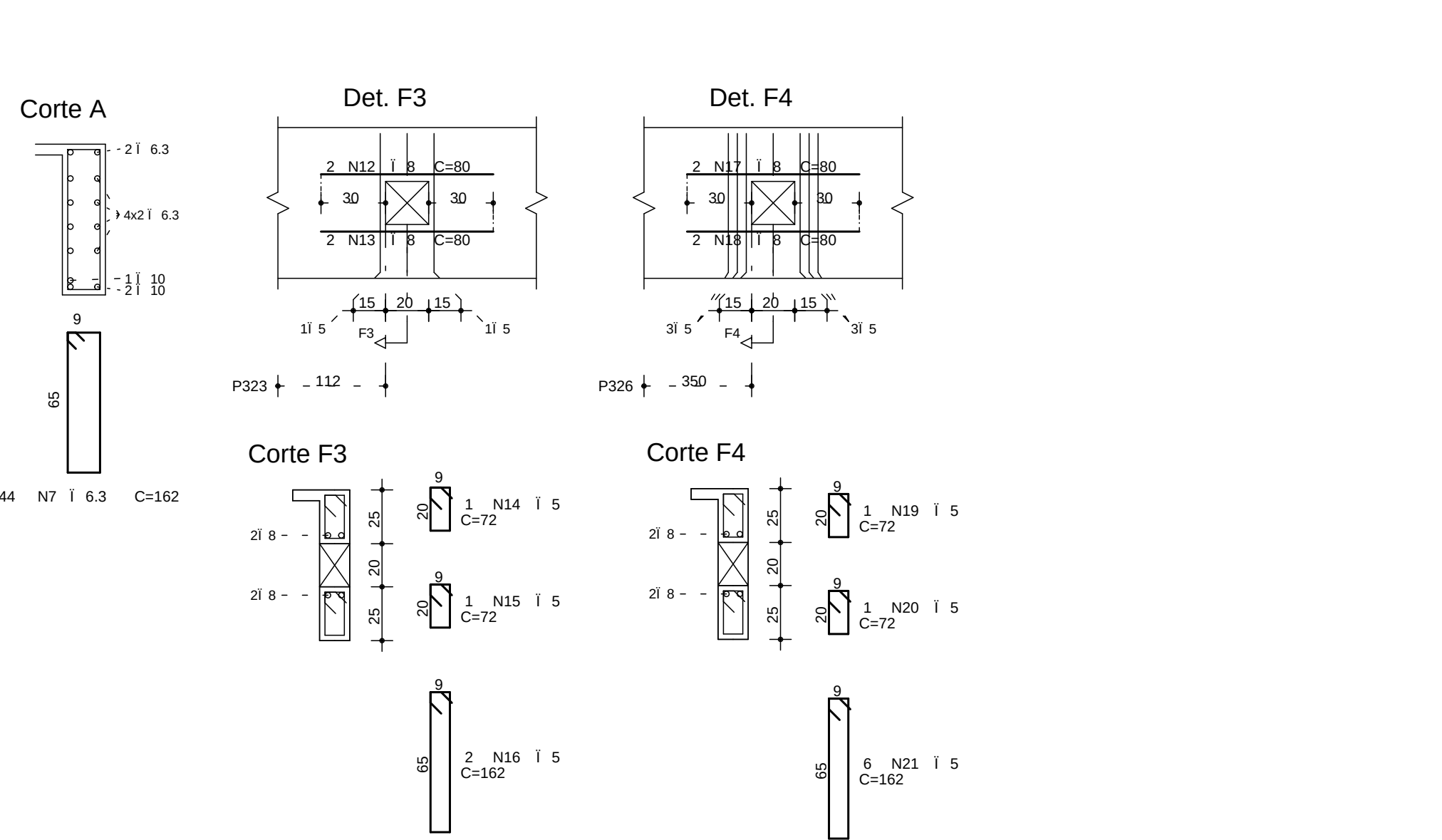
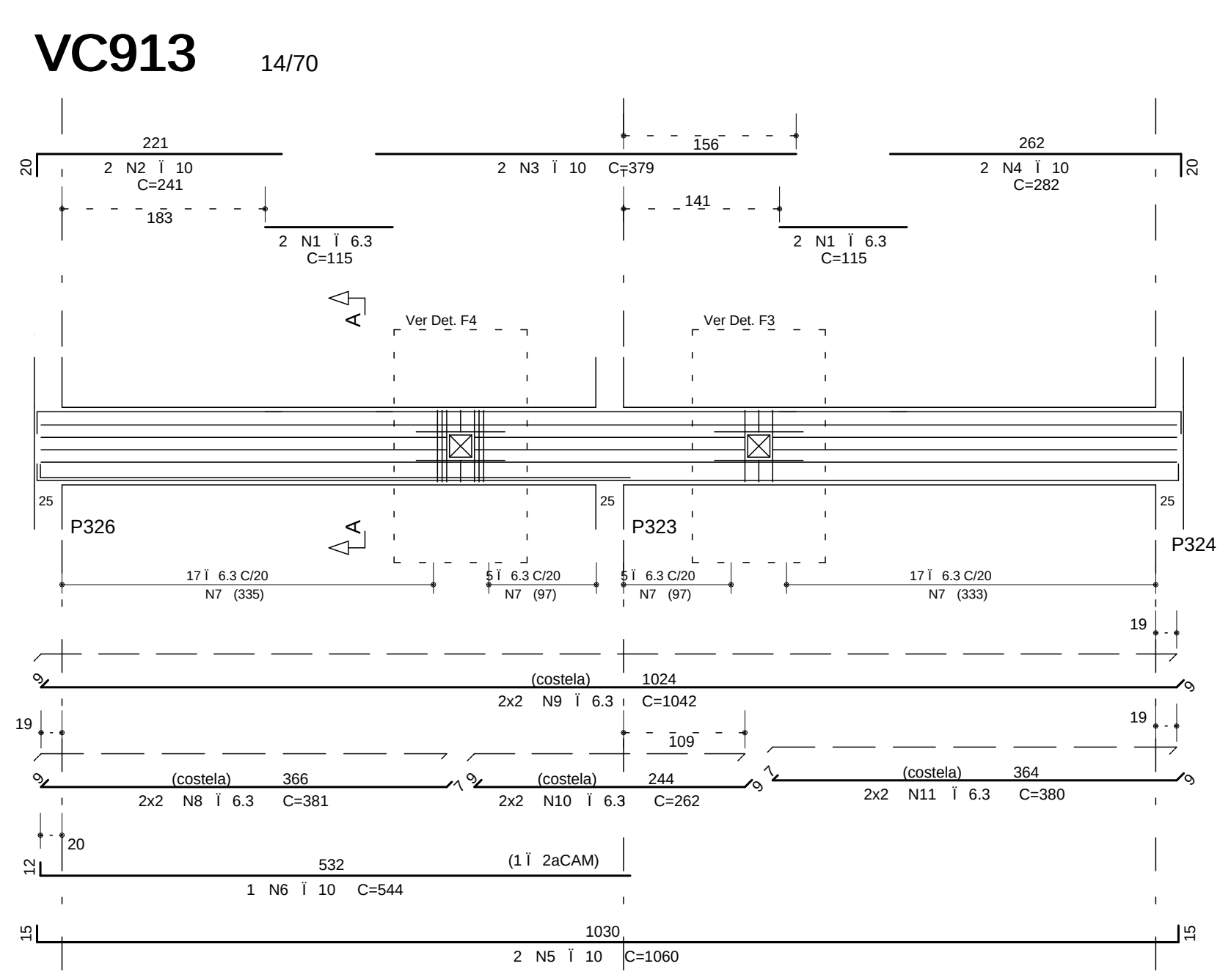
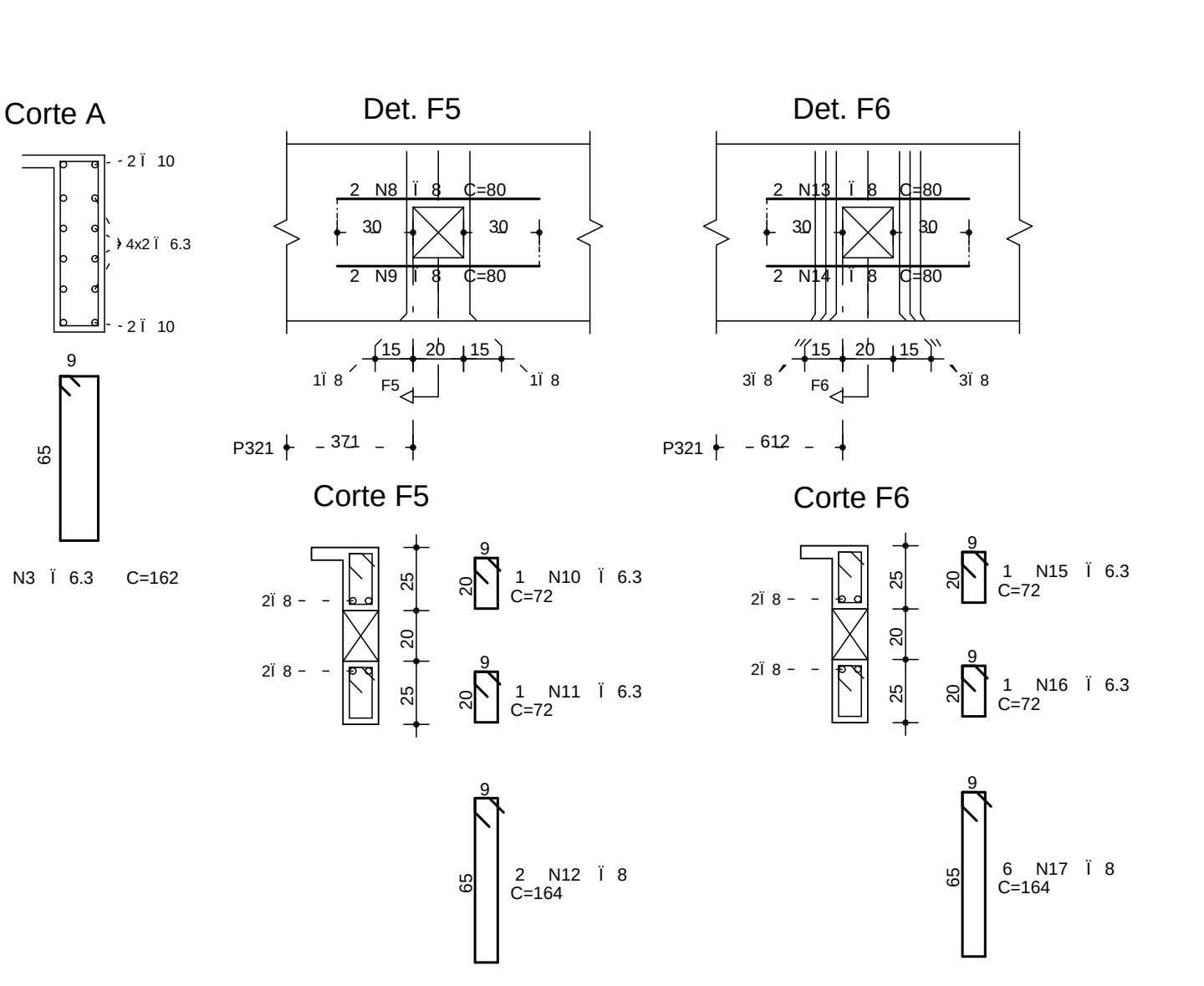
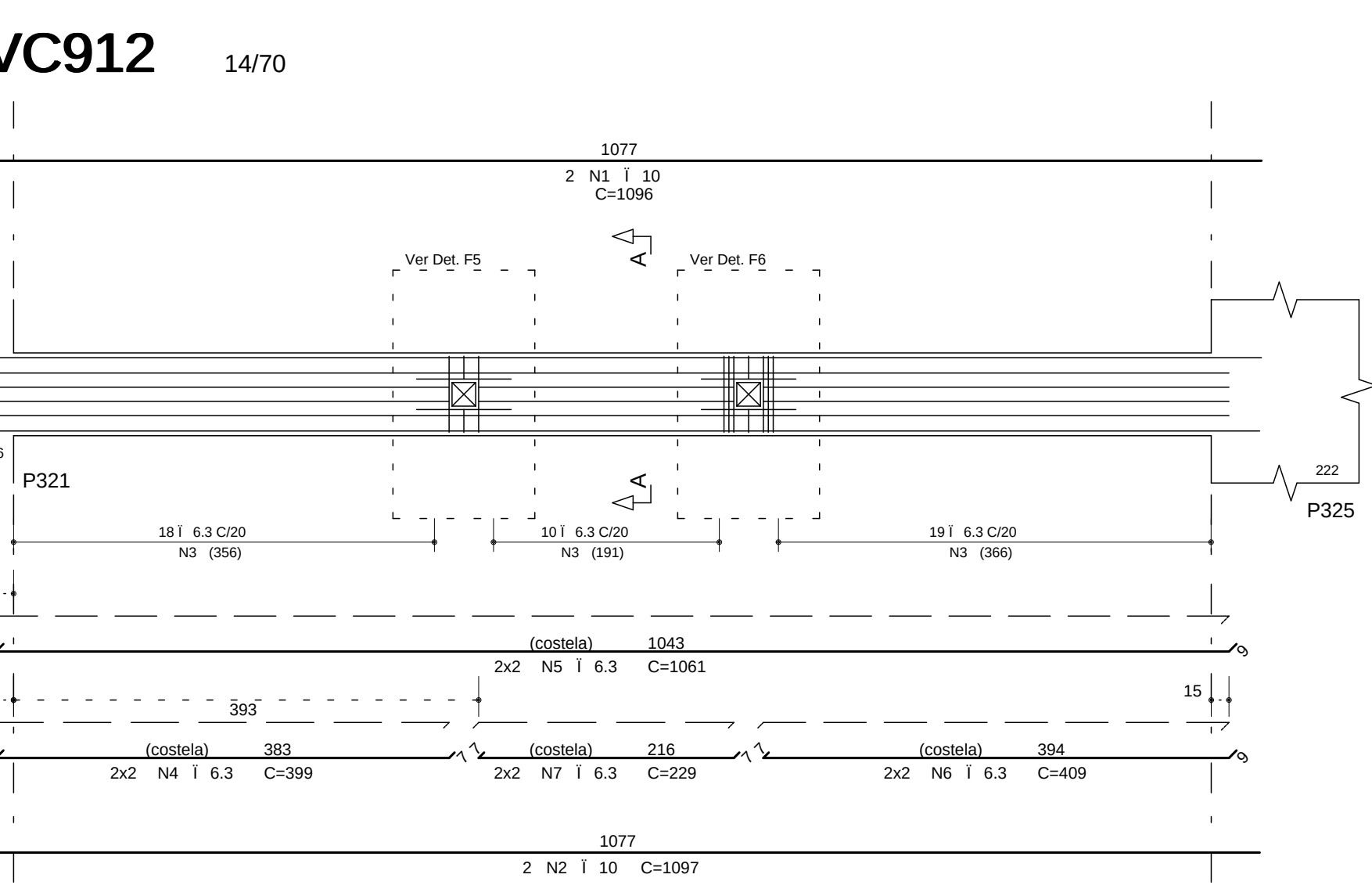
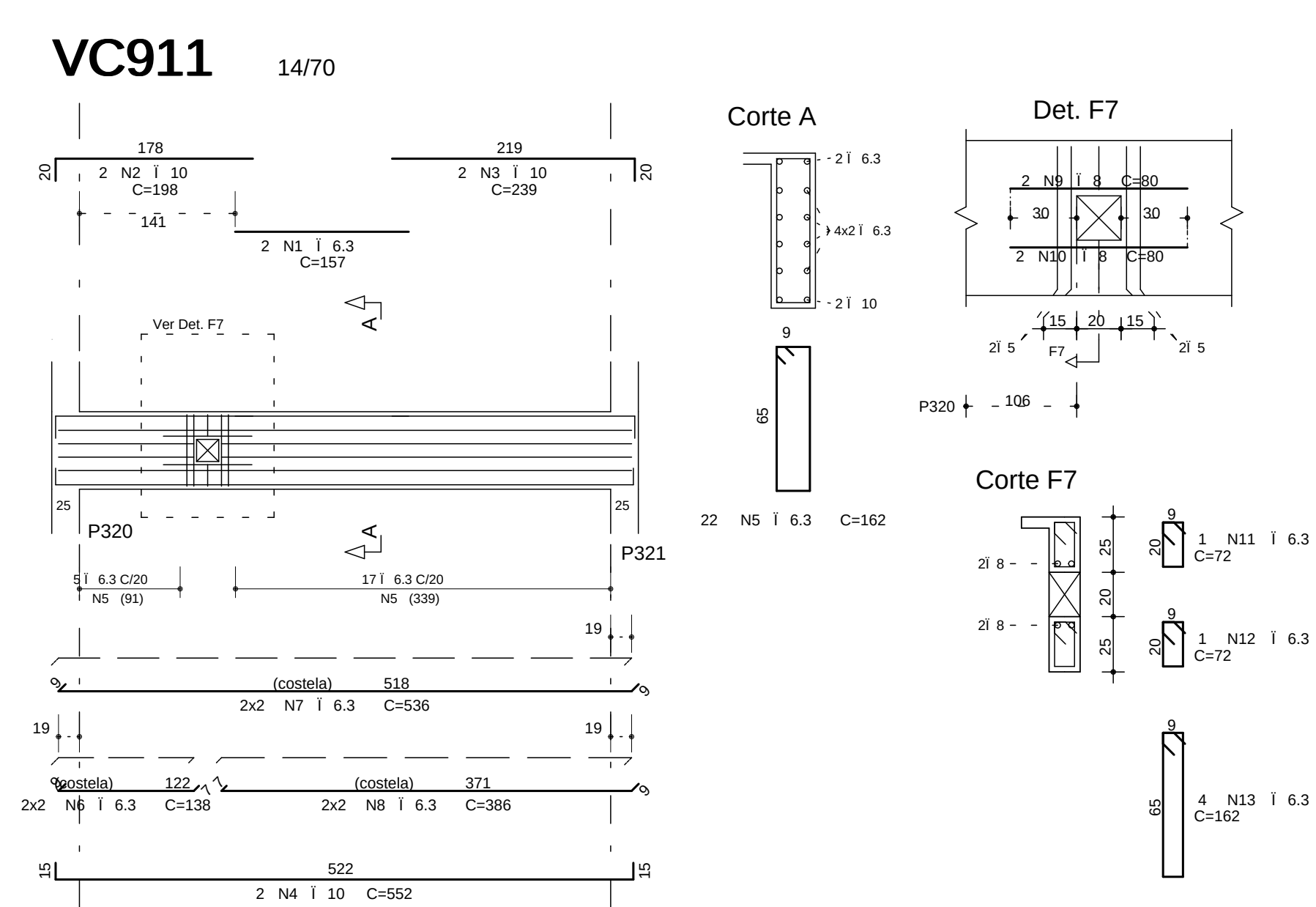
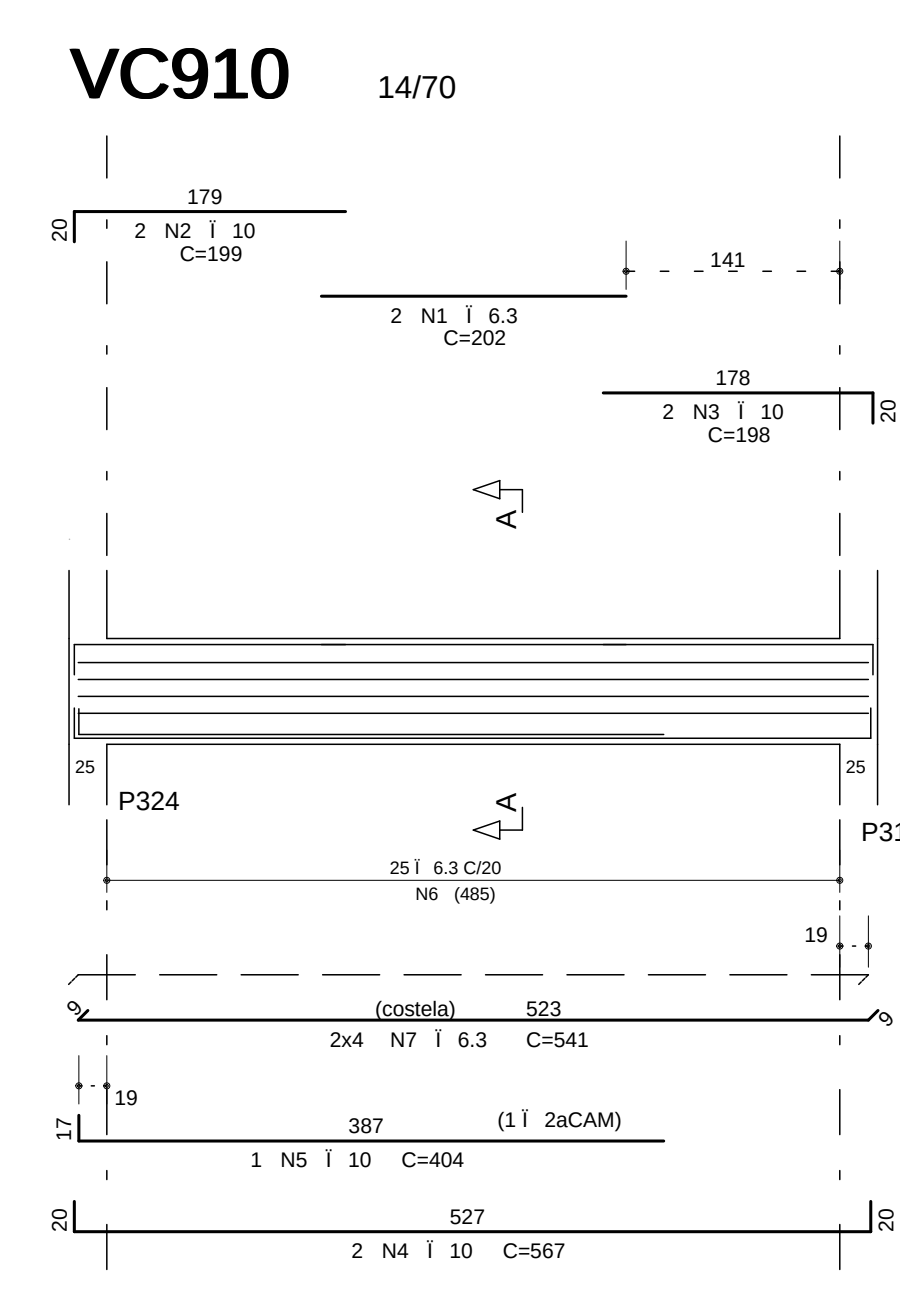
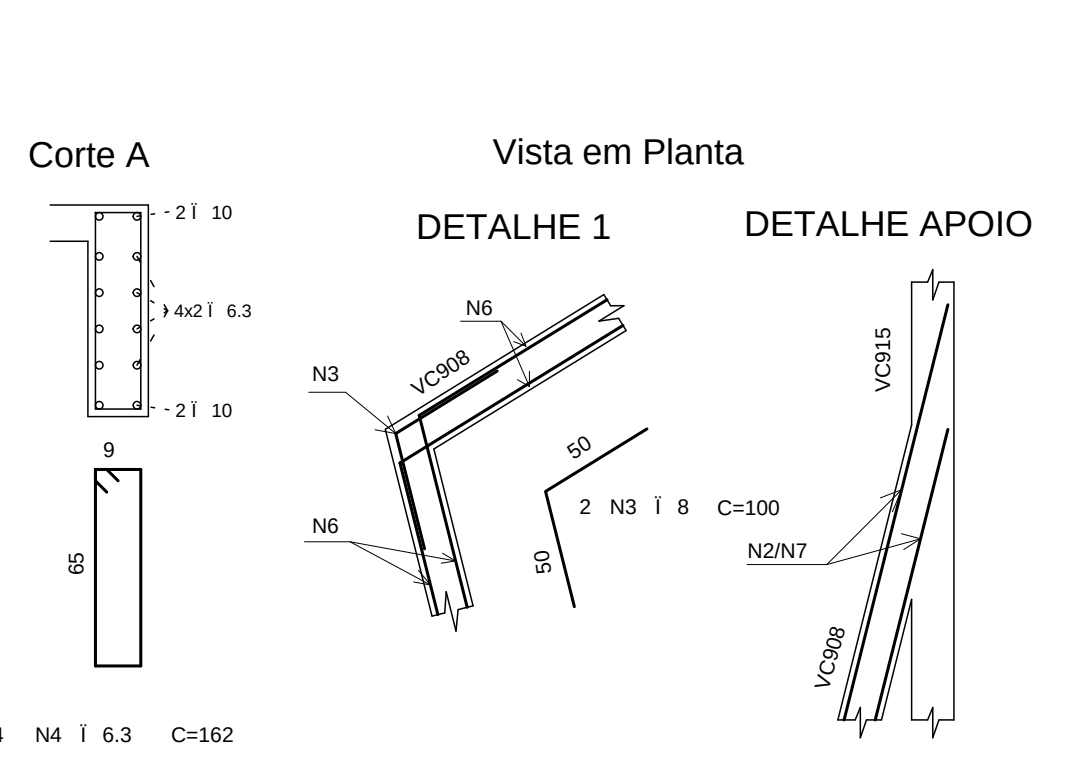
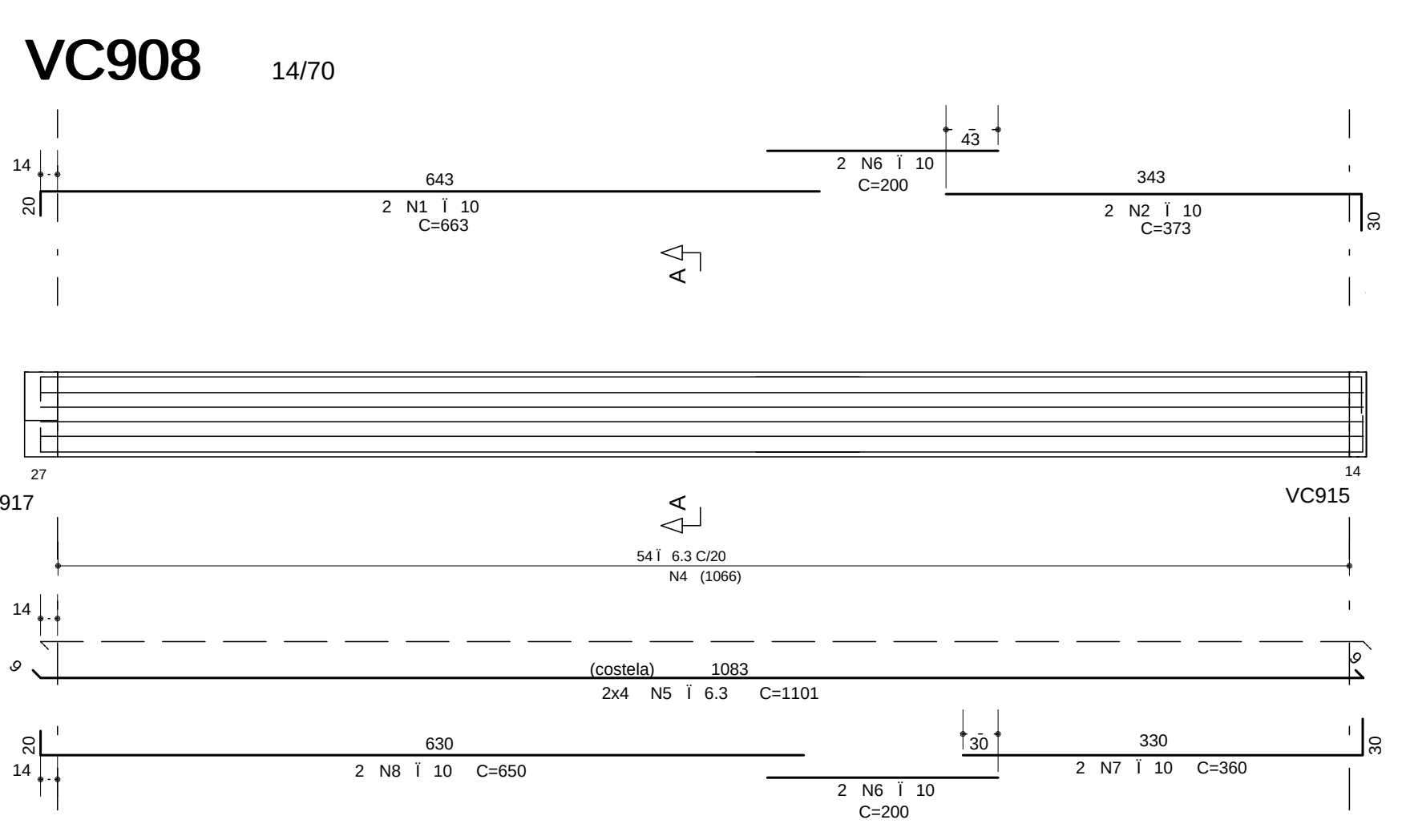
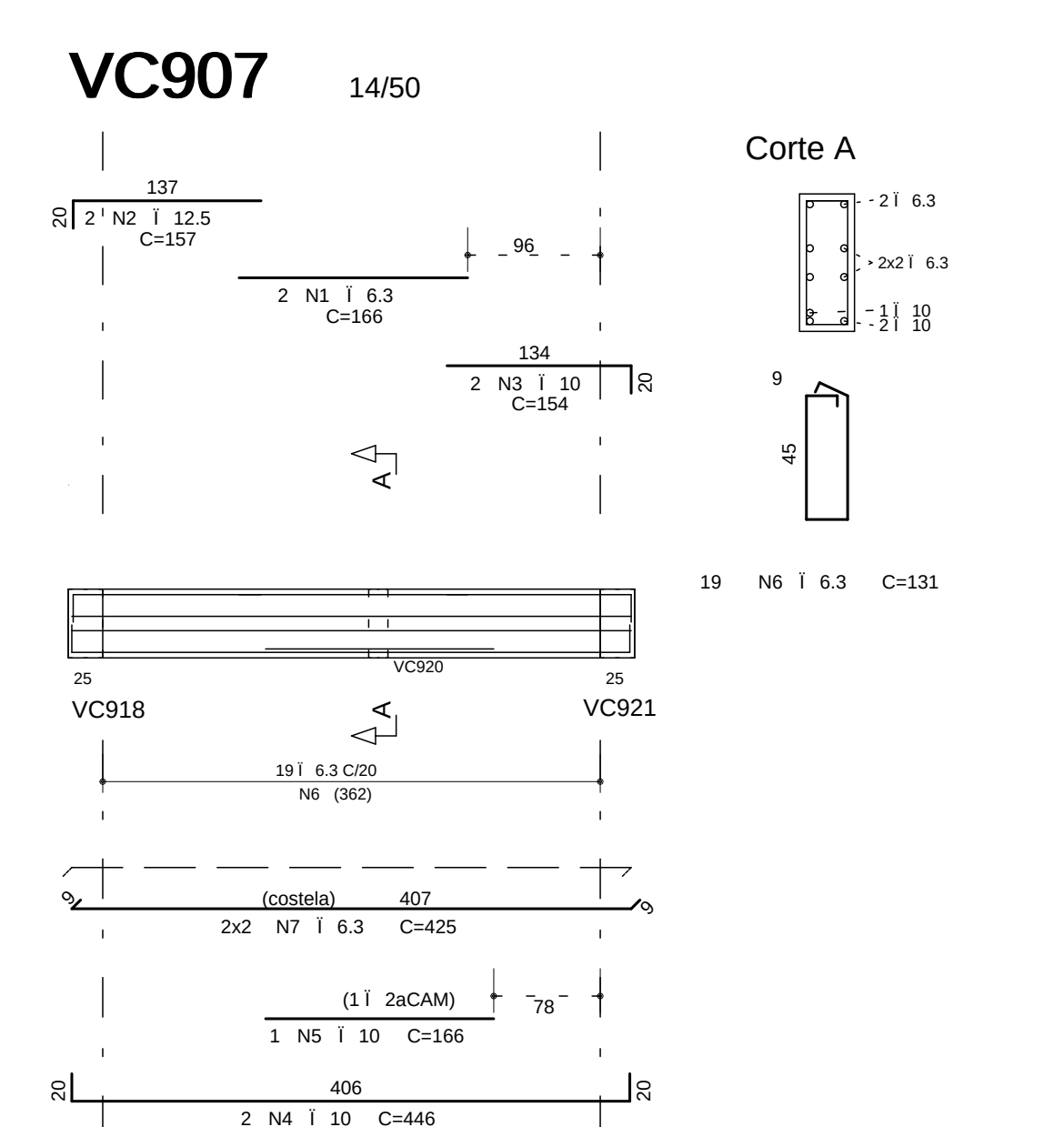
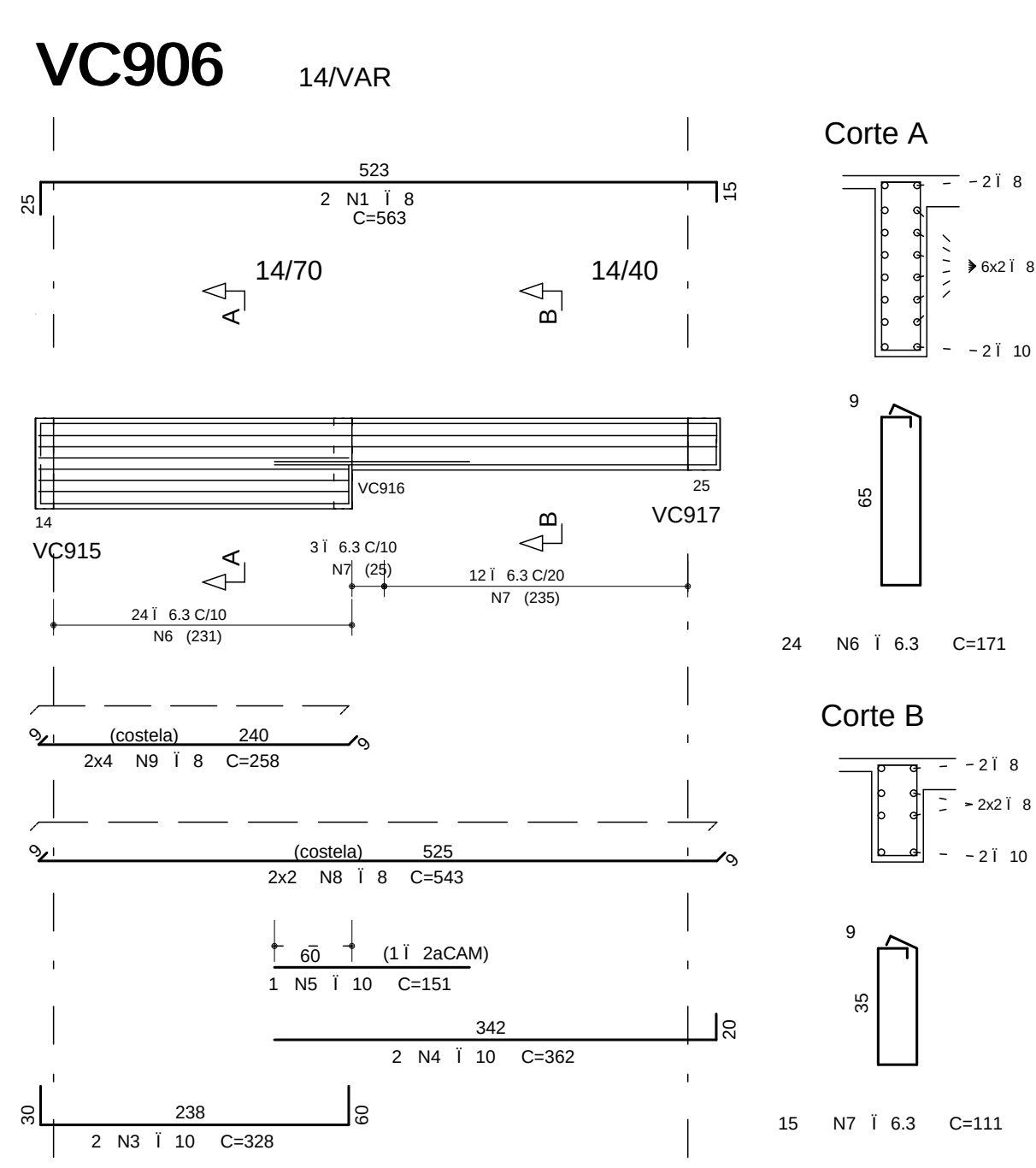
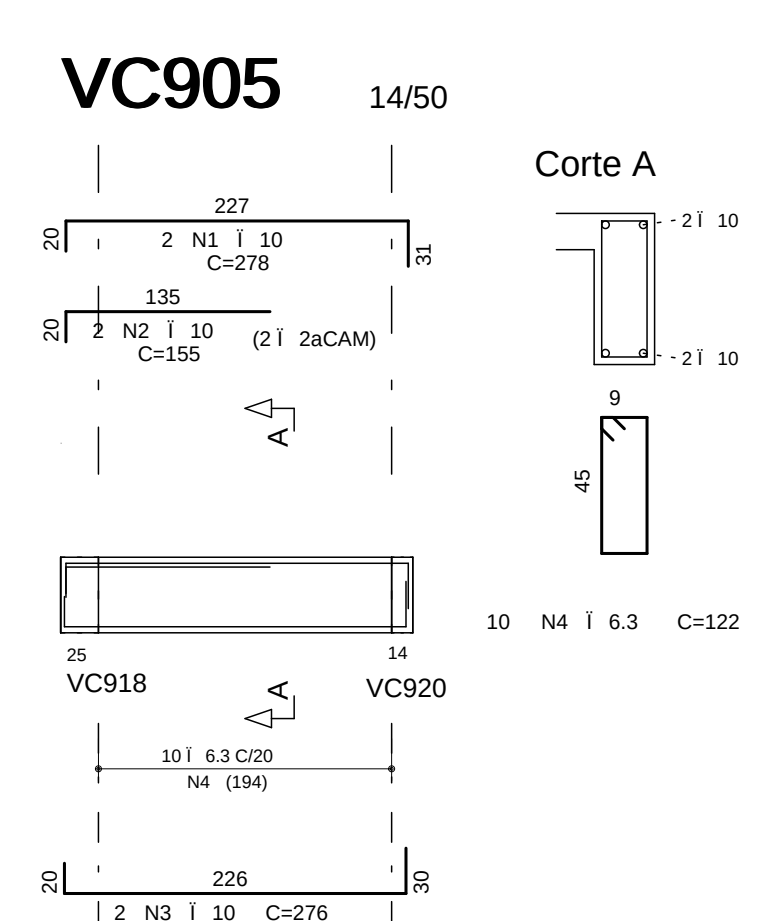
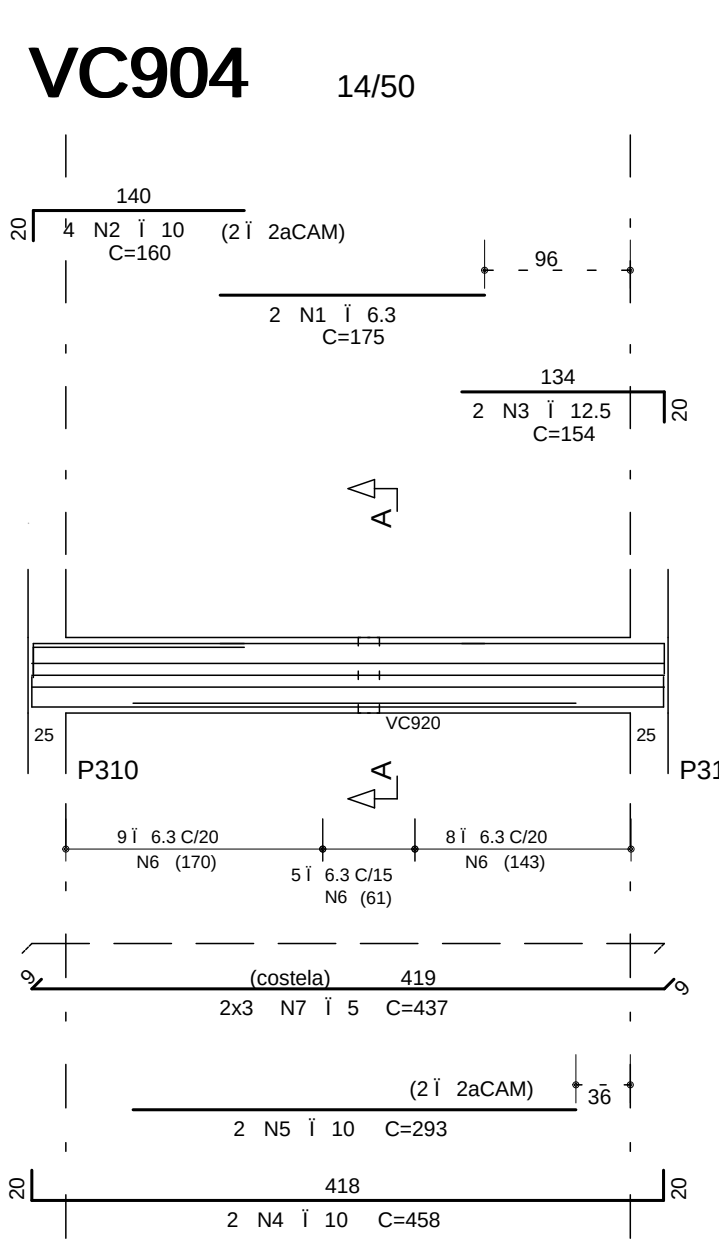
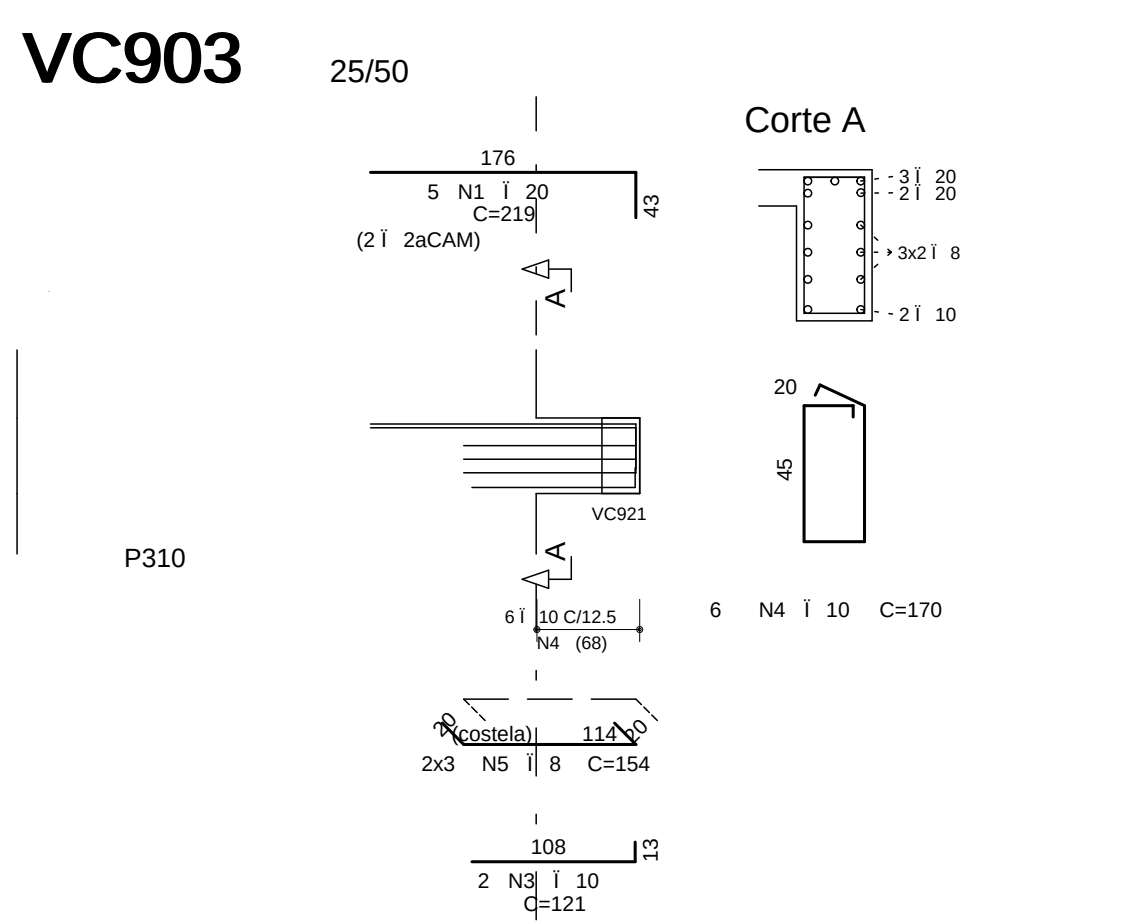
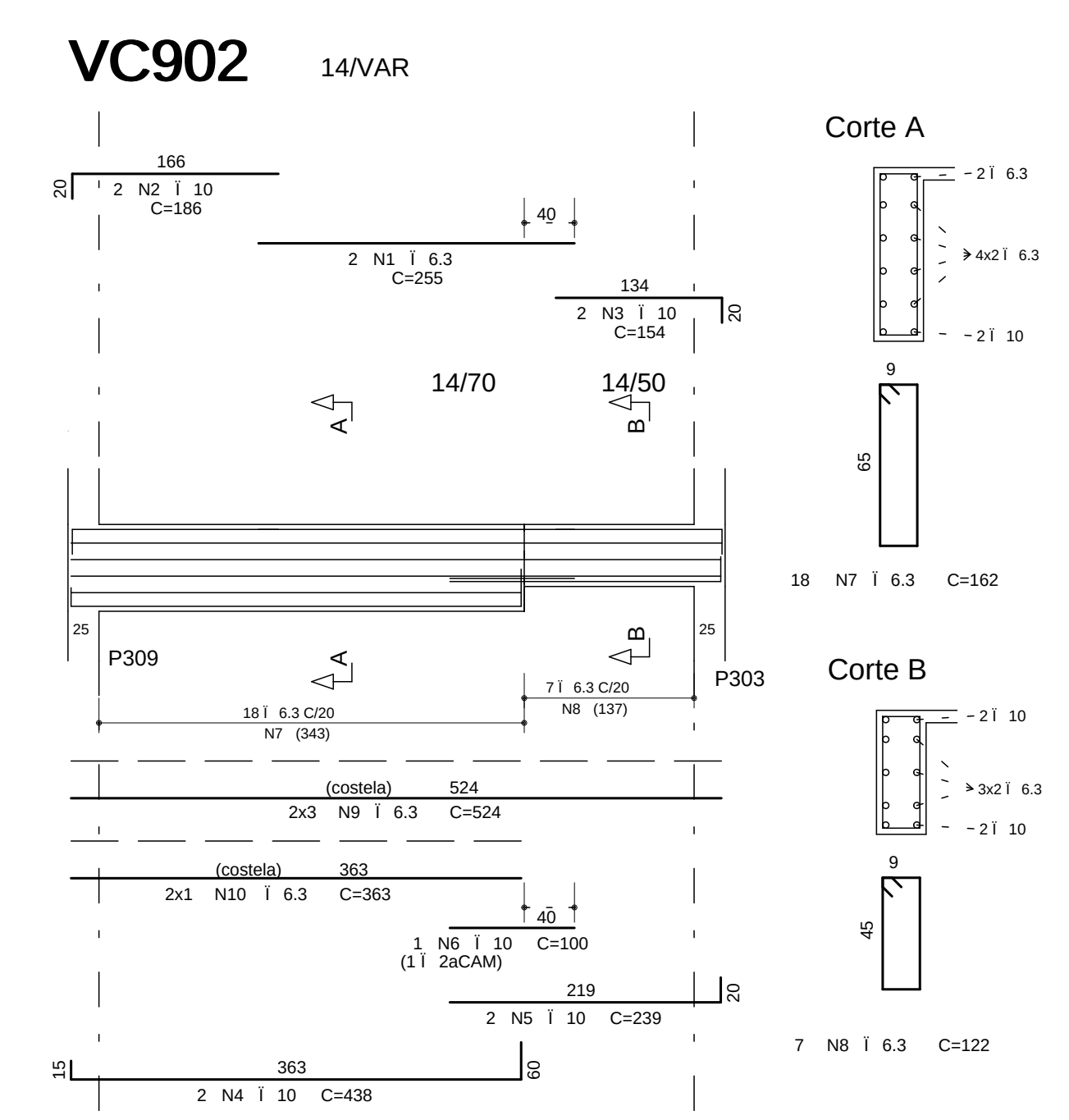
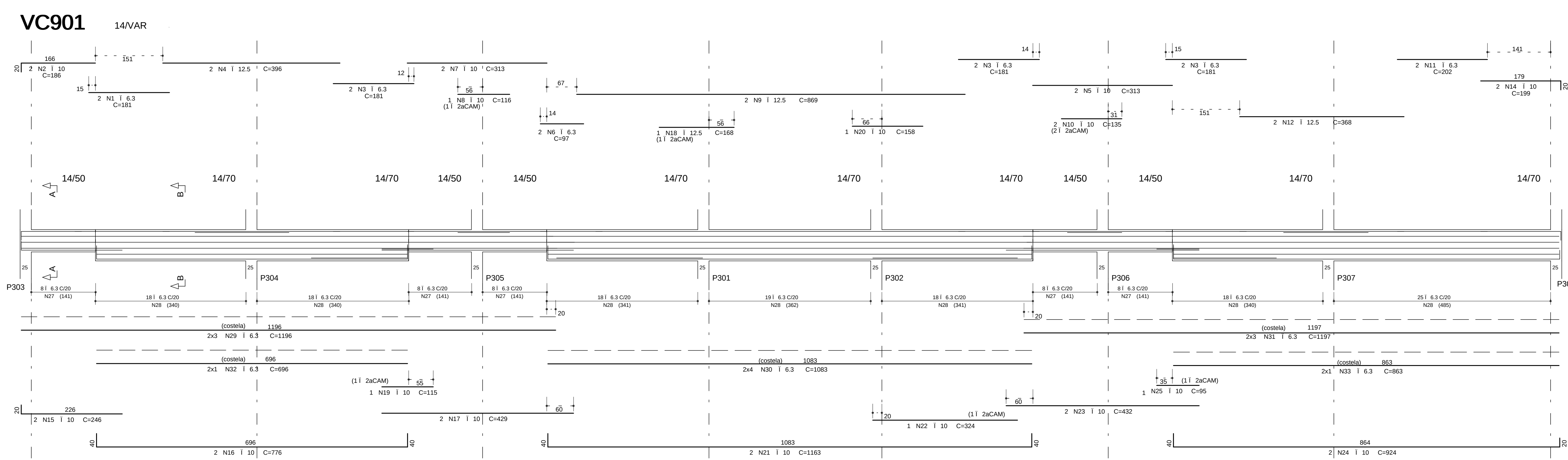




ALQ	POS	BIT	QUANT	COMPONENTO	UNIT	TOTAL
VC901	14	VAR	1	14	14	14
VC902	14	VAR	1	14	14	14
VC903	25	50	1	25	25	25
VC904	14	50	1	14	14	14
VC905	14	50	1	14	14	14
VC906	14	VAR	1	14	14	14
VC907	14	50	1	14	14	14
VC908	14	70	1	14	14	14
VC909	14	50	1	14	14	14
VC910	14	70	1	14	14	14
VC911	14	70	1	14	14	14
VC912	14	70	1	14	14	14
VC913	14	70	1	14	14	14
VC914	14	70	1	14	14	14
VC915	14	70	1	14	14	14

ALQ	POS	BIT	QUANT	COMPONENTO	UNIT	TOTAL
VC901	14	VAR	1	14	14	14
VC902	14	VAR	1	14	14	14
VC903	25	50	1	25	25	25
VC904	14	50	1	14	14	14
VC905	14	50	1	14	14	14
VC906	14	VAR	1	14	14	14
VC907	14	50	1	14	14	14
VC908	14	70	1	14	14	14
VC909	14	50	1	14	14	14
VC910	14	70	1	14	14	14
VC911	14	70	1	14	14	14
VC912	14	70	1	14	14	14
VC913	14	70	1	14	14	14
VC914	14	70	1	14	14	14
VC915	14	70	1	14	14	14

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 DEVEM SER GARANTIDOS COM O USO DE ESPACADORES OU PARELHAS.

COMENTARIOS ESPECIFICOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DESENHOS DE FORMAS DOS PAVIMENTOS.

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:

VC901 A VC913

FCK= 35 MPa
EC = 28 GPa
A/C = 0,65

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

1	28/08/2014	NUMERACAO FINAL	
0	06/03/2013	EMISSAO INICIAL	
REV	DATA	DESCRICAO	
PROJETO ESTRUTURAL			
CLIENTE: GENT INCORPORADORA LTDA.			
OBRA: ED. RESIDENCIAL/COMERCIAL PANIERAS			
ENGENHEIRO/OBRA: RUA 30 NORTE LOTE 03 - RUA DAS PANIERAS - AGUAS CLARAS DE			
PROJETO: ARMACAO DAS VIGAS PISO DO TIPO - 9o AO 13o			
PAVIMENTO - TORRE 3 - JUNTA C (01/02)			
RESPOSTA: TOSI FABIANA			
DATA: 06/03/2013			
ESCALA: 1:50			
UNIDADE: CM			
ARQUIVO: P.L.T.			
478 - EST-BL3 - 054-076 - R01 - VIG.PLT			
PROPRIETARIO: RESPONSAVEL TECNICO			
RESPONSAVEL TECNICO PELO PROJETO ESTRUTURAL:			
SINETRA ENGENHARIA E PROJETOS S/C LTDA			
CNPJ: 07.043.770/0001-00			