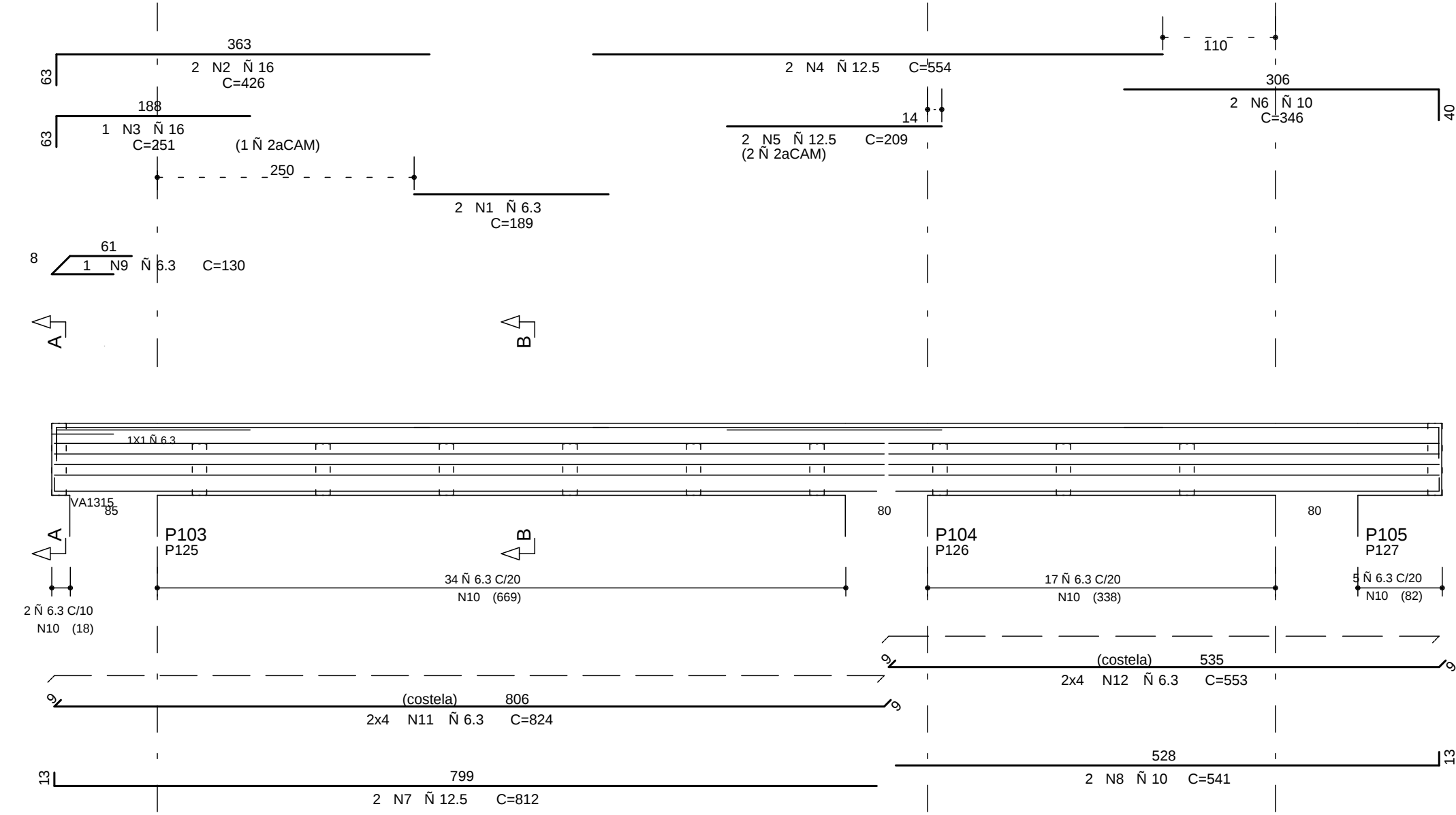


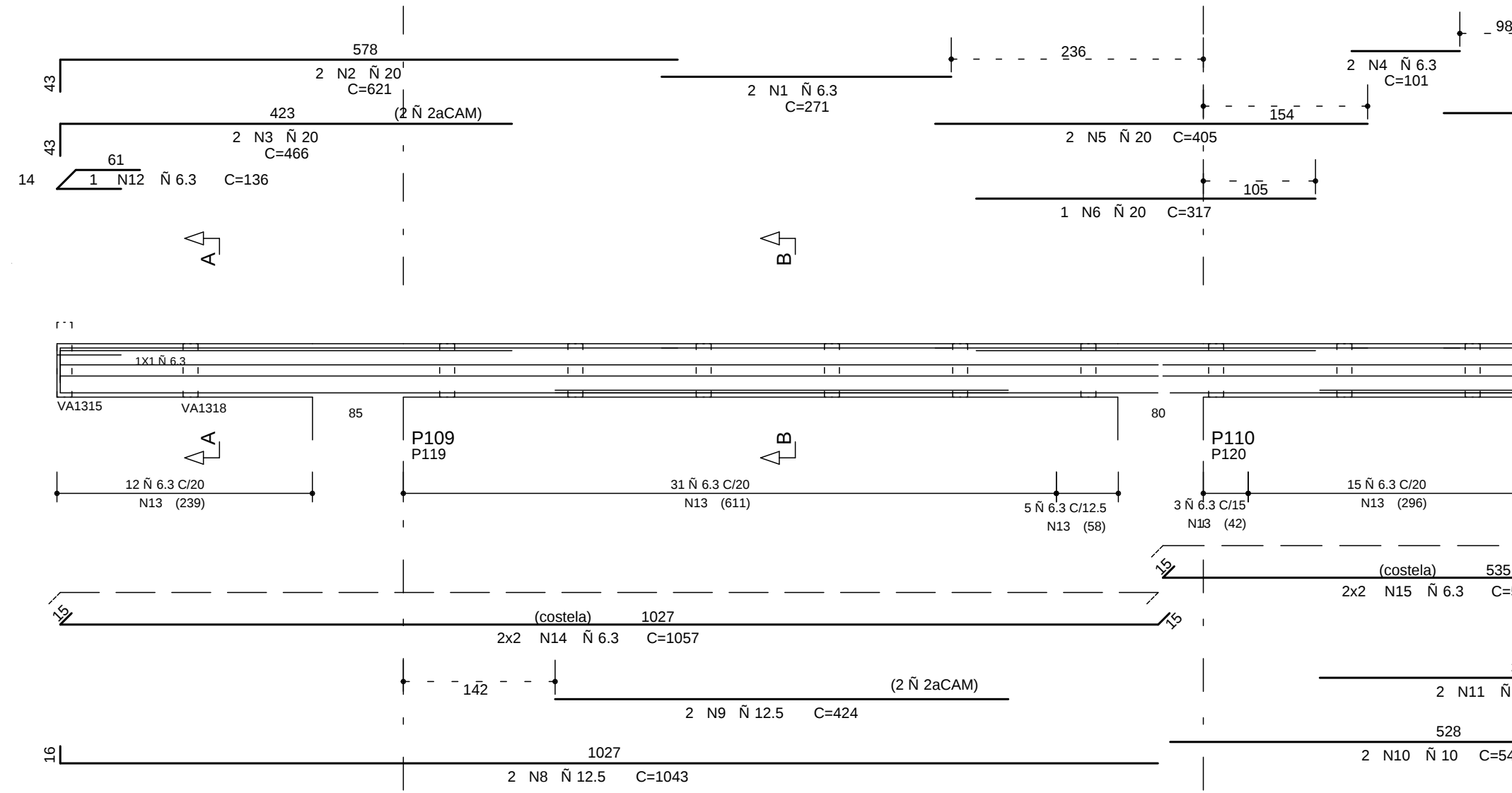
VA1301/VA1313

14/70



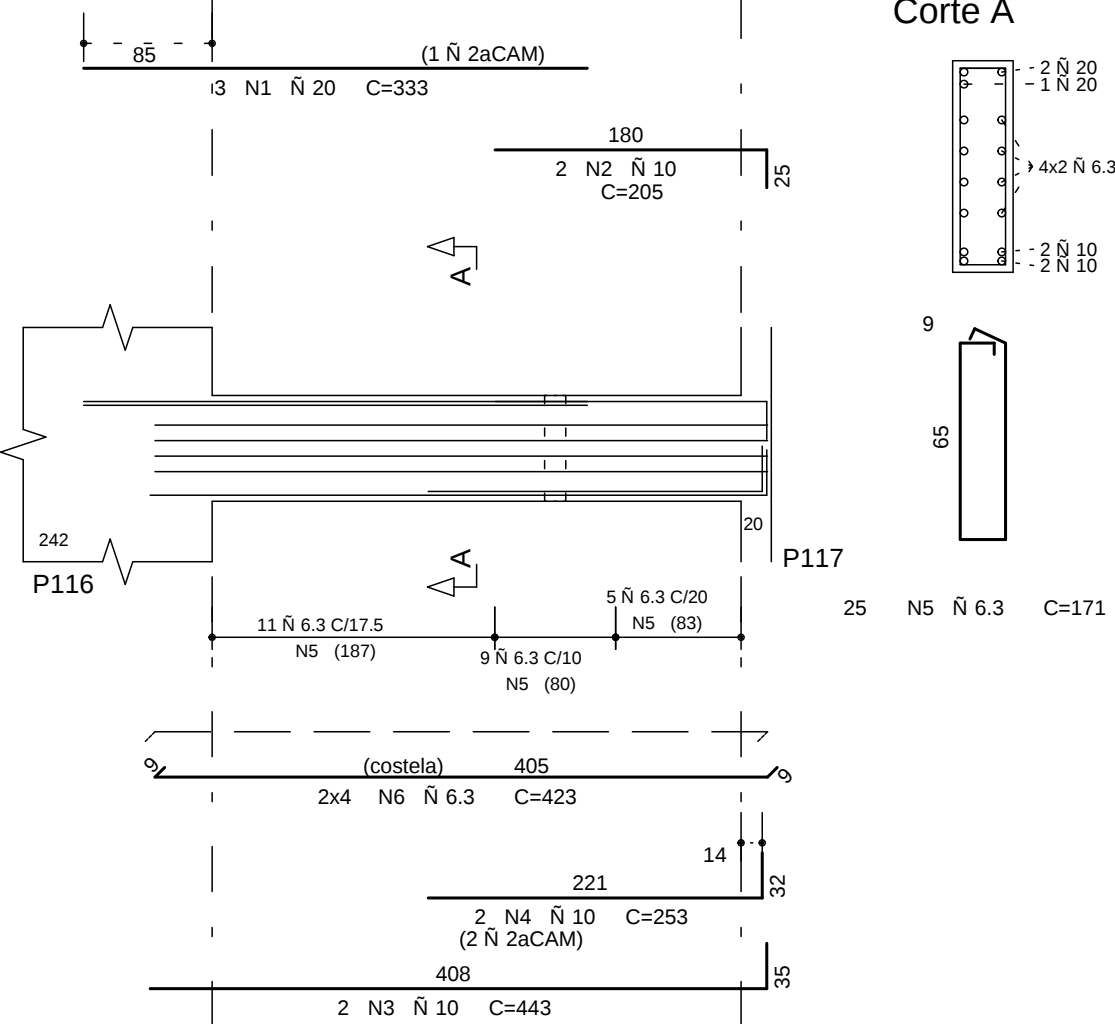
VA1303/VA1311

20/50



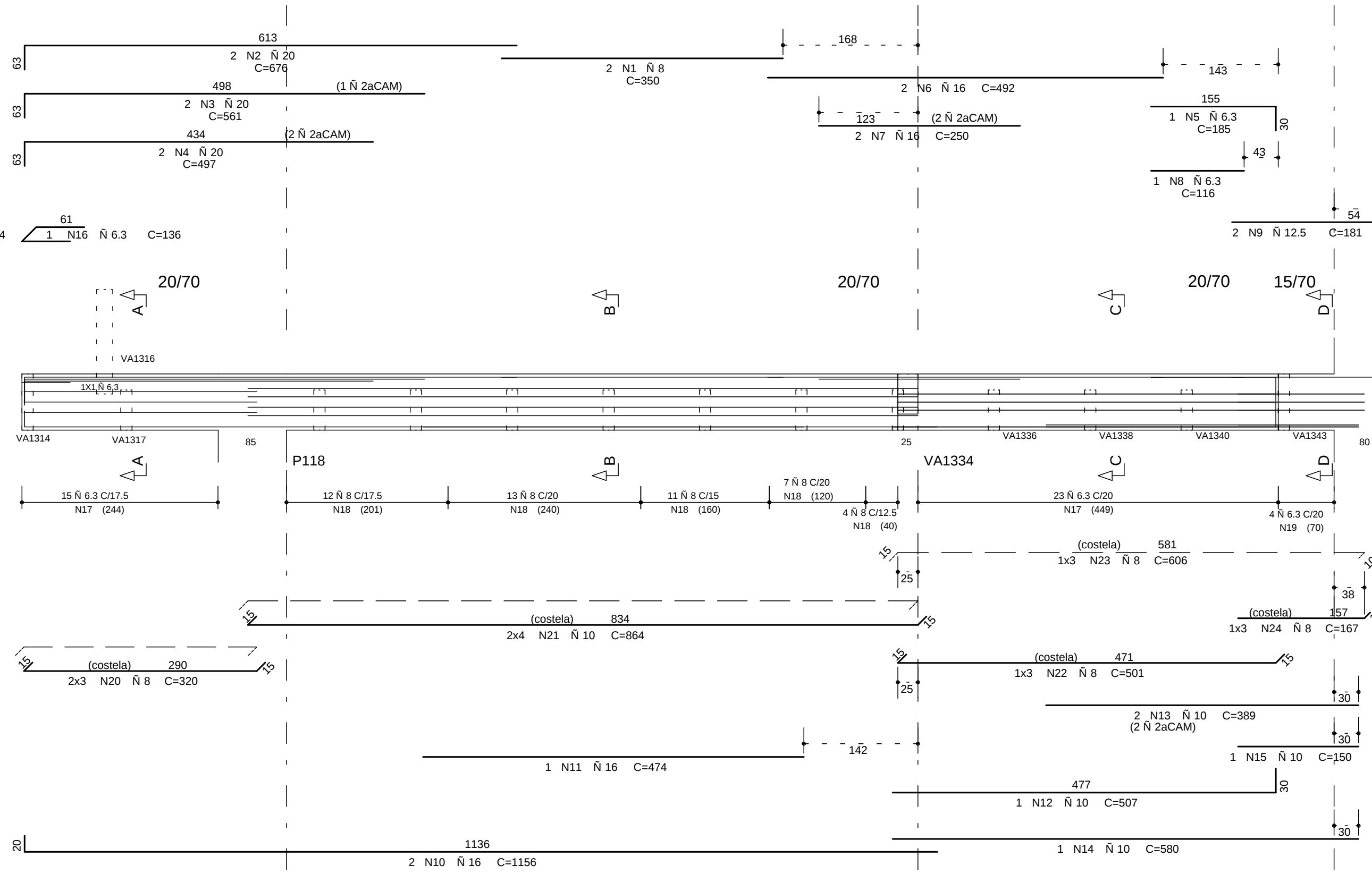
VA1309

14/70



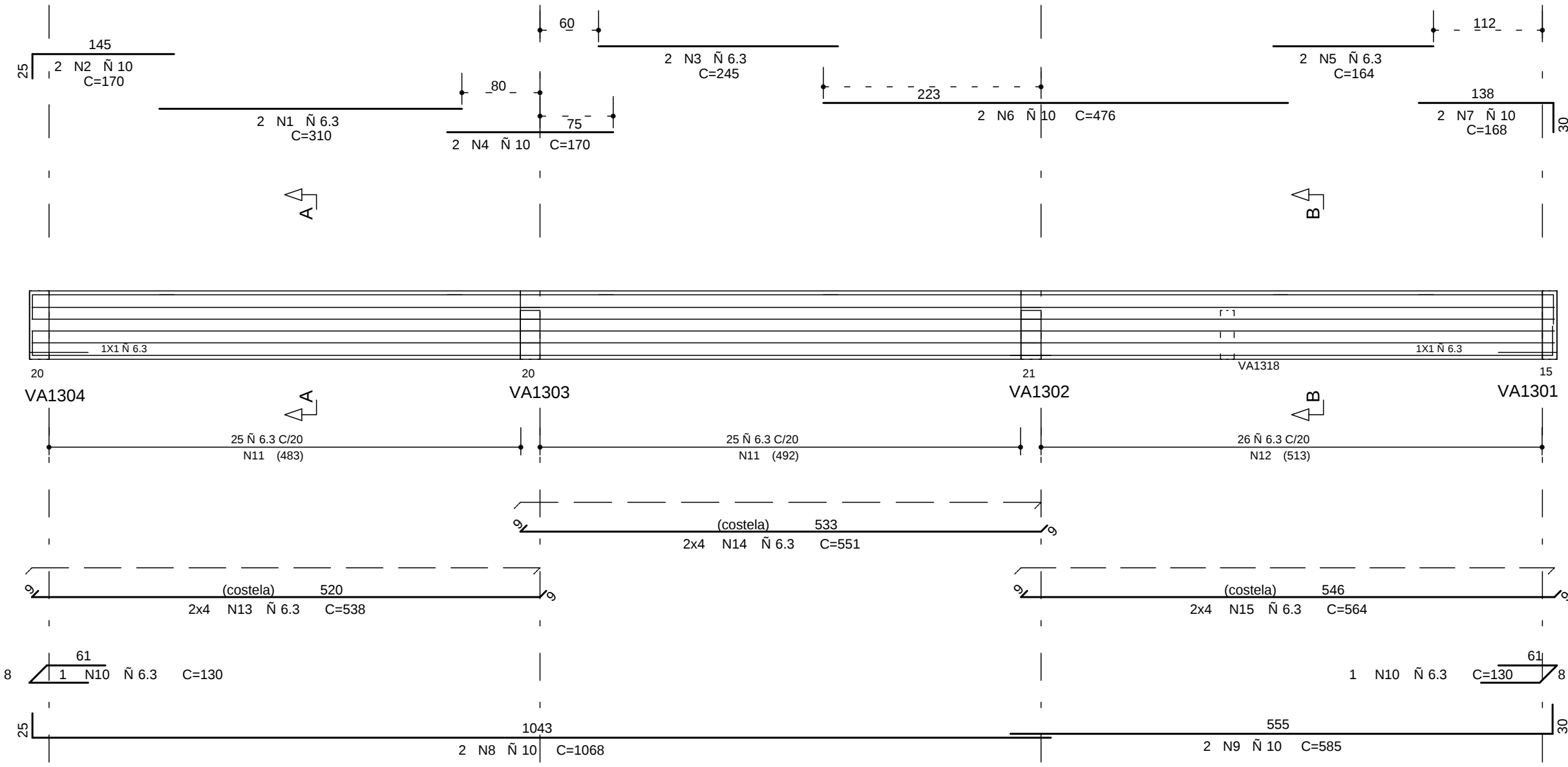
VA1310

VAR/70



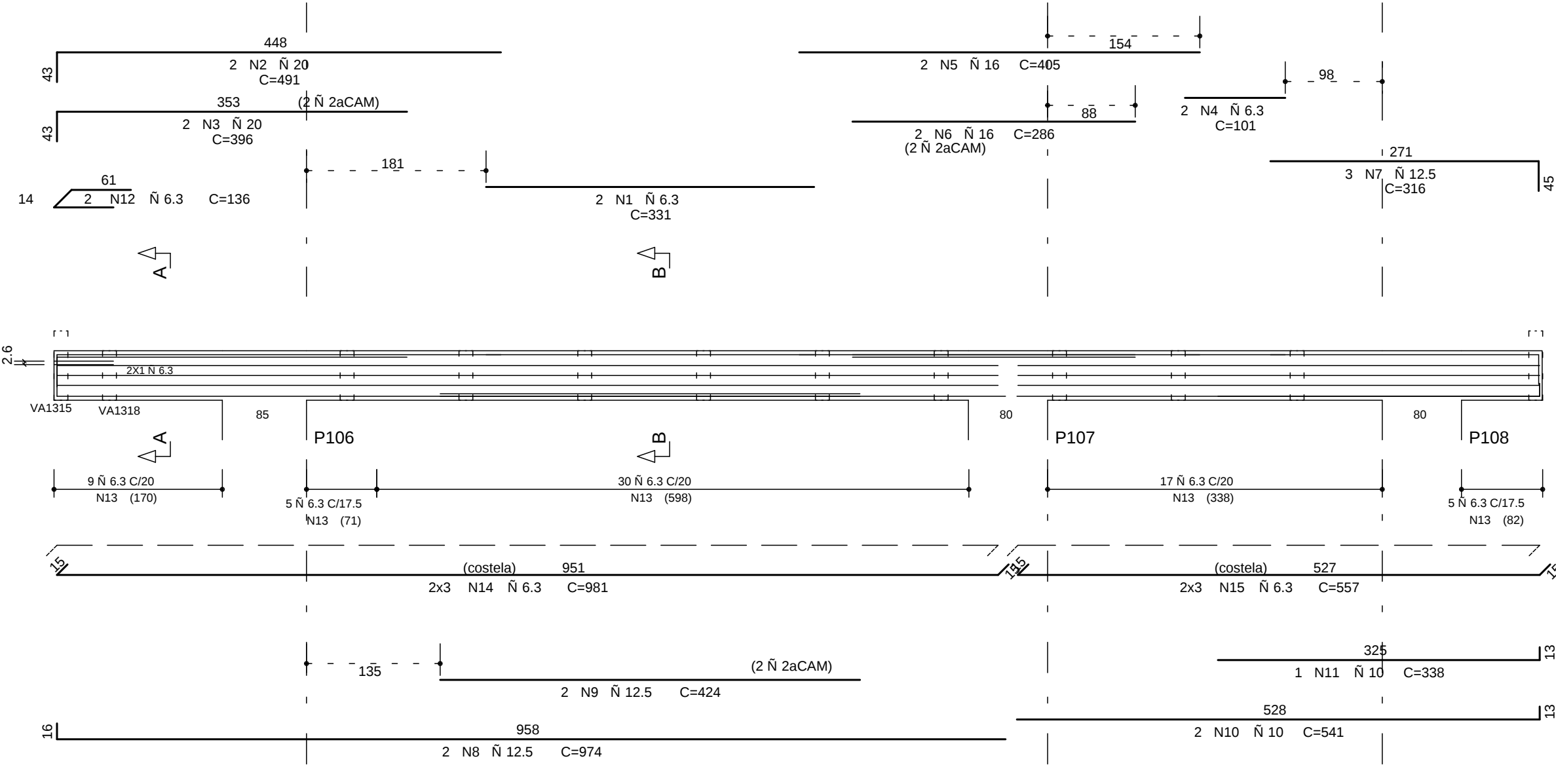
VA1315

14/70



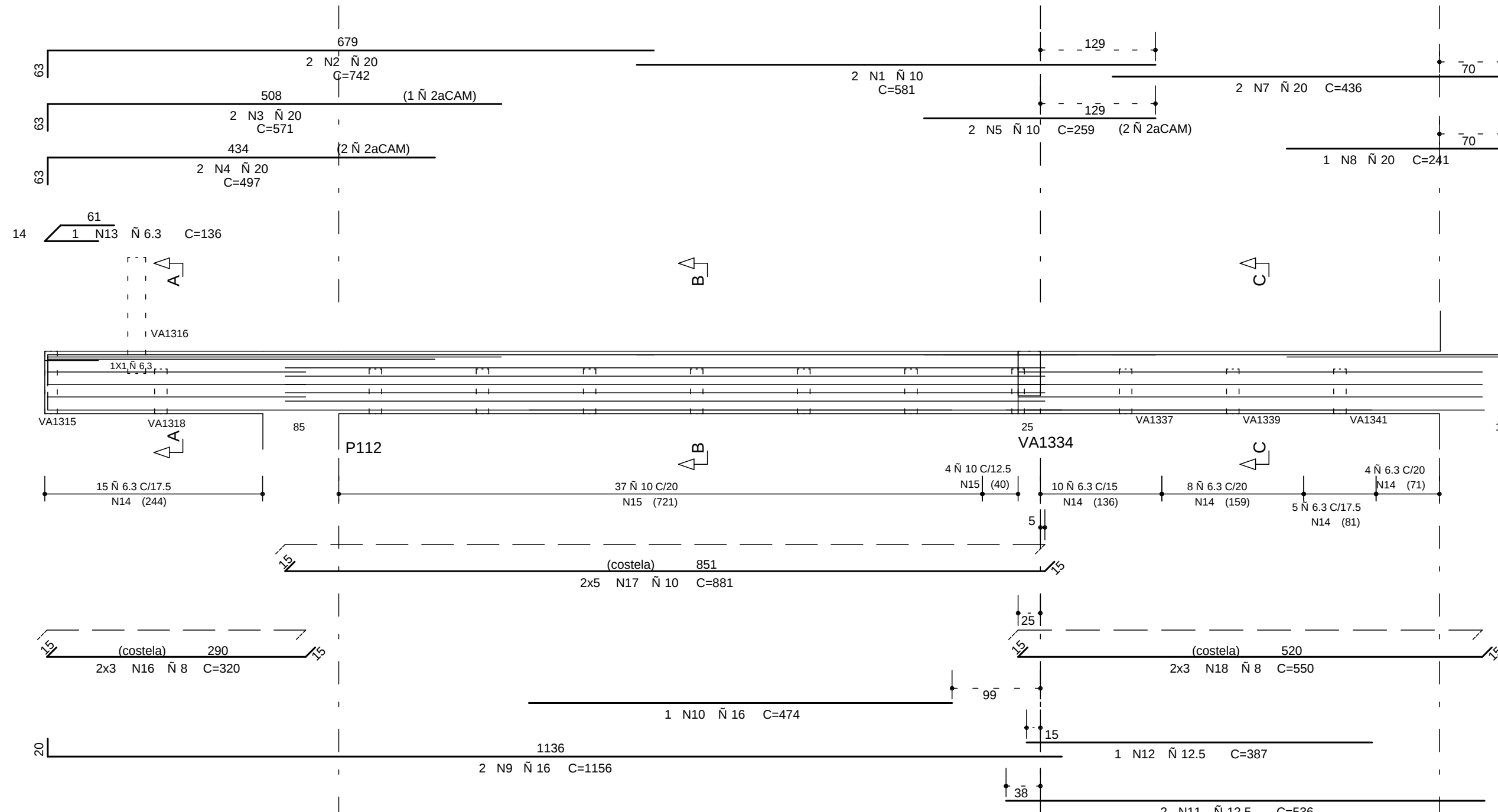
VA1302/VA1312

20/50



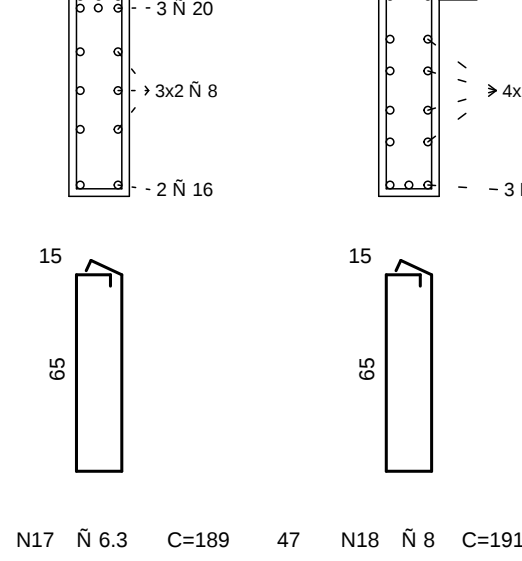
VA1304

20/70



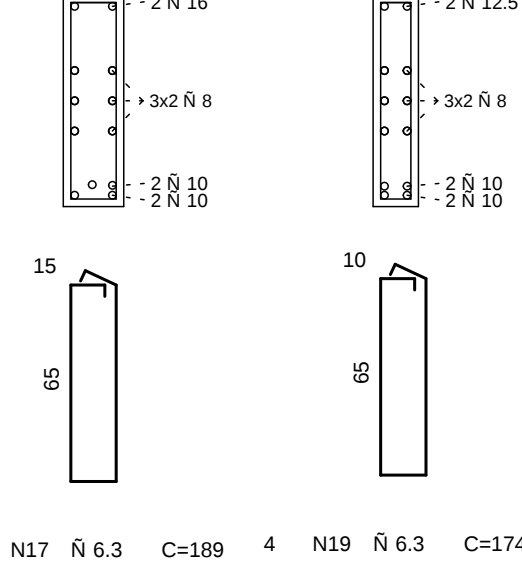
Corte A

Corte B



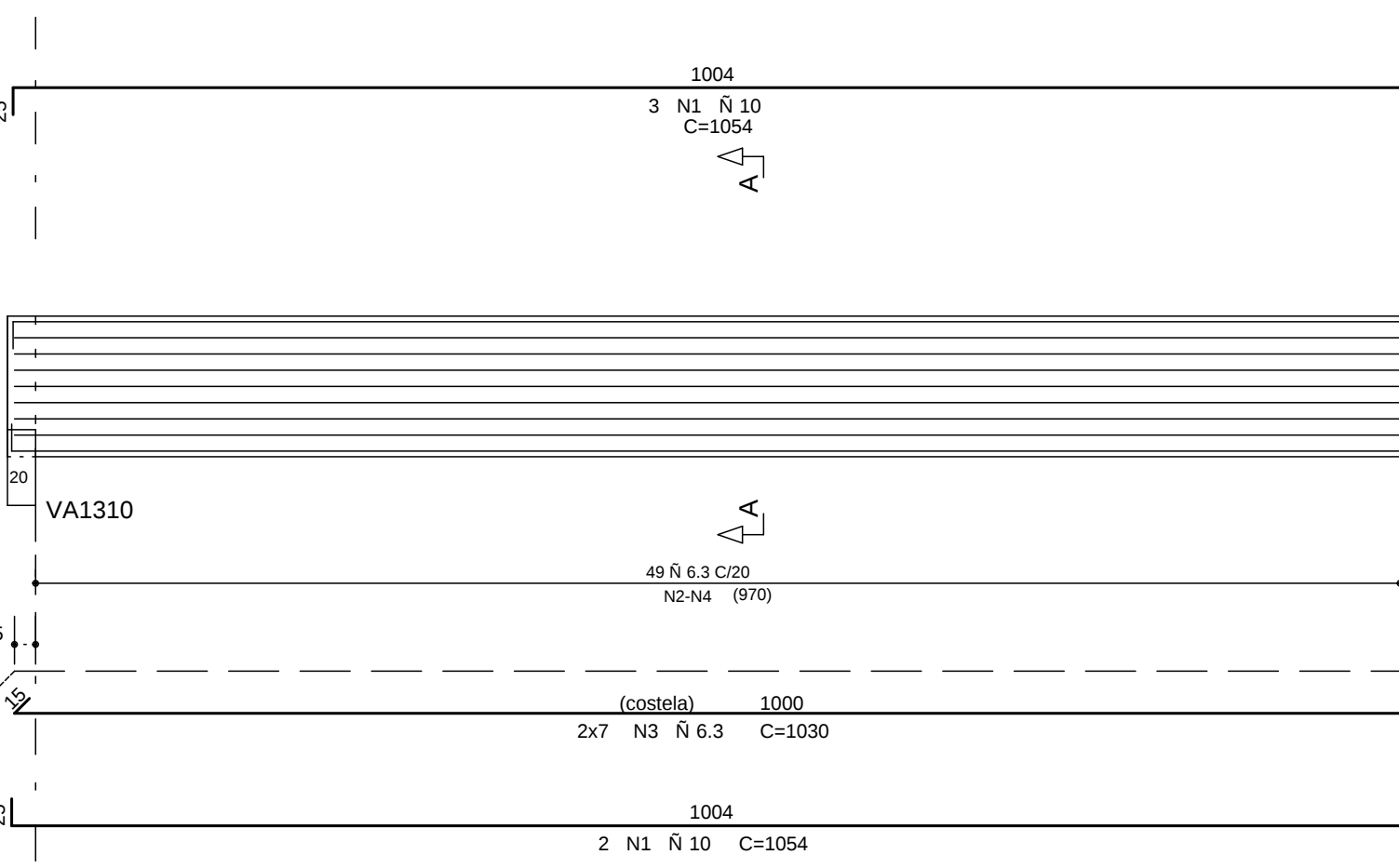
Corte C

Corte D



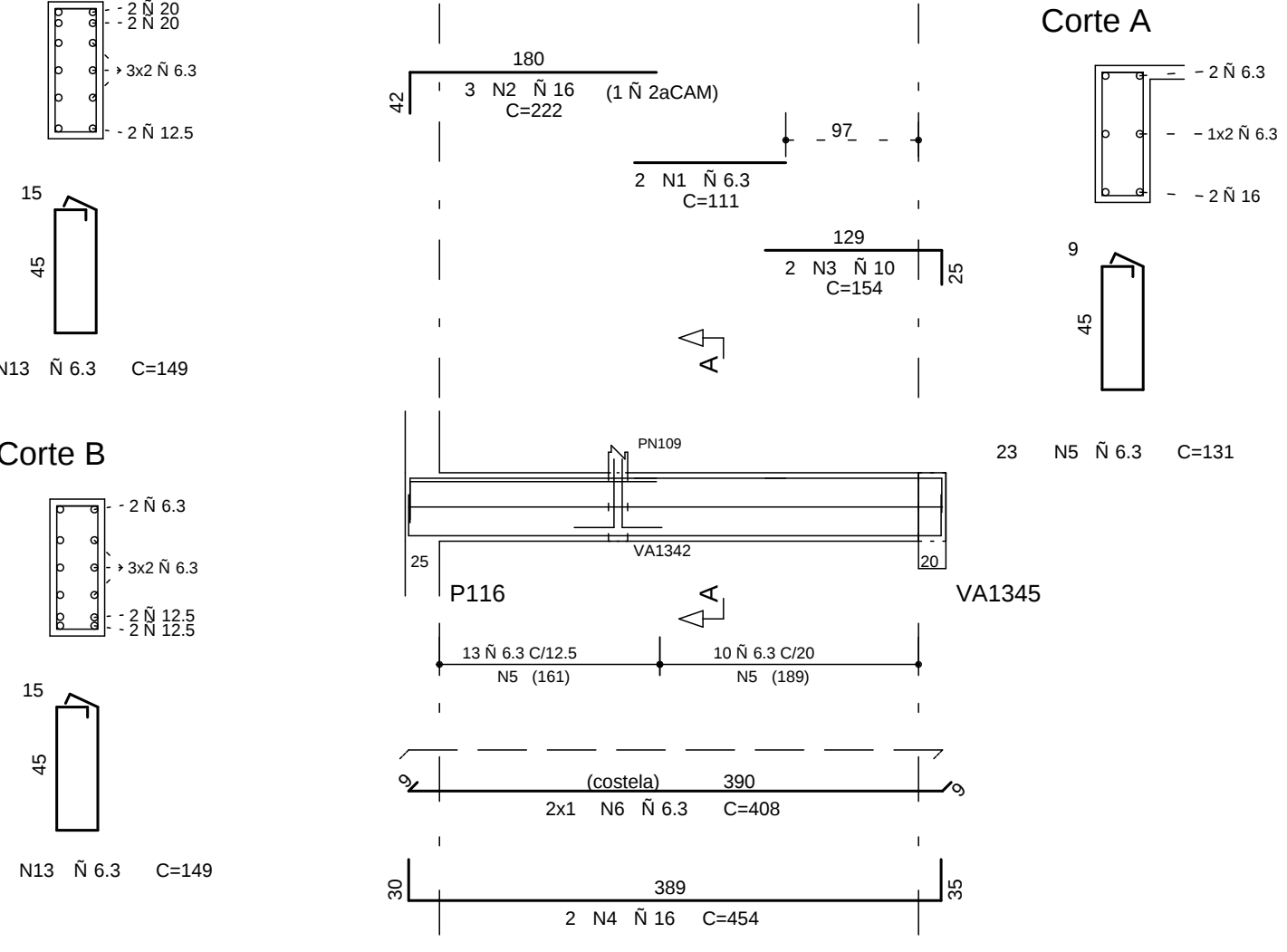
VA1316

20/130



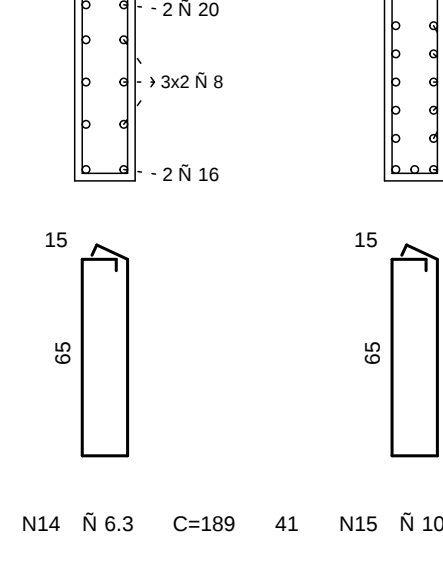
VA1305

14/50



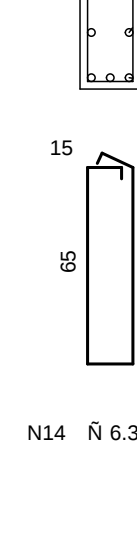
Corte A

Corte B



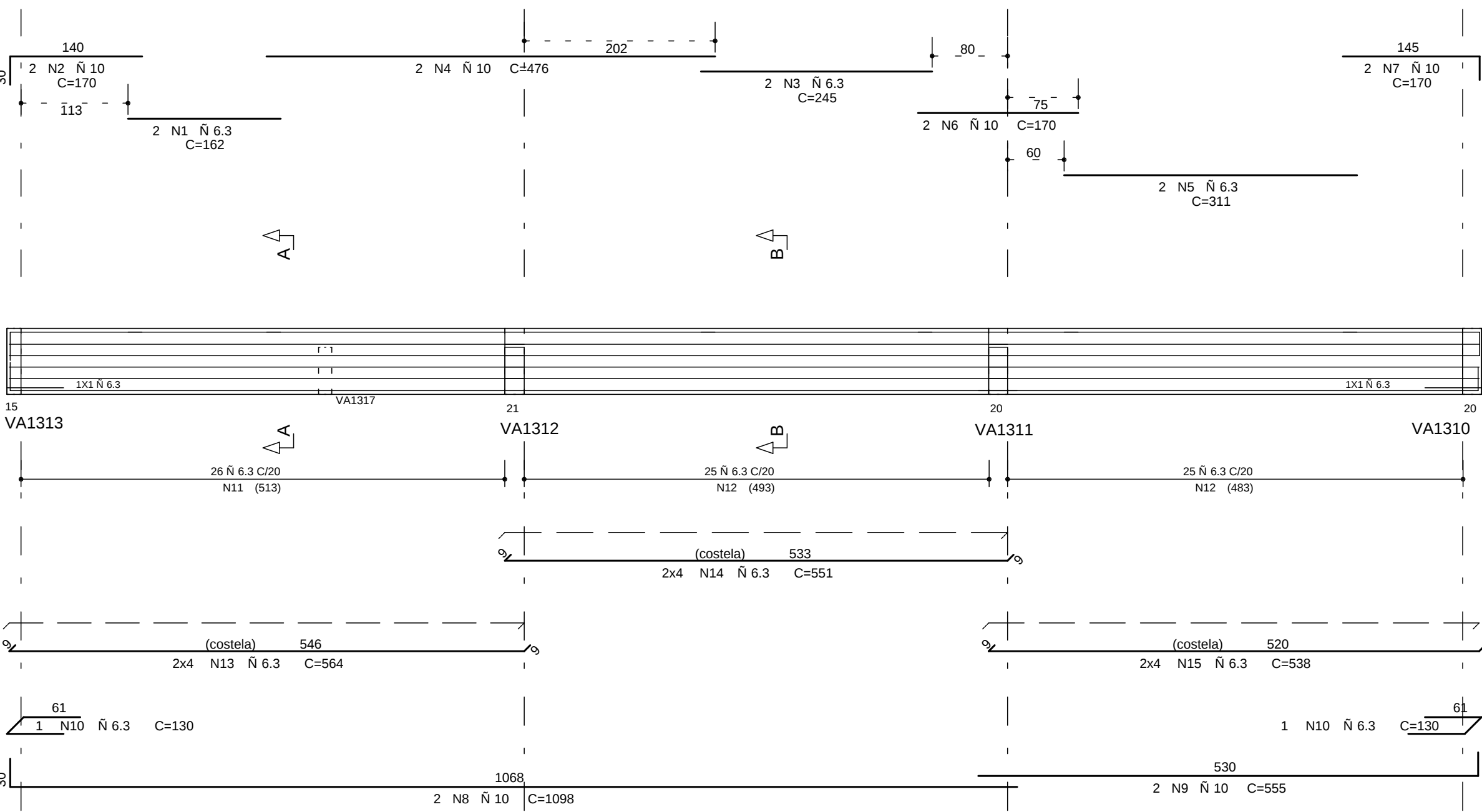
Corte C

Corte D



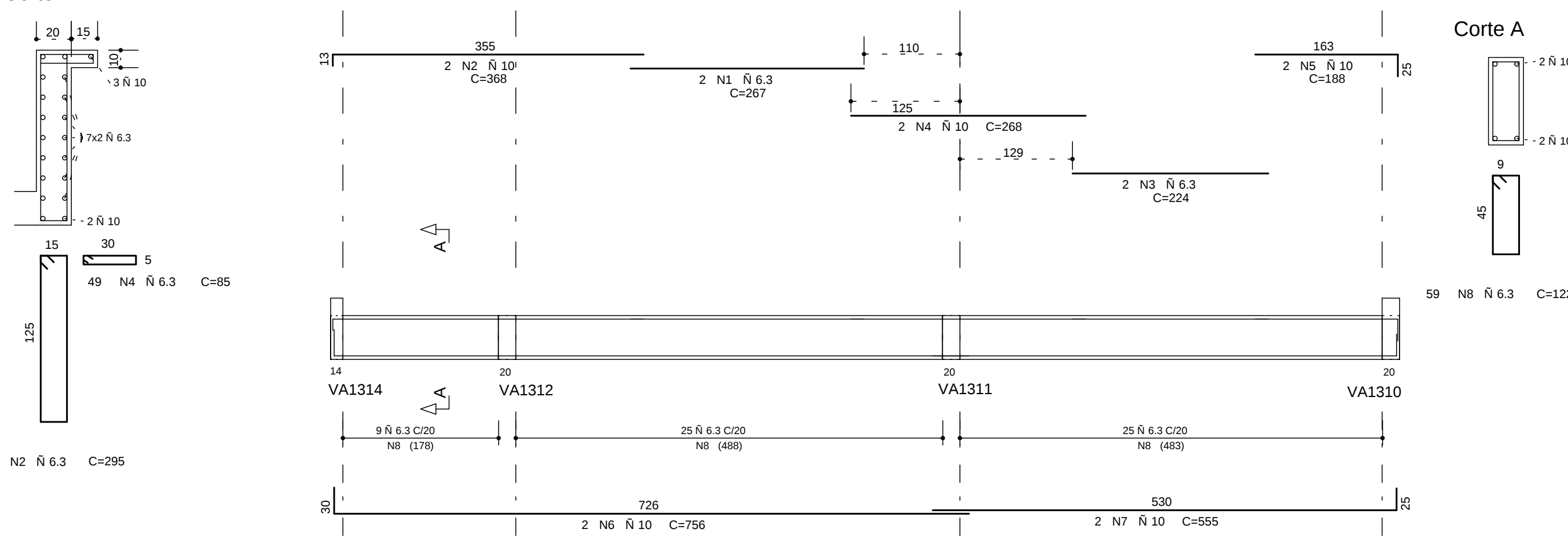
VA1314

14/70



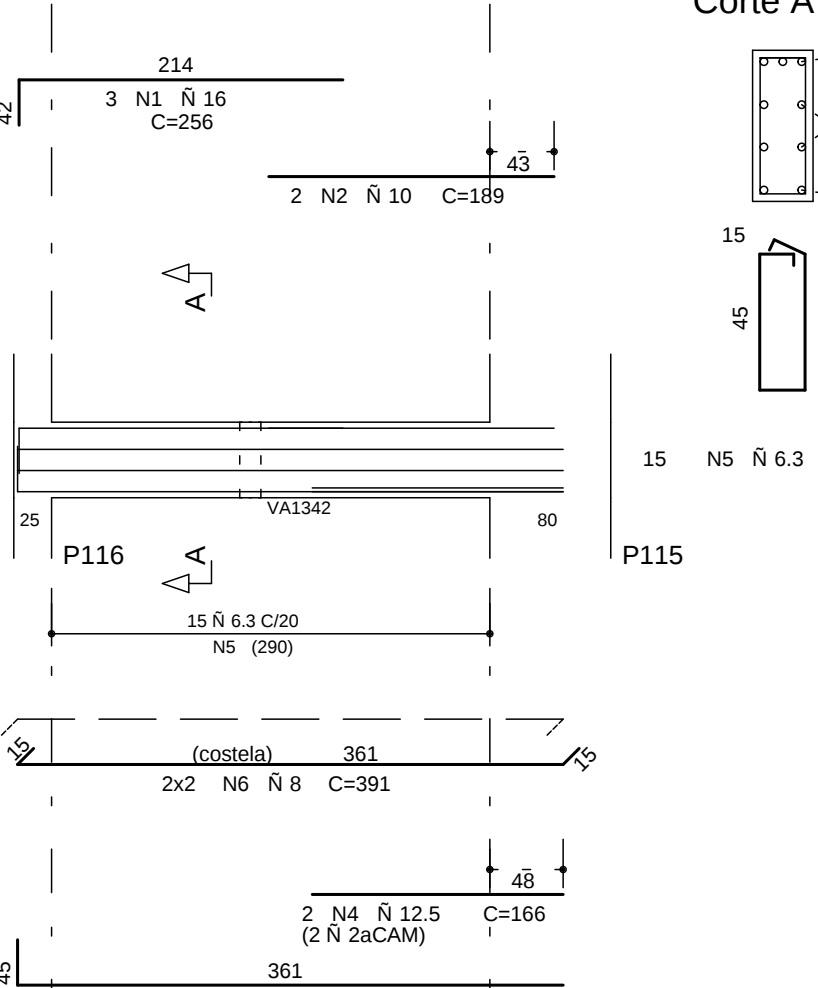
VA1317

14/50



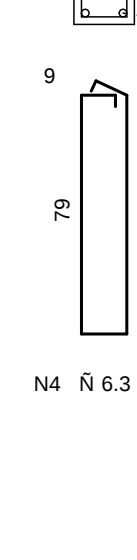
VA1307

20/50



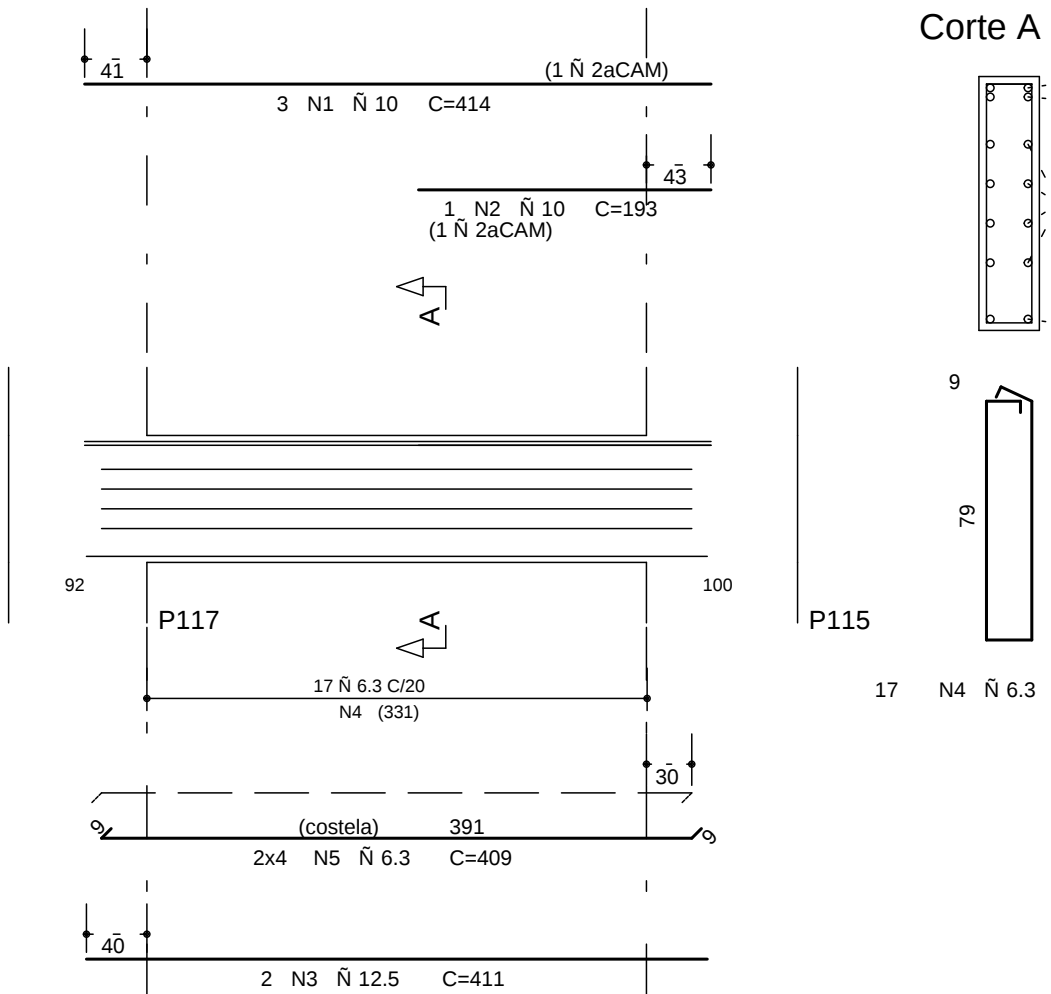
Corte A

Corte B



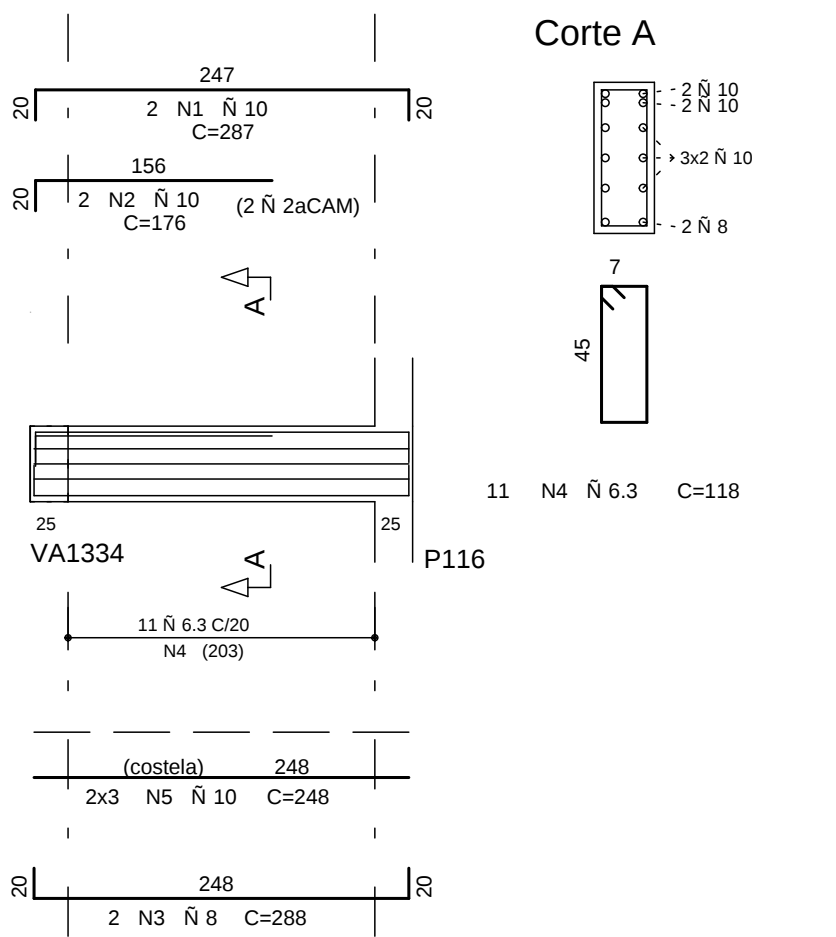
VSEA1301

14/84



VA1306/VA1308

12/50



COBRIMENTO DA ARMADURA:

- LAJES E PILARES = 2,0 cm
- VIGAS E PILARES = 2,5 cm
- BLOCOS,BALDRAMES E CONTENCORES (FACE EM CONTATO COM A TERRA) = 3,0 cm
- 1. ESSSES COMENTARIOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PARELHAS.
- COMENTARIOS ESPECIFICOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DESENHOS DE FORMAS E/OU FUNDAMENTOS.

NORMAS UTILIZADAS:

NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO

NBR-6120/1990 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

INDICE:

VA1301 A VA1317 E VSEA1301

FCK= 35 MPa

EC = 28 GPa (MODULO DE ELASTICIDADE SECANTE AOS 28 DIAS)

A/C = 0,65 (FATOR AGUA CIMENTO)

1	2008/2014	NUMERACAO FINAL
0	18/11/2012	EMISSAO INICIAL
REV	DATA	DESCRICAO
 sinetria Engenharia Engenharia de Projetos e Obras BRASILIA DF CEP 71200-045 End: Rua 30 Norte Lote 03 sinetria@sinetria.eng.br		
PROJETO ESTRUTURAL		
CLIENTE:	GENT INCORPORADORA LTDA	
OBRA	ED. RESIDENCIAL/COMERCIAL PANEIRAS	NO OBRA:
ENDERECO OBRA:	RUA 30 NORTE LOTE 03 - RUA DAS PANEIRAS - AGUAS CLARAS DE	
DESCRICAO:	ARMACAO DAS VIGAS - TORRE 1 - JUNTA A COBERTURA 9o PAVIMENTO (01/02)	OBJETO NO: BL1-087-090
RESPONSABIL:	PROJ. PRISCILLA	DATA 16/11/2012
ESCALA	1:50	UNIDADE CM
ARQUIVO:	478-EST-BL1-087-090 -R01-VIG PLT	NO PROJ. SINETRIA 478
PROPRIETARIO:	RESPONSABIL TECNICO	
RESPONSABIL TECNICO PELO PROJETO ESTRUTURAL		
SINETRIA ENGENHARIA E PROJETOS S/C LTDA		
C05A2720MF		

	AE D	POS	BIT	QUANT	COMPLEMENTO	UNIT	TOTAL
VA1301/VA1313							
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BAR	3	14	2	184	184		
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