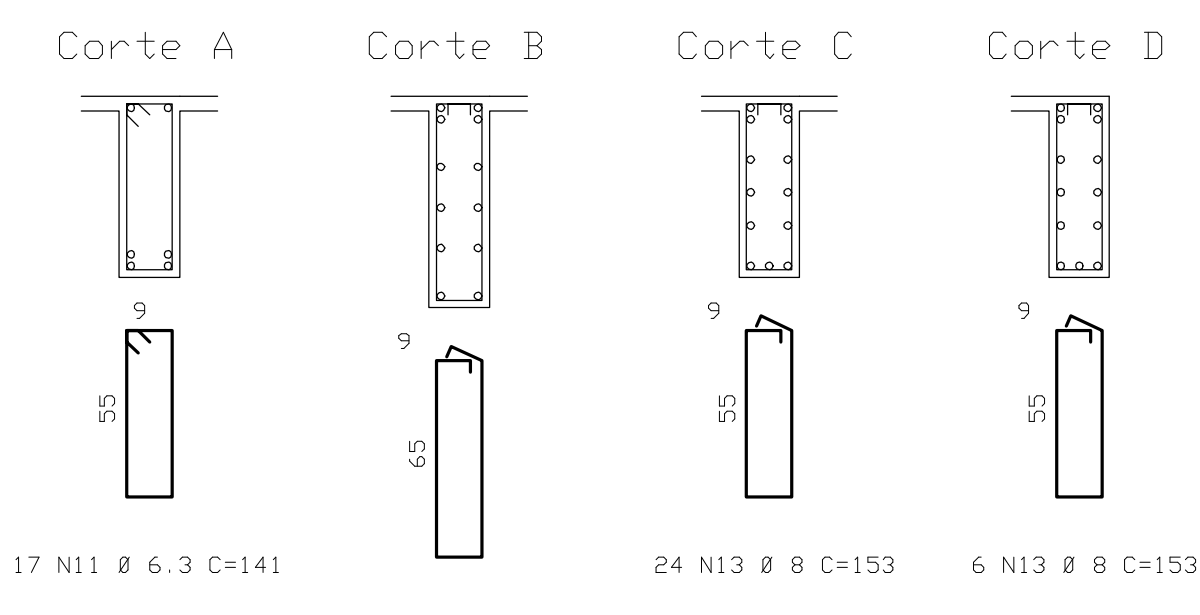
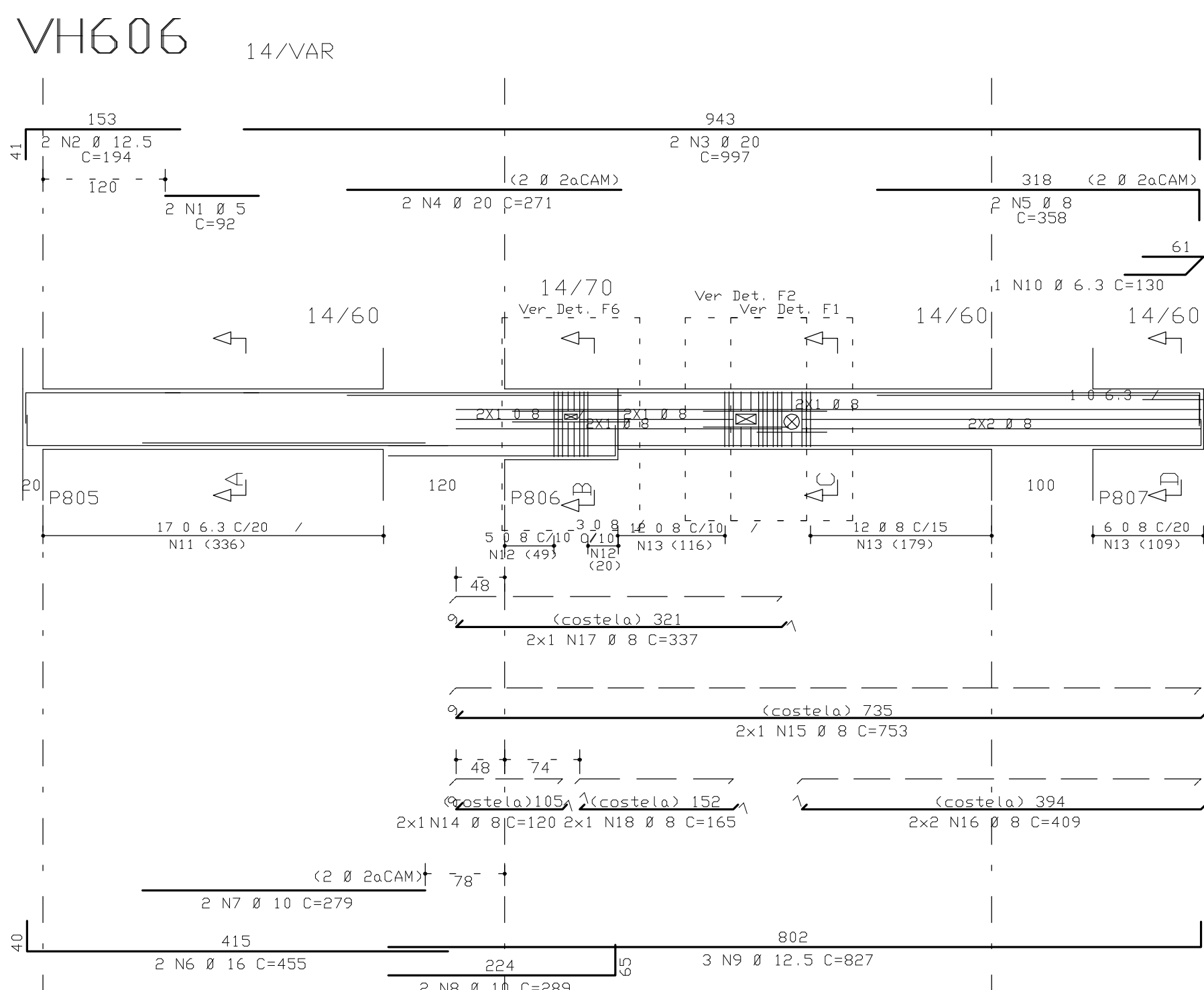
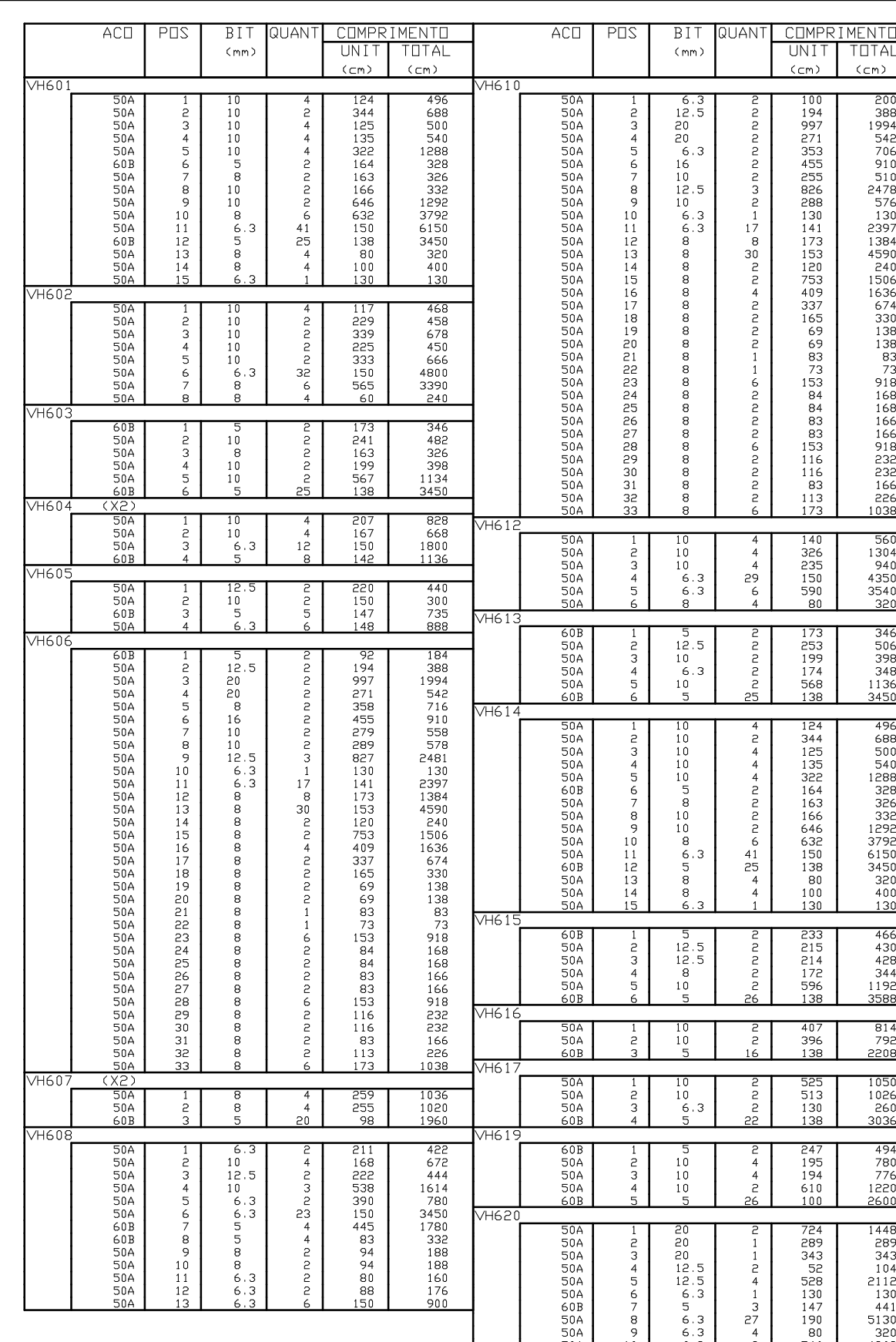
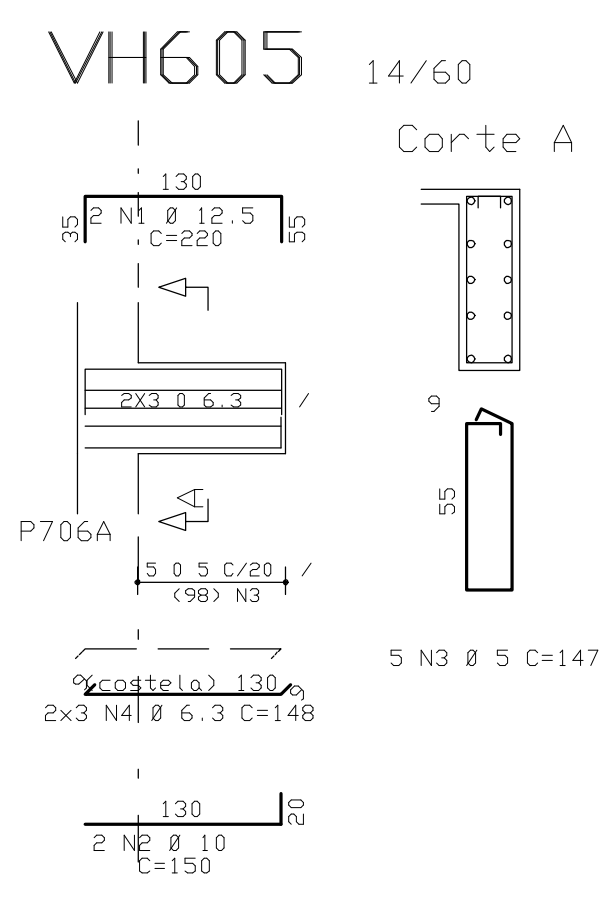
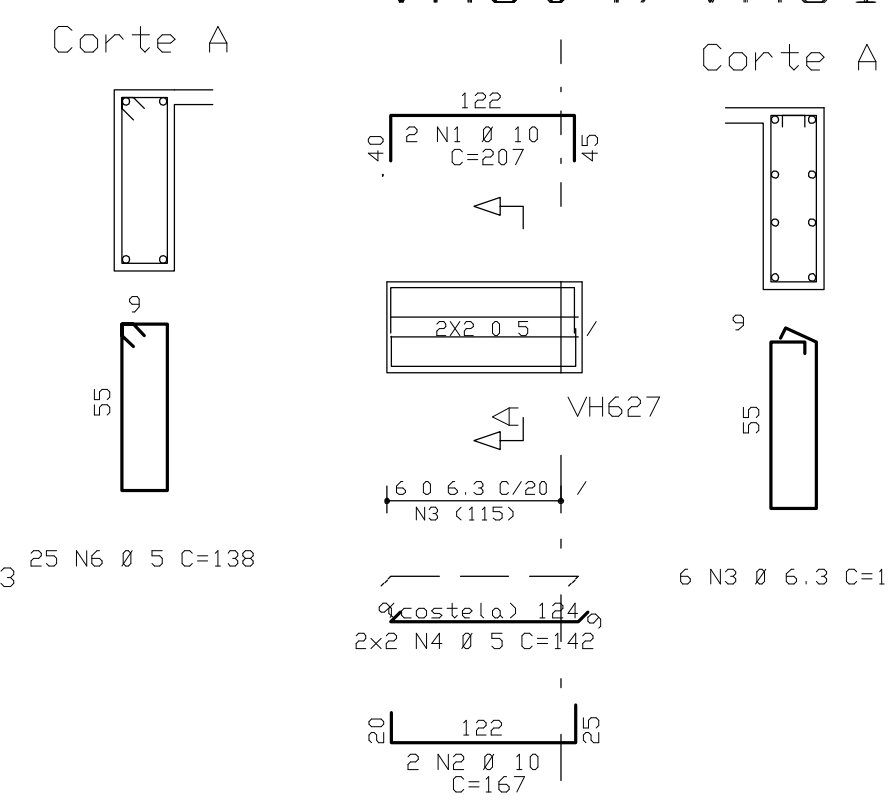
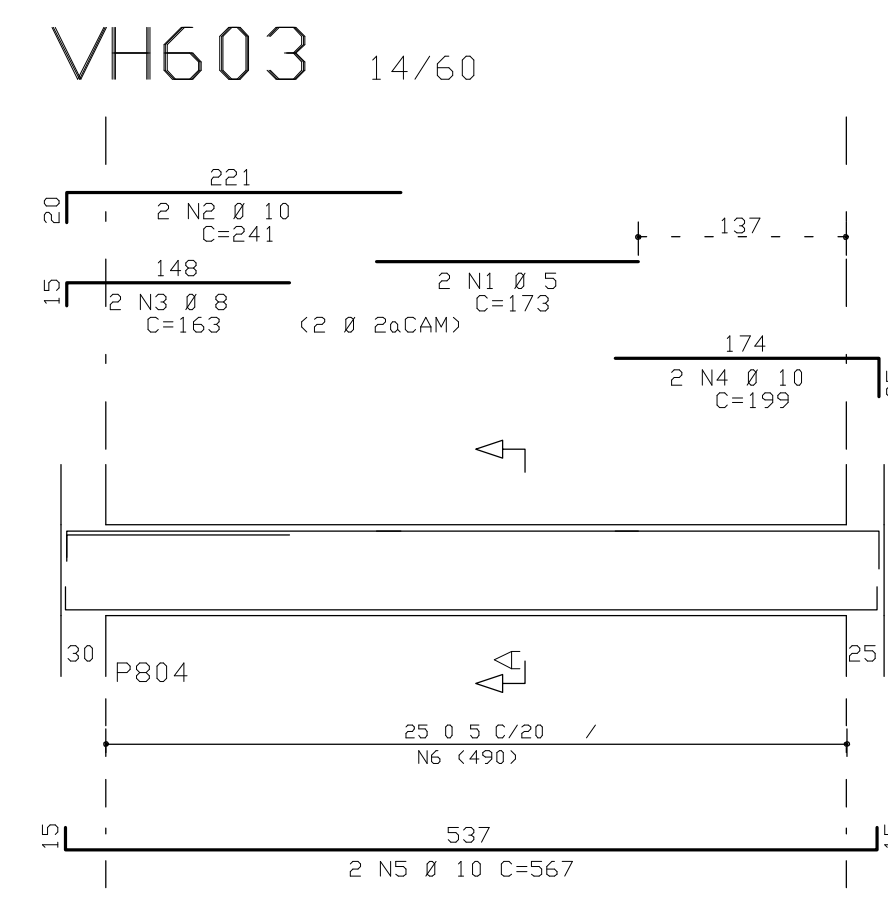
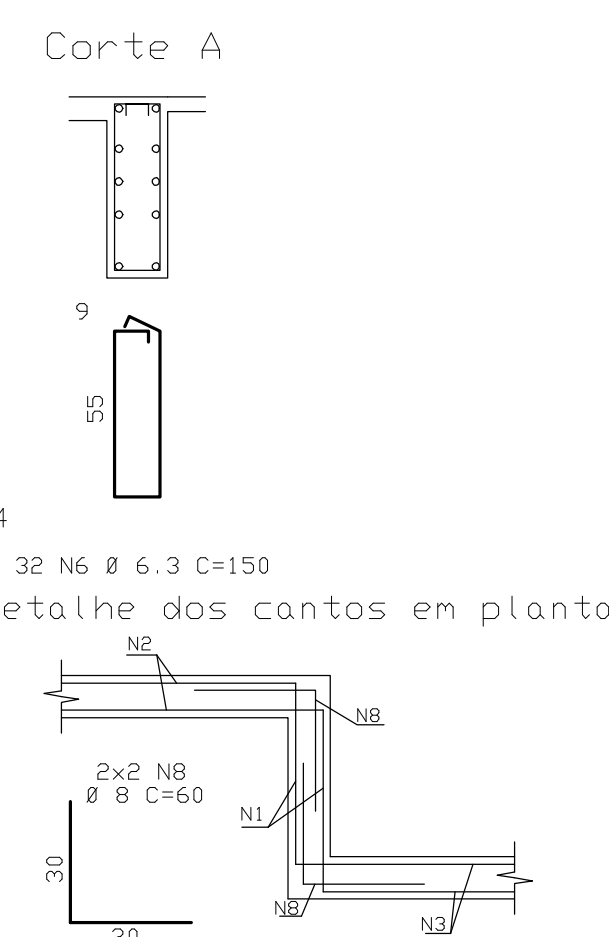
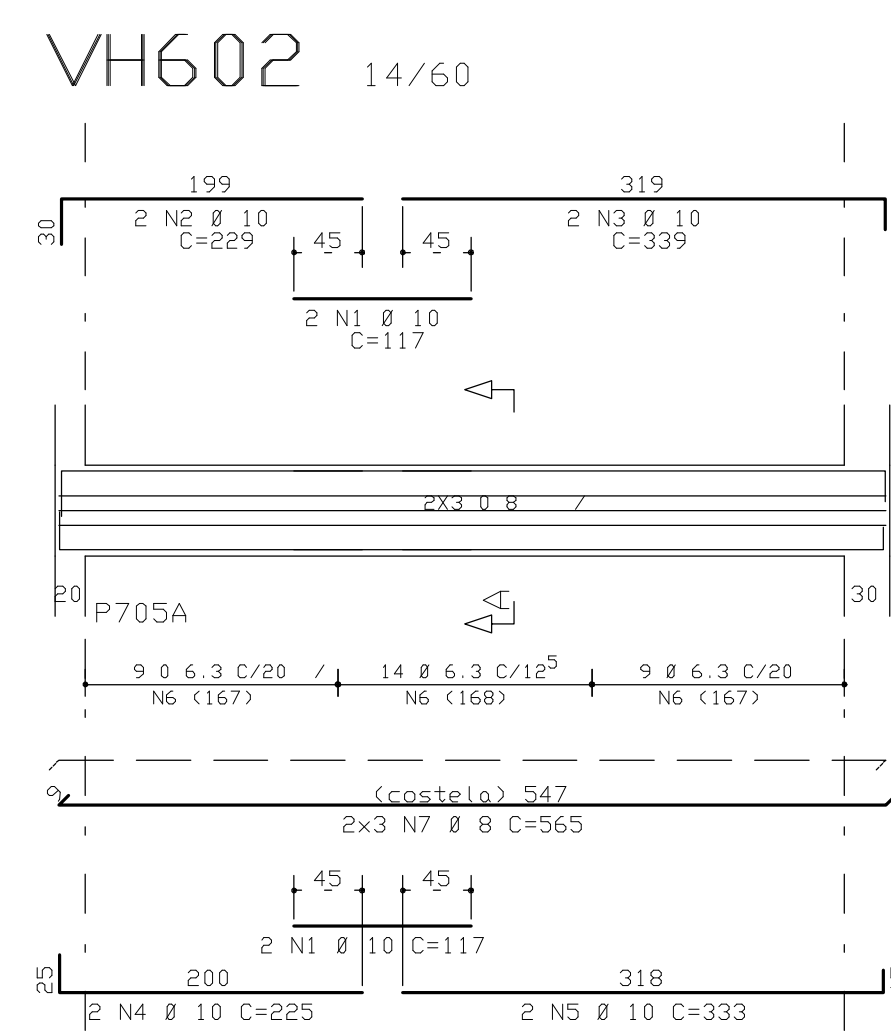
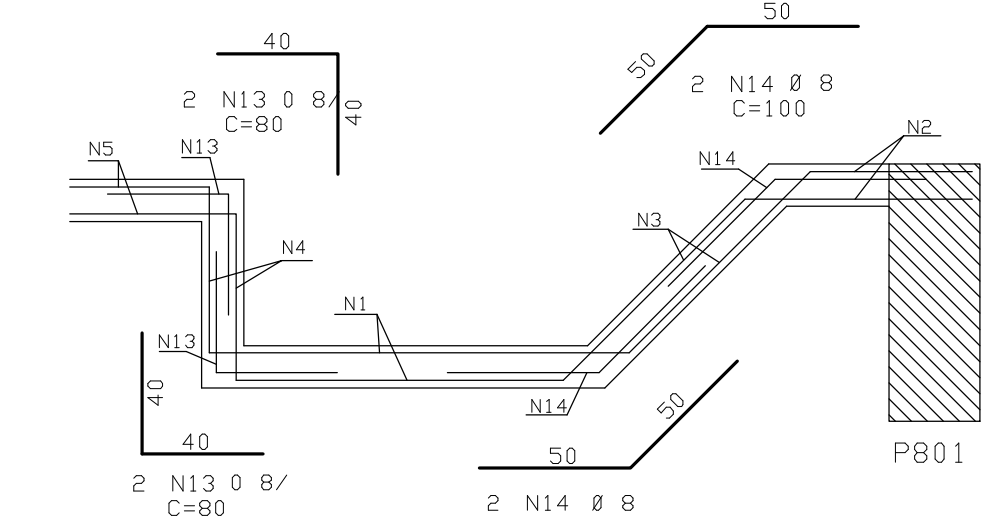
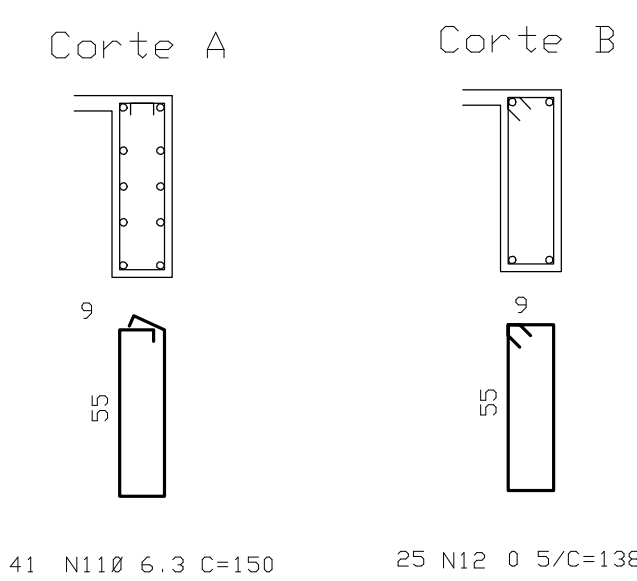
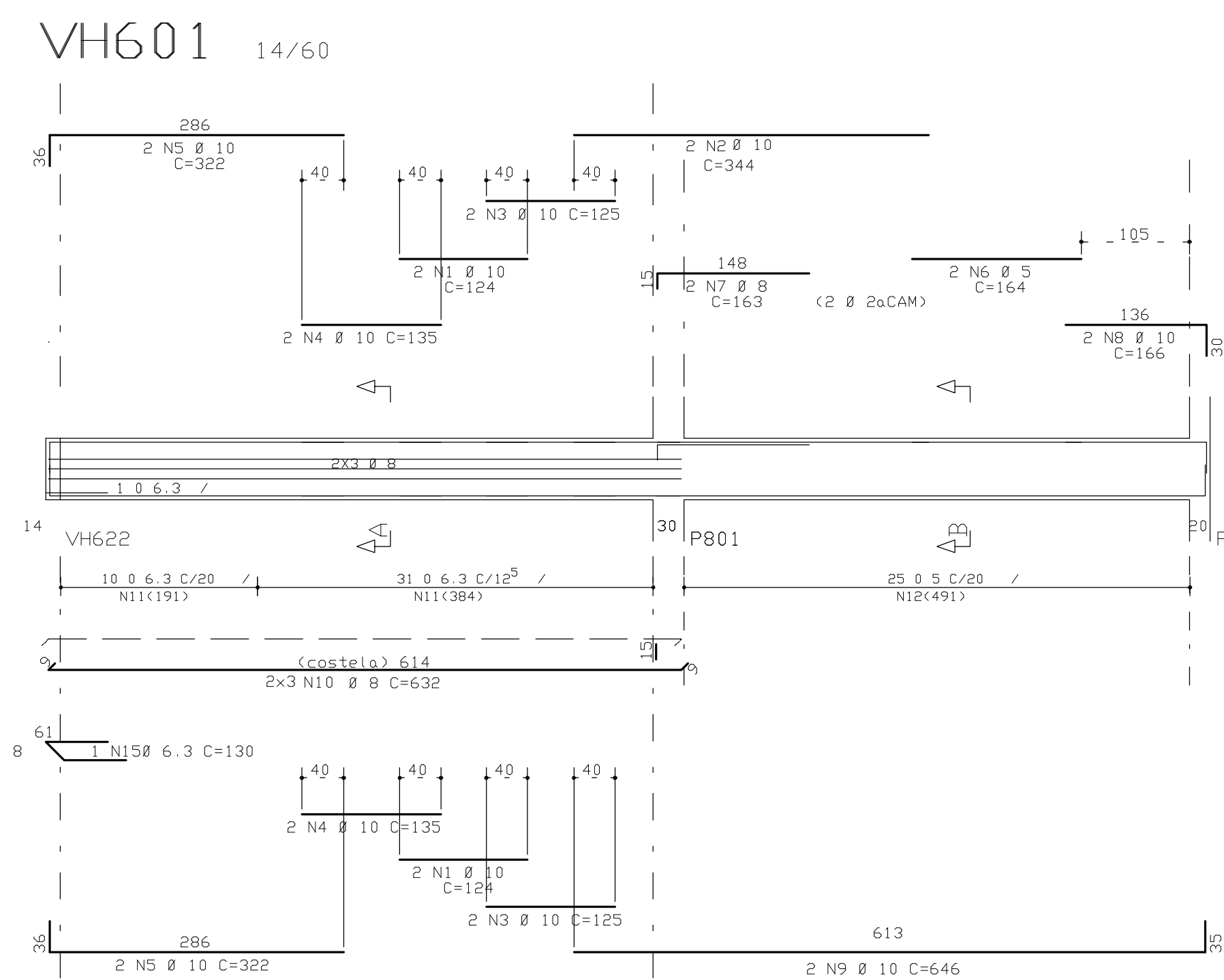


COBRIMENTO DA ARMADURA:

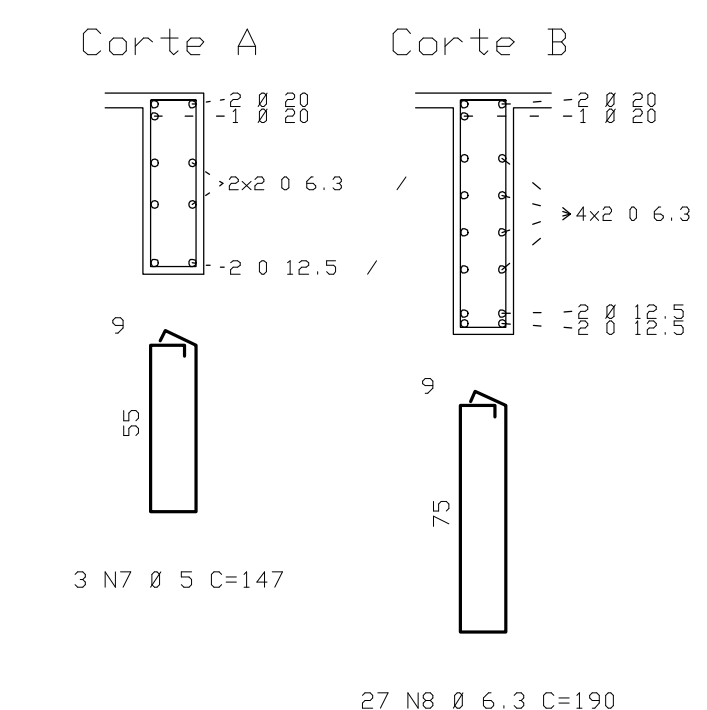
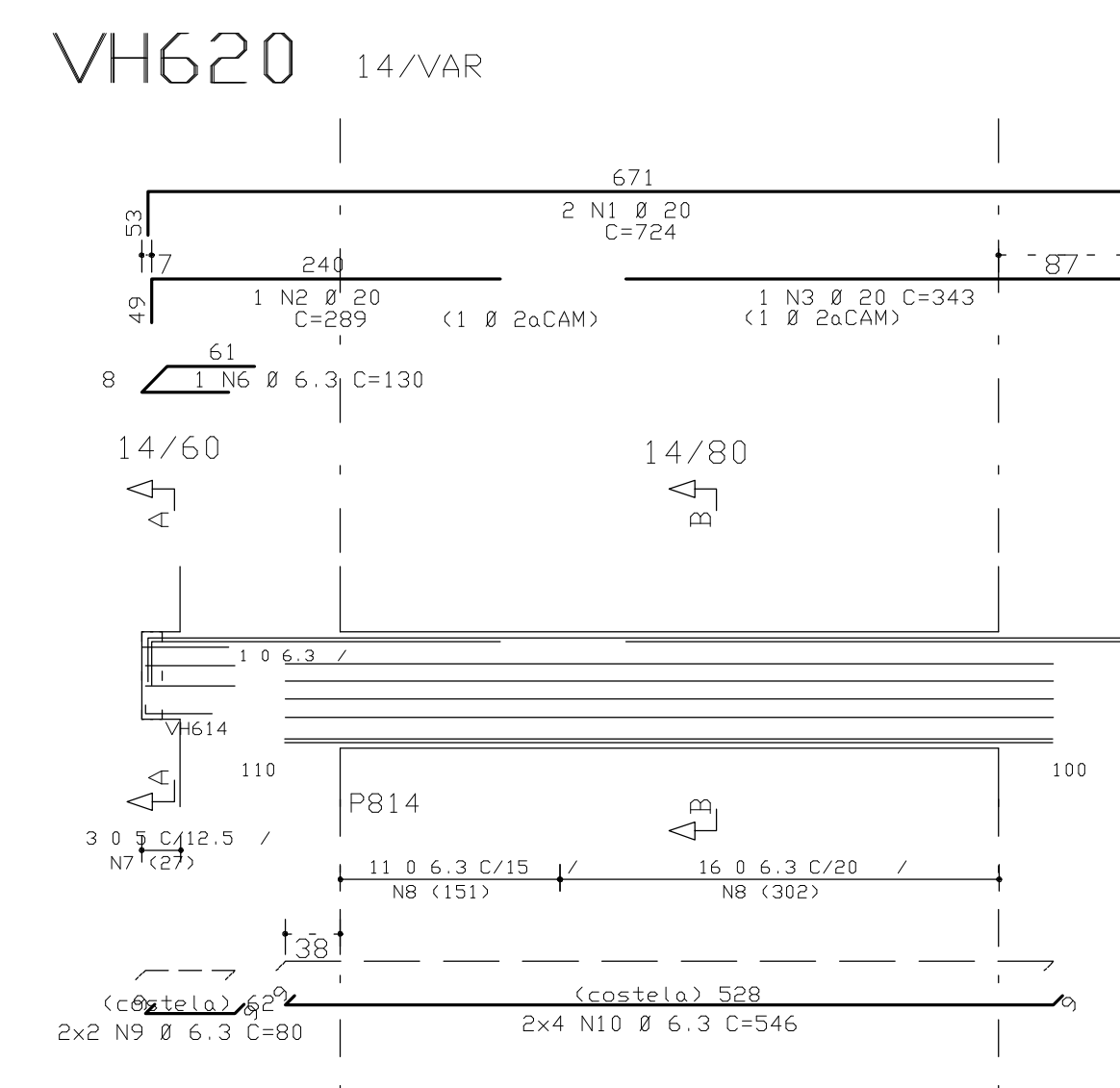
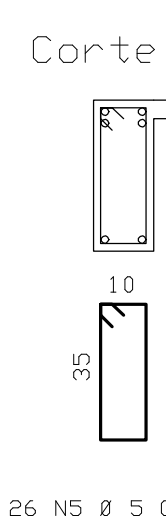
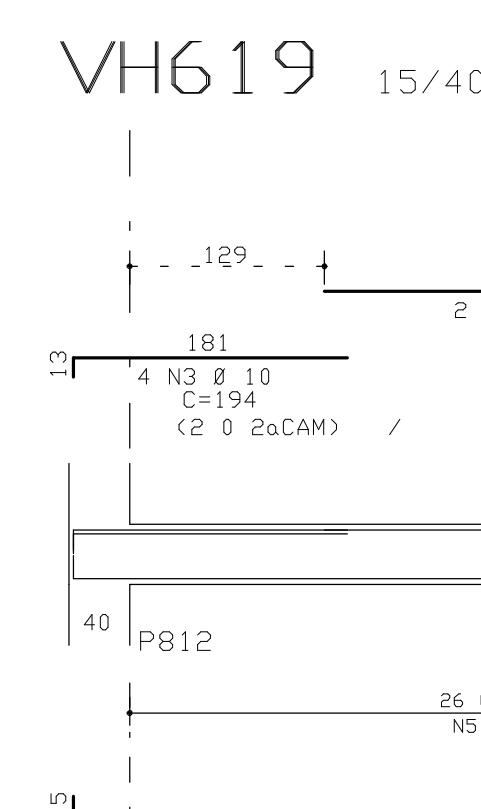
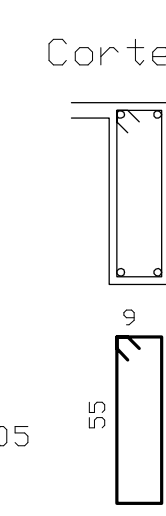
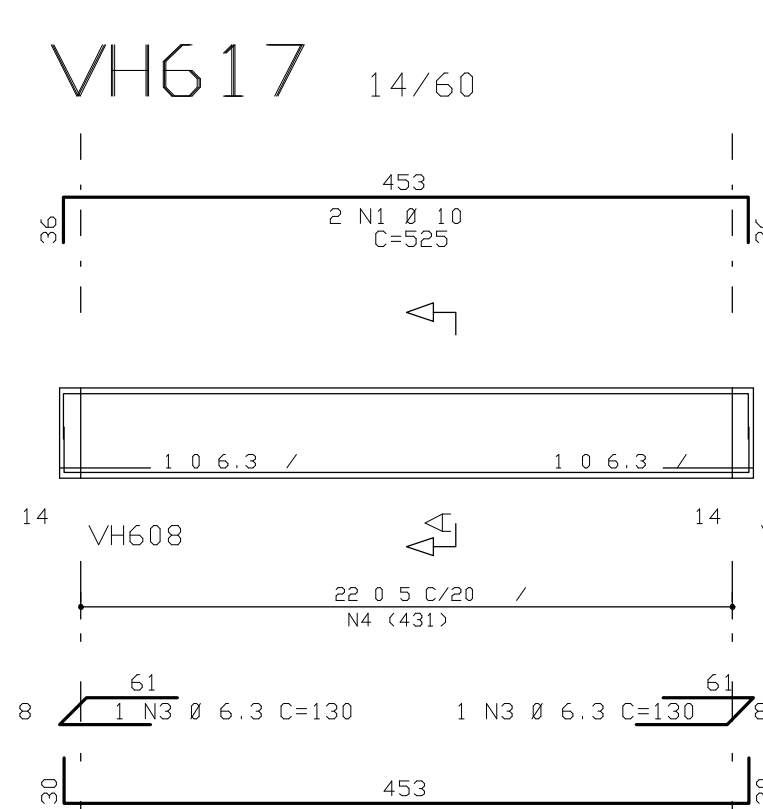
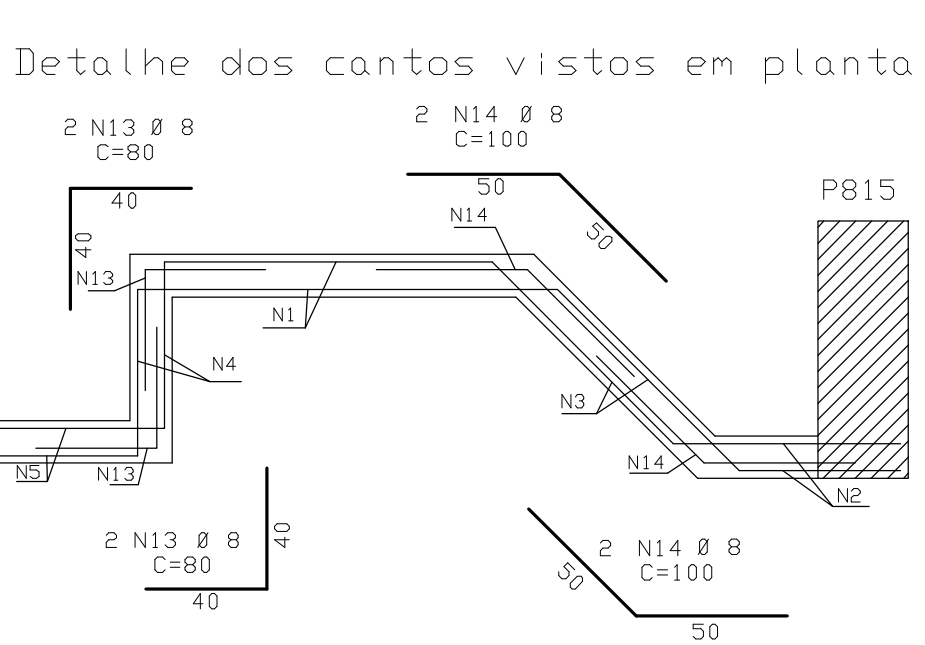
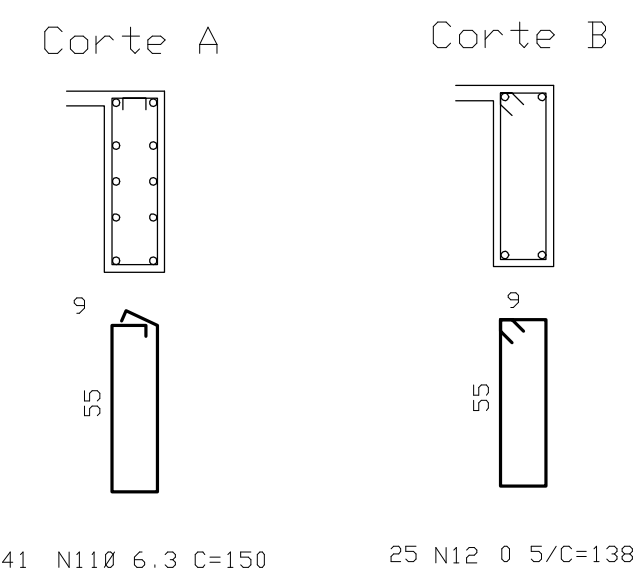
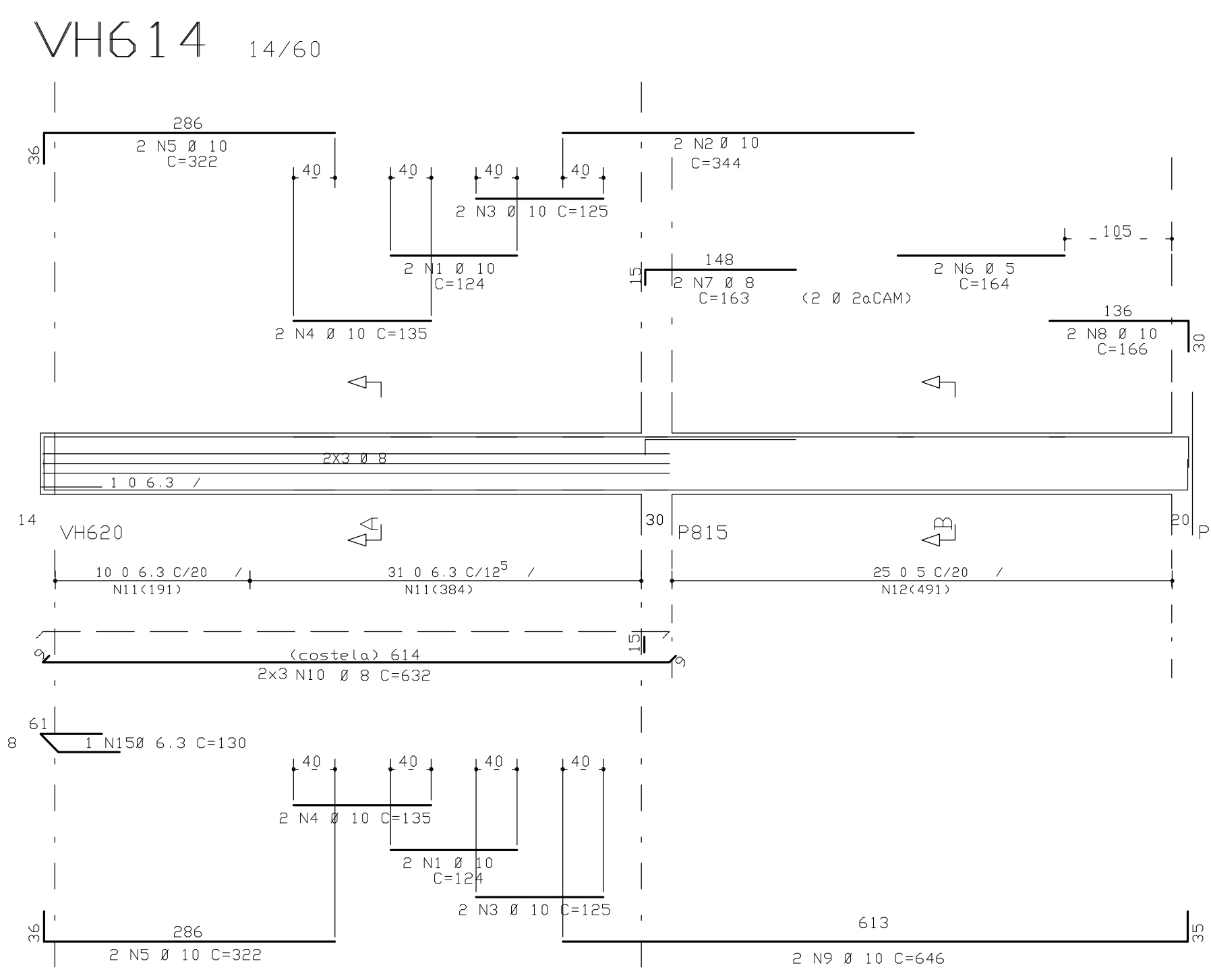
- LAJES = 2,0 cm
- VIGAS E PILARES = 2,5 cm
- BLOCOS ALGARIMES E CONCRETOS (FACE EM CONTATO COM A TERRA) = 3,0 cm
- FOLHAS DE CONCRETO SEM GUARANTES COM 0,10 m DE ESPESURA DO PASSILHE.

COMENTÁRIOS ESPECÍFICOS EM CONTRASTAR AOS VALORES INDICADOS ACIMA, ESTÃO INDICADOS NOS DESENHOS DE FORMA DESEMPENHAMENTO.

NORMAS UTILIZADAS:

NBR-6118/1998 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO

NBR-6120/1998 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACAO



FCK = 30 MPa
EC = 28 GPa
A/C = 0,65

(MÓDULO DE ELASTICIDADE SECANTE
AOS 28 DIAS).
(FATOR AGUA CIMENTO)

0	17/08/2010	MISSÃO INICIAL		
REV	DATA			DESCRIÇÃO
 Smietria Engenharia SLA GUARUÁ - R. DO SÍTIO SÃO JOSÉ, 201 - JARDIM SINCERIDADE, GUARUÁ - SP - 13020-445 FONE: (04541) 3030-9420 E-MAIL: FONE@SE.ENG.BR				
PROJETO ESTRUTURAL				
CLIENTE:	DISCO INCORPORADORA E IMOBILIÁRIA LTDA			NR ORDEM: 001
UBIM:	EDIFÍCIO RESIDENCIAL OLIMPIQUE			DESENHO Nº:
ENFEREA QUADRÁ AREA ESPECIAL: 04 LOTES G P H - GUARUÁ/SP				374-X
DESCRIÇÃO:	ARMACAO DAS VIGAS DO 15º PAVIMENTO			
	TORRE D - JUNTA H (01/02)			
DESCRIÇÃO PLT:	DATA:	ESCALA:	UNIDADE:	NR PROJ. SMIETRIA:
421-EST-374-XXX-RD_PLT	17/08/2010	1:50	CM	421
ARQUIVO PLT:				
PROJETO:	RESPONSÁVEL TÉCNICO			
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL				
SIETRIA ENGENHARIA E PROJETOS S/C LTDA CREA-17359-MT				

