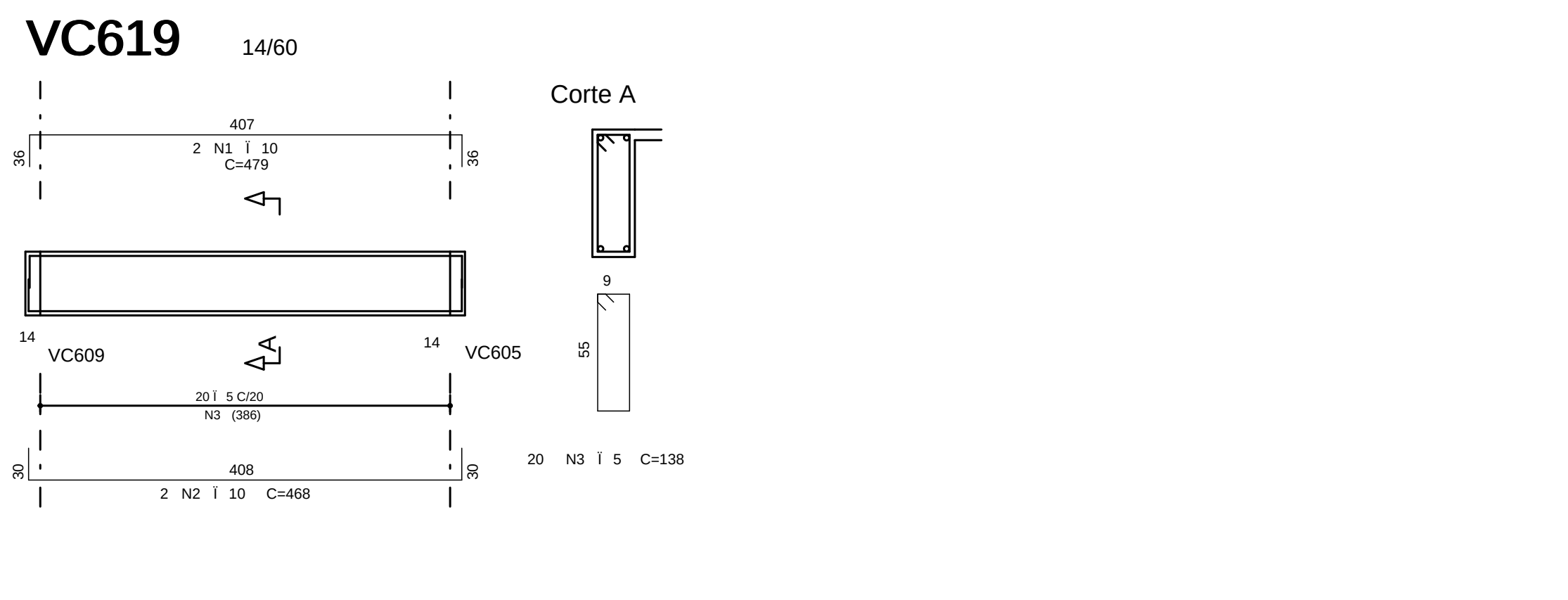
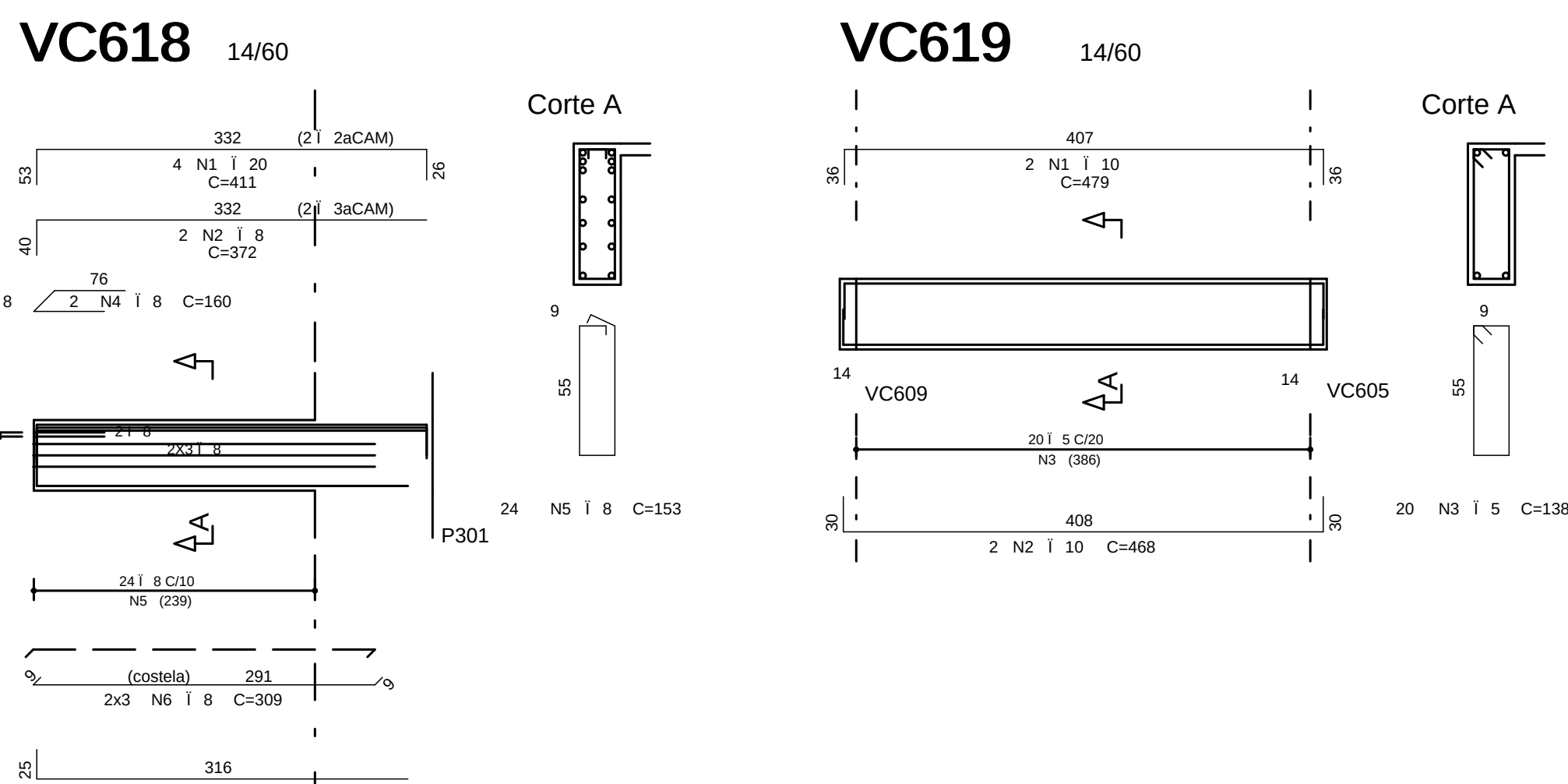
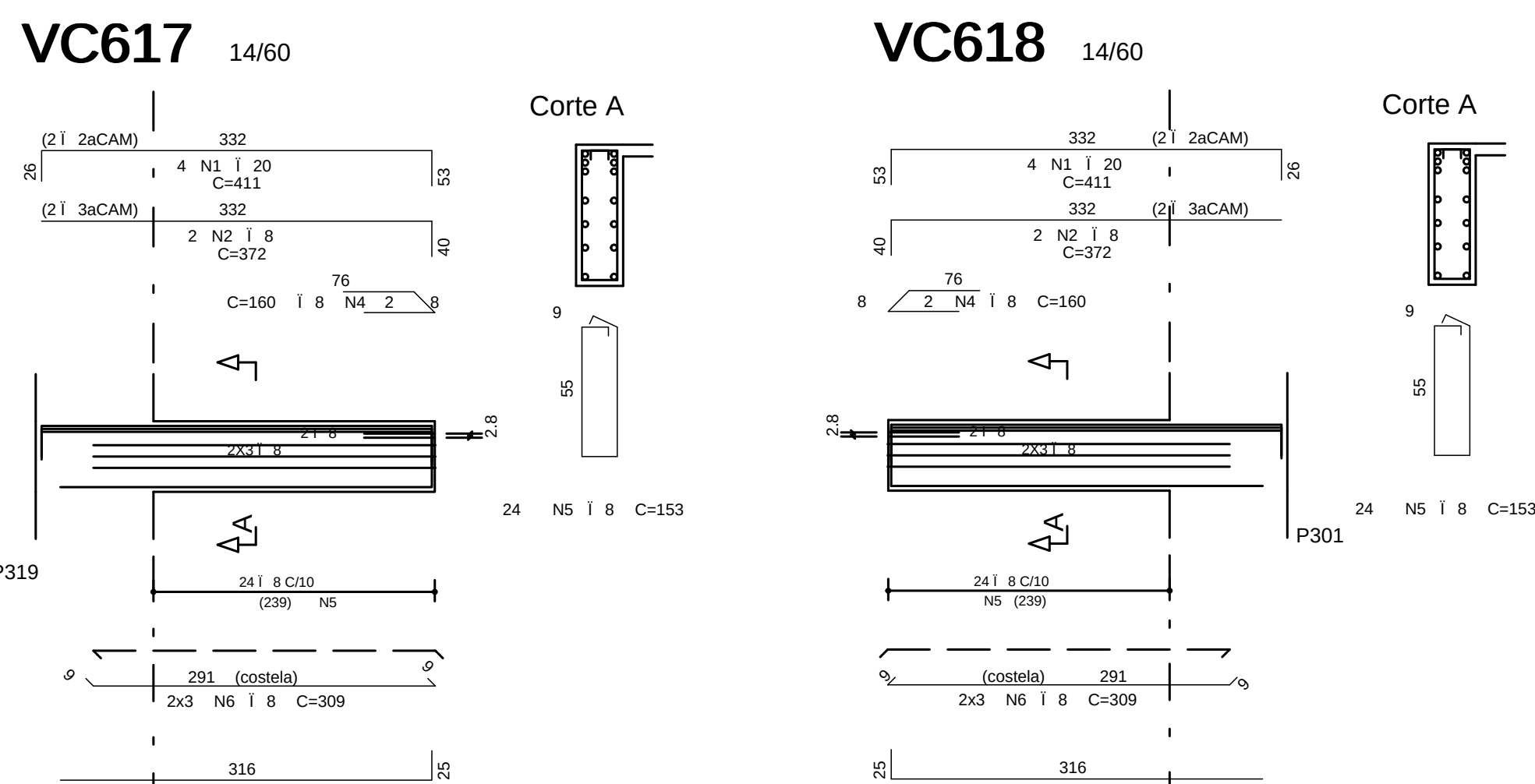
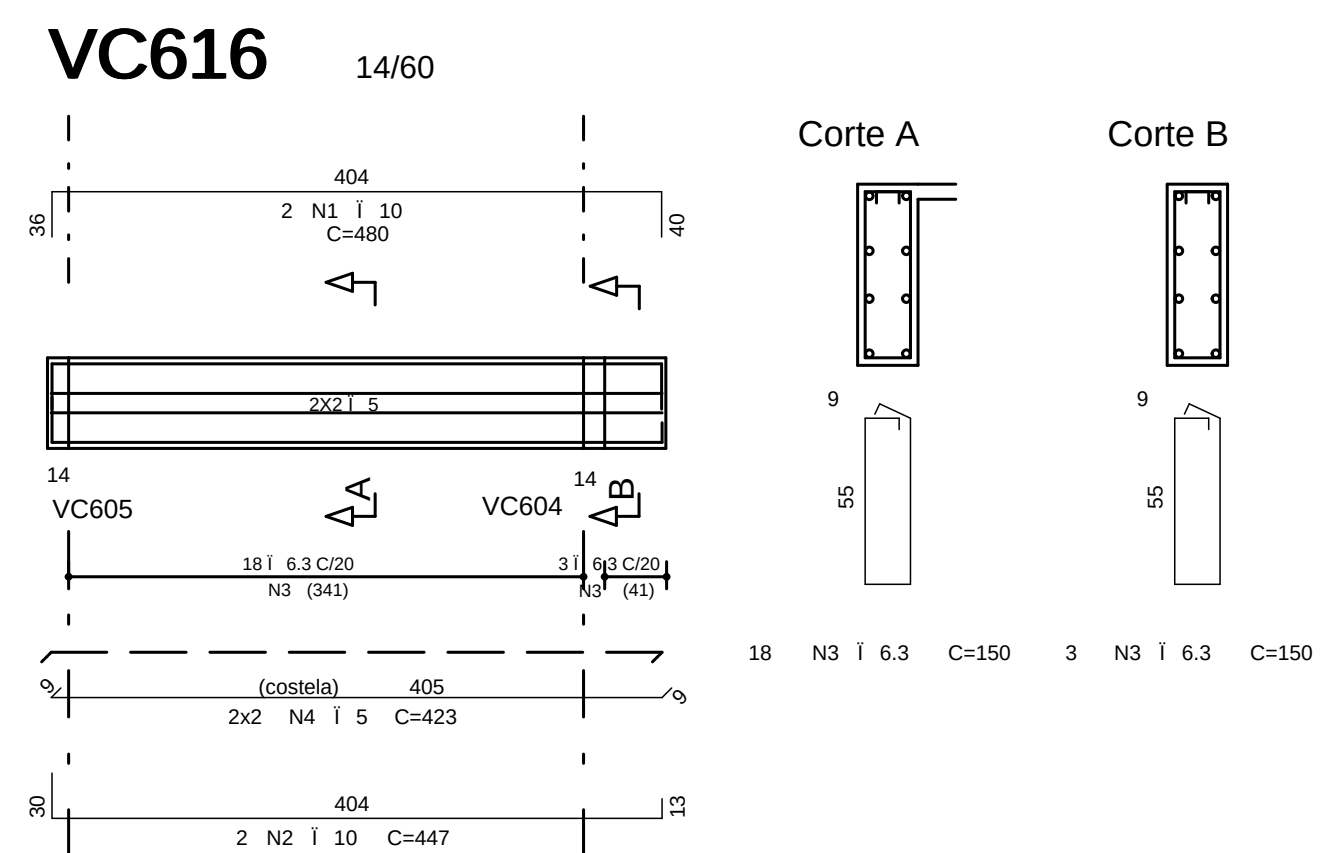
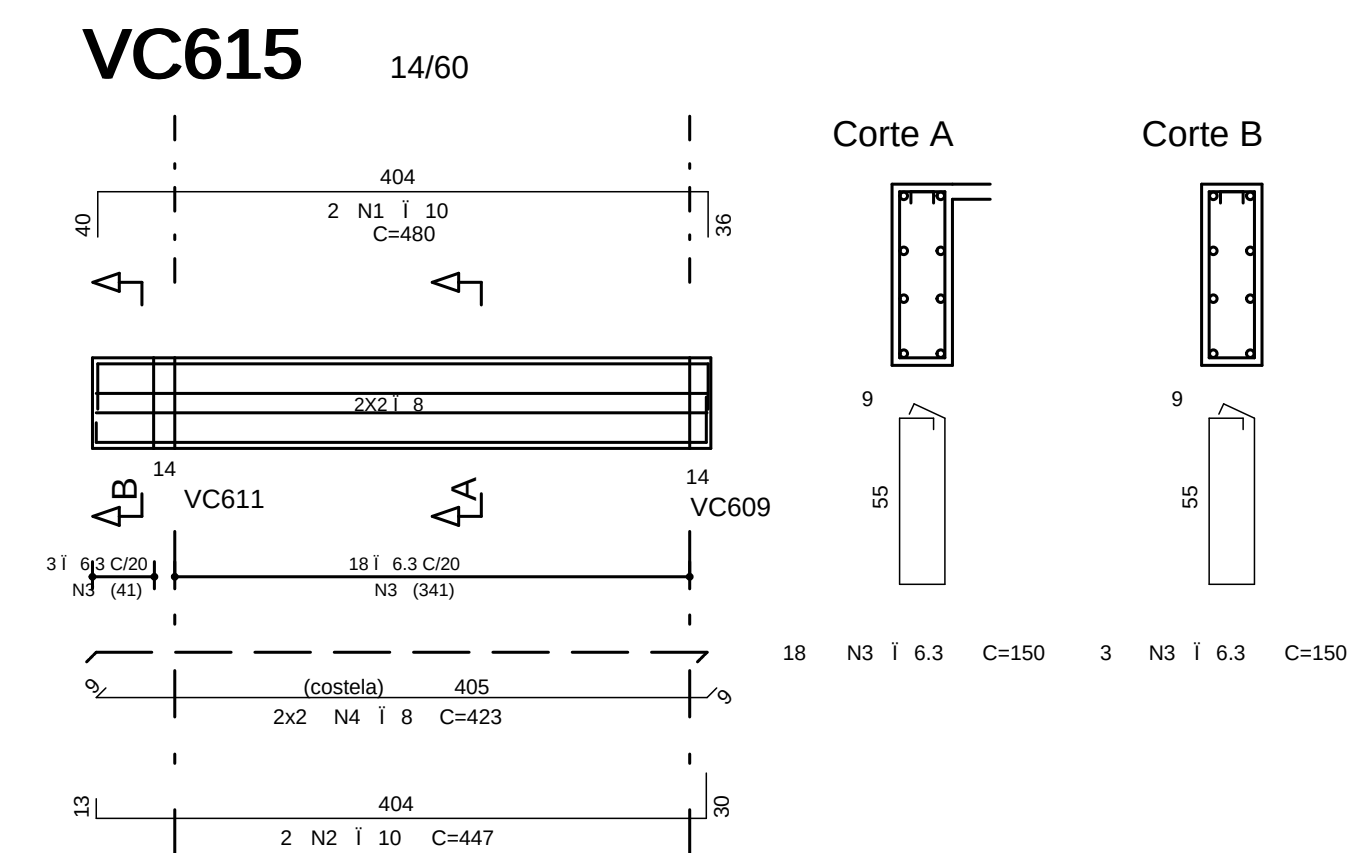
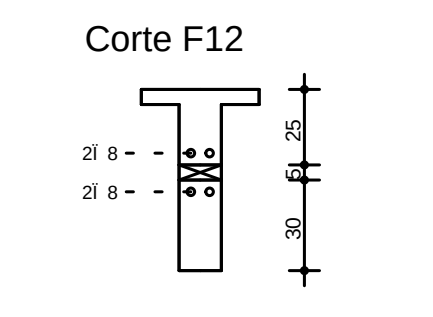
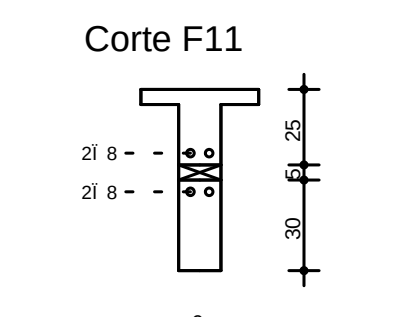
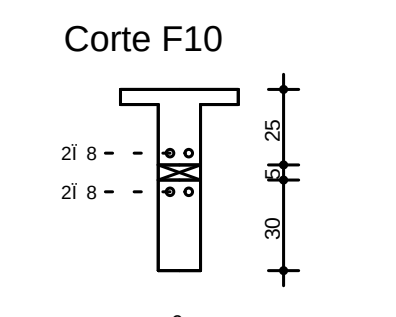
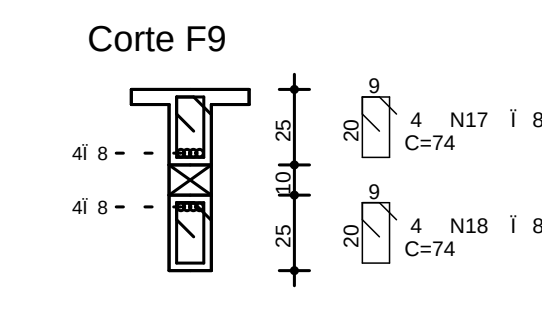
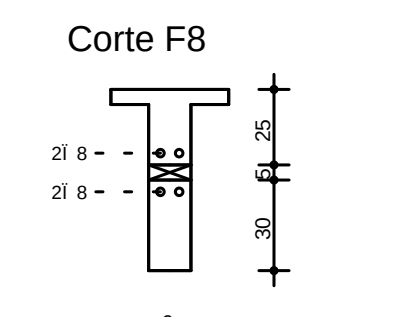
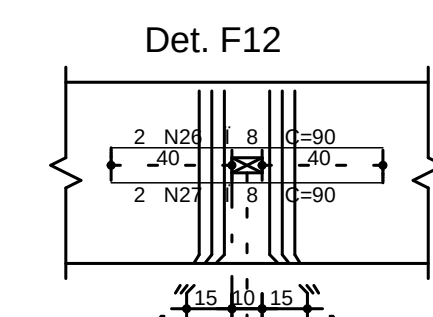
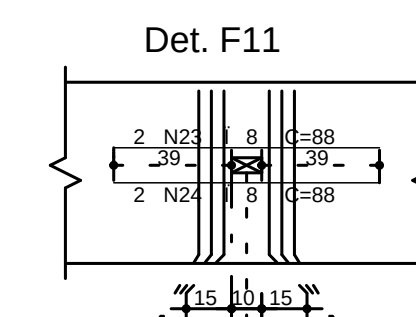
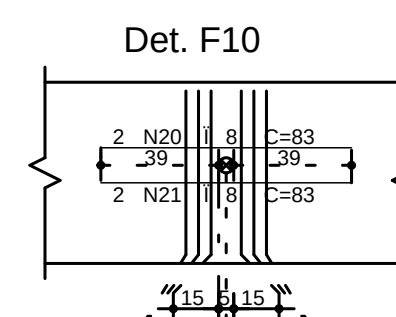
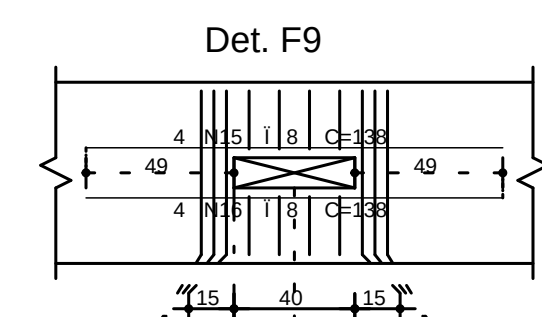
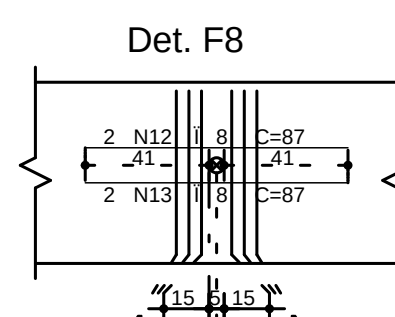
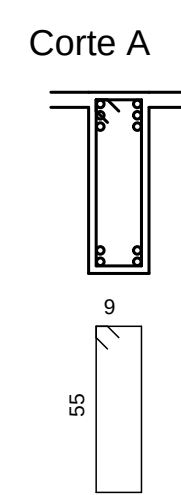
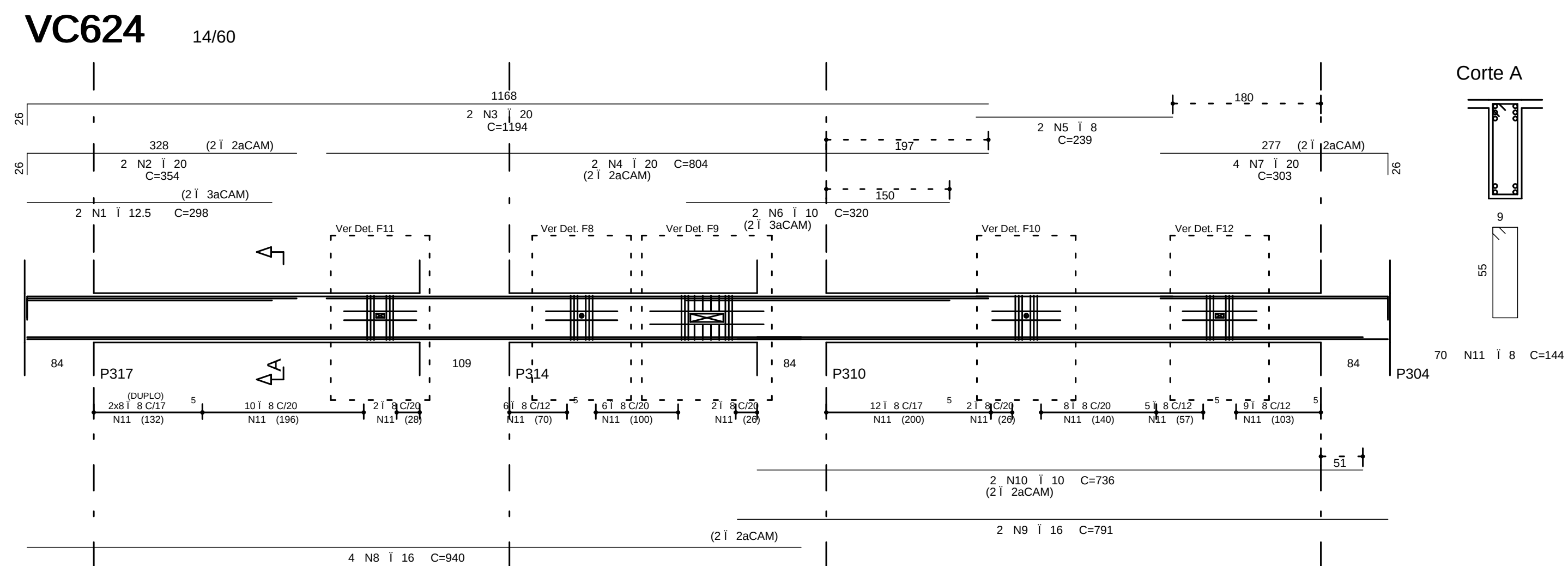
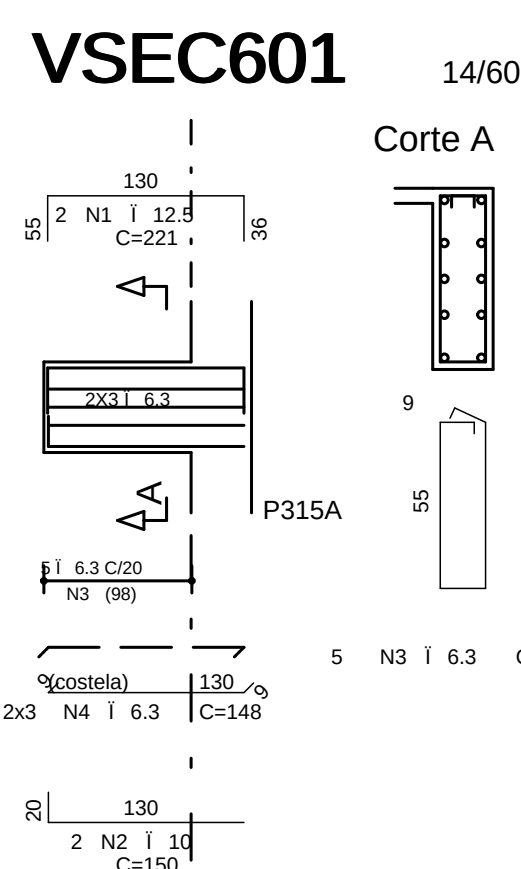
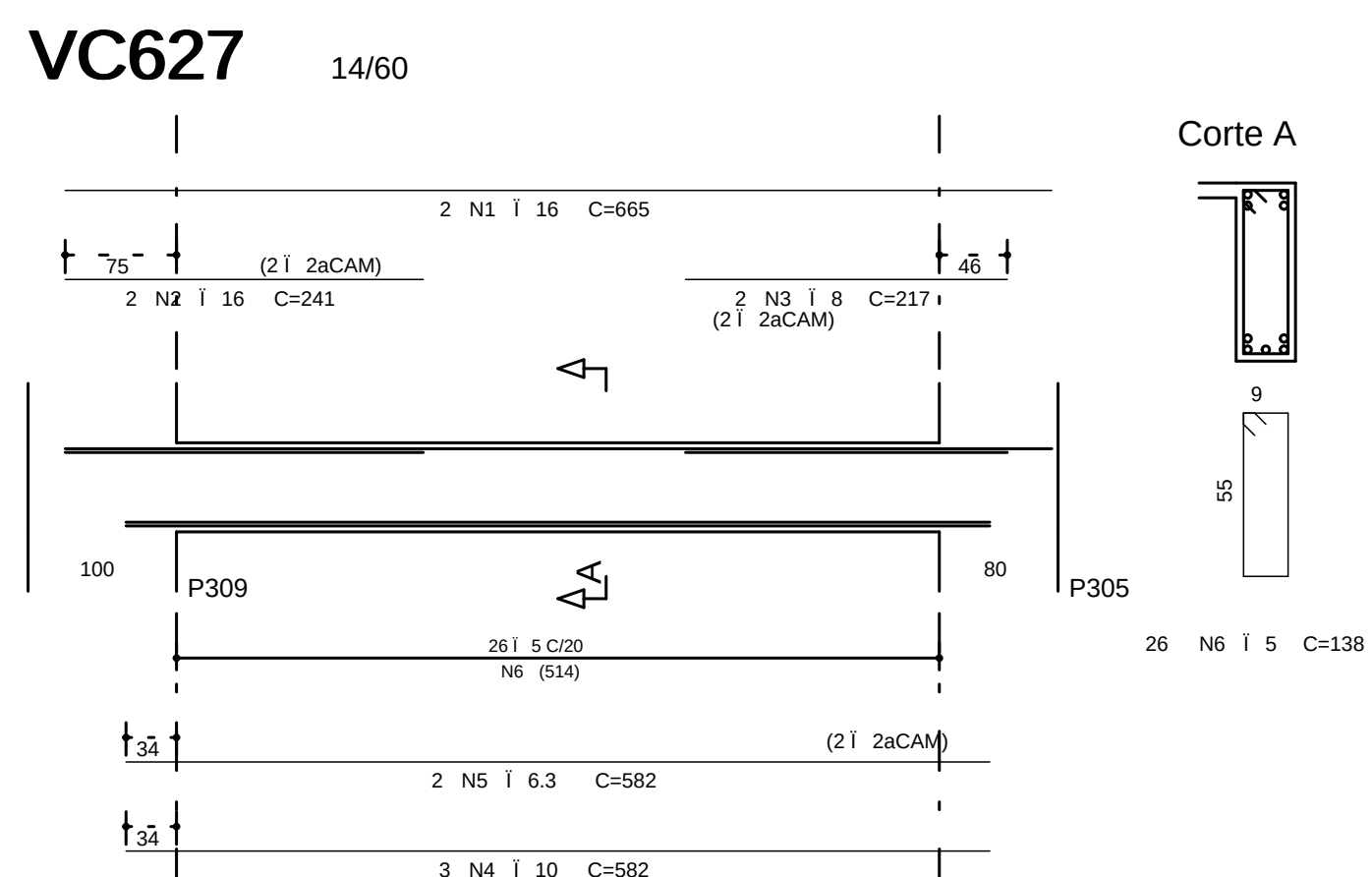
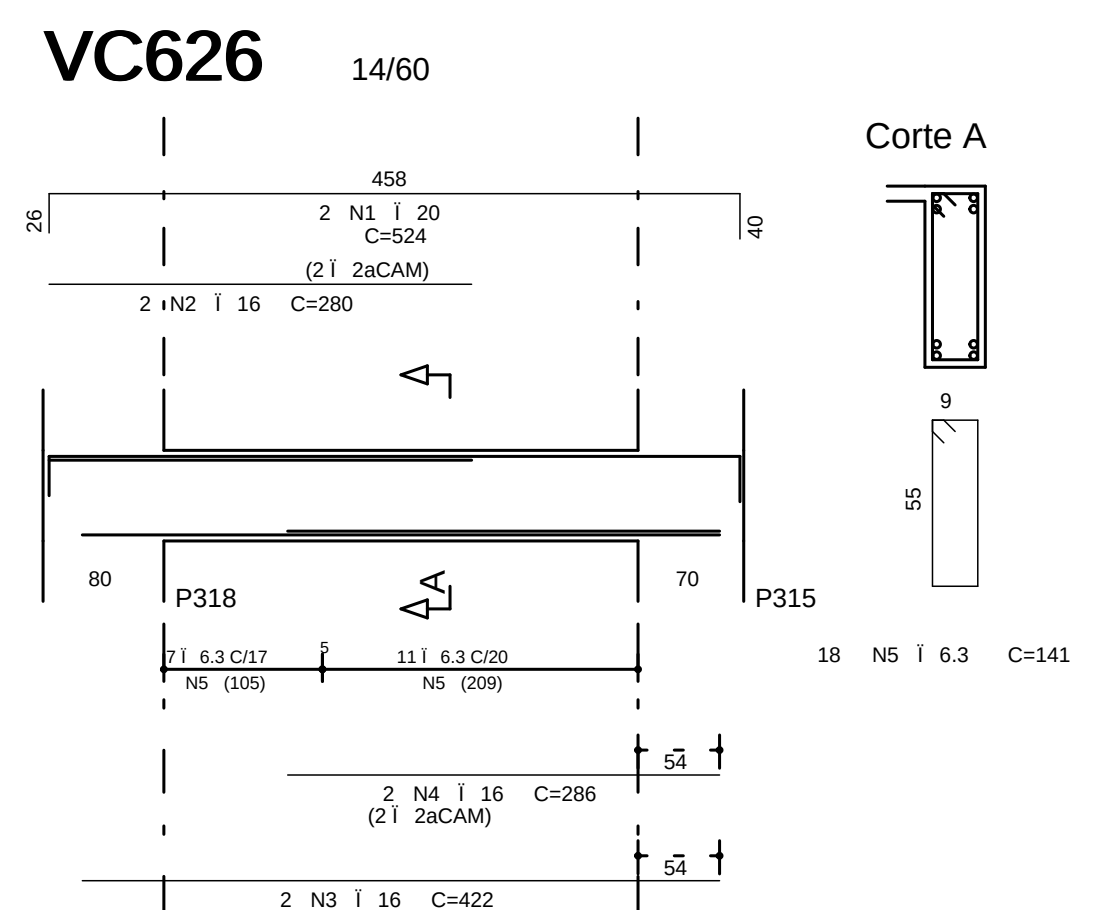
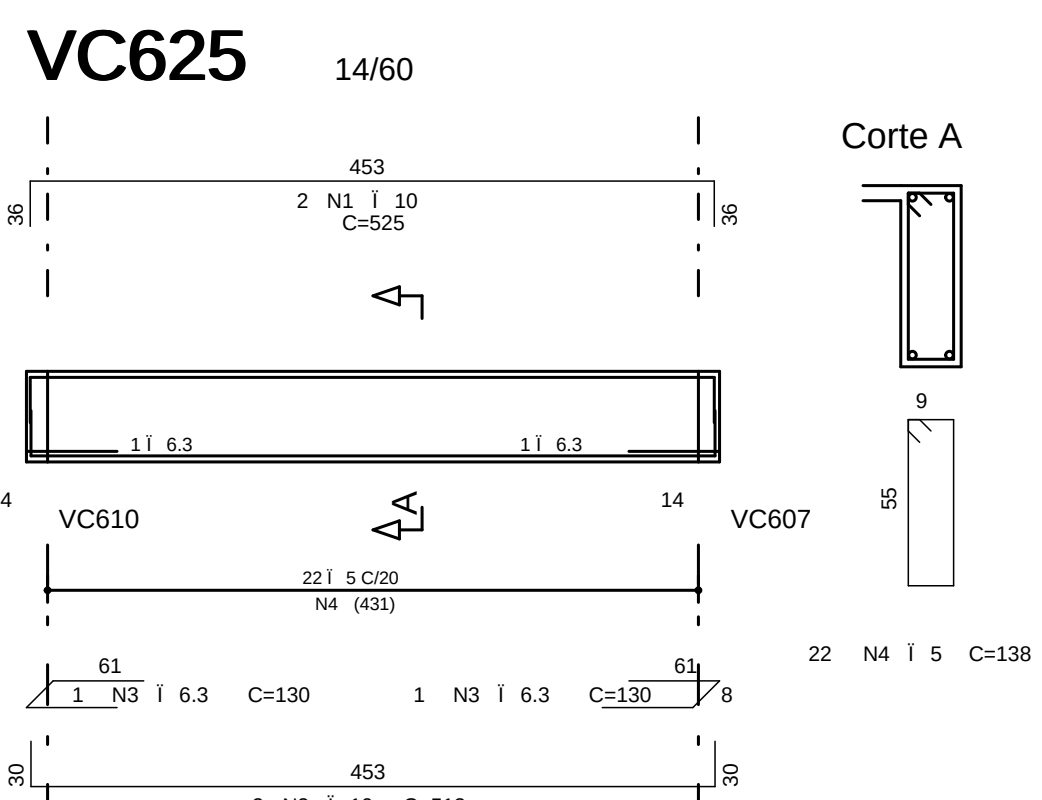
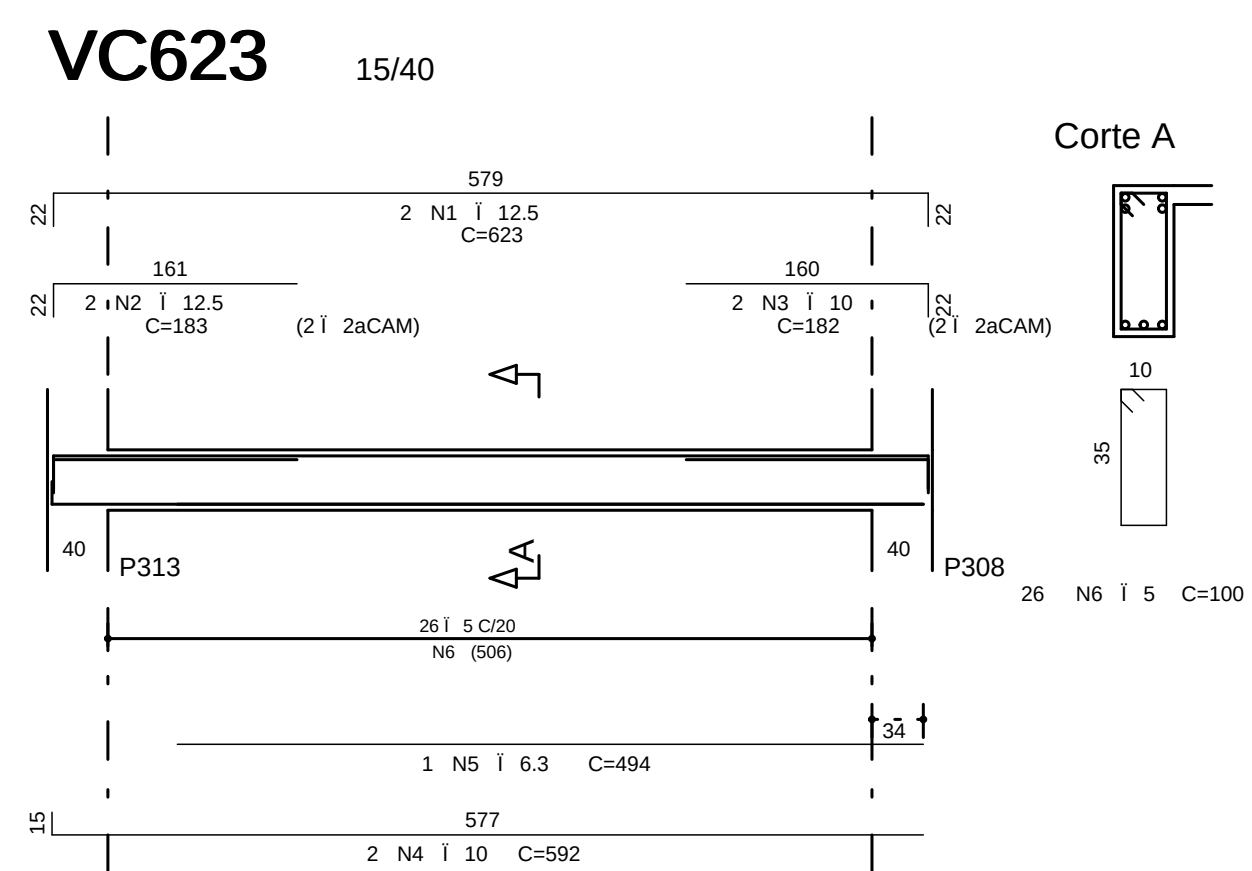
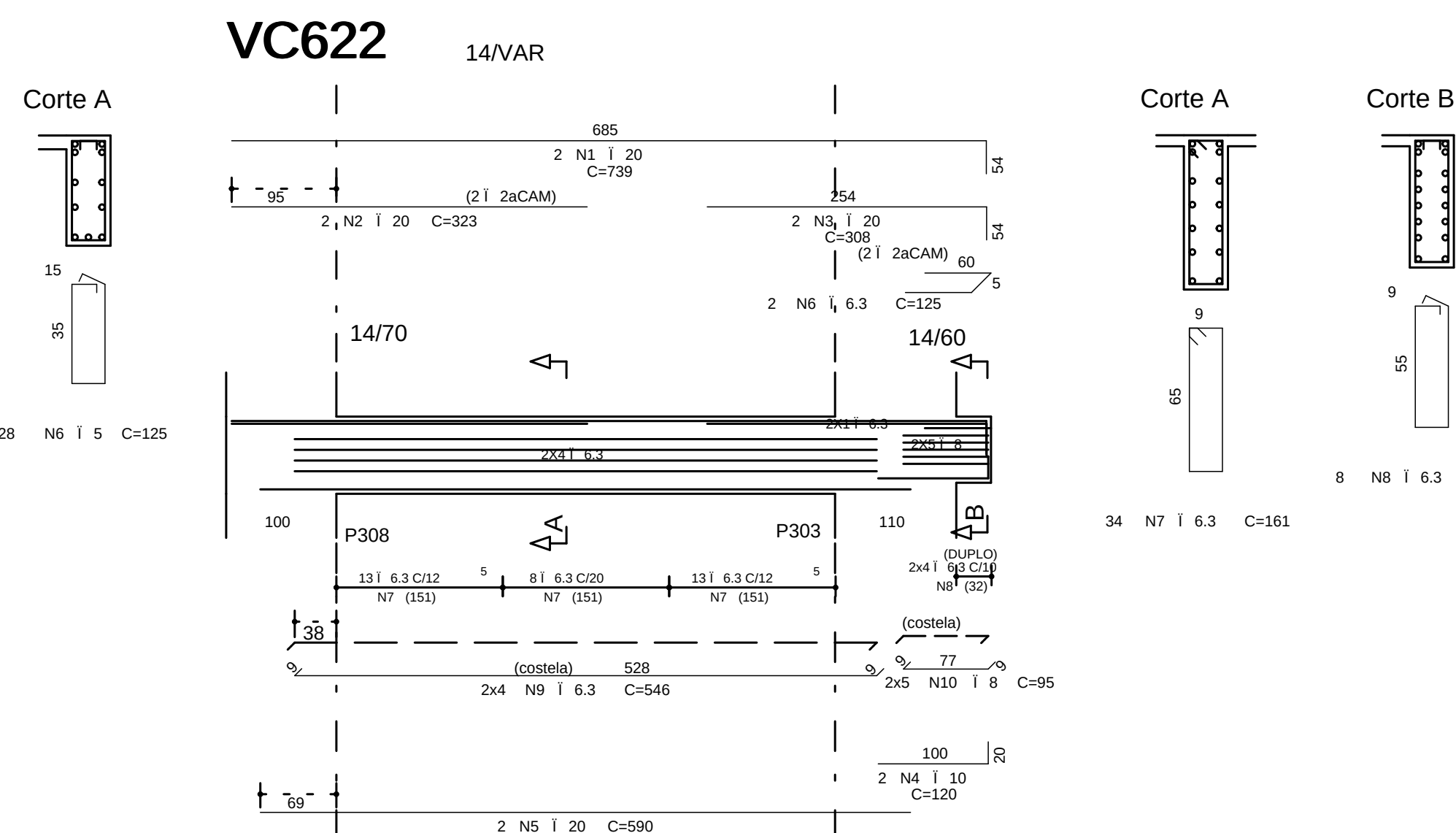
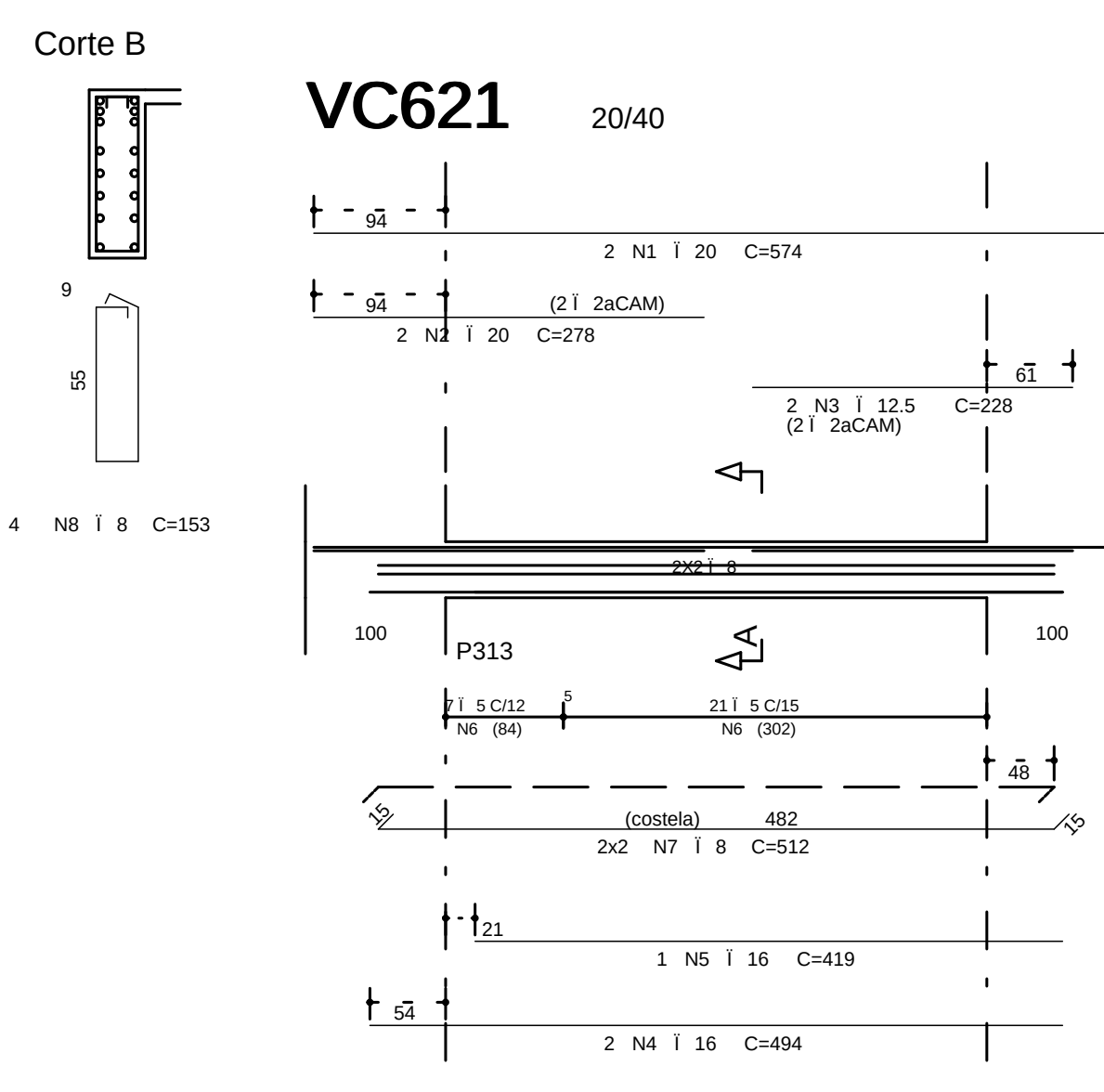
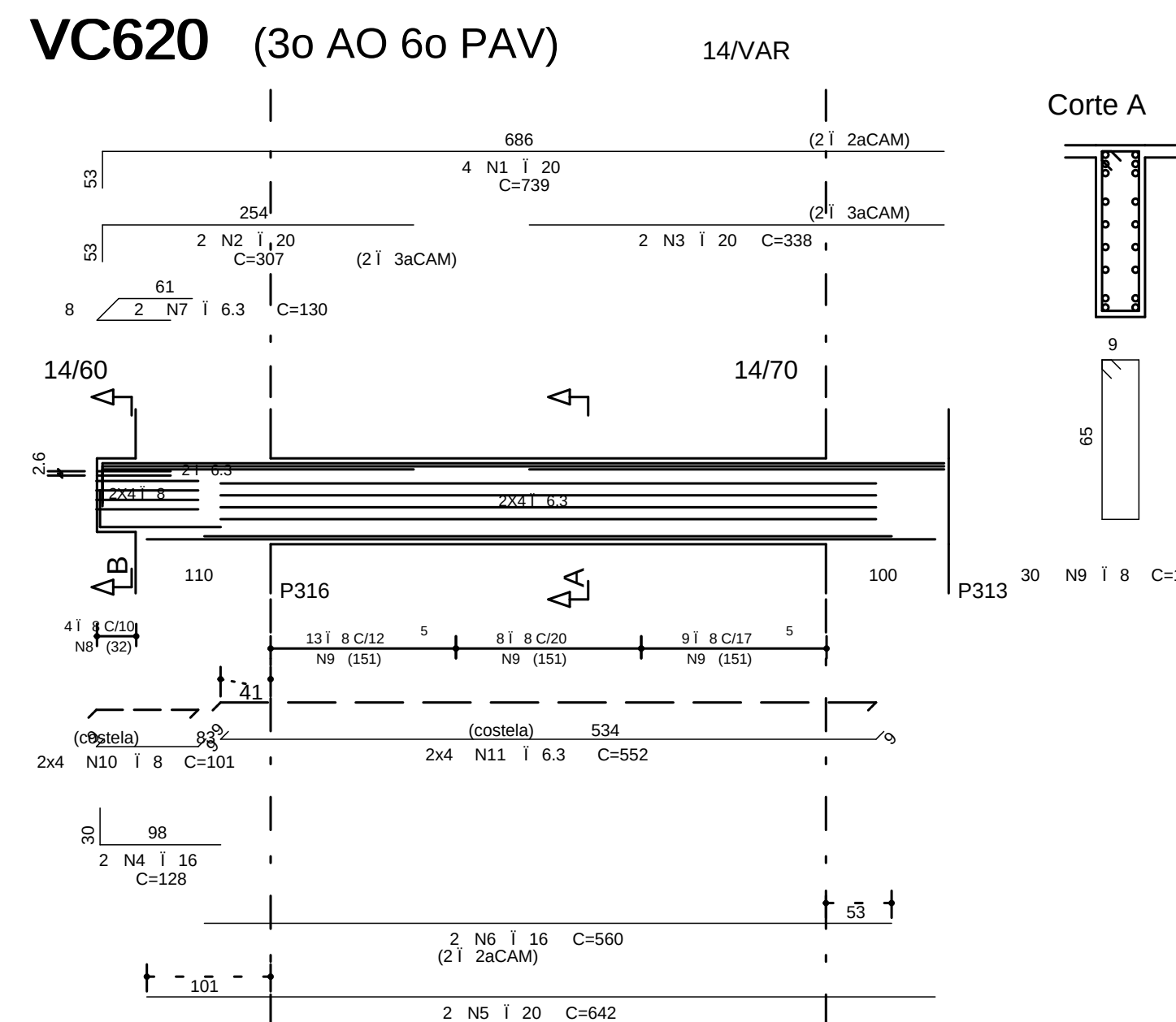




	ASO	POS	BIT	QUANT	COMPROMENTO	UNIT	TOTAL (€)		ASO	POS	BIT	QUANT	COMPROMENTO	UNIT	TOTAL (€)
VC651	SQA	1	01	01	947	4492		VC652	SQA	1	151	01	352	1239	
		2	01	01	947	4492				2	01	01	352	1239	
		3	6,9	105	105	13759				3	01	01	352	1239	
VC654	SQA	1	01	01	947	4492		SQA	6	6,3	105	1000	13759		
		2	01	01	947	4492			7	01	01	352	1239		
		3	6,9	105	105	13759			8	01	01	352	1239		
VC651 (CDS)	SQA	1	01	30	30	111	8208	VC654 (CDS)	SQA	1	14,5	01	356	2880	
		2	01	30	30	111	8208			2	01	01	356	2880	
		3	15,5	10	10	341	3419			3	01	01	354	949	
VC650	SQA	1	01	01	947	4492		SQA	9	01	01	352	1239		
		2	01	01	947	4492			10	01	01	352	1239		
		3	6,9	120	120	13836			11	01	01	352	1239		
VC650 (CDS)	SQA	1	01	30	30	159	1159	VC654 (CDS)	SQA	4	01	01	356	949	
		2	01	30	30	159	1159			5	01	01	356	949	
		3	20	8	8	128	2704			6	01	01	354	949	
VC650	SQA	1	01	01	947	4492		SQA	13	01	01	352	1239		
		2	01	01	947	4492			14	01	01	352	1239		
		3	6,9	120	120	13836			15	01	01	352	1239		
VC650 (CDS)	SQA	1	01	30	30	159	1159	SQA	16	01	01	352	1239		
		2	01	30	30	159	1159		17	01	01	352	1239		
		3	20	8	8	128	2704		18	01	01	354	949		
VC650	SQA	1	01	01	947	4492		SQA	19	01	01	352	1239		
		2	01	01	947	4492			20	01	01	352	1239		
		3	6,9	120	120	13836			21	01	01	352	1239		
VC651	SQA	1	01	01	947	4492		VC657 (CDS)	SQA	2	19	01	356	2149	
		2	01	01	947	4492				3	01	01	356	2149	
		3	15,5	10	10			4	01	01	356	2149			
VC651 (CDS)	SQA	1	01	30	30	111	915	VC658 (CDS)	SQA	5	6,3	105	951	11055	
		2	01	30	30	111	915			6	01	01	356	2149	
		3	20	8	8	128	2704			7	01	01	356	2149	
VC650	SQA	1	01	01	947	4492		VC658 (CDS)	SQA	2	19	01	356	2149	
		2	01	01	947	4492				3	01	01	356	2149	
		3	6,9	120	120	13836				4	01	01	356	2149	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	1	14,5	01	356	2880	
		2	01	01	947	4492				2	01	01	356	2880	
		3	6,9	120	120	13836				3	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	4	6,3	105	951	11055	
		2	01	30	30	159	2962			5	01	01	356	2880	
		3	20	8	8	128	2704			6	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	7	01	01	356	2880	
		2	01	01	947	4492				8	01	01	356	2880	
		3	6,9	120	120	13836				9	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	10	01	01	356	2880	
		2	01	30	30	159	2962			11	01	01	356	2880	
		3	20	8	8	128	2704			12	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	13	01	01	356	2880	
		2	01	01	947	4492				14	01	01	356	2880	
		3	6,9	120	120	13836				15	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	16	01	01	356	2880	
		2	01	30	30	159	2962			17	01	01	356	2880	
		3	20	8	8	128	2704			18	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	19	01	01	356	2880	
		2	01	01	947	4492				20	01	01	356	2880	
		3	6,9	120	120	13836				21	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	22	01	01	356	2880	
		2	01	30	30	159	2962			23	01	01	356	2880	
		3	20	8	8	128	2704			24	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	25	01	01	356	2880	
		2	01	01	947	4492				26	01	01	356	2880	
		3	6,9	120	120	13836				27	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	28	01	01	356	2880	
		2	01	30	30	159	2962			29	01	01	356	2880	
		3	20	8	8	128	2704			30	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	31	01	01	356	2880	
		2	01	01	947	4492				32	01	01	356	2880	
		3	6,9	120	120	13836				33	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	34	01	01	356	2880	
		2	01	30	30	159	2962			35	01	01	356	2880	
		3	20	8	8	128	2704			36	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	37	01	01	356	2880	
		2	01	01	947	4492				38	01	01	356	2880	
		3	6,9	120	120	13836				39	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	40	01	01	356	2880	
		2	01	30	30	159	2962			41	01	01	356	2880	
		3	20	8	8	128	2704			42	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	43	01	01	356	2880	
		2	01	01	947	4492				44	01	01	356	2880	
		3	6,9	120	120	13836				45	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	46	01	01	356	2880	
		2	01	30	30	159	2962			47	01	01	356	2880	
		3	20	8	8	128	2704			48	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	49	01	01	356	2880	
		2	01	01	947	4492				50	01	01	356	2880	
		3	6,9	120	120	13836				51	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	52	01	01	356	2880	
		2	01	30	30	159	2962			53	01	01	356	2880	
		3	20	8	8	128	2704			54	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	55	01	01	356	2880	
		2	01	01	947	4492				56	01	01	356	2880	
		3	6,9	120	120	13836				57	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	58	01	01	356	2880	
		2	01	30	30	159	2962			59	01	01	356	2880	
		3	20	8	8	128	2704			60	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	61	01	01	356	2880	
		2	01	01	947	4492				62	01	01	356	2880	
		3	6,9	120	120	13836				63	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	64	01	01	356	2880	
		2	01	30	30	159	2962			65	01	01	356	2880	
		3	20	8	8	128	2704			66	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	67	01	01	356	2880	
		2	01	01	947	4492				68	01	01	356	2880	
		3	6,9	120	120	13836				69	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	70	01	01	356	2880	
		2	01	30	30	159	2962			71	01	01	356	2880	
		3	20	8	8	128	2704			72	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	73	01	01	356	2880	
		2	01	01	947	4492				74	01	01	356	2880	
		3	6,9	120	120	13836				75	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	76	01	01	356	2880	
		2	01	30	30	159	2962			77	01	01	356	2880	
		3	20	8	8	128	2704			78	01	01	356	2880	
VC652	SQA	1	01	01	947	4492		VC659 (CDS)	SQA	79	01	01	356	2880	
		2	01	01	947	4492				80	01	01	356	2880	
		3	6,9	120	120	13836				81	01	01	356	2880	
VC652 (CDS)	SQA	1	01	30	30	159	2962	VC659 (CDS)	SQA	82	01	01	356	2880	
		2	01	30	30	159	2962			83	01	01	356	2880	
		3	20	8	8	128	2704			84	01	01	356	2880	
VC652	SQA	1	01	01	947	4									

RESUMO Aço CA 50-60			
Aço	BIT (mm)	COMPR (m)	PESO (kg)
60B	6	809	137
50A	0,3	1271	343
50A	8	2067	827
50A	10	5811	429
50A	12,6	224	224
50A	16	582	231
50A	52	1015	7036
Peso Total	60B =		137 kg
Peso Total	50A =		5291 kg



0	15/10/2010	EMISSAO INICIAL					
REV		DATA	DESCRICAO				
 Simetria PRETORIO INDUSTRIAIS SUA QUADRA AC Nº 13, SULA 201, A-20 BRASLIA DE CPDF 71300-940 PAÍS (CNPJ) 009 9693 simetria@simetriaeng.com.br							
PROJETO ESTRUTURAL							
CLIENTE:		DISCO INCORPORACAO IMOBILIARIA LTDA					
OBRA:		ED. RESIDENCIAL OLYMPIQUE					
ENDERECO OBRA:		SRJA AREA ESPECIAL, 04 LOTES G E H GUARA-DF					
DESCRICO		DESENHO N°:					
		ARMACAO DAS VIGAS DO PISO DO 2o Ao 6o Pav. TORRE B - JUNTA C (02/02)					
		367-XXX					
DESIGNAÇÃO:		DATA:		ESCALA:		UNIDADE:	
TOSI - J HENRIQUE		15/10/2010		1 : 50		CM	
NRO PROJ. SIMETRIA:		421					
ARQUIVO PLT:		421 - EST - 367-XXX - R00D - PLT					
PROPRIETARIO:				RESPONSÁVEL TÉCNICO			
_____				_____			
RESPONSÁVEL TECNICO PELO PROJETO ESTRUTURAL							
_____ SIMETRIA ENGENHARIA E PROJETOS S/C LTDA CREA-3725-M/RP							