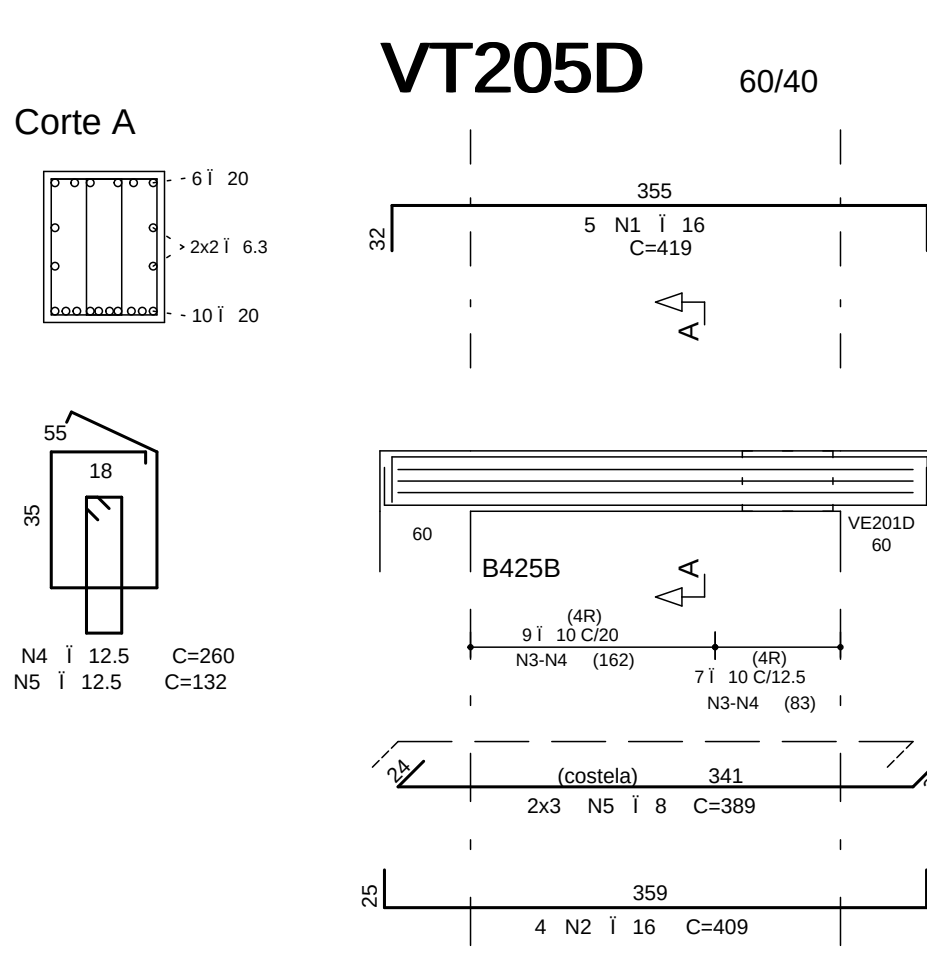
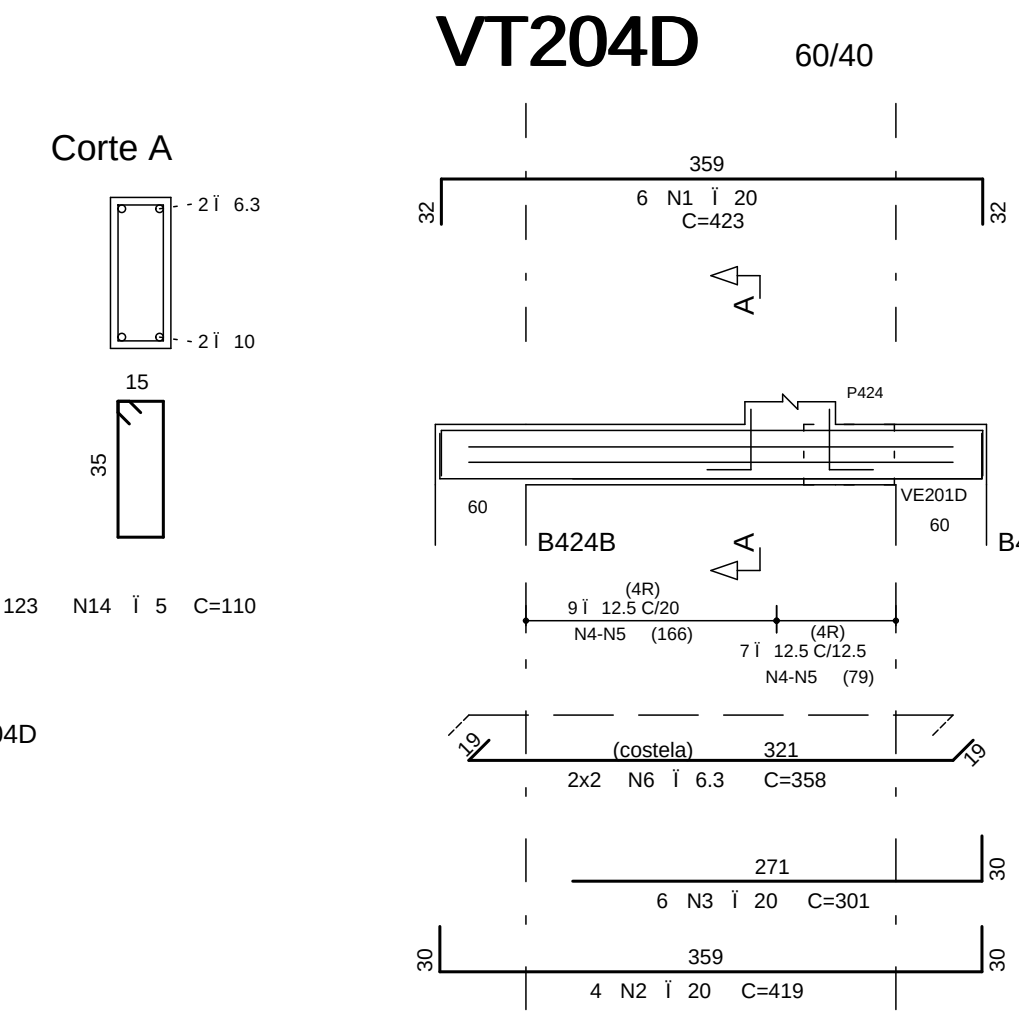
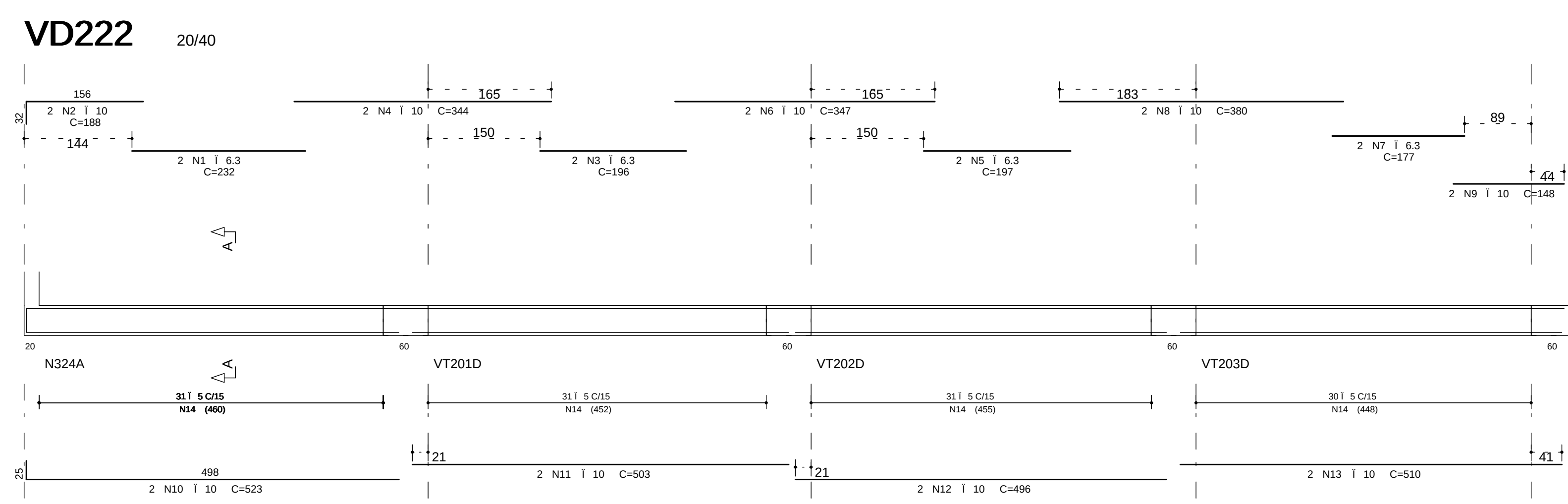
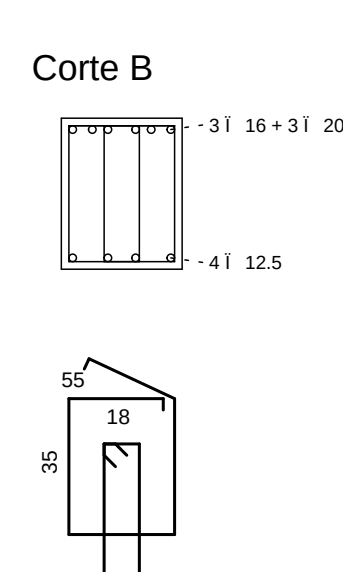
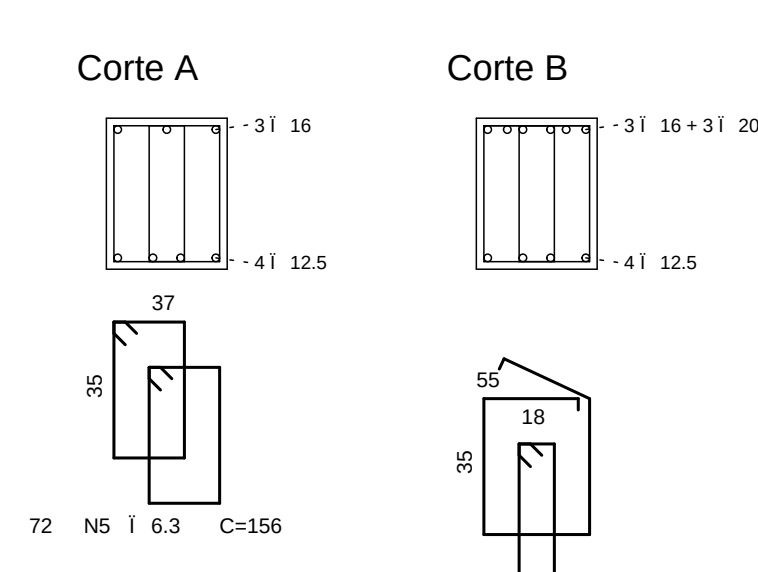
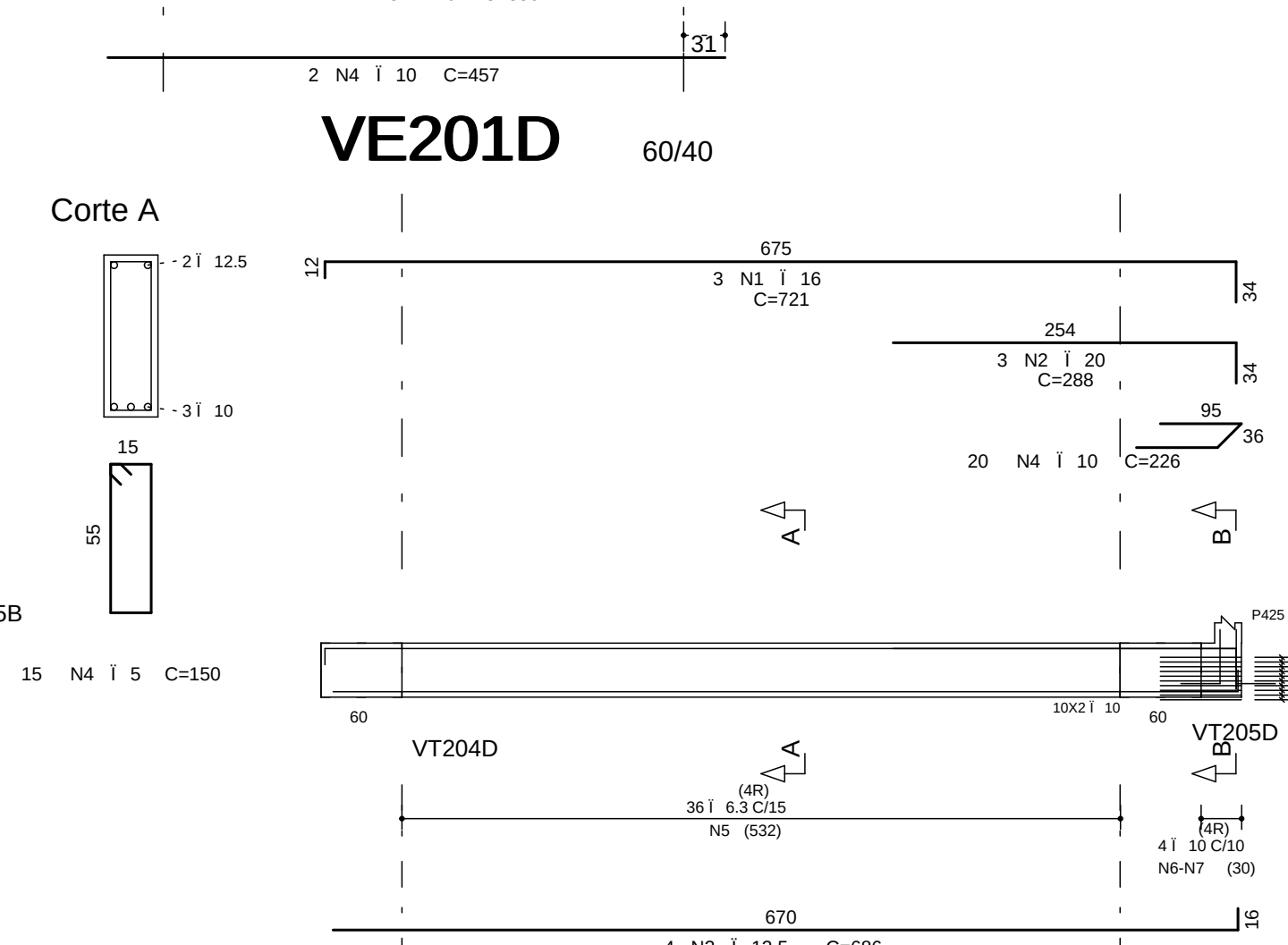
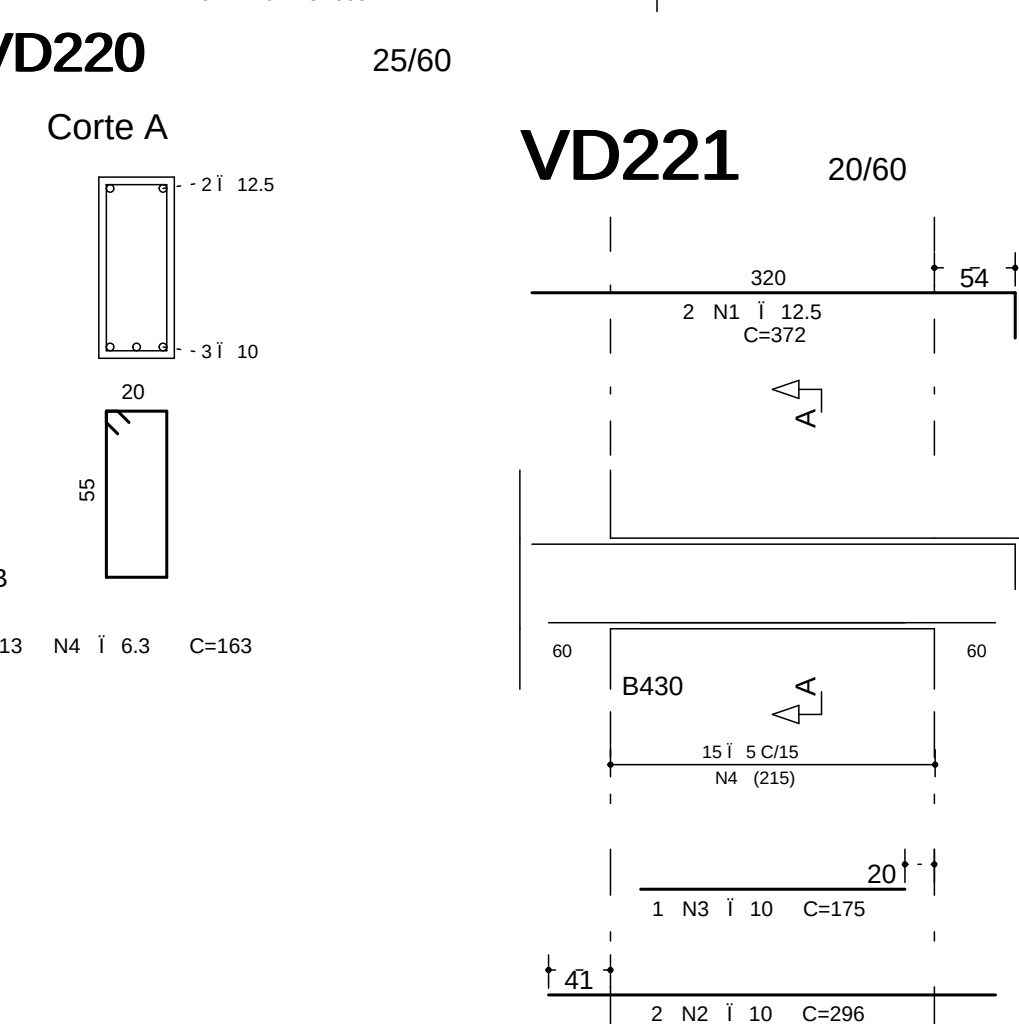
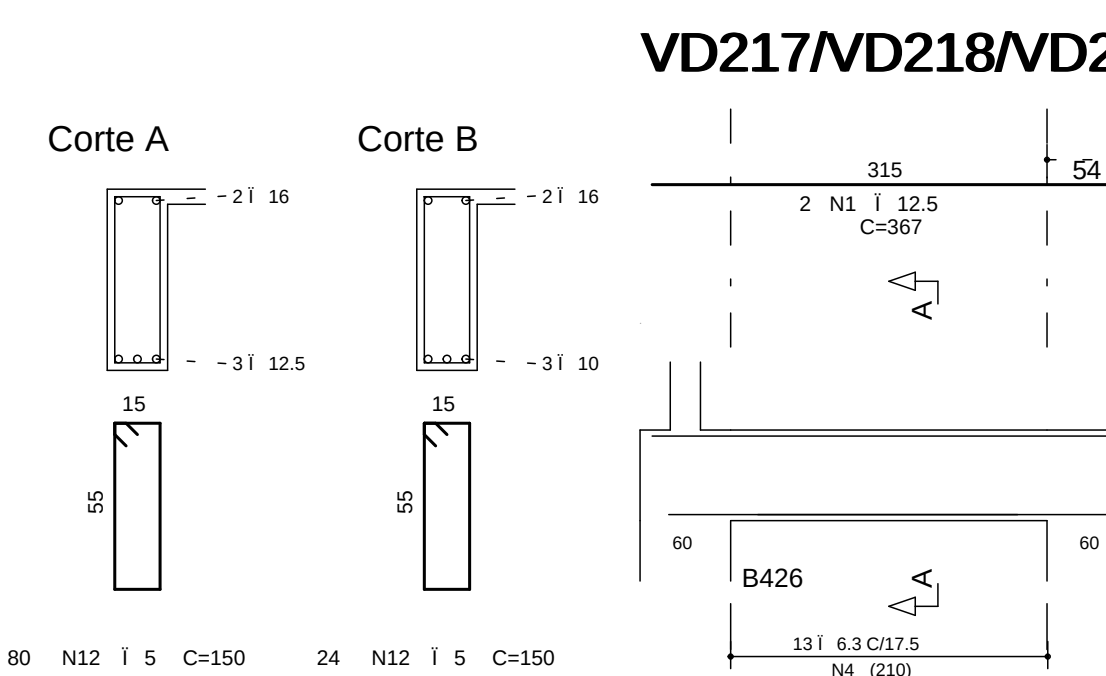
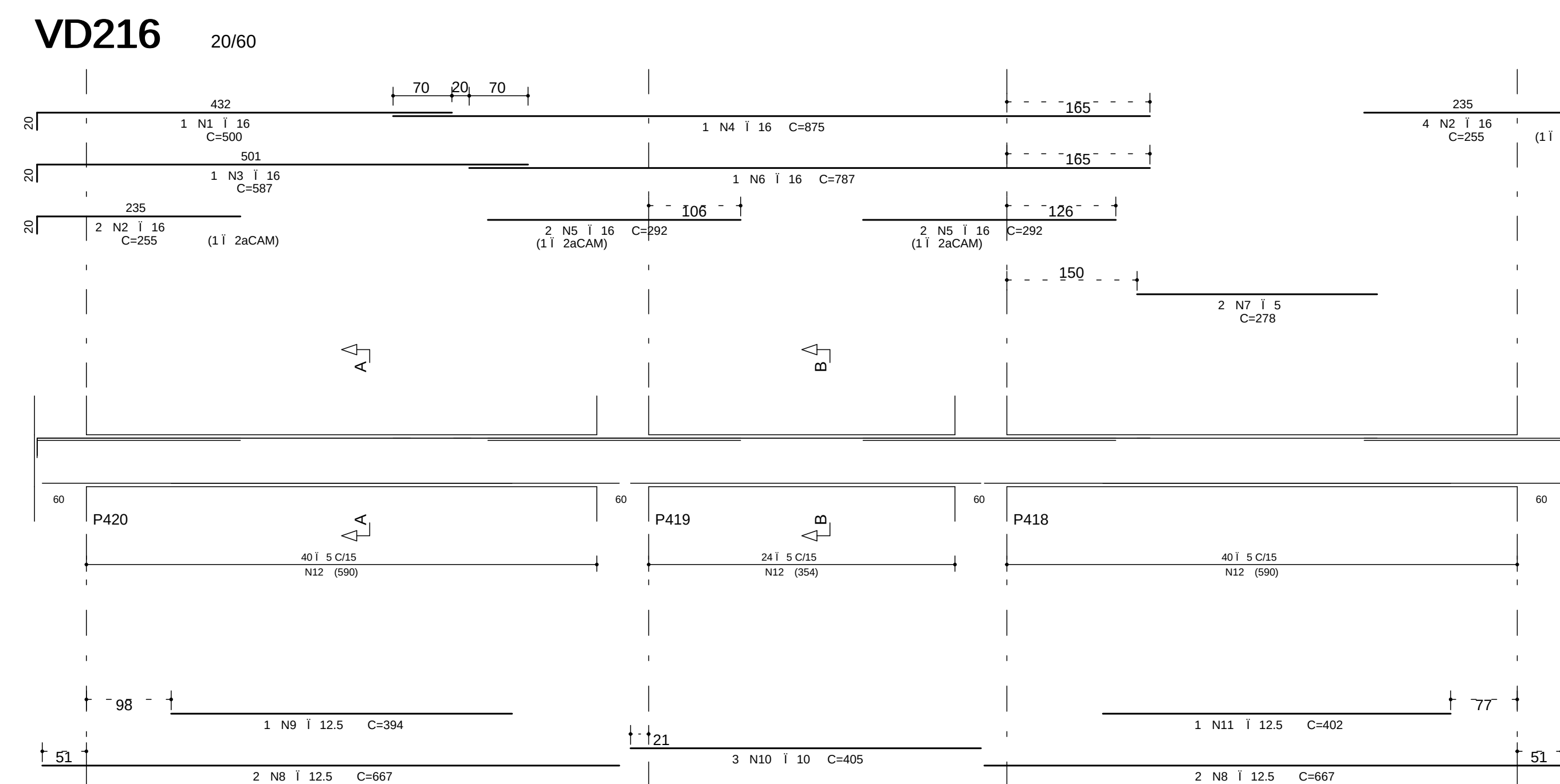
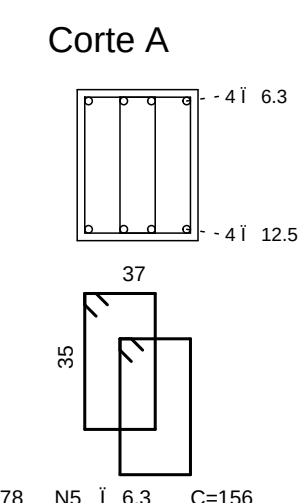
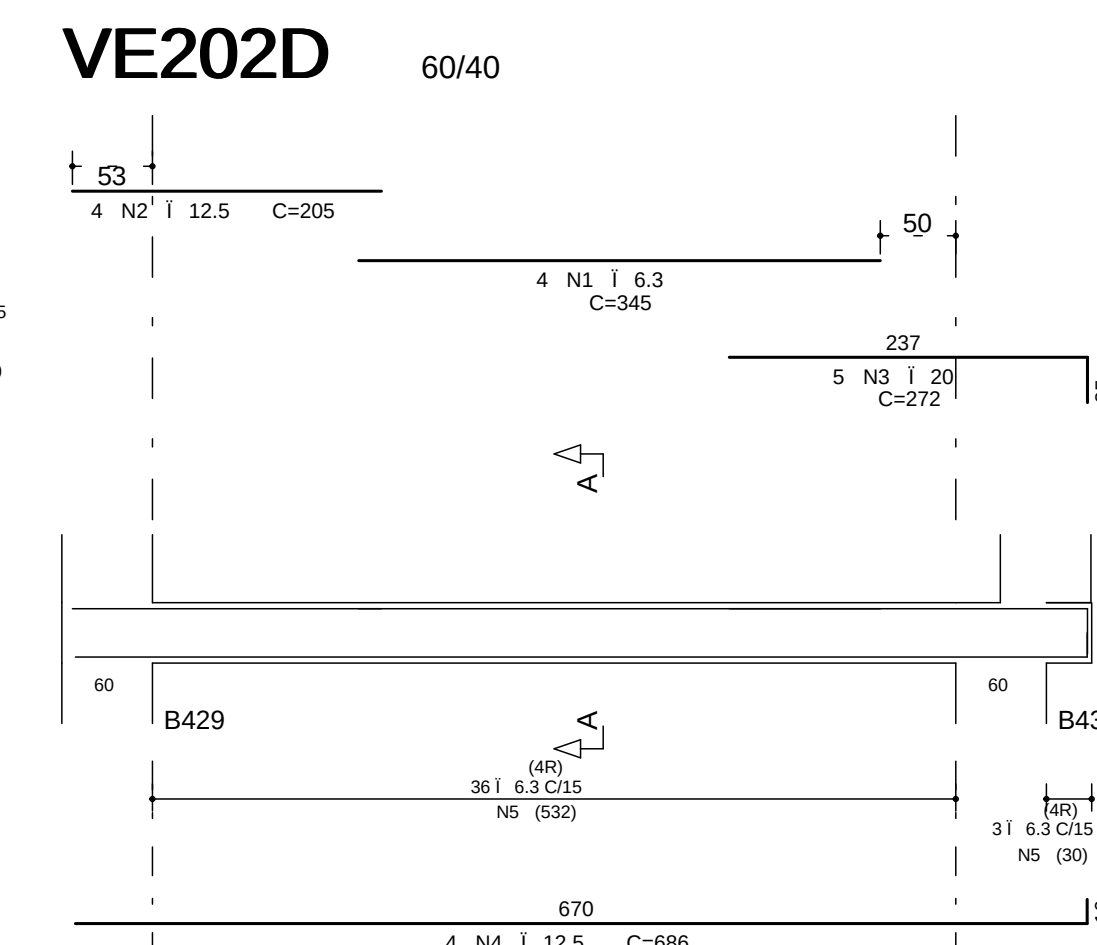
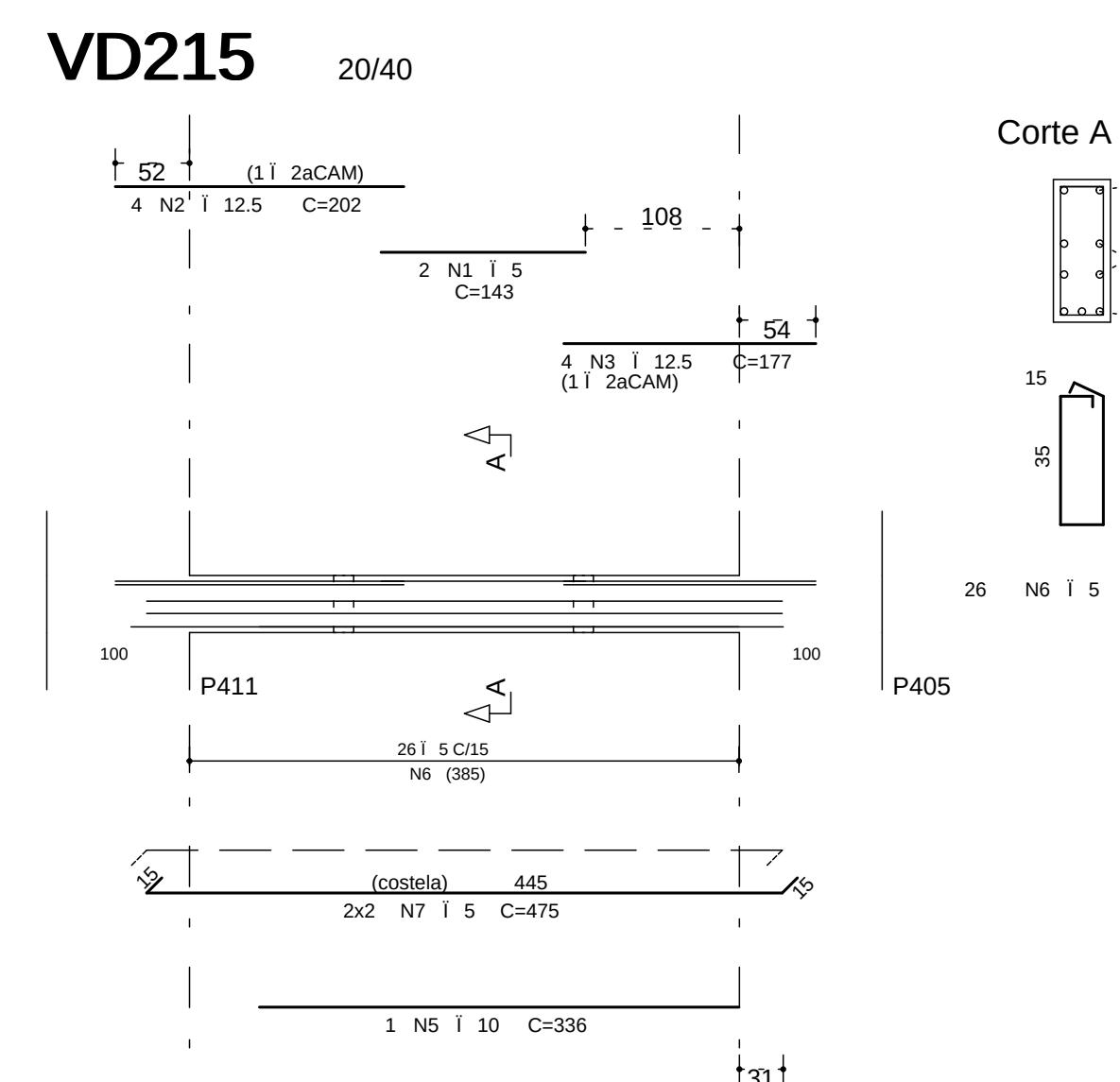
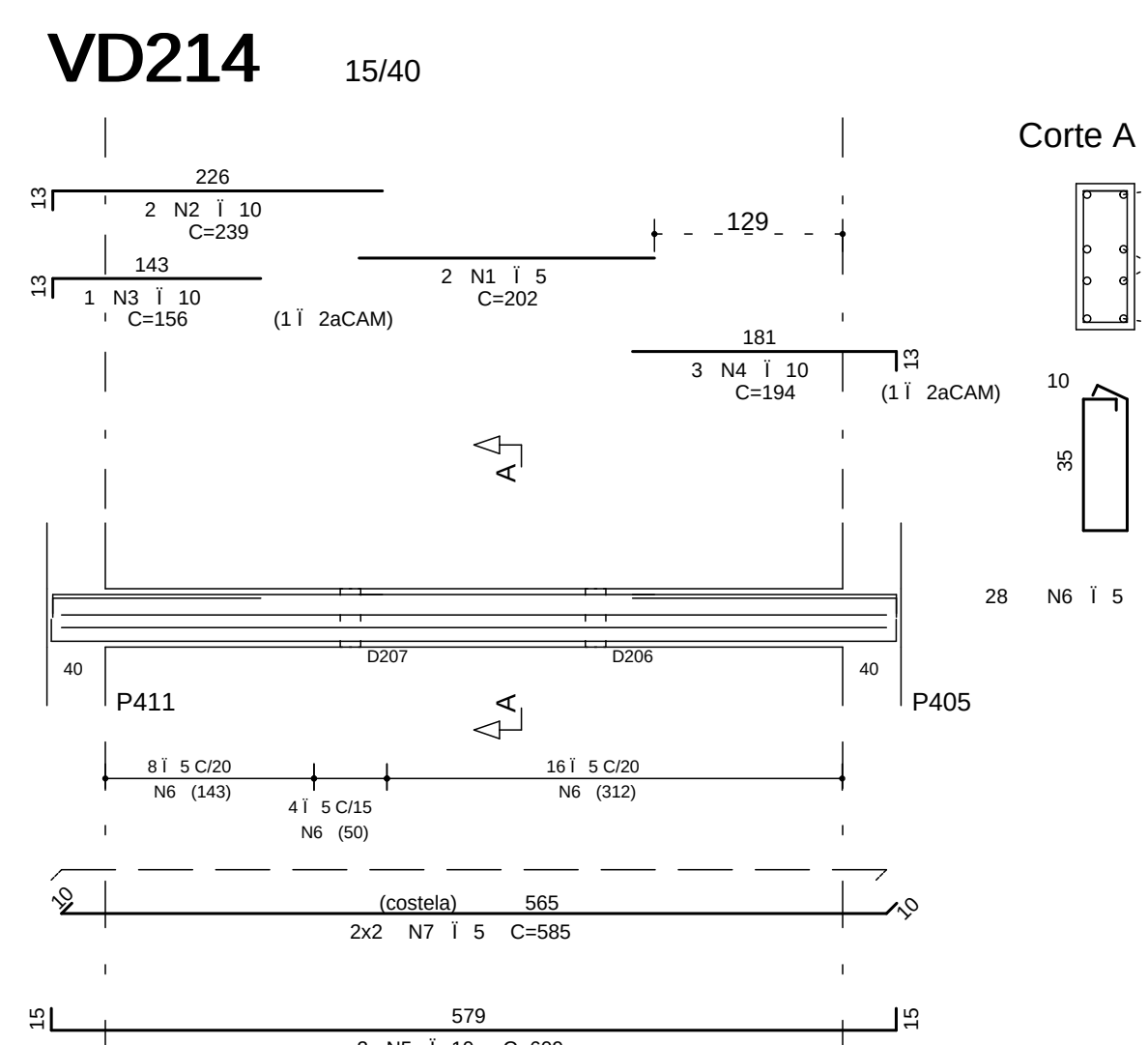
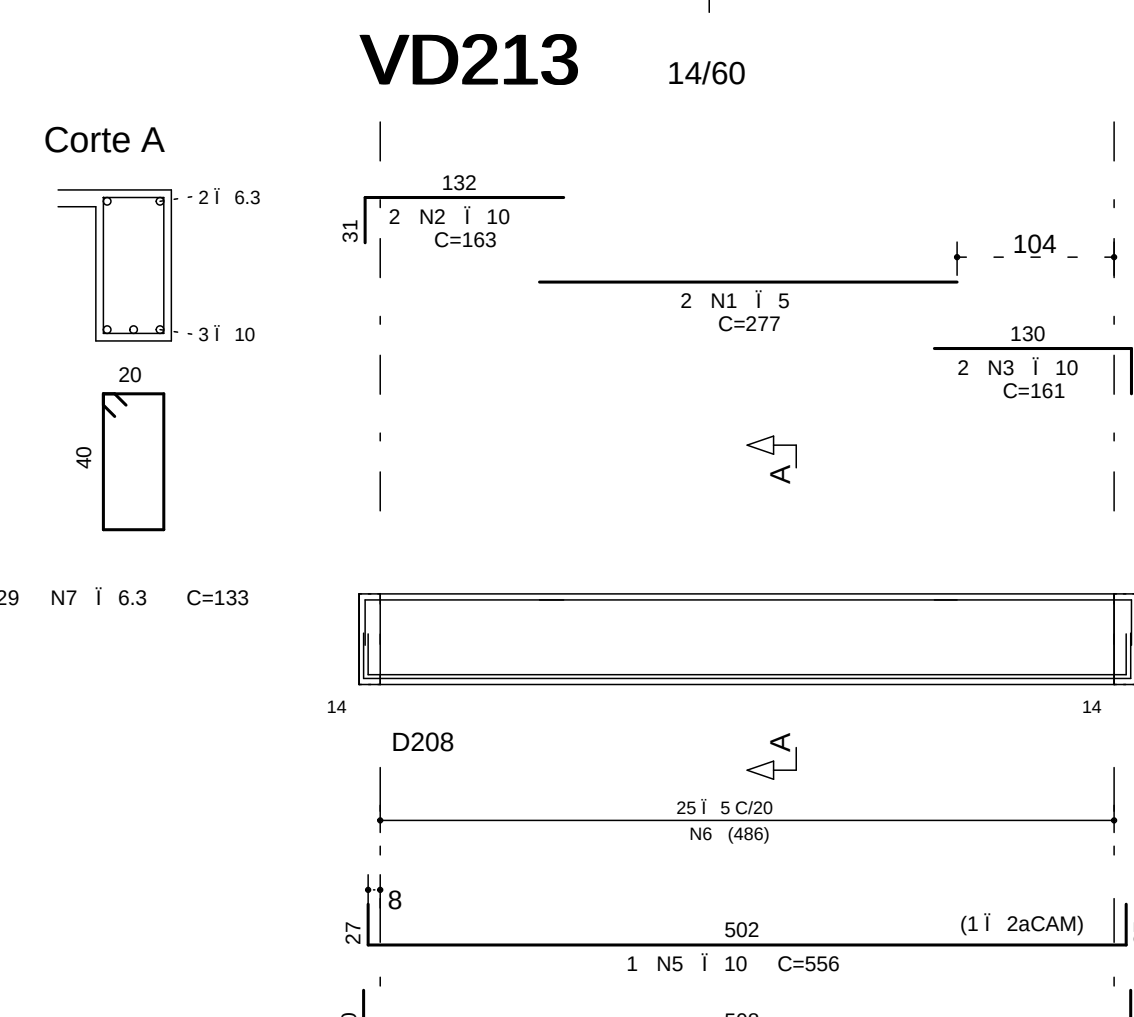
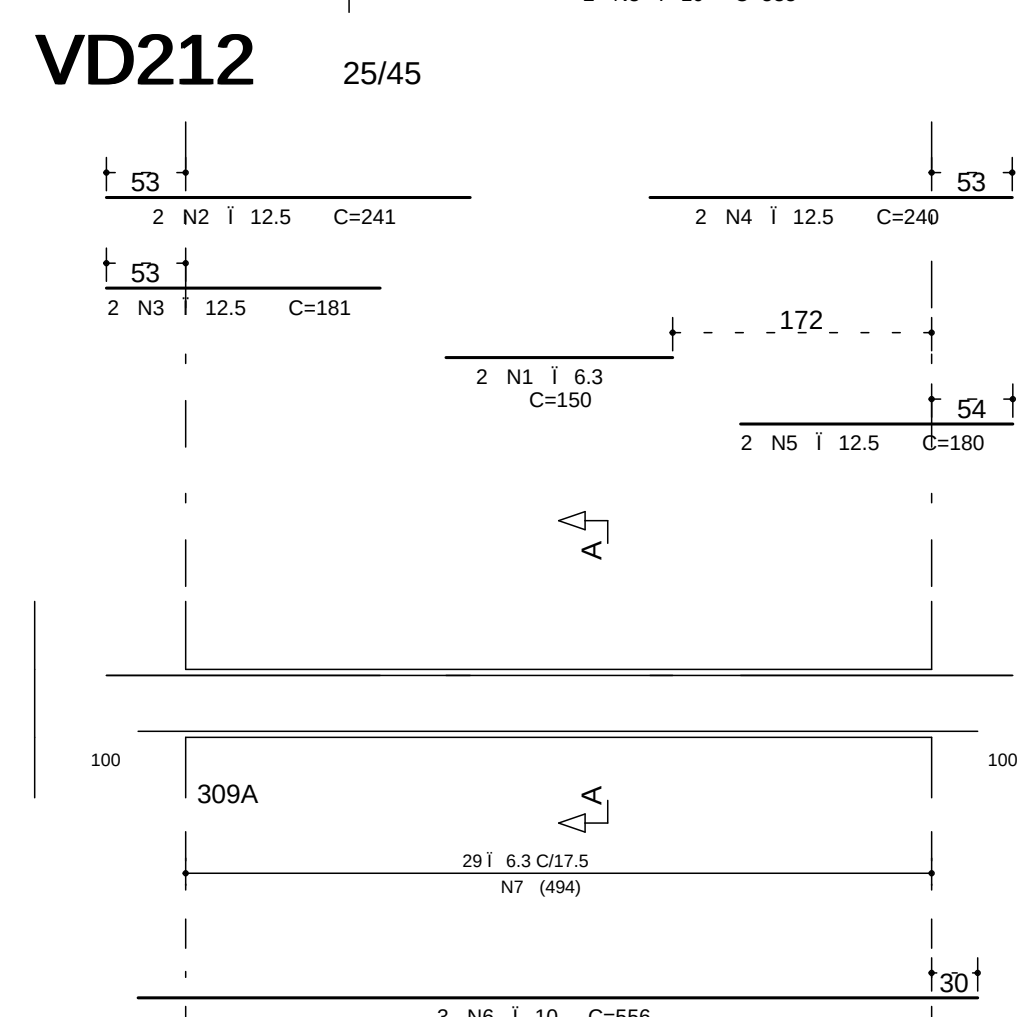
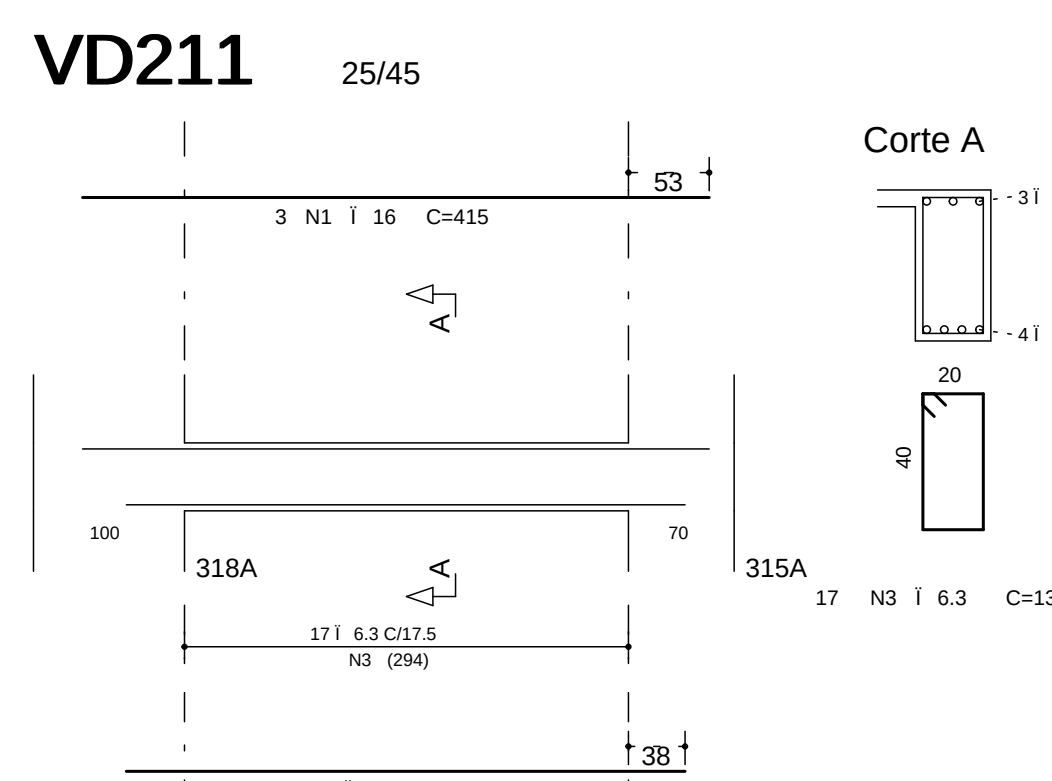
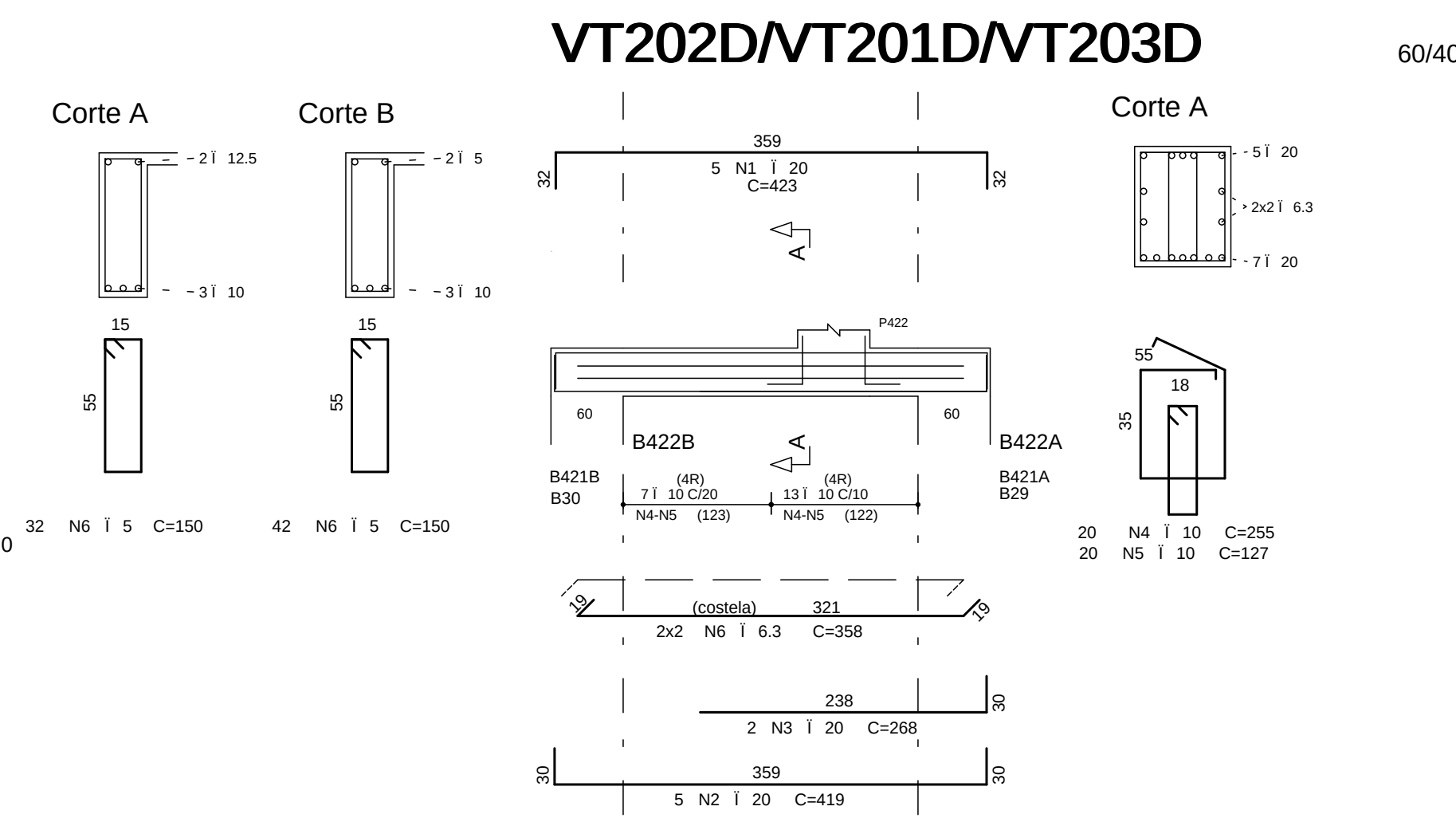
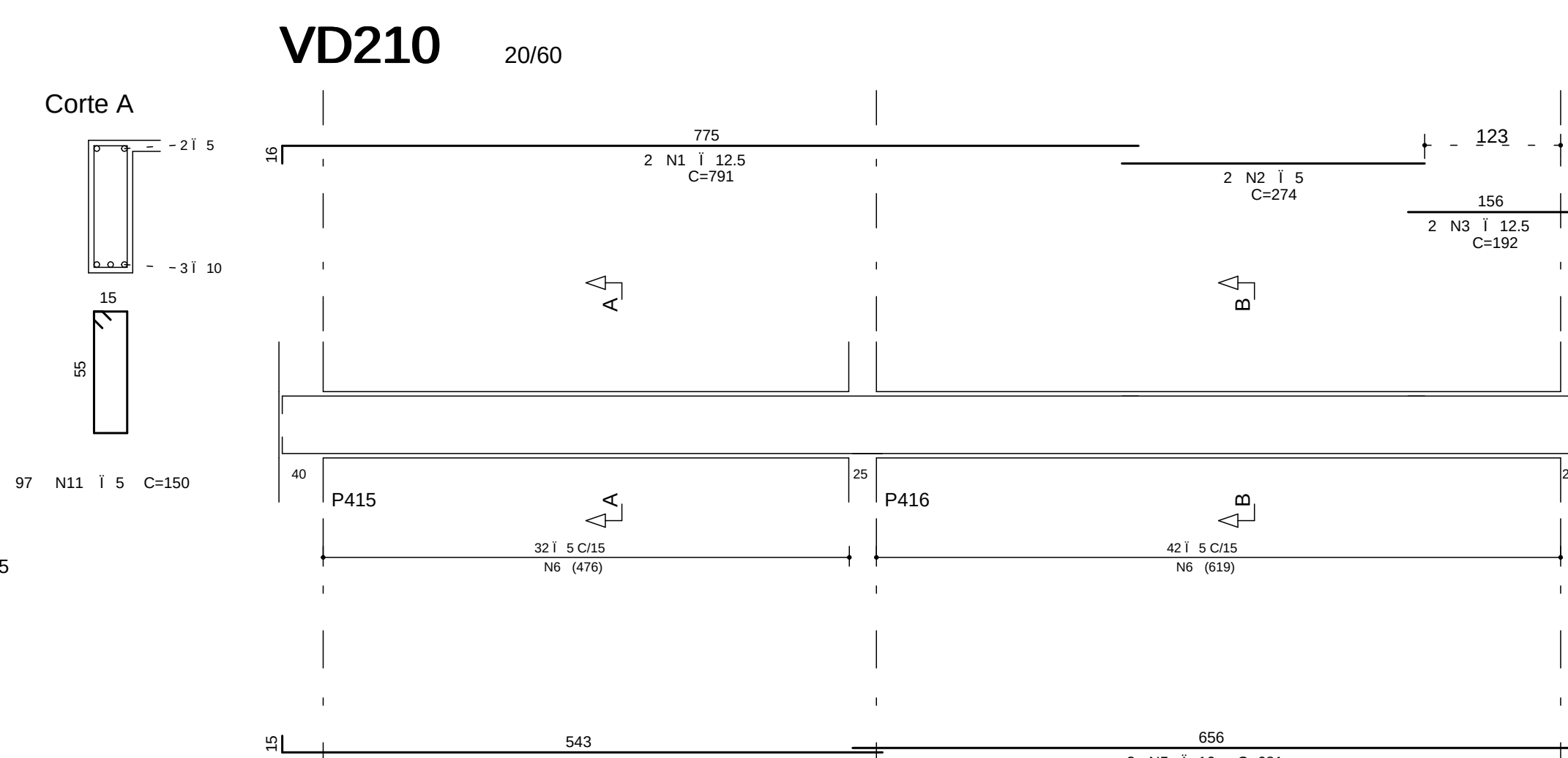
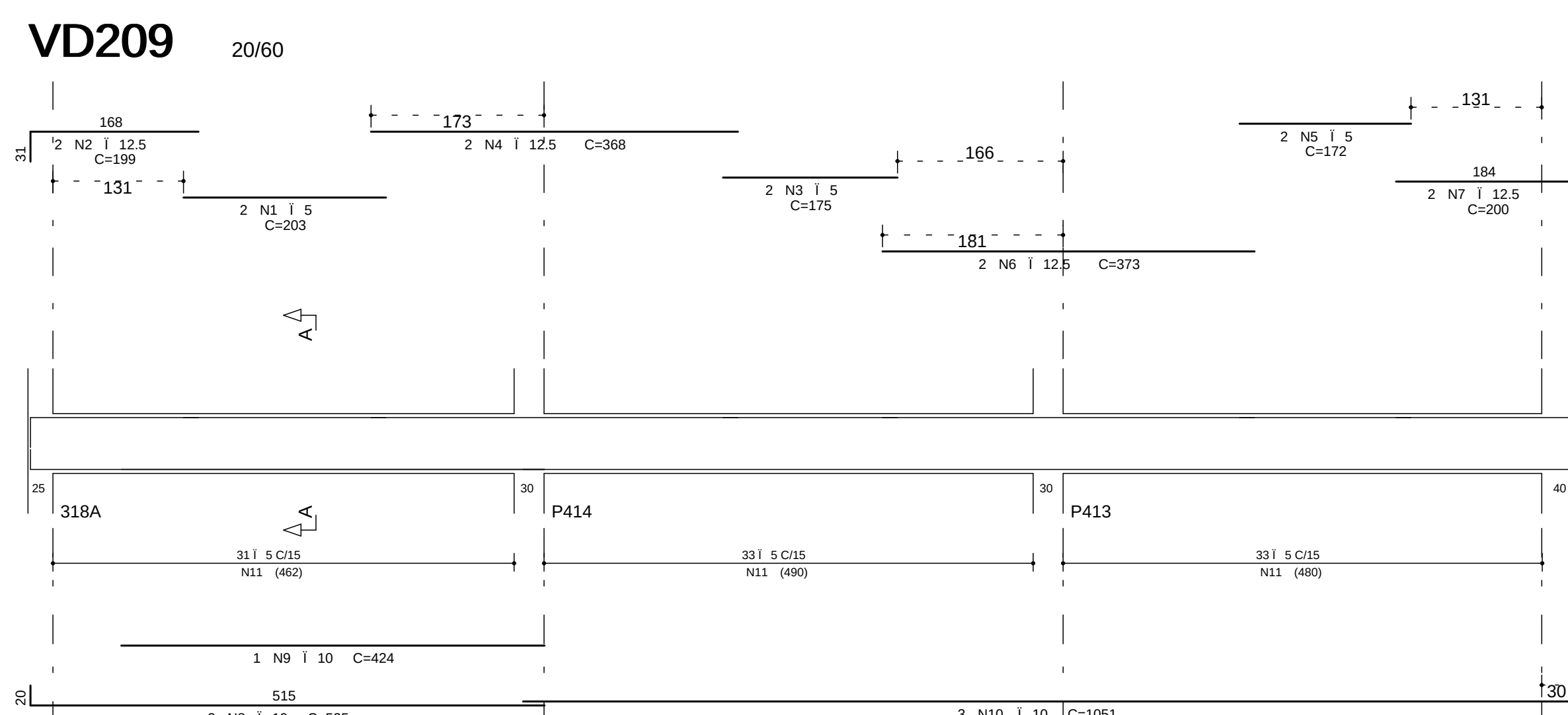
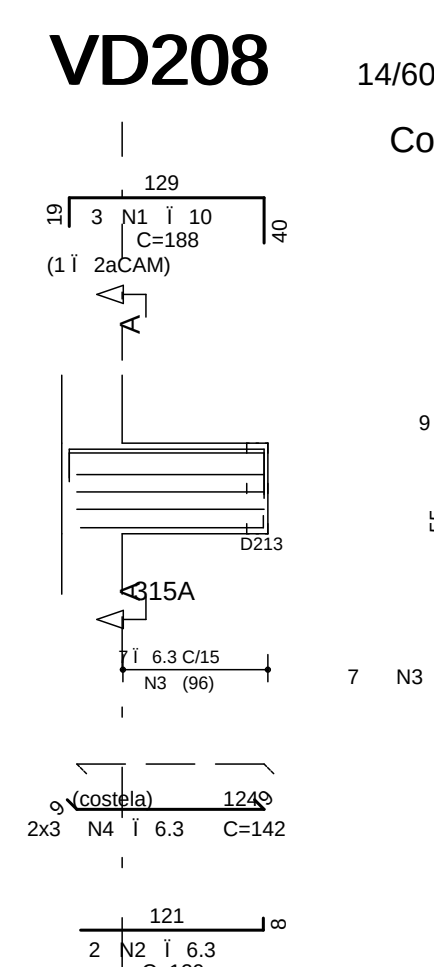
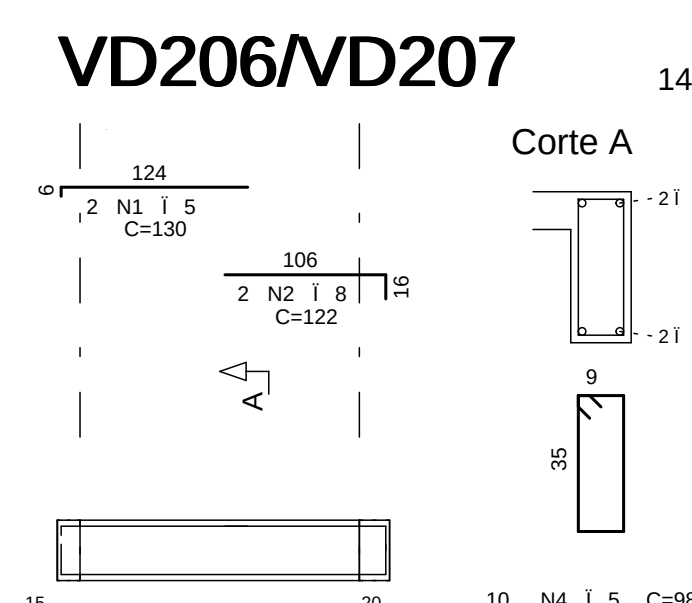
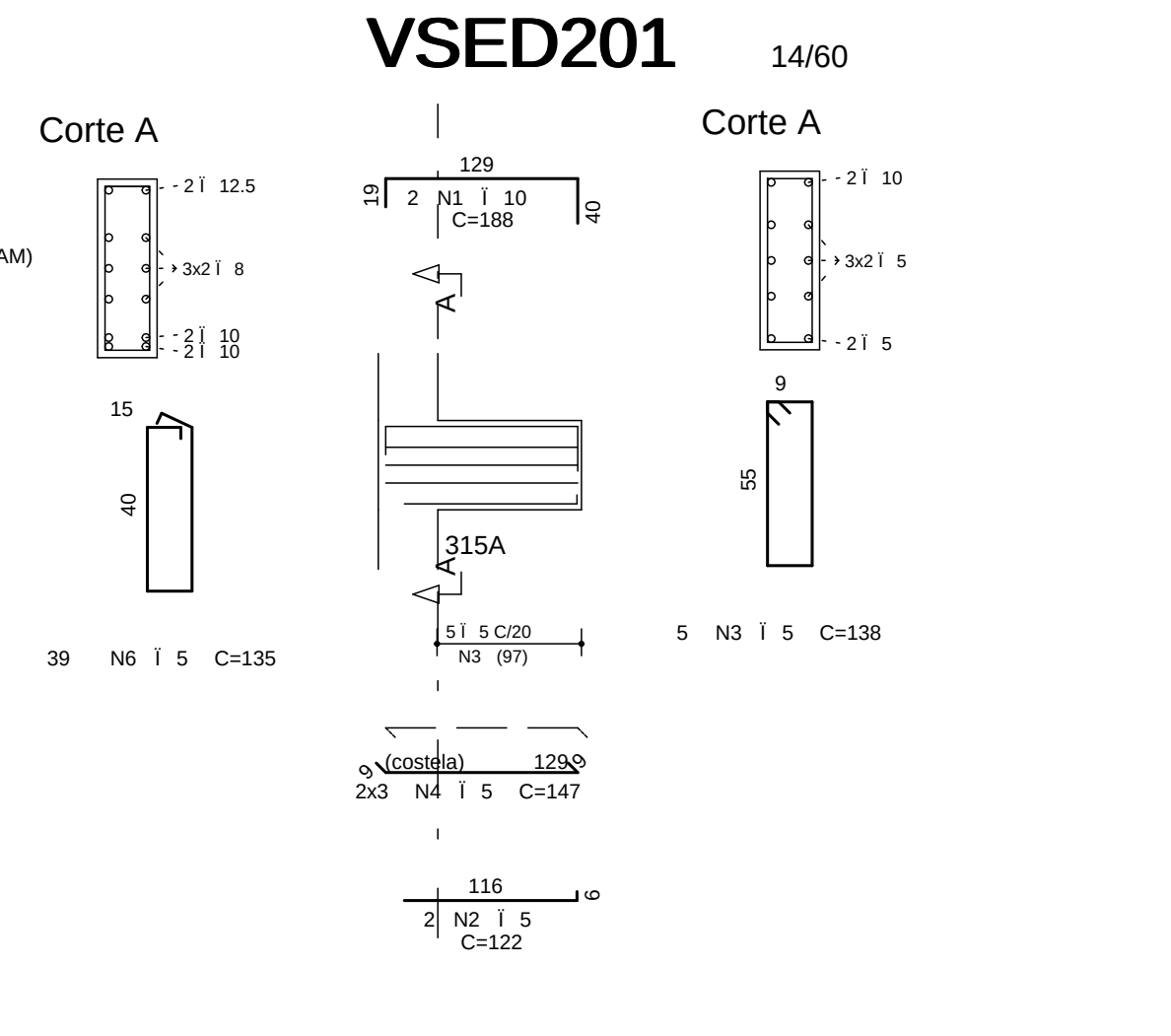
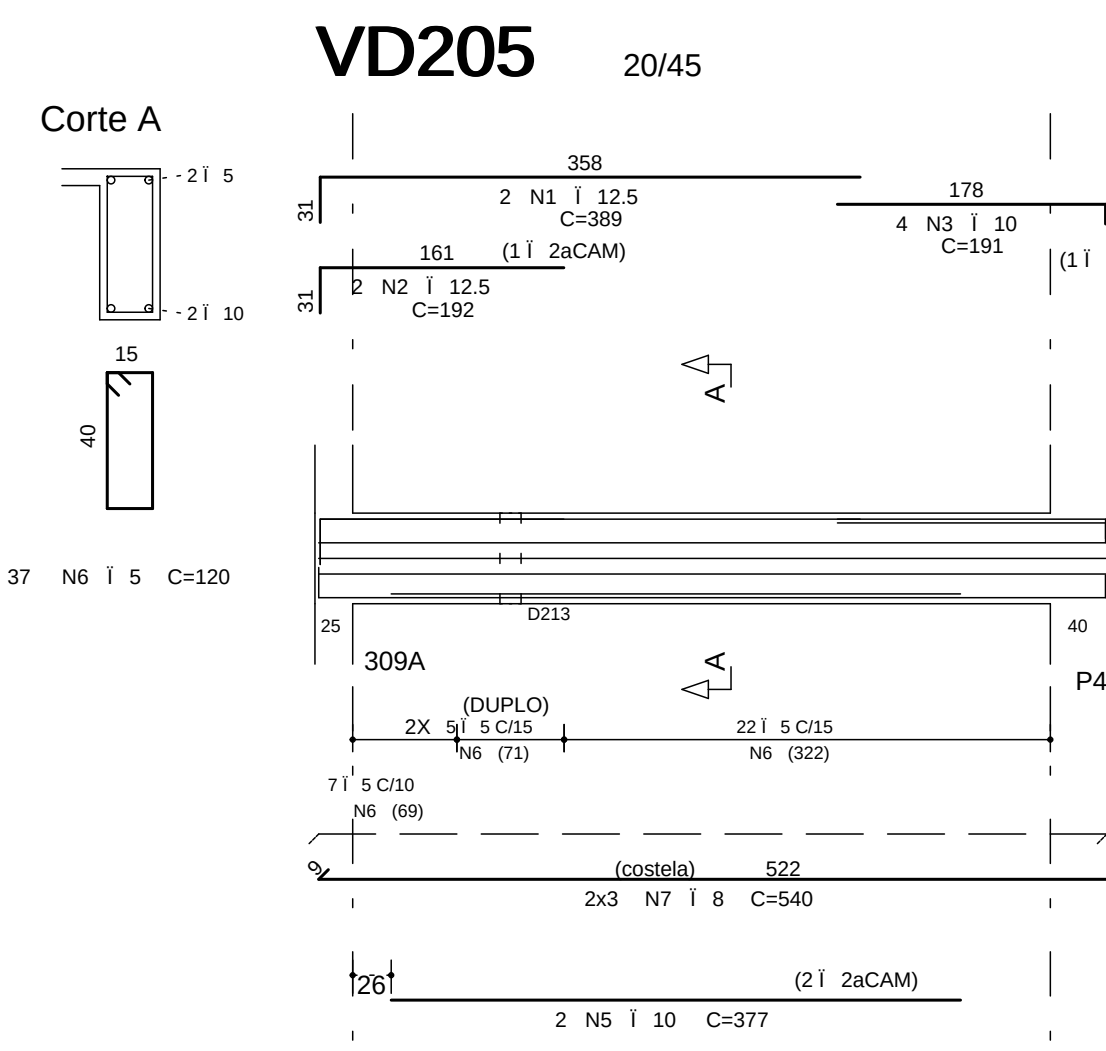
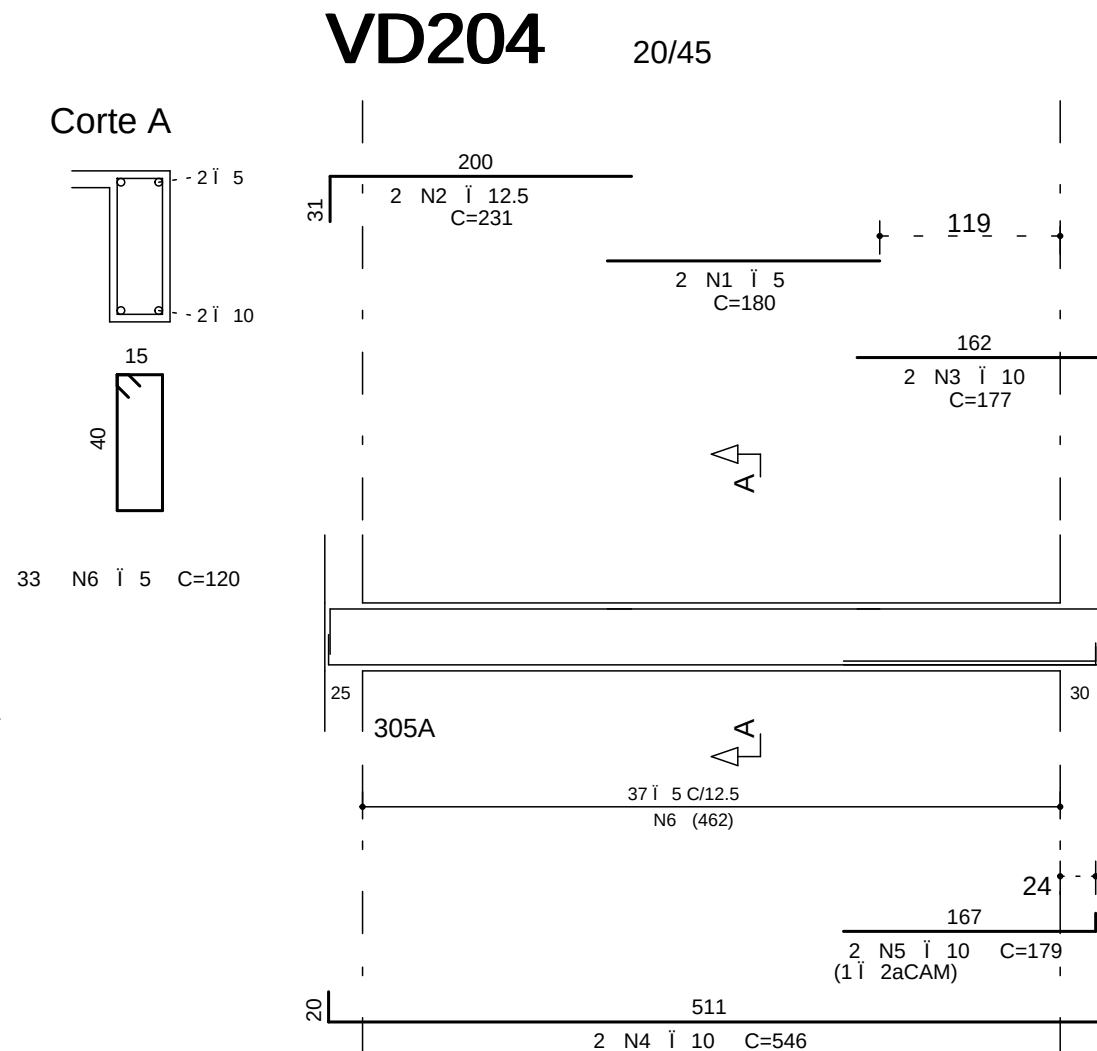
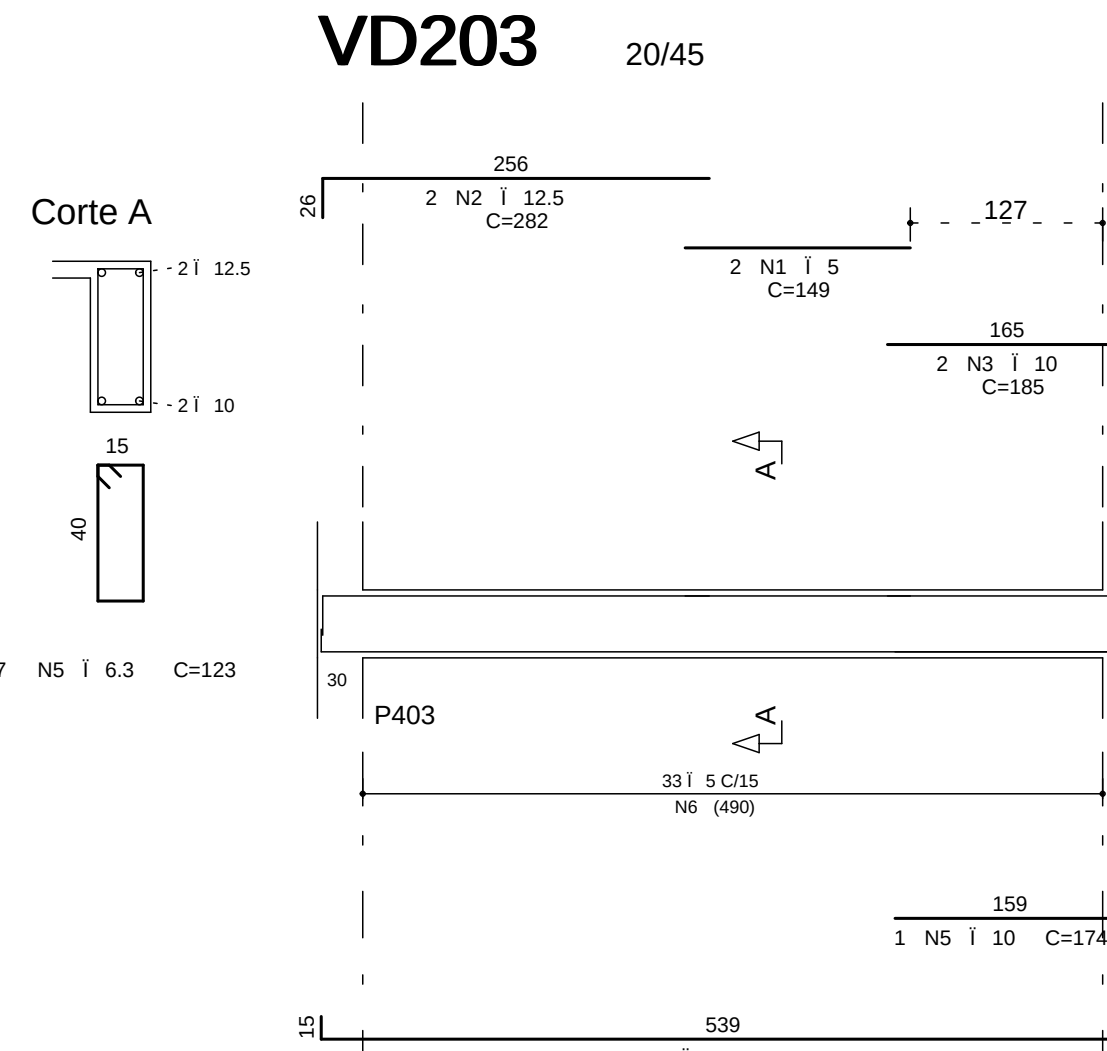
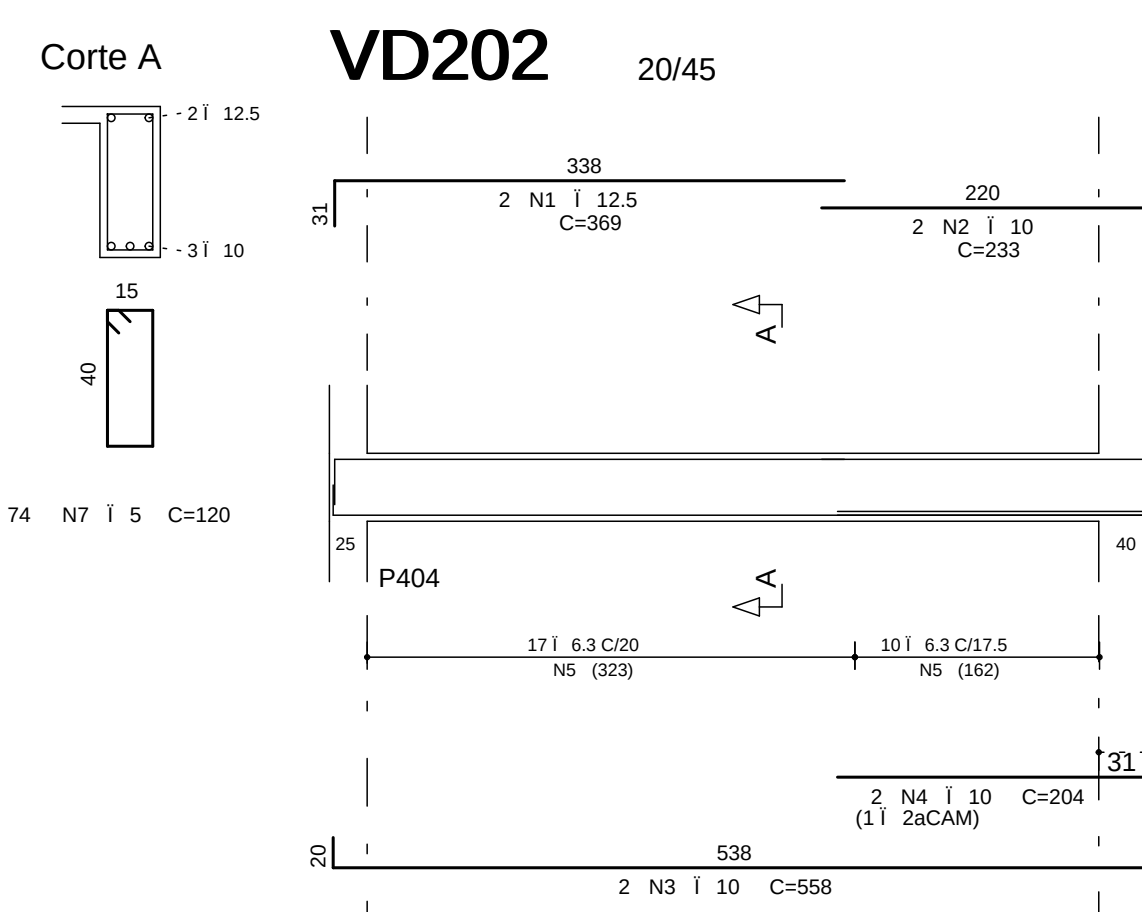
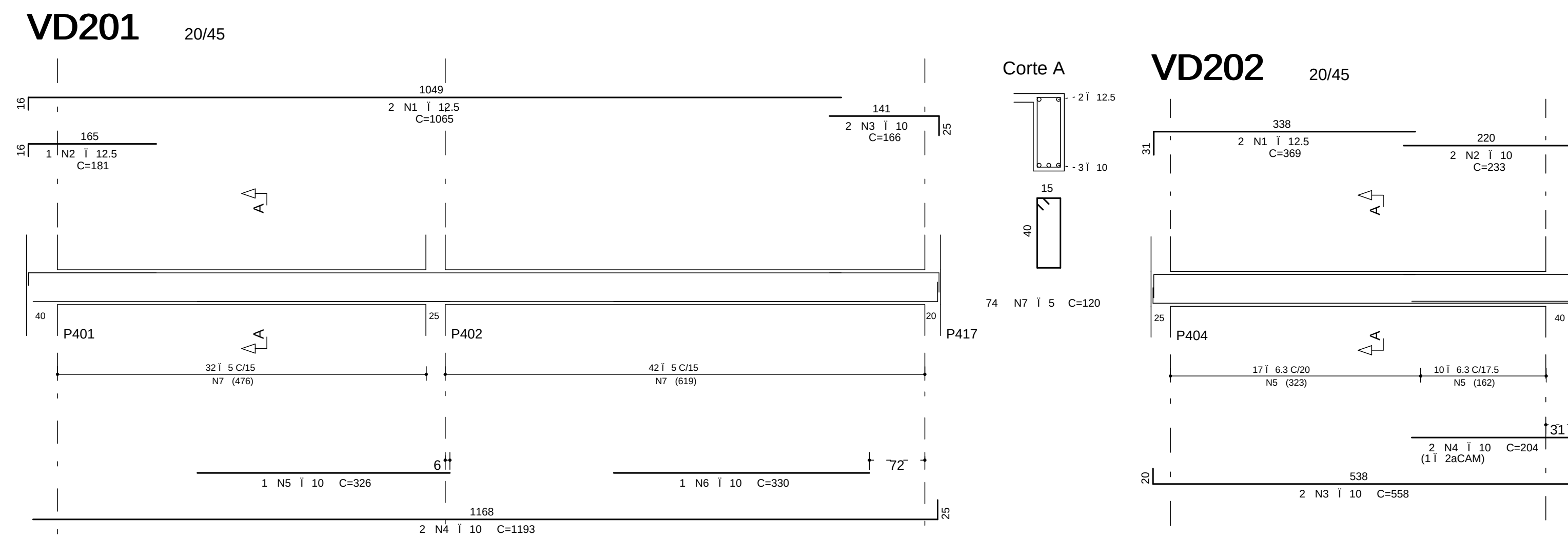




	AO	POS	BIT	QUANT	COMPONENT	TOTAL
P000	RAW	0	125	2	188	1130
	RAW	0	125	2	188	1130
	RAW	0	125	2	188	1130
	RAW	0	125	2	188	1130
	RAW	0	125	2	188	1130
P001	RAW	0	125	2	223	1088
	RAW	0	125	2	223	1088
	RAW	0	125	2	223	1088
	RAW	0	125	2	223	1088
	RAW	0	125	2	223	1088
P002	RAW	0	125	2	148	1088
	RAW	0	125	2	148	1088
	RAW	0	125	2	148	1088
	RAW	0	125	2	148	1088
	RAW	0	125	2	148	1088
P003	RAW	0	125	2	213	1136
	RAW	0	125	2	213	1136
	RAW	0	125	2	213	1136
	RAW	0	125	2	213	1136
	RAW	0	125	2	213	1136
P004	RAW	0	125	2	153	1088
	RAW	0	125	2	153	1088
	RAW	0	125	2	153	1088
	RAW	0	125	2	153	1088
	RAW	0	125	2	153	1088
P005	RAW	0	125	2	133	1136
	RAW	0	125	2	133	1136
	RAW	0	125	2	133	1136
	RAW	0	125	2	133	1136
	RAW	0	125	2	133	1136
P006	RAW	0	125	2	123	1088
	RAW	0	125	2	123	1088
	RAW	0	125	2	123	1088
	RAW	0	125	2	123	1088
	RAW	0	125	2	123	1088
P007	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P008	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P009	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P010	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P011	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P012	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P013	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P014	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P015	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P016	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P017	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P018	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P019	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P020	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P021	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P022	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P023	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P024	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P025	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P026	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P027	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P028	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P029	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P030	RAW	0	125	2	188	1136
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P031	RAW	0	125	2	188	1136
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P032	RAW	0	125	2	188	1136
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P033	RAW	0	125	2	188	1136
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P034	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P035	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P036	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P037	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P038	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P039	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P040	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P041	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P042	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P043	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P044	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P045	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P046	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P047	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
P048	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
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	RAW	0	125	2	188	1136
P049	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	1136
	RAW	0	125	2	188	

RESUMO AO C.A. 50-60			
AO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	1200	163
60A	6,3	325	131
50A	8	71	20
50A	10	754	419
50A	12,5	330	339
50A	16	125	201
50A	20	225	362
Peso Total	60B =		163 kg
Peso Total	50A =		1.737 kg

COBRIMENTO DA ARMADURA:

- LAJES = 2,0 cm
 - VIGAS E PILARES = 2,5 cm
 - BLOCOS, BALDRAMES E CONTENCOES (FACE EM CONTATO COM A TERRA) = 3,0 cm
1. ESSES COBRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.
- COBRIMENTOS ESPECIFICOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DES.

NORMAS UTILIZADAS:

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

ECK= 35 MPa

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

$$A/C = 0,65 \quad (\text{FATOR AGUA CIMENTO})$$

2	14/10/2020	REVISÃO DA VIGA V0202	
1	26/07/2020	ACRÉSCIMO DA VIGA V0222	
0	23/07/2020	EMISSÃO INICIAL	
REV	DATA	DESCRIÇÃO	

 SMC Engenharia e Produtos SME TRUTH ENGINEERING & PRODUCTS LTDA BRASIL - RJ - 220 PROJETO DE ARQUITETURA PROJ. (EVALU) 0200105 PROJ. (EVALU) 0200105	
PROJETO ESTRUTURAL	
CLIENTE:	DISCO INCORPORADORA E IMOBILIARIA LTDA
OBRA:	EDIFICIO RESIDENCIAL OLYMPIQUE
ENDEREÇO OBRA:	AVENIDA ESPECIAL DA LOTES G H, GUANHA-D'F
DESCRIÇÃO:	NO OBRA
ARMAS E O DE VIGAS - TORRE B - JUNTA D	DESCRIÇÃO DO
VIGAS DO 10 SUBSOLO	334-XXX
01/01	
GERENÇA/PROJ.	NO PROJ. SMC/TRA
TQS: GUSTAVO	621
DATA:	23/07/2010
ESCALA:	1:20
UNIDADE:	CM
ARQUITETO:	
603 - EST. 334-XXX -R02 -PLT	
PROPRIETARIO:	RESPONSÁVEL TÉCNICO
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL	

SME TRUTH ENGINEERING & PRODUTOS S/C LTDA
 CREA-20348