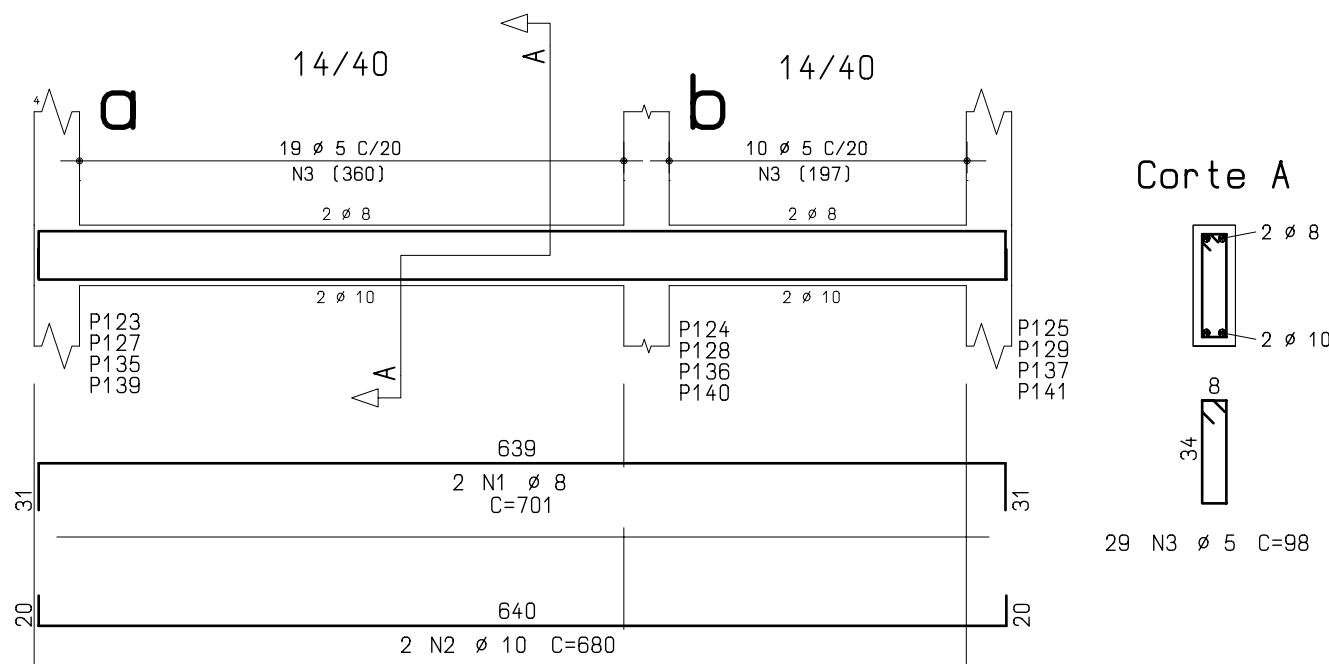
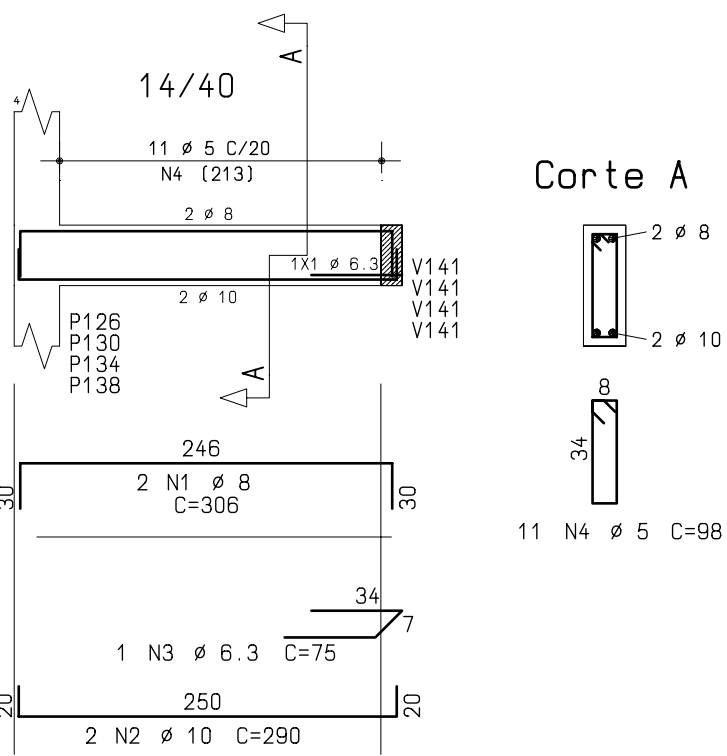


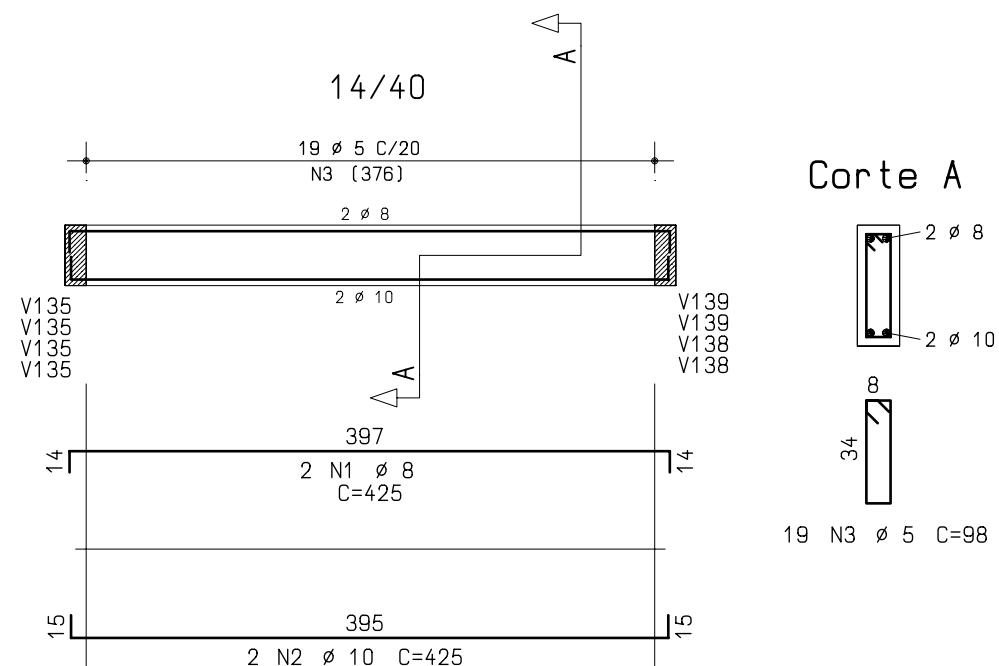
V111=V114=V120=V123



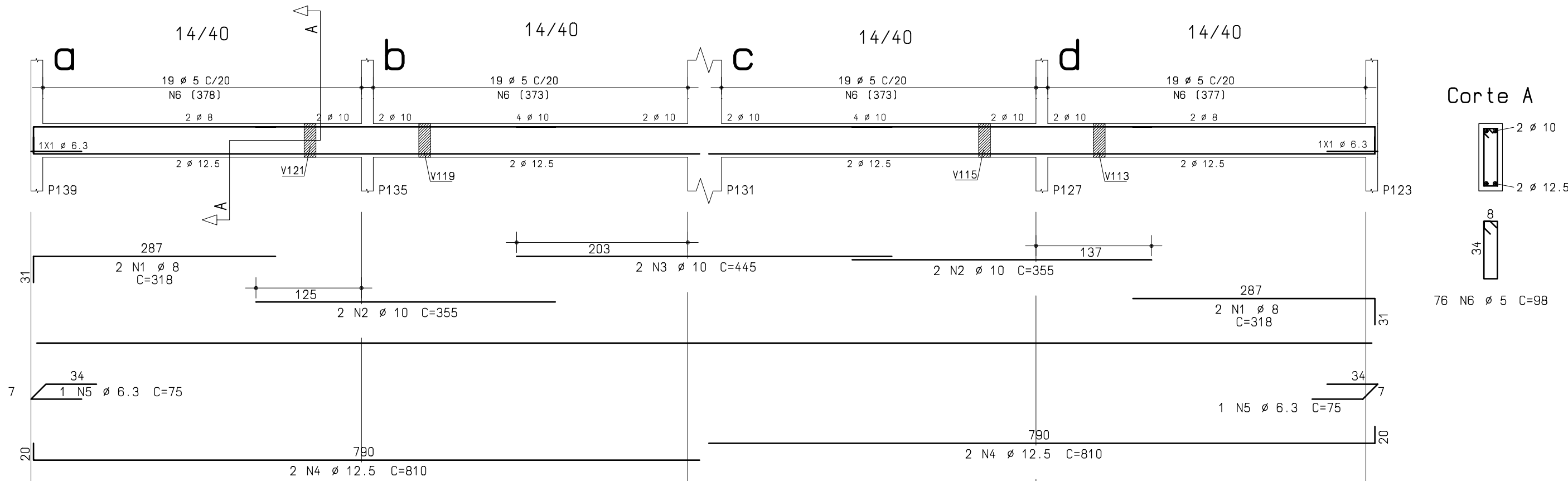
V112=V116=V118=V122



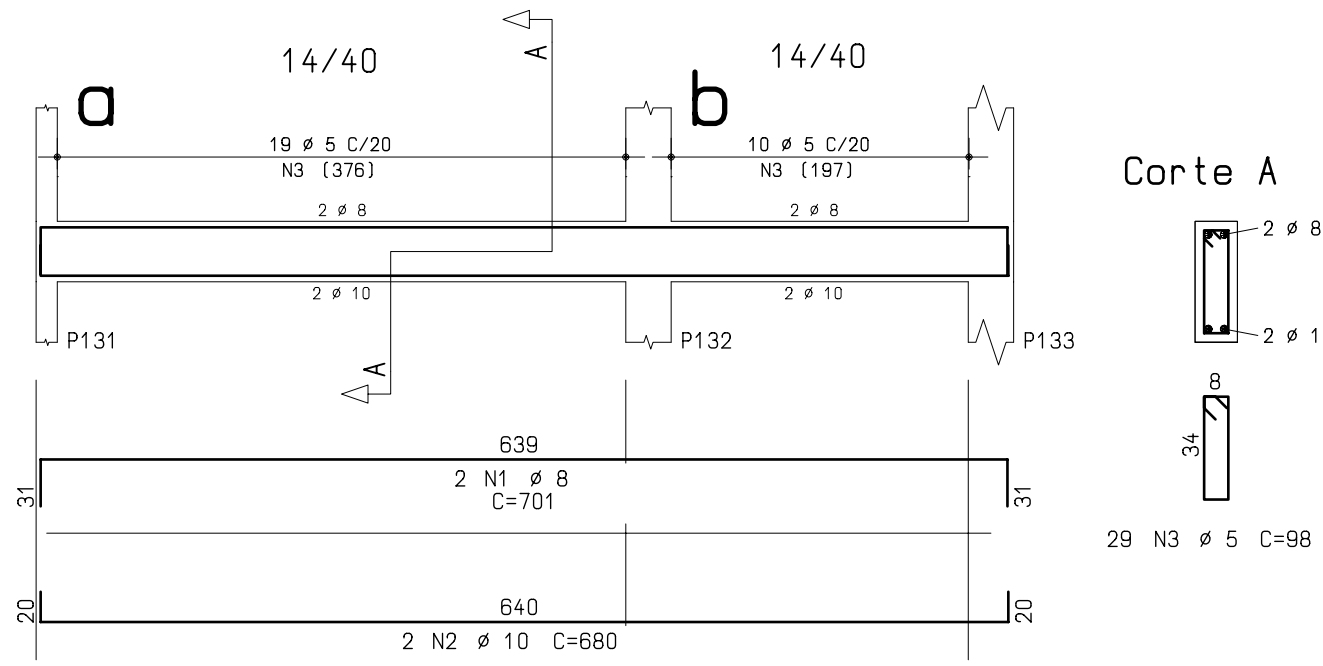
V113=V115=V119=V121



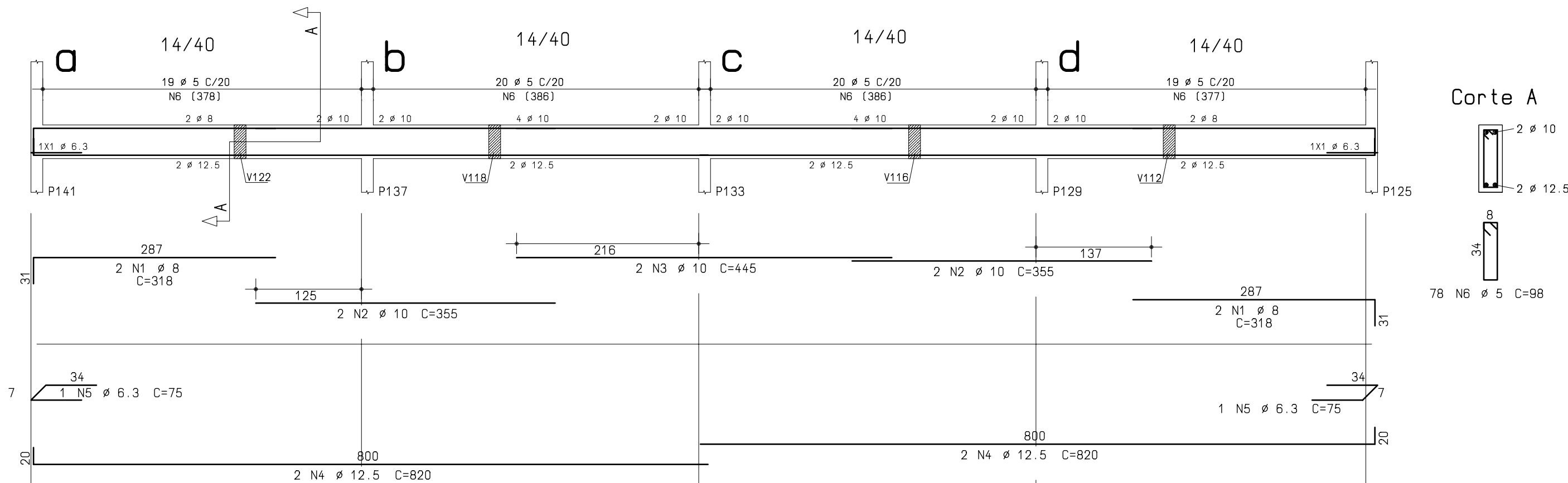
V135



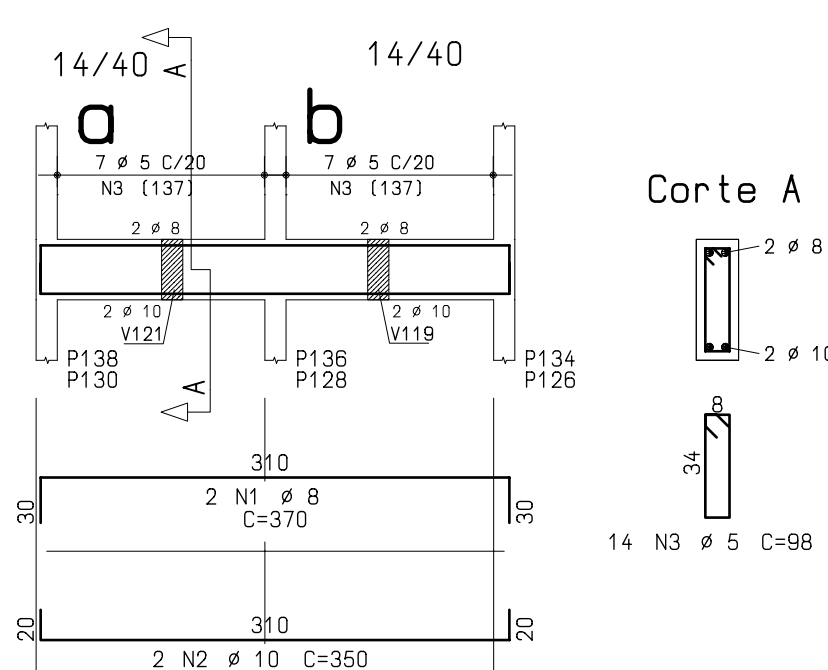
V117



V141



V138=V139



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO		
				UNIT (cm)	TOTAL (cm)	
V111=V114=V120=V123 (X4)						
	50A	1	8	8	701	5608
	50A	2	10	8	680	5440
	60B	3	5	116	98	11368
V112=V116=V118=V122 (X4)						
	50A	1	8	8	306	2448
	50A	2	10	8	290	2320
	50A	3	6.3	4	75	300
	60B	4	5	44	98	4312
V113=V115=V119=V121 (X4)						
	50A	1	8	8	425	3400
	50A	2	10	8	425	3400
	60B	3	5	76	98	7448
V117						
	50A	1	8	2	701	1402
	50A	2	10	2	680	1360
	60B	3	5	29	98	2842
V135						
	50A	1	8	4	318	1272
	50A	2	10	4	355	1420
	50A	3	10	2	445	890
	50A	4	12.5	4	810	3240
	50A	5	6.3	2	75	150
	60B	6	5	76	98	7448
V138=V139 (X2)						
	50A	1	8	4	370	1480
	50A	2	10	4	350	1400
	60B	3	5	28	98	2744
V141						
	50A	1	8	4	318	1272
	50A	2	10	4	355	1420
	50A	3	10	2	445	890
	50A	4	12.5	4	820	3280
	50A	5	6.3	2	75	150
	60B	6	5	78	98	7644

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	438	70
50A	6.3	6	2
50A	8	189	68
50A	10	185	117
50A	12.5	65	65
Peso Total 60B =			70 kg
Peso Total 50A =			251 kg

REVISÃO	DATA	ALTERAÇÕES
A		
B		
C		

OBRA		CONDOMÍNIO POR UNIDADES AUTÔNOMAS	
ENDEREÇO		AVENIDA JUCA BATISTA, 9742 - PORTO ALEGRE / RS	
PROPRIETÁRIO		1 INCORPORAÇÕES LTDA.	
TÍTULO	DATA	DESENHO	PCR
ARMADURAS VIGAS NÍVEL TÉRREO	21/08/2013		25,0 MPa
PROJETO	REVISÃO	COMENTÁRIOS	
TLS	-	vigas/pilares - 3,0 cm lajes - 2,5 cm	
ESCALA	PRANCHAS	S / E	
		07	