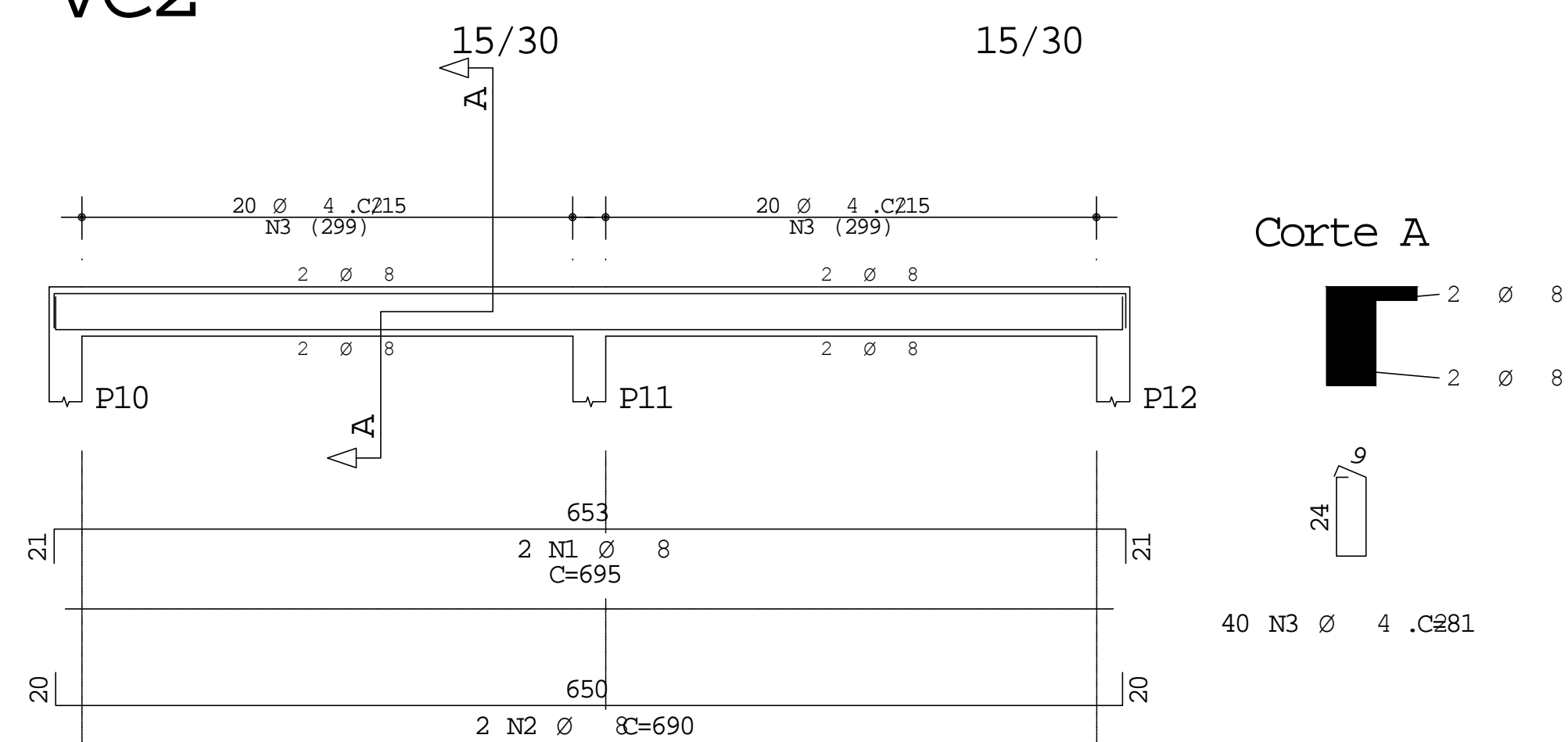
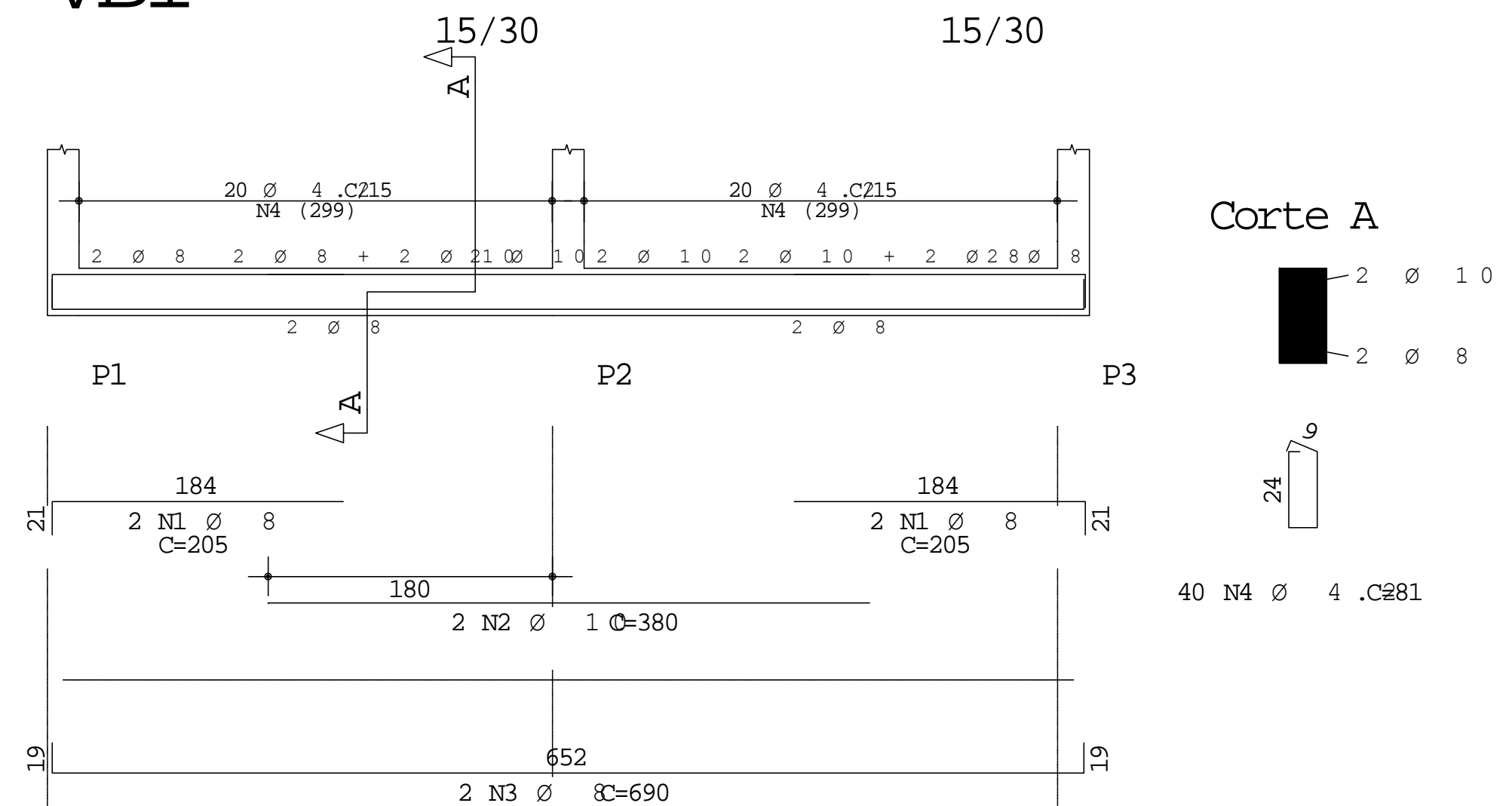


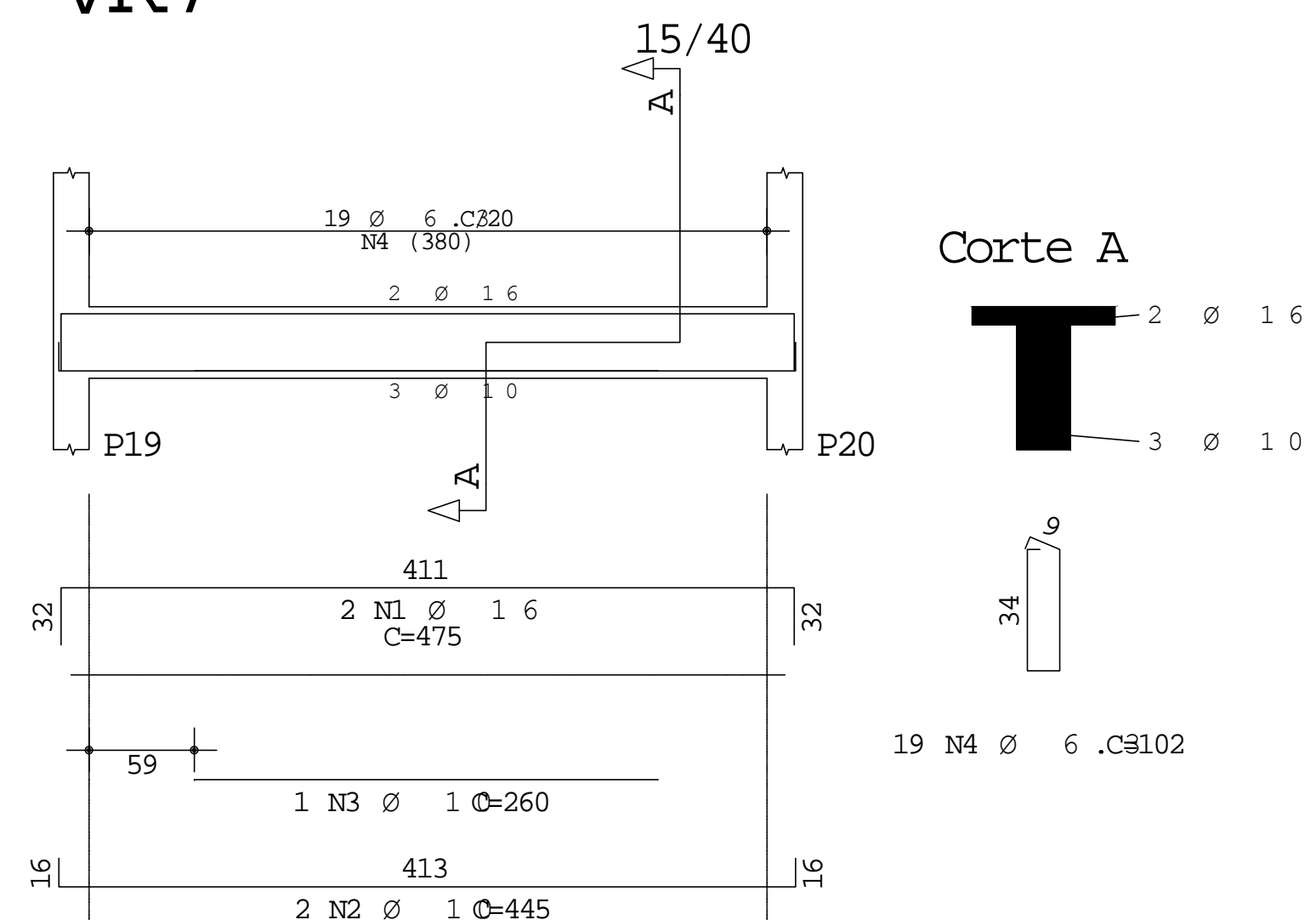
## VC2



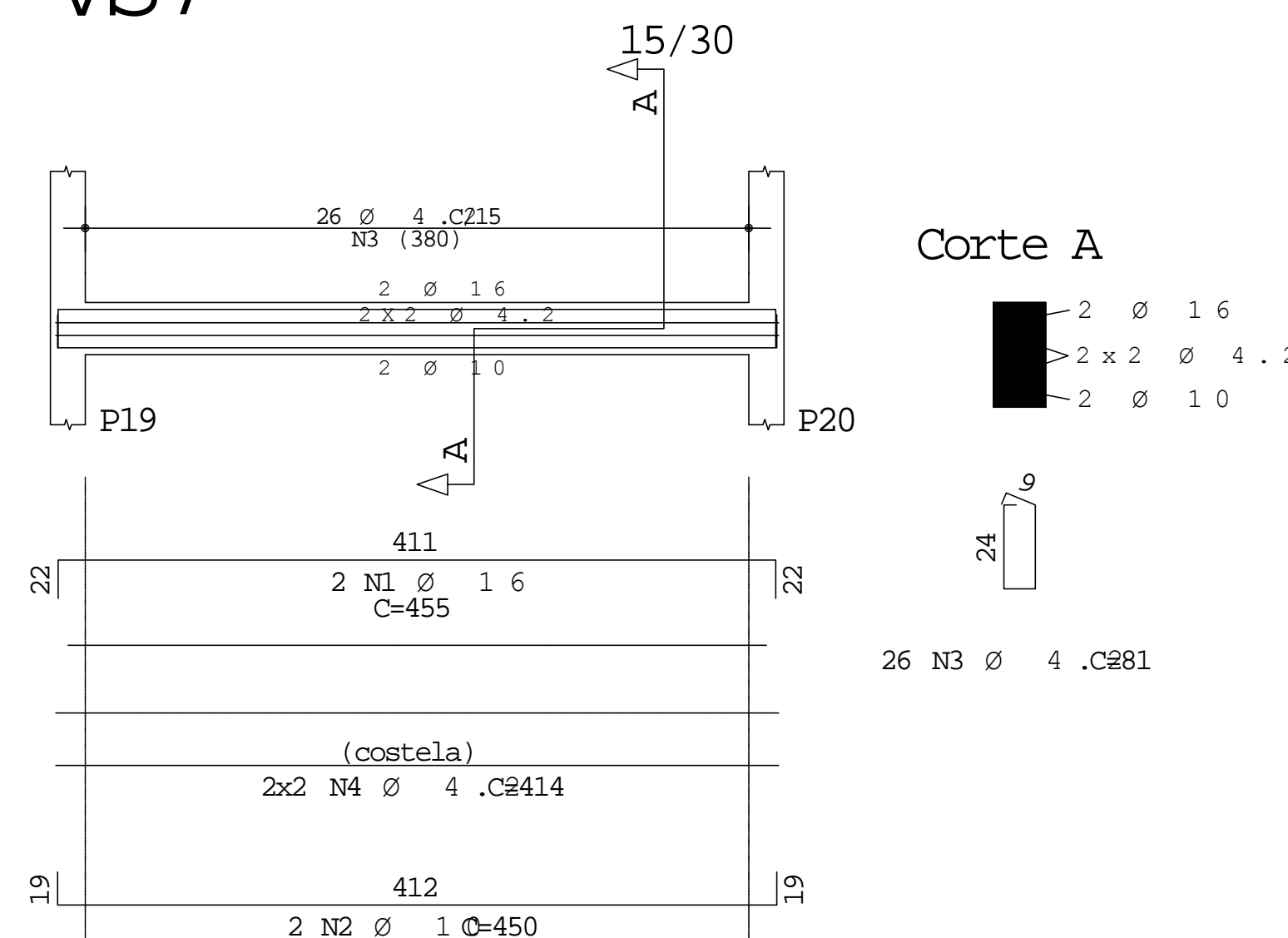
## VB1



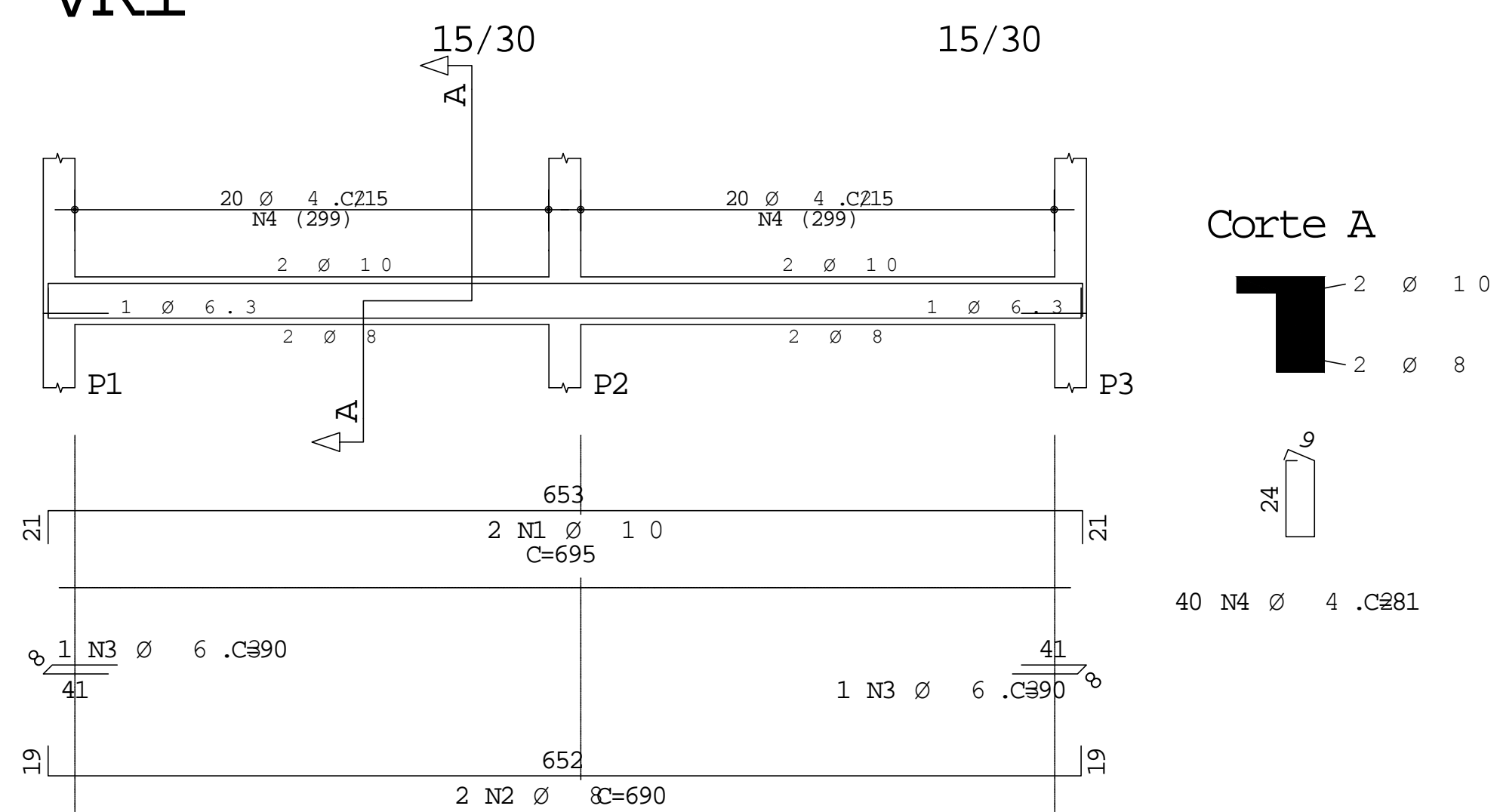
## VR7



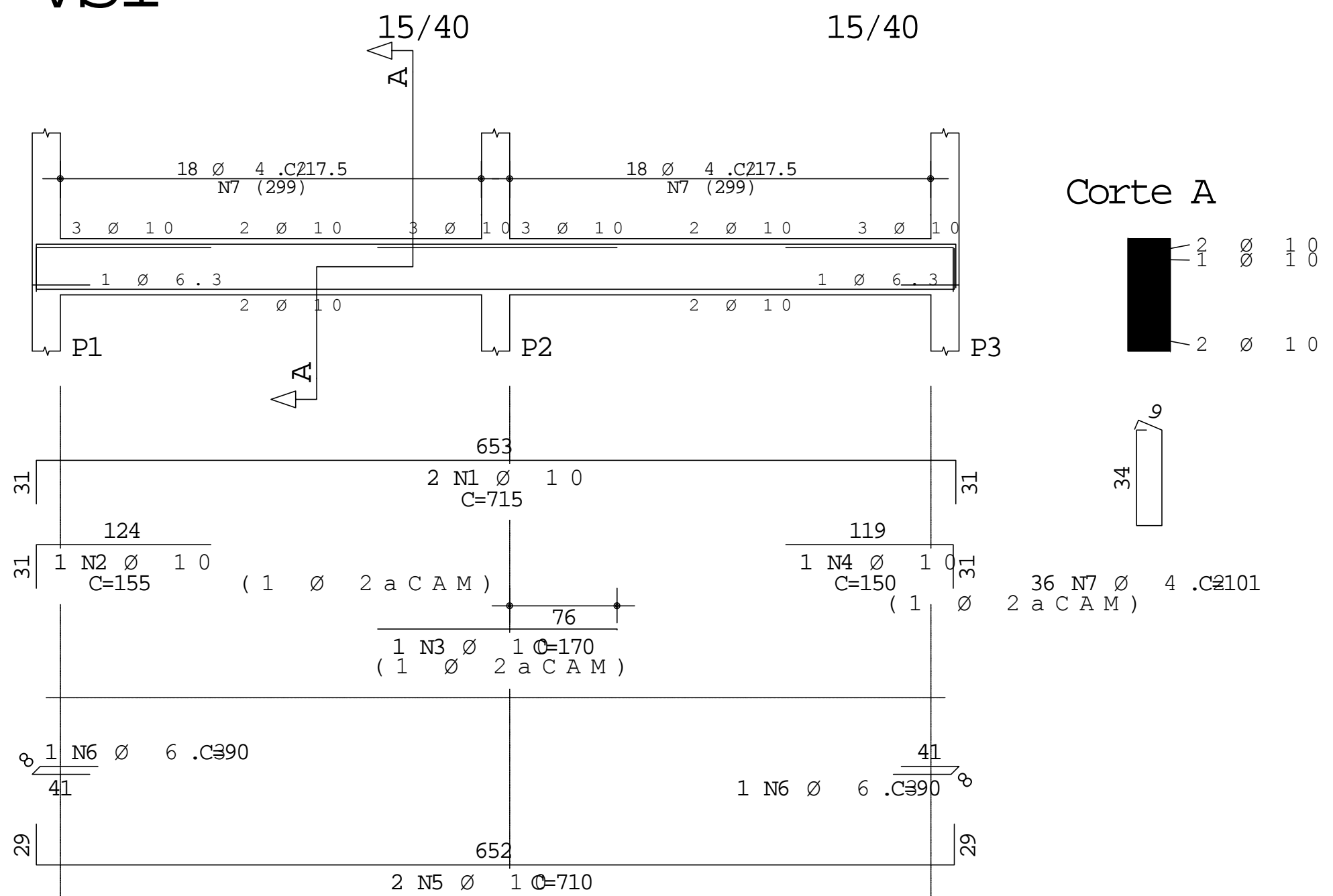
## VS7



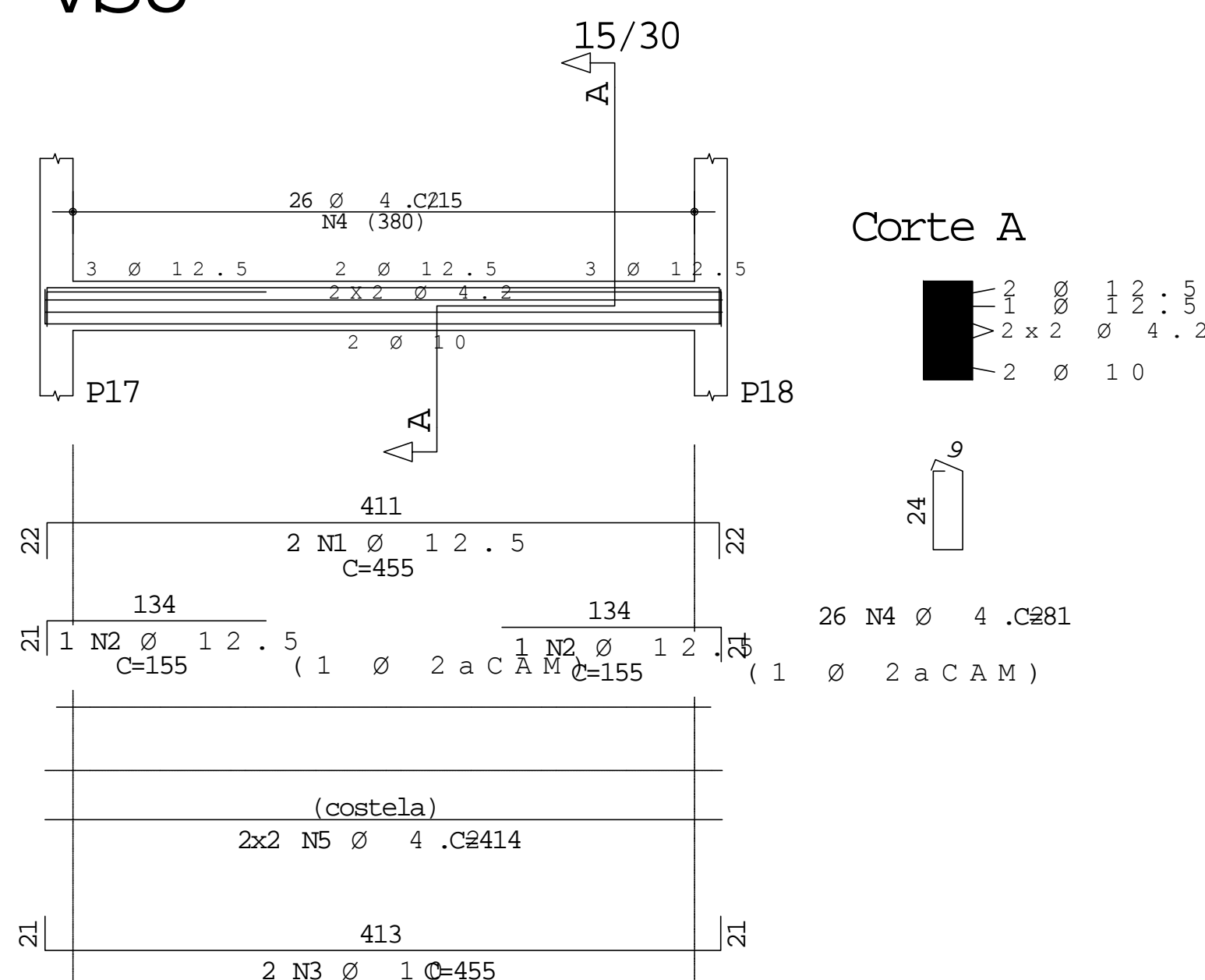
## VR1



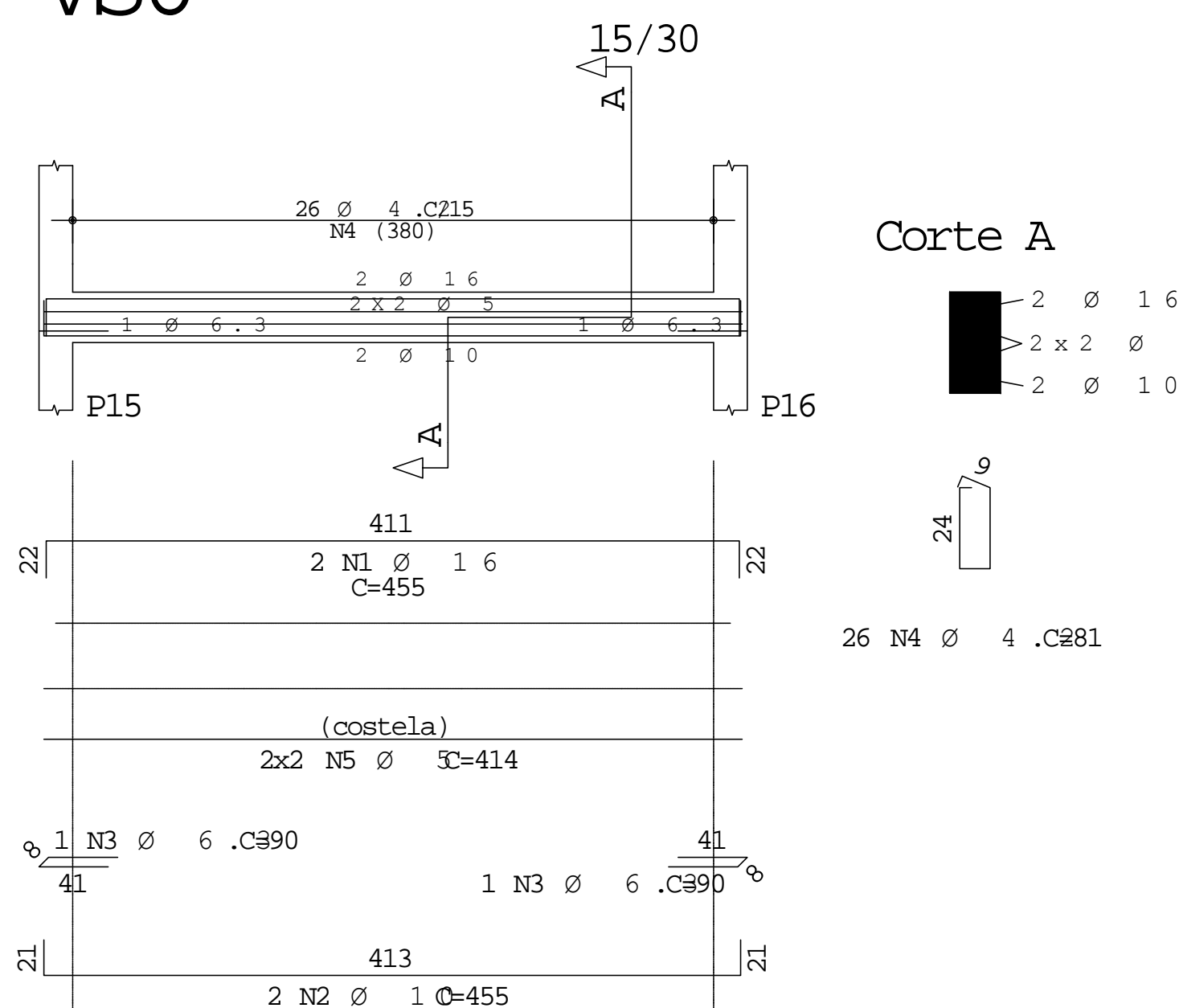
## VS1



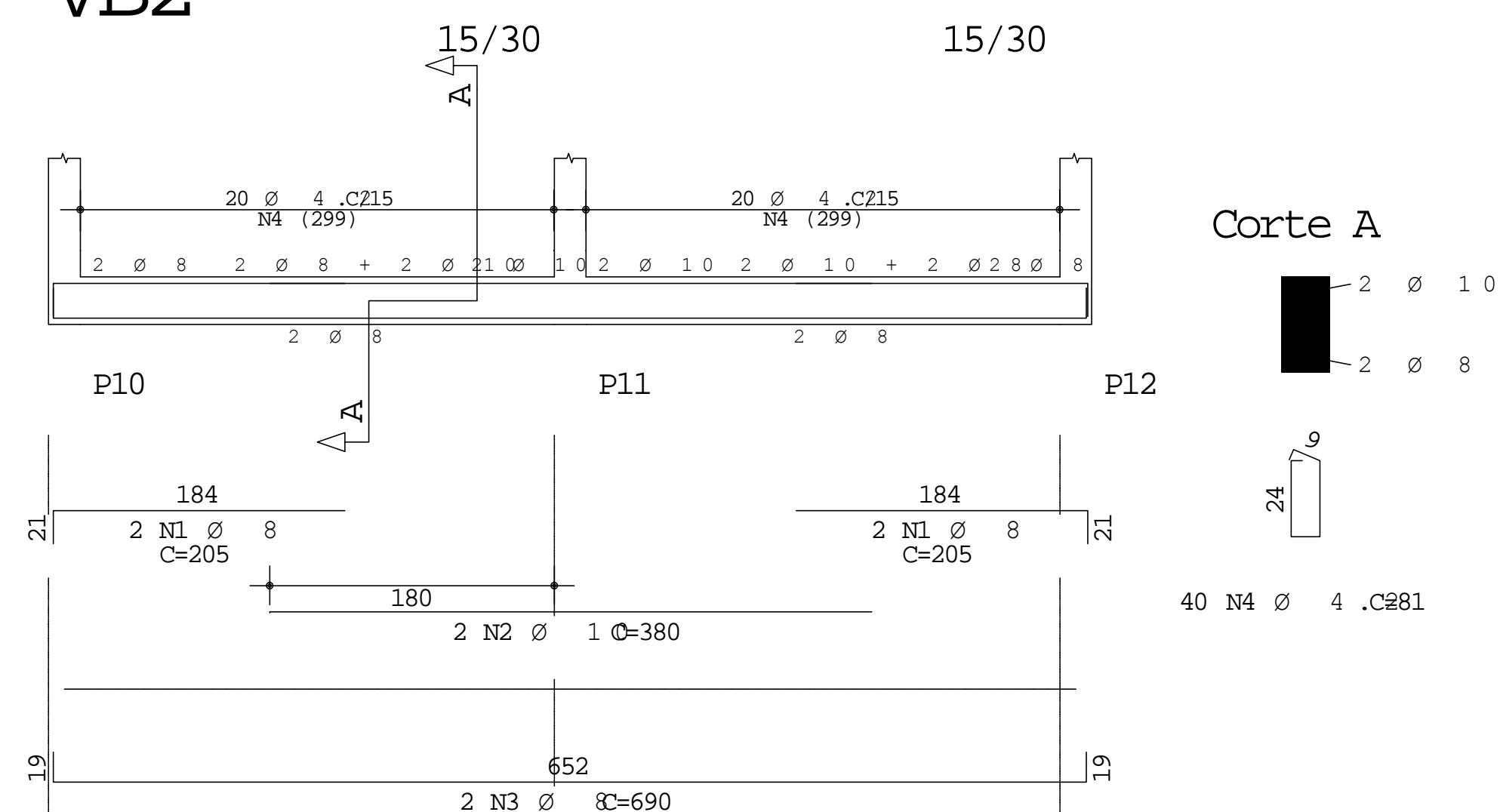
## VS8



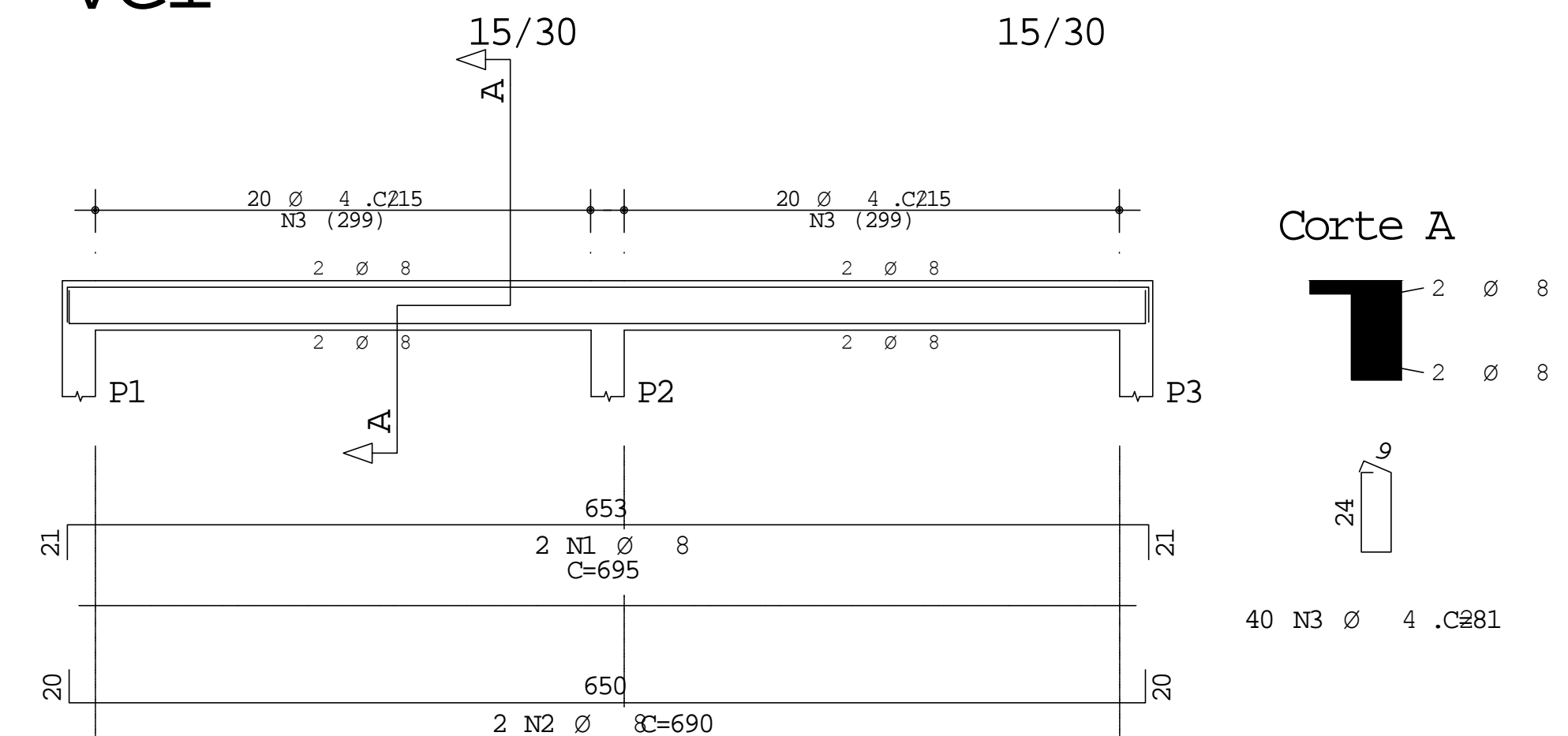
## VS6



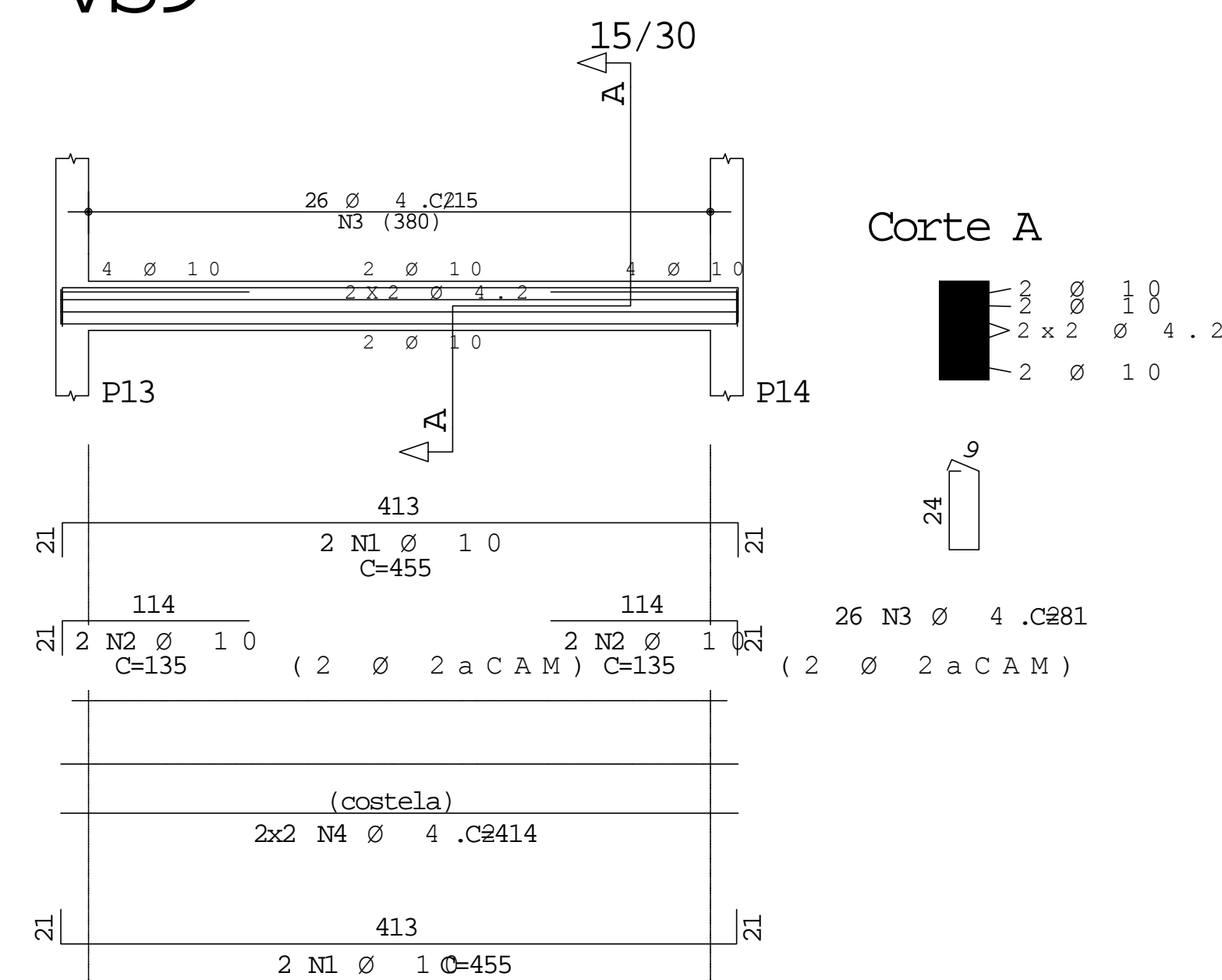
## VB2



## VC1



## VS9



		A	Ç	Ö	POS	BIT (mm)		QUANT	COMPLEMENT UNIT (cm)		TOTAL (cm)
VB1		50A	1		8		4	205		820	
		50A	2		10		2	380		760	
		50A	3		8		2	690		1380	
		60B	4		4.2		40	81		3240	
VB2		50A	1		8		4	205		820	
		50A	2		10		2	380		760	
		50A	3		8		2	690		1380	
		60B	4		4.2		40	81		3240	
VB6		60B	1		5		2	265		530	
		50A	2		8		4	120		480	
		50A	3		10		2	445		890	
		60B	4		4.2		26	81		2106	
VC1		50A	1		8		2	695		1390	
		50A	2		8		2	690		1380	
		60B	3		4.2		40	81		3240	
VC2		50A	1		8		2	695		1390	
		50A	2		8		2	690		1380	
		60B	3		4.2		40	81		3240	
VC8											
		50A	1		8		4	455		1820	
		60B	2		4.2		26	81		2106	
VR1		50A	1		10		2	695		1390	
		50A	2		8		2	690		1380	
		50A	3		6.3		2	90		180	
		60B	4		4.2		40	81		3240	
VR7		50A	1		16		2	475		950	
		50A	2		10		2	445		890	
		50A	3		10		1	260		260	
		50A	4		6.3		19	102		1938	
VR9		50A	1		10		3	475		1425	
		50A	2		10		2	445		890	
		60B	3		4.2		22	101		2222	
VS1		50A	1		10		2	715		1430	
		50A	2		10		1	155		155	
		50A	3		10		1	170		170	
		50A	4		10		1	150		150	
		50A	5		10		2	710		1420	
		50A	6		6.3		2	90		180	
		60B	7		4.2		36	101		3636	
VS6		50A	1		16		2	455		910	
		50A	2		10		2	455		910	
		50A	3		6.3		2	90		180	
		60B	4		4.2		26	81		2106	
		60B	5		5		4	414		1656	
VS7		50A	1		16		2	455		910	
		50A	2		10		2	450		900	
		60B	3		4.2		26	81		2106	
		60B	4		4.2		4	414		1656	
VS8		50A	1		12.5		2	455		910	
		50A	2		12.5		2	455		910	
		50A	3		10		2	455		910	
		60B	4		4.2		26	81		2106	
		60B	5		4.2		4	414		1656	
VS9		50A	1		10		4	455		1820	
		50A	2		10		4	135		540	
		60B	3		4.2		26	81		2106	
		60B	4		4.2		4	414		1656	

RESUMO AÇO CA 50 -			
AÇO	BIT (mm)	COMPR	PESO (kg)
60B	4.2	397	43
60B	5	22	3
50A	6.3	25	6
50A	8	136	54
50A	10	157	97
50A	12.5	12	12
50A	16	28	44
Peso Total	60B =		47 kg
Peso Total	50A =		212 kg

10					CEREA N.º
CLIENTE: UENP CCP					CCP_FID 2017
CEREA: BLOCO DE SALAS					DES. N.º
TÍTULO: BIOLOGIA/GEOGRAFIA/MATEMÁTICA/PÓS-GRADUAÇÃO					07/12
PROJETO ESTRUTURAL ABRIGO DOS RESERVATÓRIOS -VIGAS					REV. N.º
DATA: 15/11/2017	BSOMA: 1,50	PICK: 25 MPA	DECORNO	VERBUP.	END.º LINCOLN