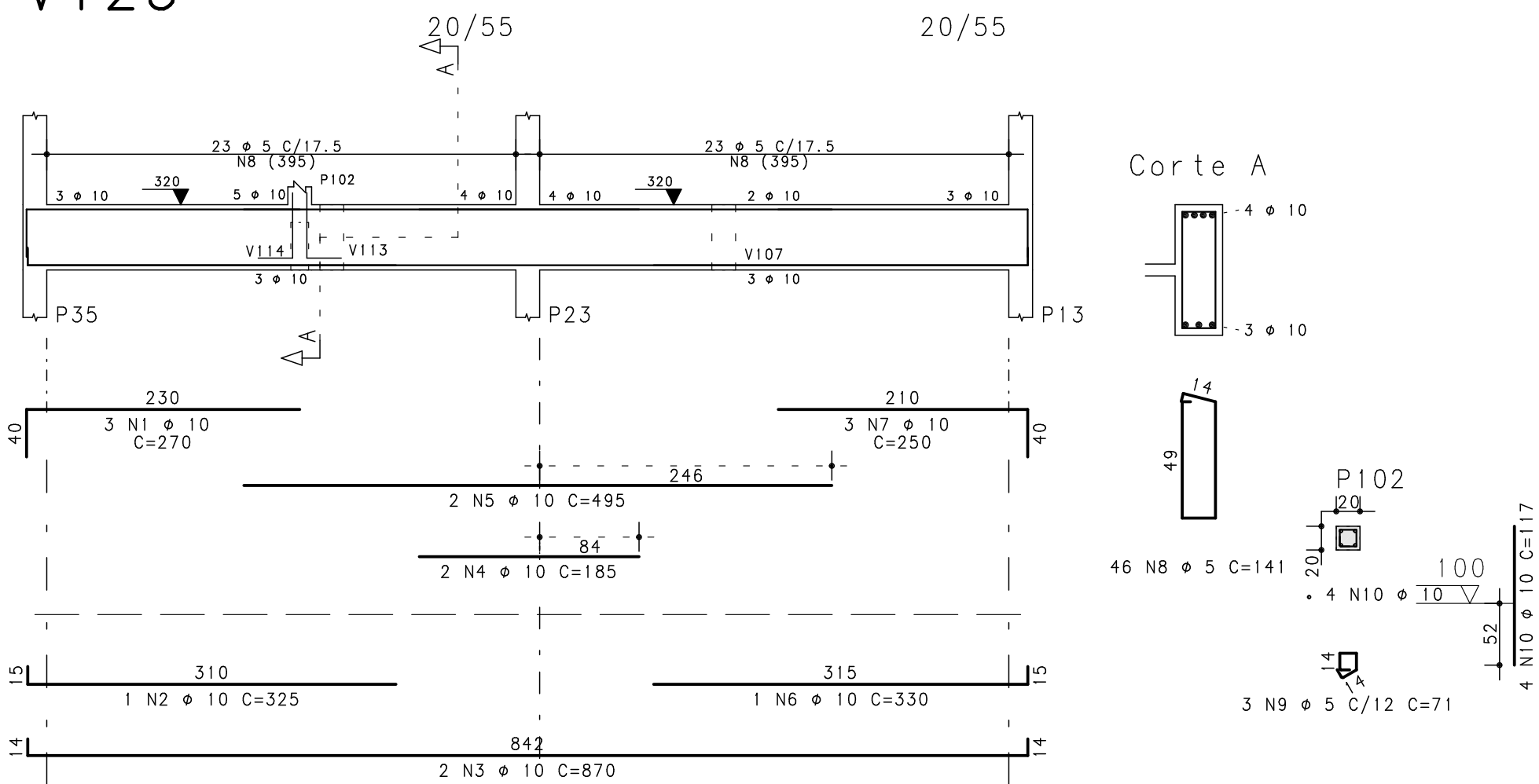
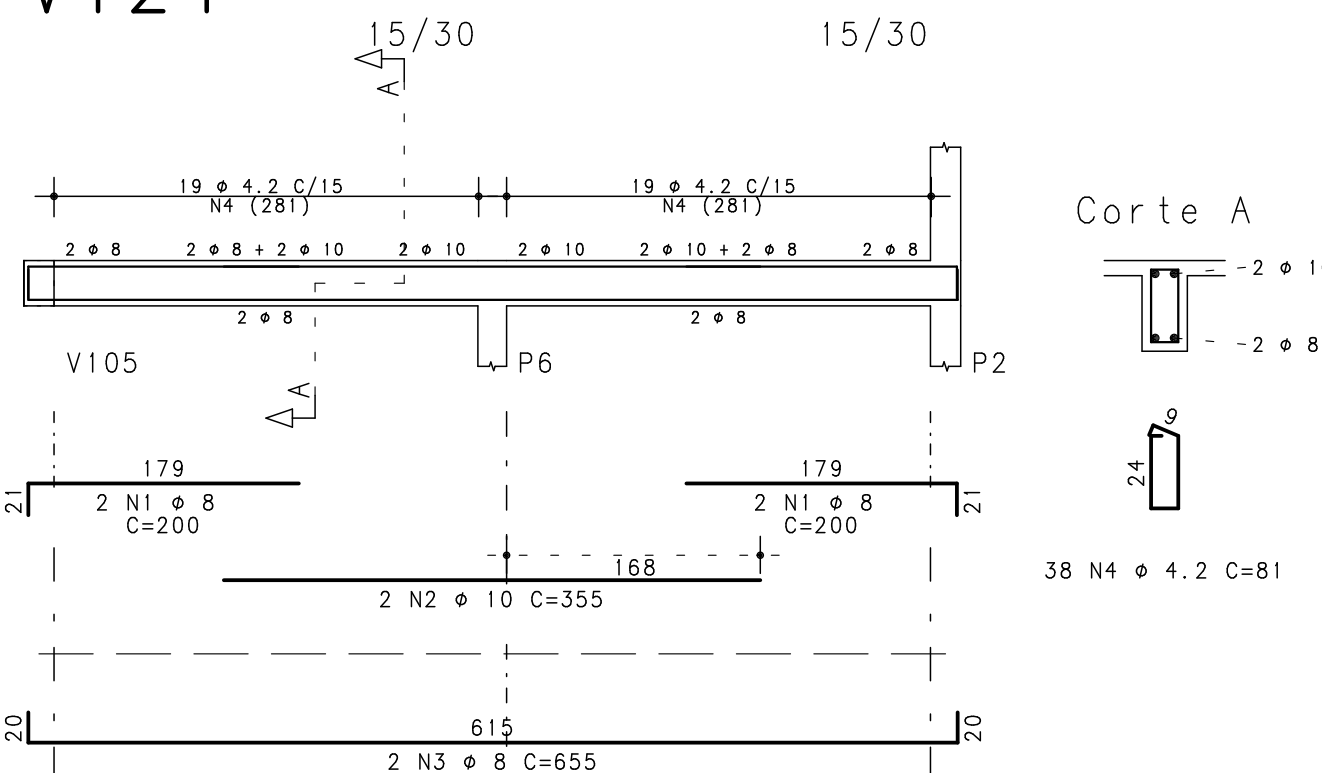


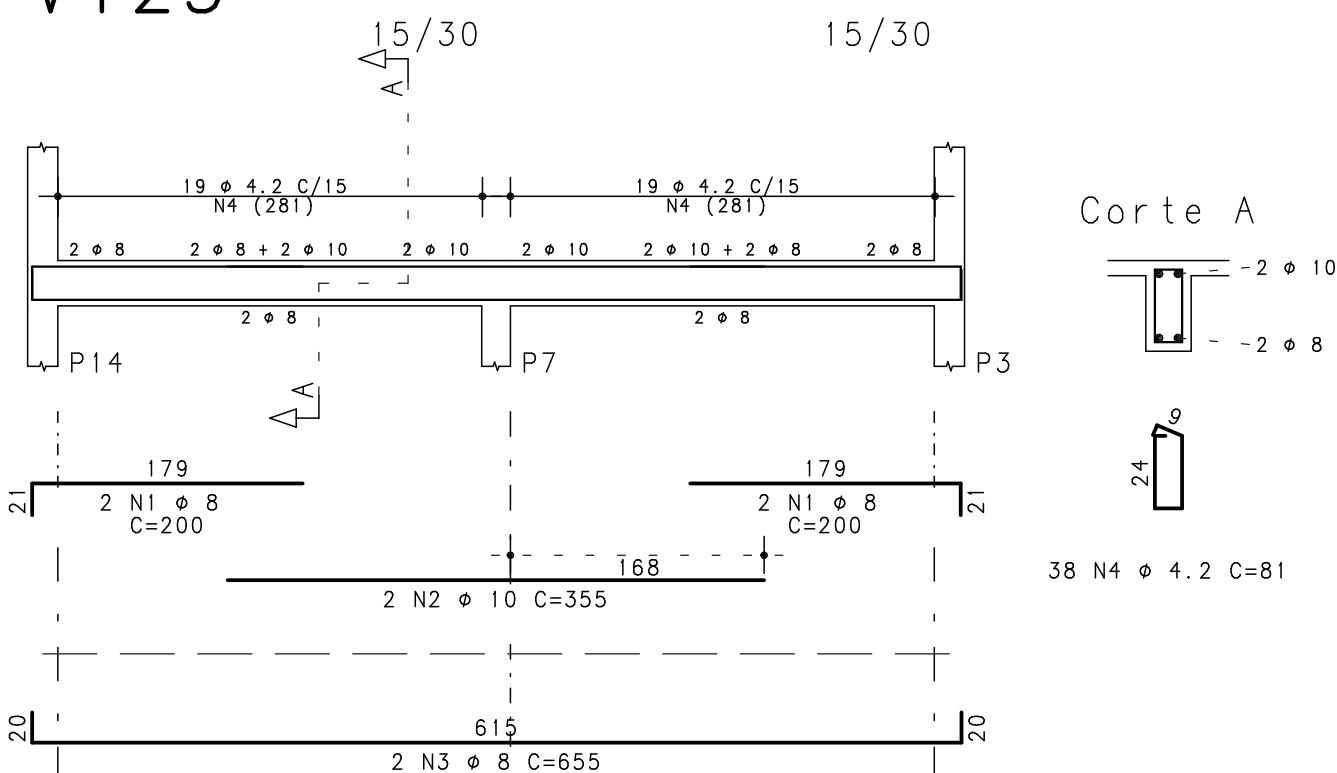
V 1 2 3



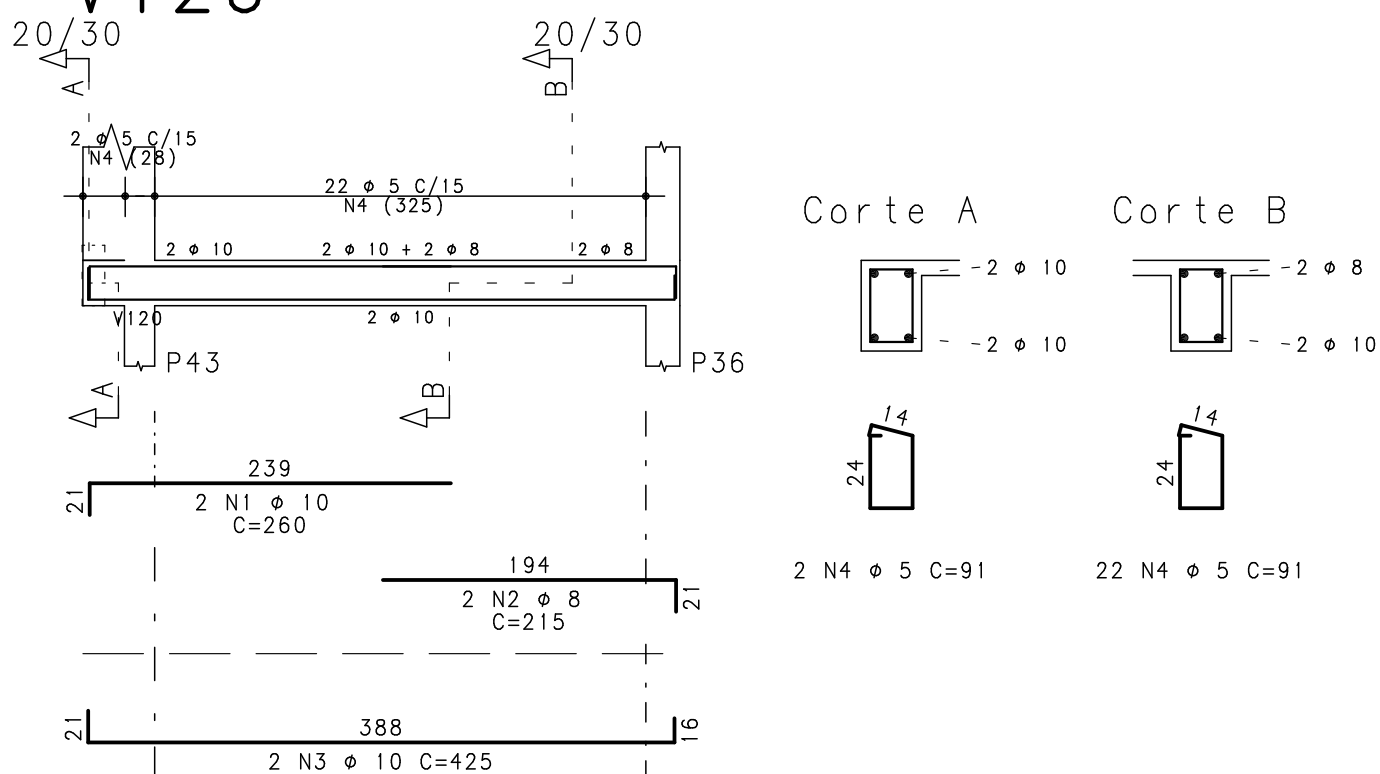
V 124



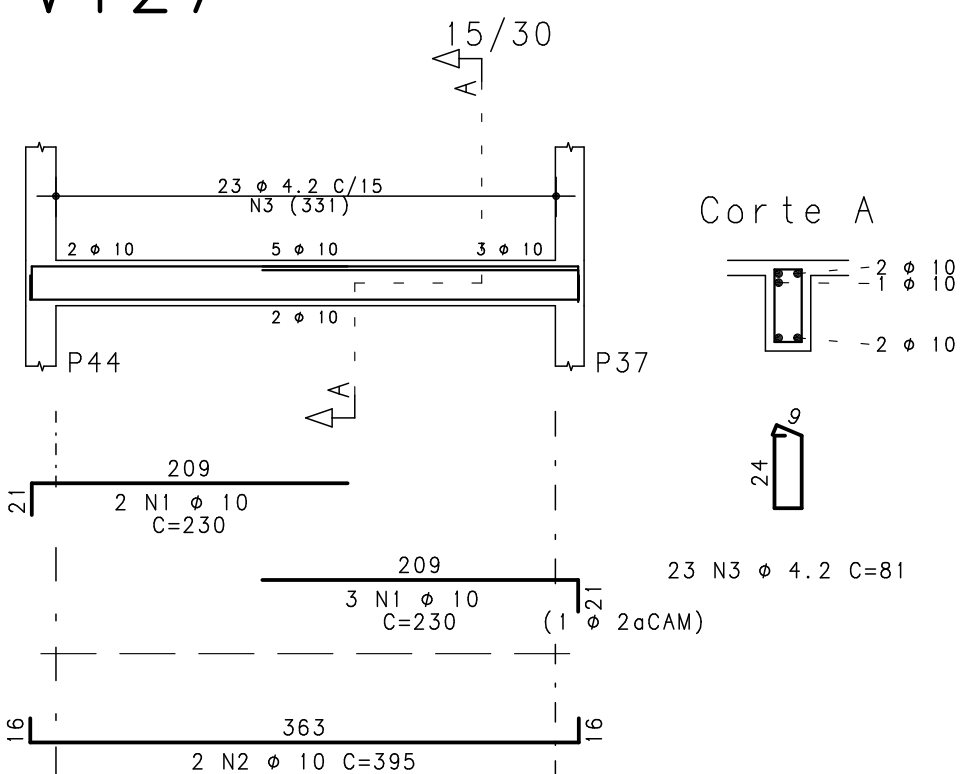
V 1 2 5



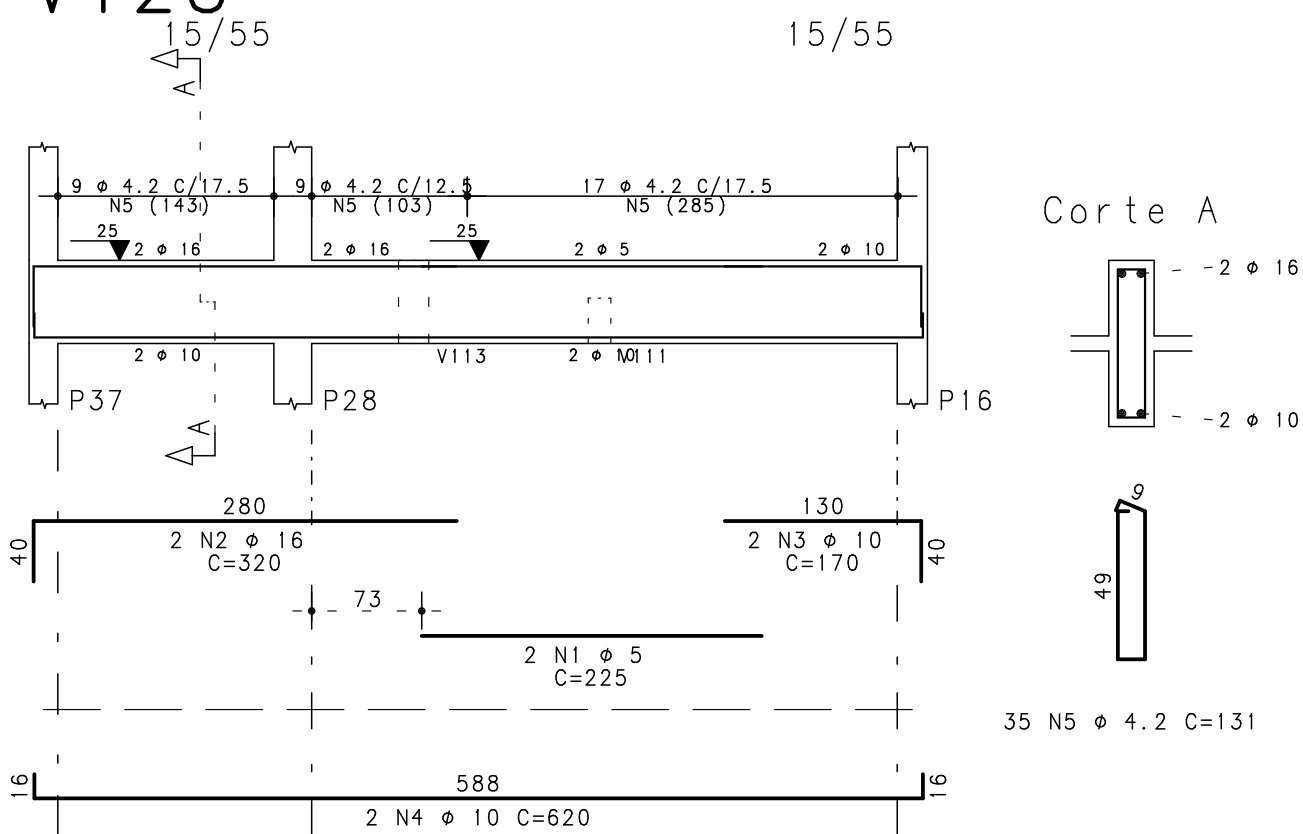
V126



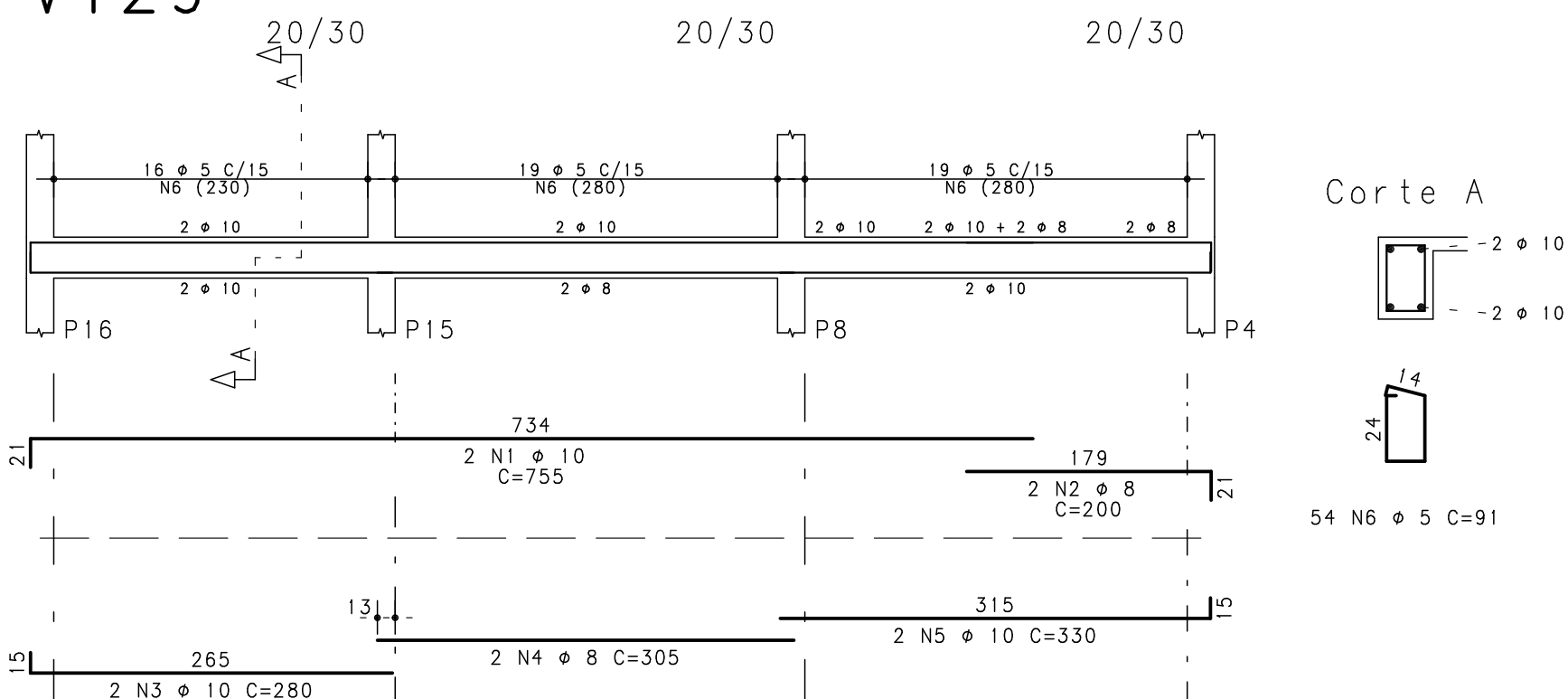
V 1 2 7



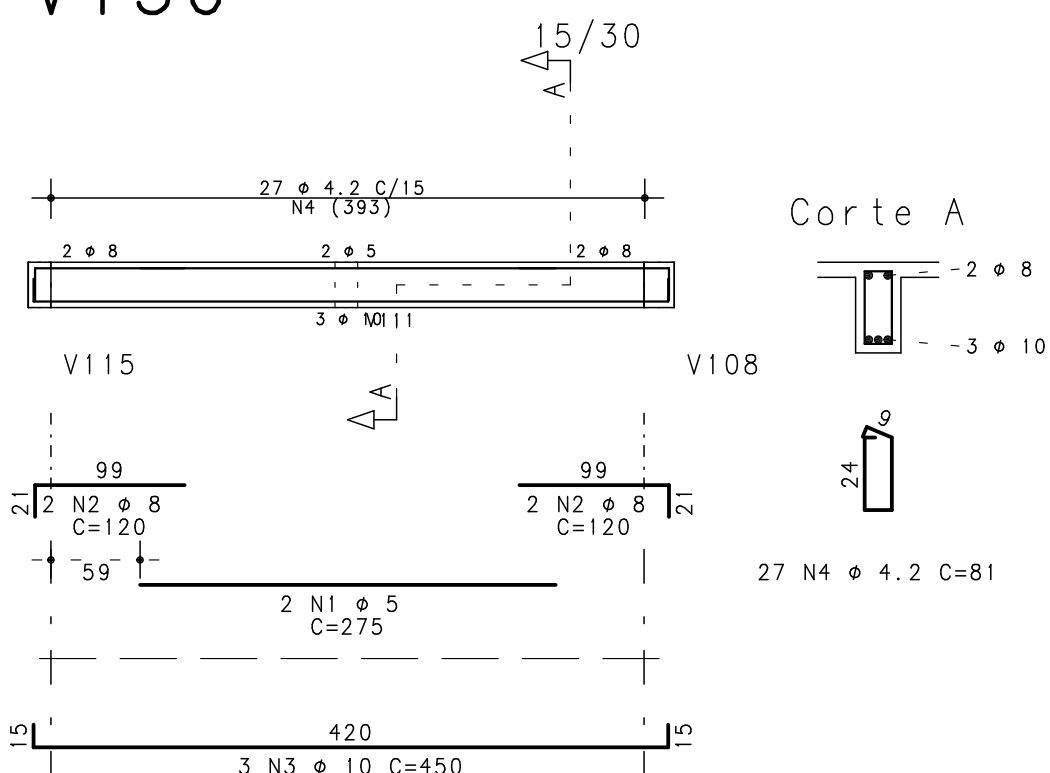
V 1 2 8



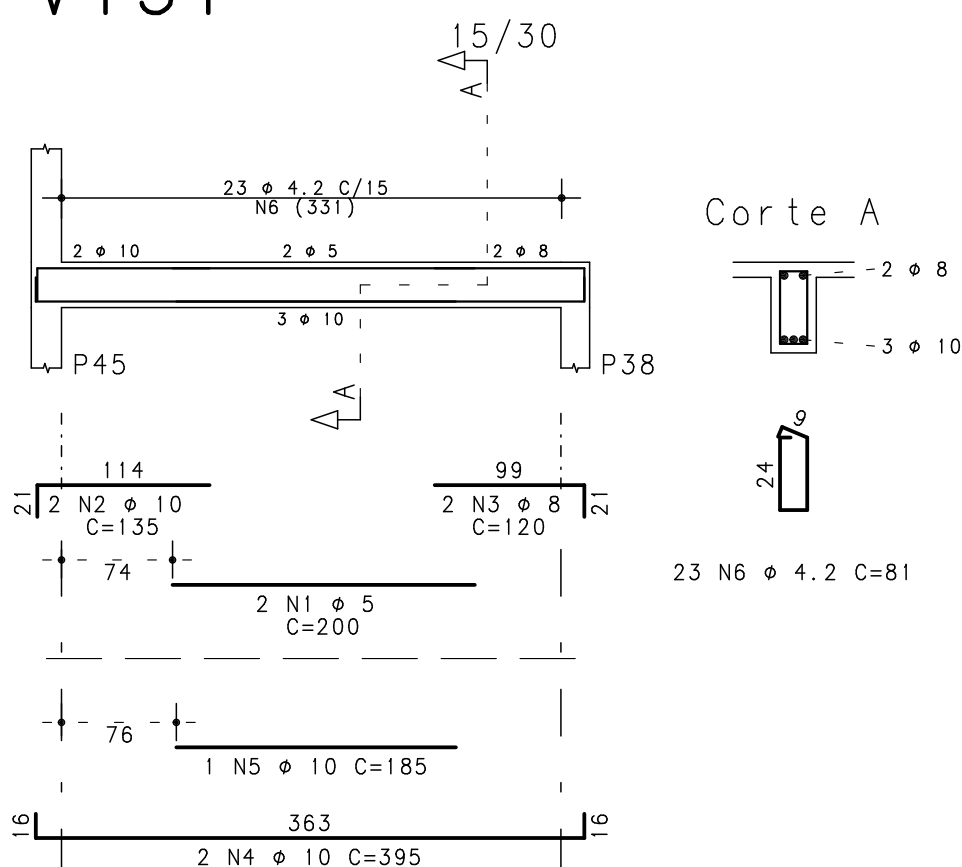
V 1 2 9



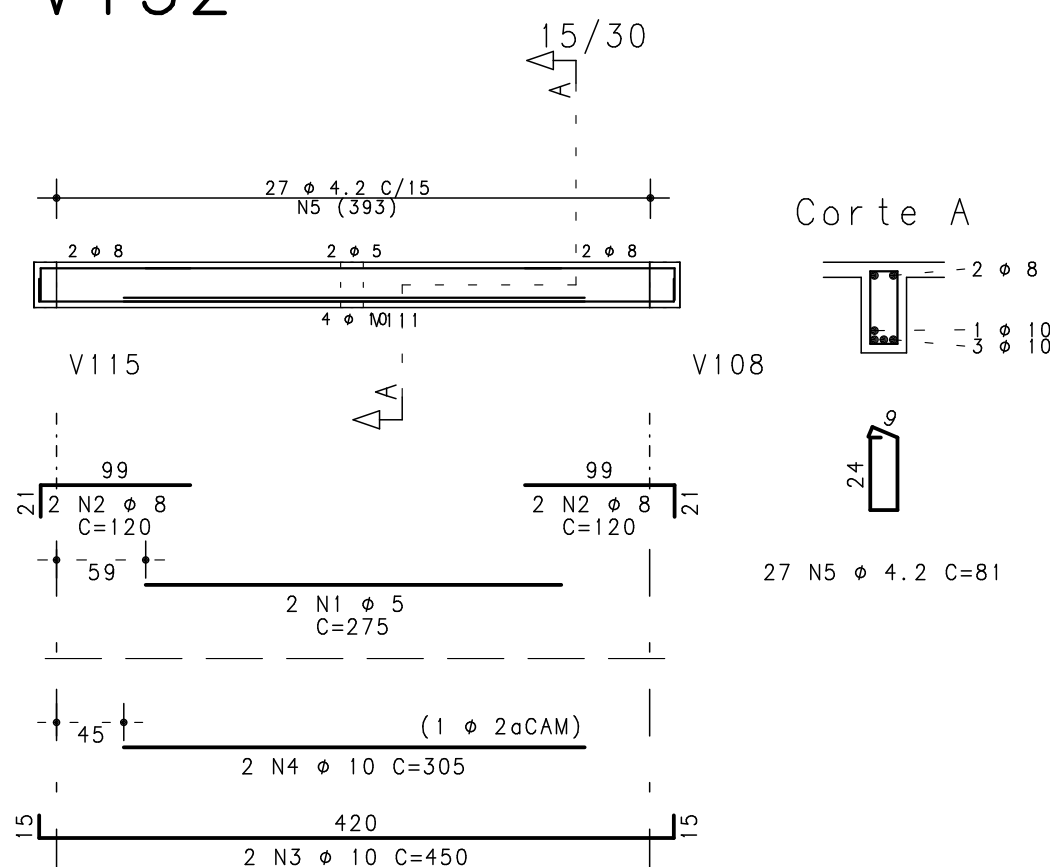
V 130



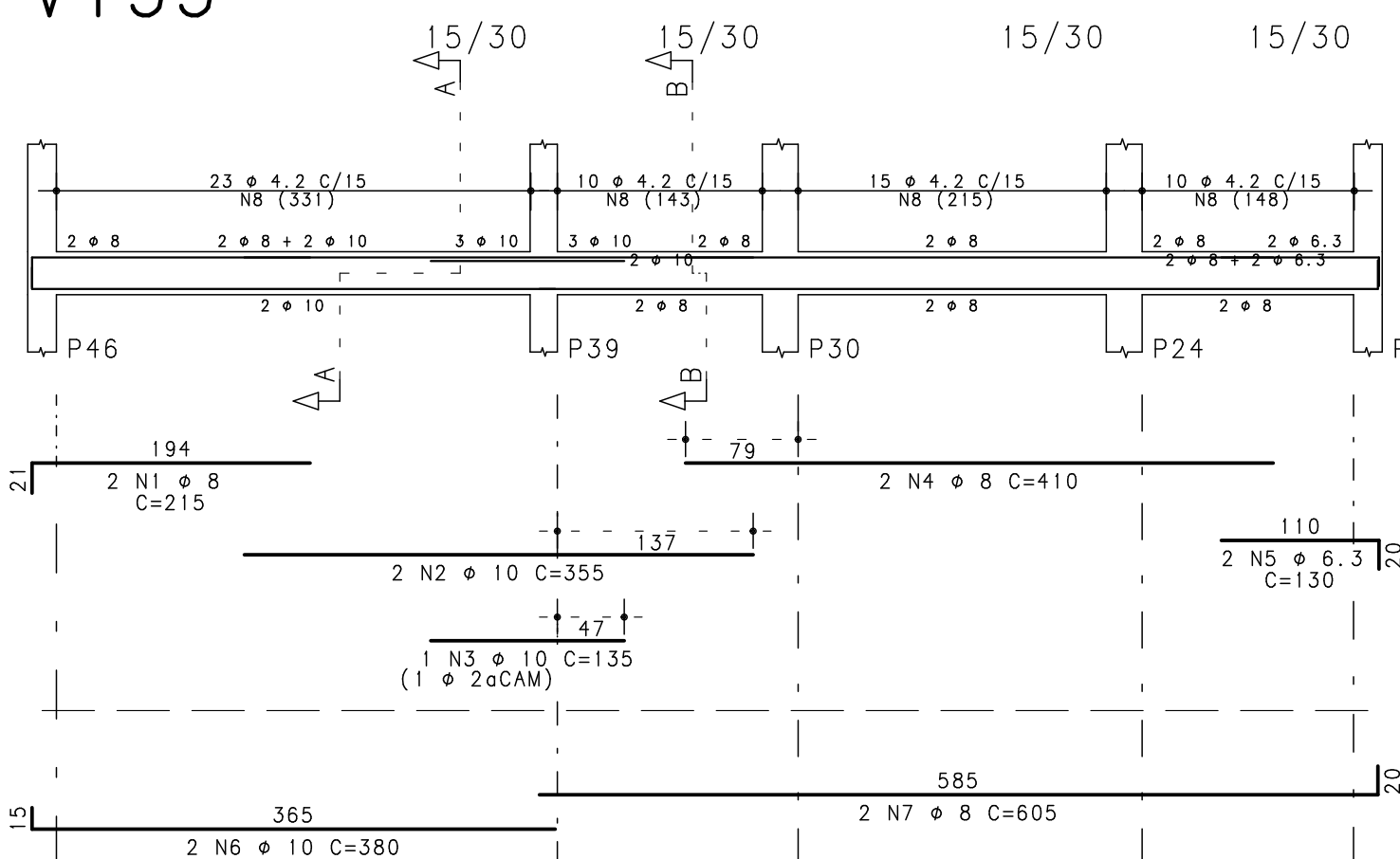
V 131



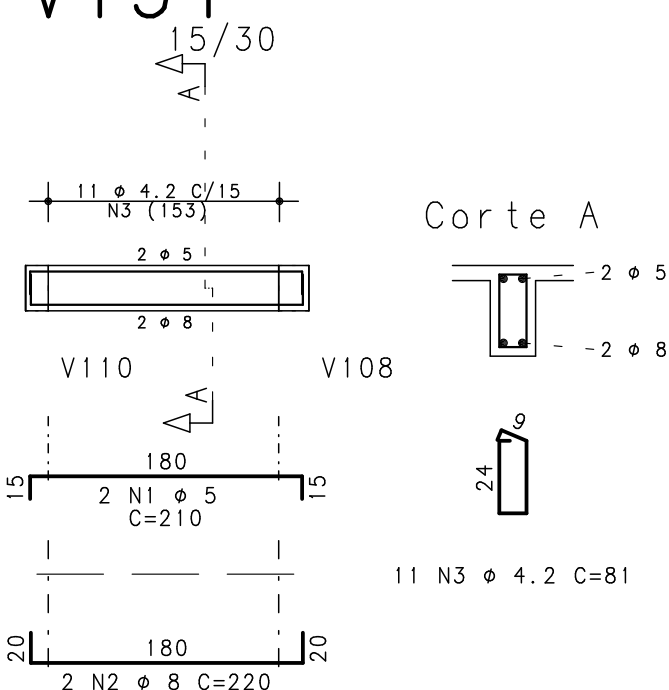
V 1 3 2



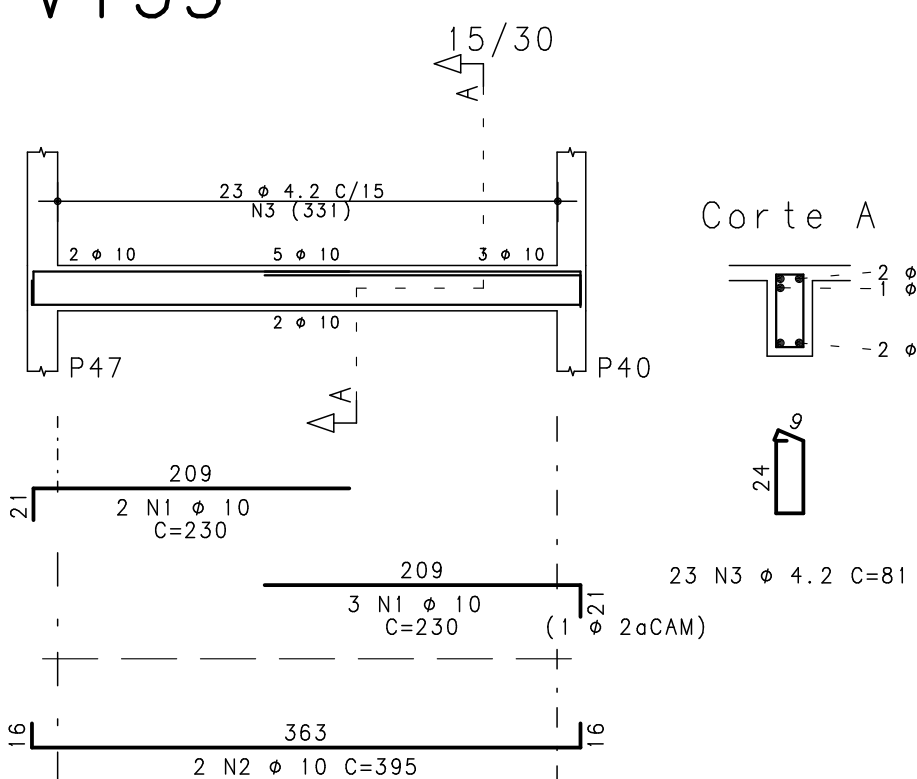
V 133



V 134




V 135



	ACO	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT (cm)	TOTAL (cm)
V123	50A	1	10	3	270	810
	50A	2	10	1	325	325
	50A	3	10	2	870	1740
	50A	4	10	2	185	370
	50A	5	10	2	495	990
	50A	6	10	1	330	330
	50A	7	5	3	250	750
	60B	8	5	46	141	6486
V124	60B	9	5	5	71	213
	50A	10	10	4	117	468
	50A	1	8	4	200	800
	50A	2	10	2	355	710
V125	50A	3	8	2	655	1310
	60B	4	4, 2	38	81	3078
	50A	1	8	4	200	800
V126	50A	2	10	2	355	710
	50A	3	8	2	85	170
	60B	4	4, 2	38	81	3078
V127	50A	1	10	2	260	520
	50A	2	8	2	215	430
	50A	3	10	2	425	850
V128	60B	4	5	24	91	2184
	50A	1	10	5	230	1150
	50A	2	10	2	395	790
V129	60B	3	4, 2	23	81	1863
	60B	1	5	2	225	450
	50A	2	16	2	320	640
V130	50A	3	10	2	170	340
	50A	4	10	2	620	1240
	60B	5	4, 2	35	131	4585
V131	50A	1	10	2	755	1510
	50A	2	8	2	200	400
	50A	3	10	2	280	560
V132	50A	4	8	2	305	610
	50A	5	10	2	330	660
	60B	6	5	54	91	4914
V133	60B	1	5	2	275	550
	50A	2	8	2	420	840
	50A	3	10	3	450	1350
V134	60B	4	4, 2	27	81	2187
	60B	1	5	2	200	400
	50A	2	10	2	135	270
V135	50A	3	8	2	120	240
	50A	4	10	2	395	790
	50A	5	10	1	185	185
V136	60B	6	4, 2	23	81	1863
	60B	1	5	2	275	550
	50A	2	8	4	120	480
V137	50A	3	10	2	450	900
	50A	4	10	2	305	610
	60B	5	4, 2	27	81	2187
V138	50A	1	8	2	215	430
	50A	2	10	2	355	710
	50A	3	10	1	135	135
V139	50A	4	8	2	410	820
	50A	5	6, 3	2	130	260
	50A	6	10	2	380	760
V140	60B	7	8	2	605	1210
	60B	8	4, 2	58	81	4698
	60B	1	5	2	210	420
V141	50A	2	8	2	220	440
	60B	3	4, 2	11	81	891
	50A	1	10	5	230	1150
V142	50A	2	8	2	305	700
	60B	3	4, 2	23	81	1863

RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg.)
60B	4,2	263	29
60B	5	162	25
50A	6,3	3	1
50A	8	98	39
50A	10	225	139
50A	16	6	10
Peso Total	60B =		54 kg
Peso Total	50A =		188 kg

 Gigante & Simch engenharia civil estruturas e sonoplastias			
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Fernando Petrucci Gigante Eng. Civil - CREA-RS 45232		Paulo Rogério Maffini Simch Eng. Civil - CREA-RS 78208	
2			
1			
0			
Rev	Data	Autor	Assunto
CONCRETO f'ck = 250 kgf/cm ²		SOBRECARGA PREVISTA	
CLIMATE		OBRA N.º <div style="font-size: 2em; text-align: center;">0001</div>	
OBRA		DES. N.º <div style="font-size: 2em; text-align: center;">019</div>	
TÍTULO Nível 100 Armadura das Vigas 3-4 <div style="margin-top: 10px;"> V123 / V124 / V125 / V126 V127 / V128 / V129 / V130 V131 / V132 / V133 / V134 V135 </div>		REV. N.º <div style="font-size: 2em; text-align: center;">00</div>	
DATA	ESCALA	DESENHO	COORD.
18/08/2015	1:50	UBS-100-VIG-019-R00	ENG.º