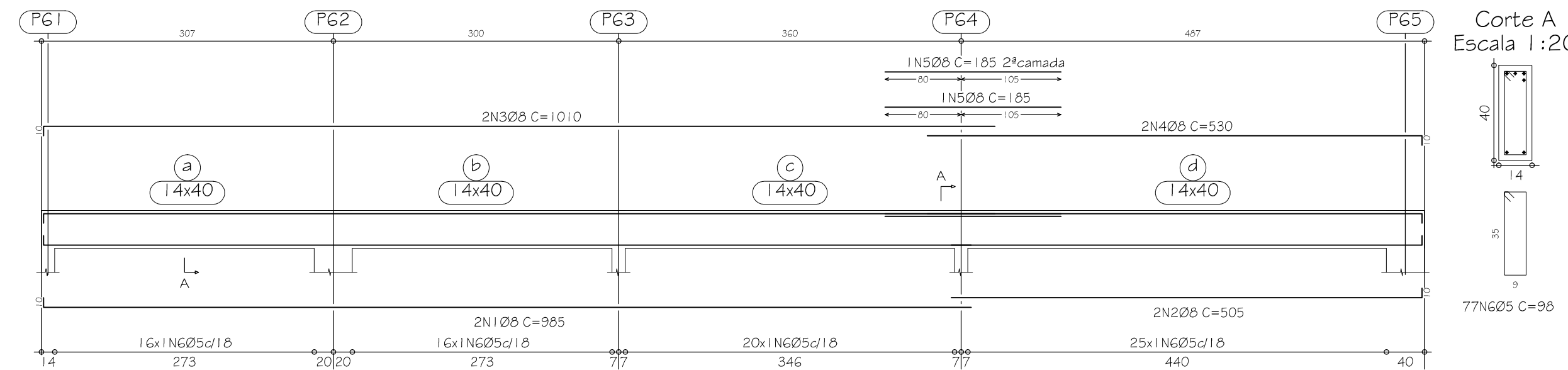
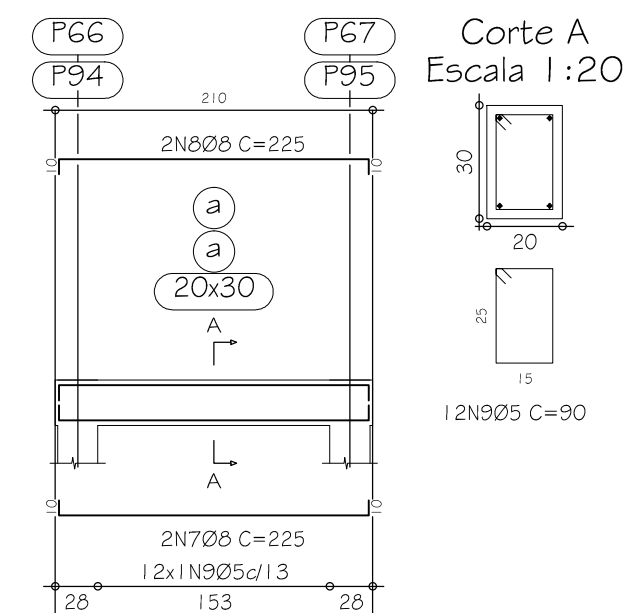


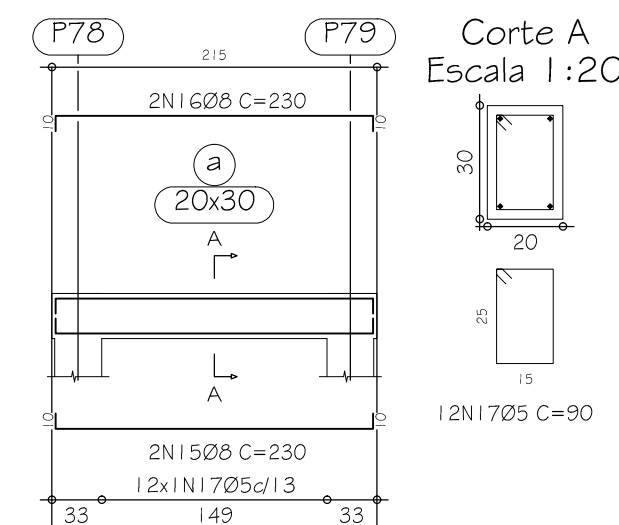
V 24
Escala 1:50



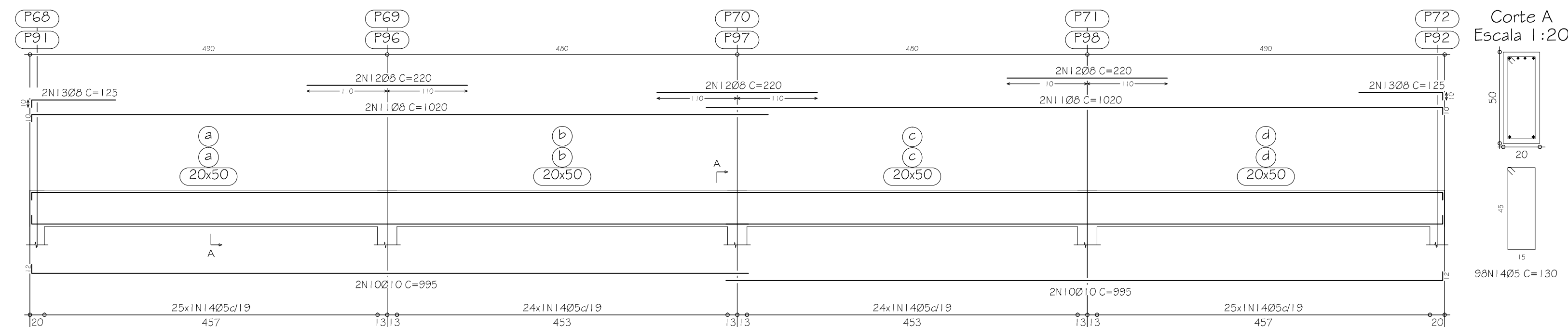
V 25
V 29
Escala 1:50



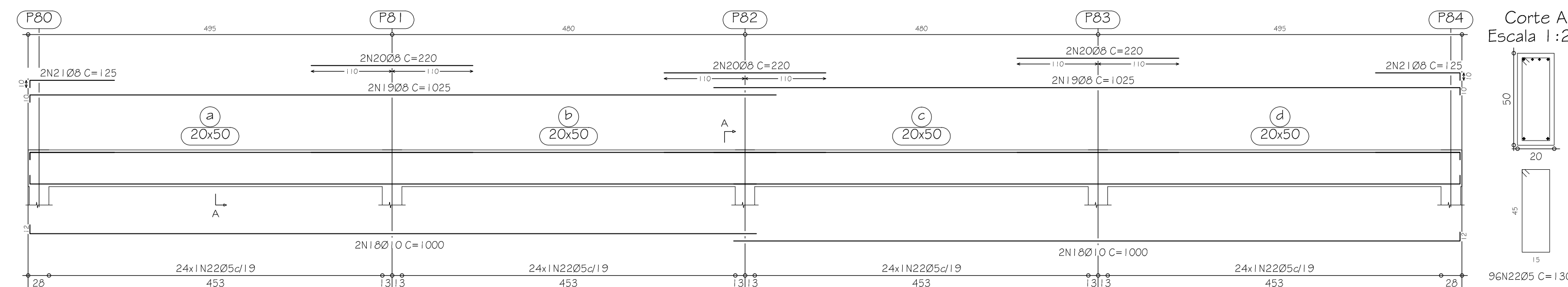
V 27
Escala 1:50



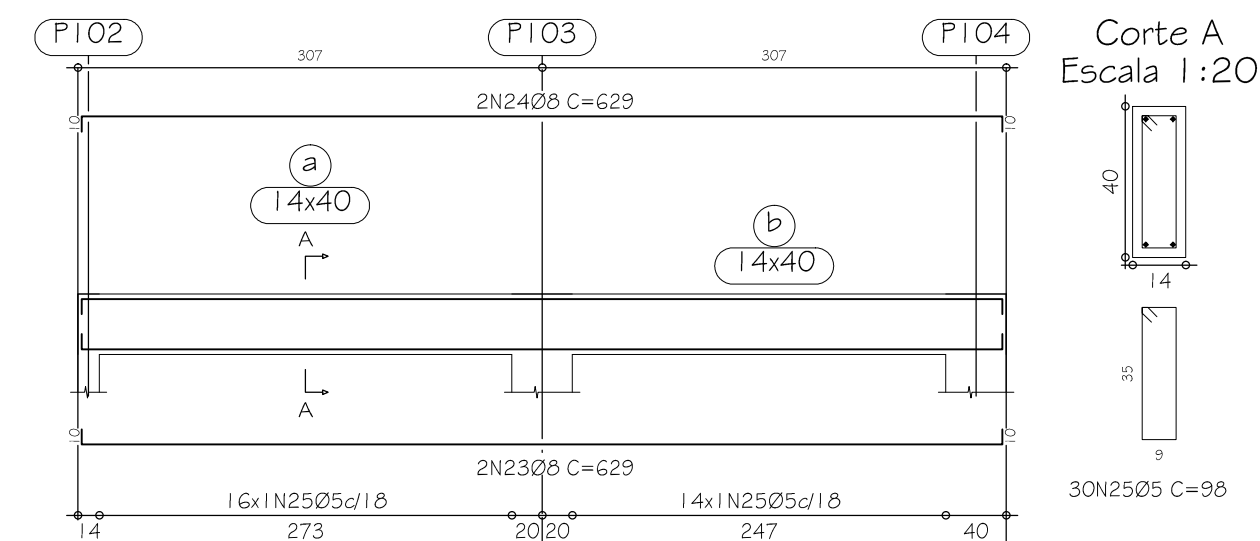
V 26
V 30
Escala 1:50



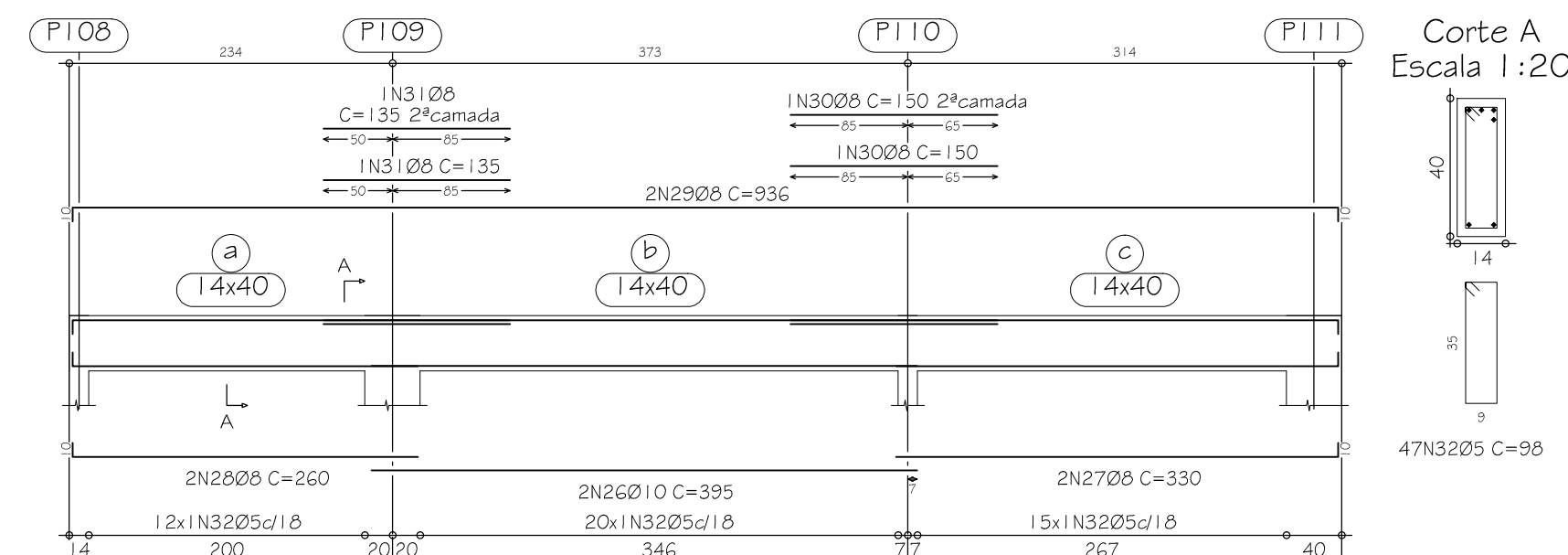
V 28
Escala 1:50



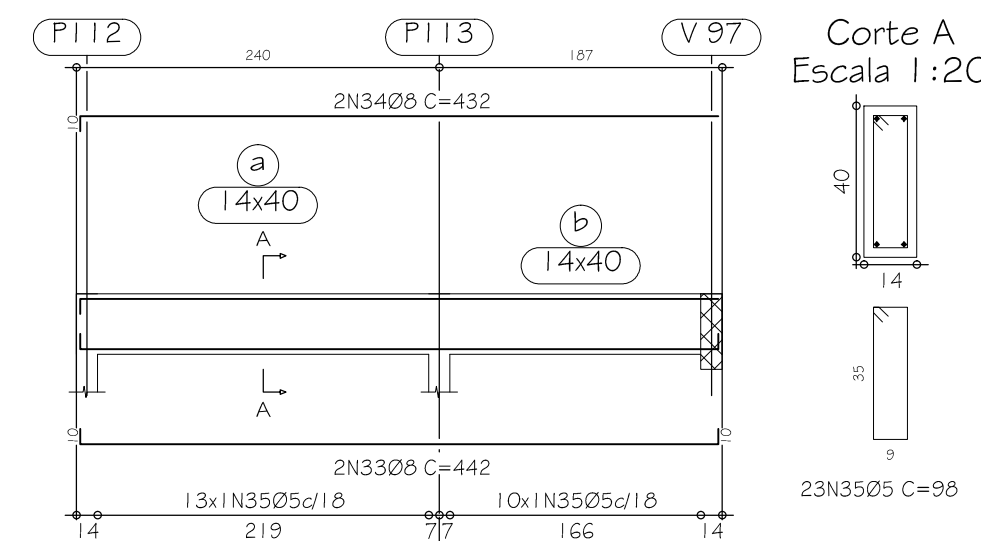
V 31
Escala 1:50



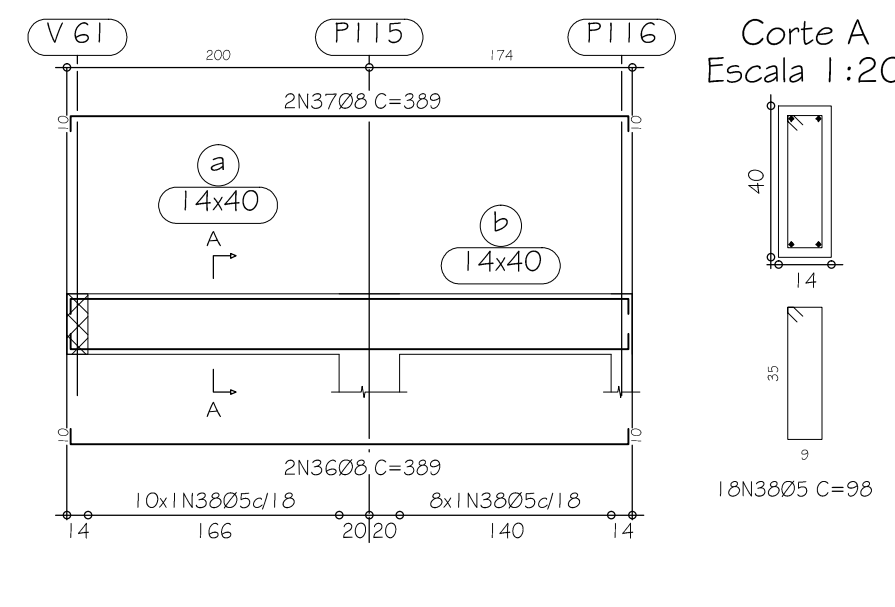
V 33
Escala 1:50



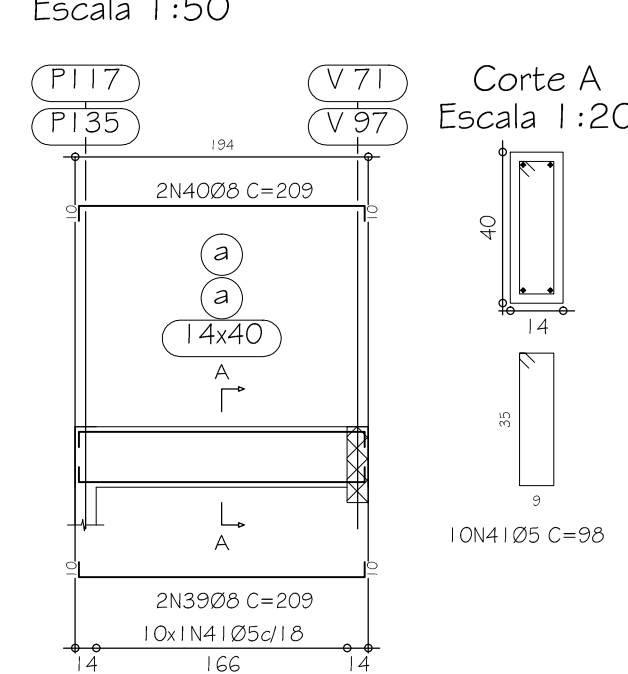
V 34
Escala 1:50



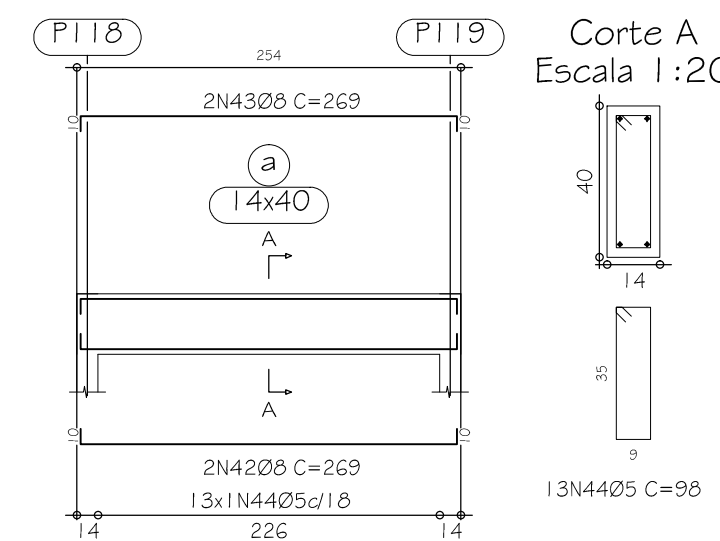
V 35
Escala 1:50



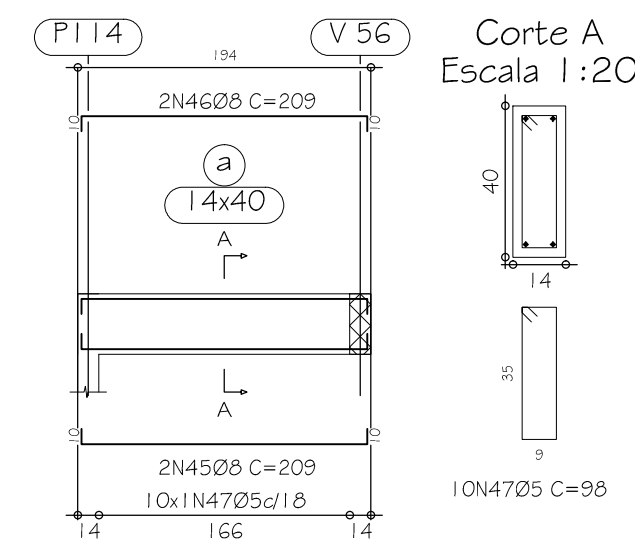
V 36
V 43



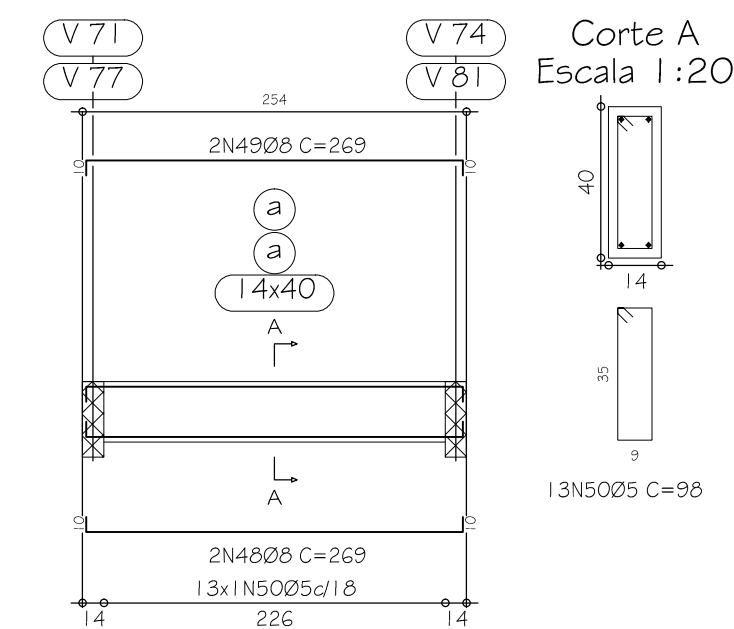
V 37
Escala 1:50



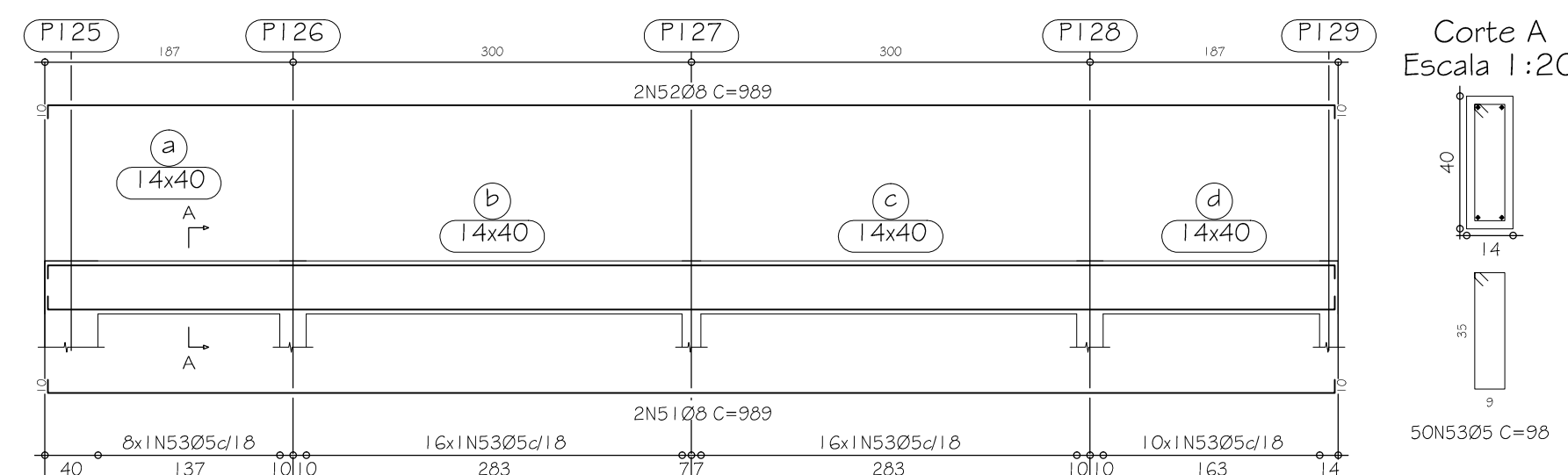
V 38
Escala 1:50



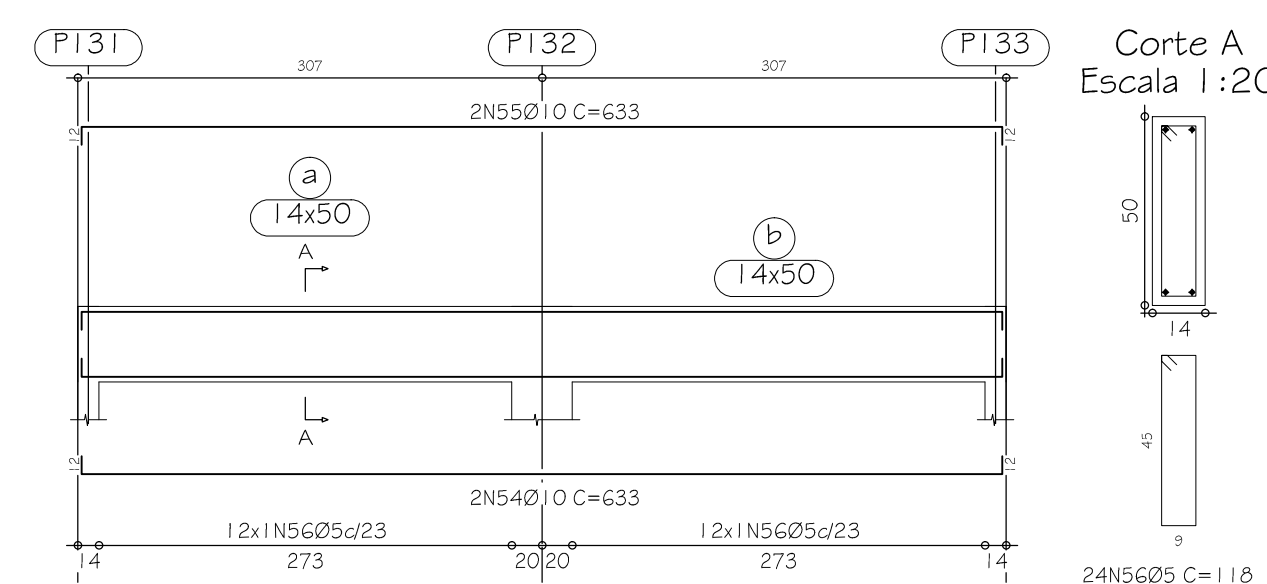
V 39
V 40
Escala 1:50



V 41
Escala 1:50



V 42
Escala 1:50



Elemento	Pos.	Diam.	Q.	Comp (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)	
V 24	1	Ø8	2	985	1970	7.7		
	2	Ø8	2	505	1010	4.0		
	3	Ø8	2	1010	2020	7.9		
	4	Ø8	2	530	1060	4.2		
	5	Ø8	2	165	370	1.5		
	6	Ø5	77	96	7546		11.8	
Total+10% (x2):					27.8	13.0		
V 25=V 29	7	Ø8	2	225	450	1.8		
	8	Ø8	2	225	450	1.8		
	9	Ø5	12	90	1080		1.7	
Total+10% (x2):					8.0	6.9		
V 26=V 30	10	Ø10	4	995	3980	25.0		
	11	Ø8	4	1020	4080	16.0		
	12	Ø8	6	220	1320	5.2		
	13	Ø8	4	125	500	2.0		
	14	Ø5	98	130	12740		20.0	
Total+10% (x2):					53.0	22.0		
					106.0	44.0		
V 27	15	Ø8	2	230	460	1.8		
	16	Ø8	2	230	460	1.8		
	17	Ø5	12	90	1080		1.7	
Total+10% (x2):					4.0	1.9		
V 28	18	Ø10	4	1000	4000	25.1		
	19	Ø8	4	1025	4100	16.1		
	20	Ø8	6	220	1320	5.2		
	21	Ø8	4	125	500	2.0		
	22	Ø5	98	130	12490		19.6	
Total+10% (x2):					53.2	21.6		
V 31	23	Ø8	2	629	1258	4.9		
	24	Ø8	2	629	1258	4.9		
	25	Ø5	30	96	2940		4.6	
Total+10% (x2):					10.8	5.1		
V 33	26	Ø10	2	395	790	5.0		
	27	Ø8	2	260	520	2.6		
	28	Ø8	2	260	520	2.0		
	29	Ø8	2	936	1872	7.3		
	30	Ø8	2	150	300	1.2		
	31	Ø8	2	135	270	1.1		
	32	Ø5	47	96	4606		7.2	
Total+10% (x2):					21.1	7.9		
V 34	33	Ø8	2	442	884	3.5		
	34	Ø8	2	432	864	3.4		
	35	Ø5	23	96	2254		3.5	
Total+10% (x2):					7.6	3.9		
V 35	36	Ø8	2	389	778	3.1		
	37	Ø8	2	369	778	3.1		
	38	Ø5	18	96	1764		2.8	
Total+10% (x2):					6.8	3.1		
V 36=V 43	39	Ø8	2	209	418	1.6		
	40	Ø8	2	209	418	1.6		
	41	Ø5	10	96	980		1.5	
Total+10% (x2):					3.5	1.7		
					7.0	3.4		
V 37	42	Ø8	2	269	538	2.1		
	43	Ø8	2	269	538	2.1		
	44	Ø5	13	96	1274		2.0	
Total+10% (x2):					4.6	2.2		
V 38	45	Ø8	2	209	418	1.6		
	46	Ø8	2	209	418	1.6		
	47	Ø5	10	96	980		1.5	
Total+10% (x2):					3.5	1.7		
V 39=V 40	48	Ø8	2	269	538	2.1		
	49	Ø8	2	269	538	2.1		
	50	Ø5	13	96	1274		2.0	
Total+10% (x2):					4.6	2.2		
					9.2	4.4		
V 41	51	Ø8	2	989	1978	7.8		
	52	Ø8	2	989	1978	7.8		
	53	Ø5	50	96	4900		7.7	
Total+10% (x2):					17.2	8.5		
V 42	54	Ø10	2	633	1266	8.0		
	55	Ø10	2	633	1266	8.0		
	56	Ø5	24	116	2632		4.4	
	Total+10% (x2):					17.6	4.8	
						Ø5: 0.0	129.3	
					Ø8: 156.7	0.0		
					Ø10: 105.7	0.0		
					Total: 304.4	129.3		

DETALHAMENTO VIGAS BALDRAME

Escala 1:50

REVISÃO:	02		
REVISÃO:	02		
REVISÃO:	01		
EMIÇÃO INICIAL:	24/05/2013	1ª ENTREGA PARA A PREFEITURA	

	PREFEITURA MUNICIPAL DE JOINVILLE END.: Av. Herman August Lepper, nº10, Centro TEL.: (47)3431-3233 – Joinville – Santa Catarina CNPJ: 83.169.623/0001-10	COORDENAÇÃO DE PROJETOS:  SOLAR <small>ENGENHARIA</small> SOLAR CONSTRUÇÕES.PROJETOS E CONSULTORIA LTDA. CNPJ: 13.411.864/0001-48 TEL.: (31)3568-2814 BH/MG eken@solarenharia.eng.br
	CEI PARQUE RESIDENCIAL IMPERADOR	ÁREA DO TERRENO: 3.825,71 m² ÁREA CONSTRUIDA: ÁREA PERMEÁVEL:

PREFEITURA MUNICIPAL DE JOINVILLE CNPJ: 83.169.623/0001-10 CONTRATANTE	EDUARDO KEN MIZUTA CREA: 139067/D RESPONSÁVEL TÉCNICO
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ENDEREÇO: R. MAFALDA LAURINDO-AVENTUREIRO CEP 89226-205- JOINVILLE	ARQUIVO: 001-001-2013-EXE-EST-06
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DETALHES: DETALHAMENTO VIGAS BALDRAME PARTE 1	PROJETO: ESTRUTURAL DESENHISTA: ISABELLA TEOTONIO DIAS	DATA: MAIO/2013 ESCALA: INDICADA	FOLHA: <div style="text-align: right;"> 06 / 15 </div>
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