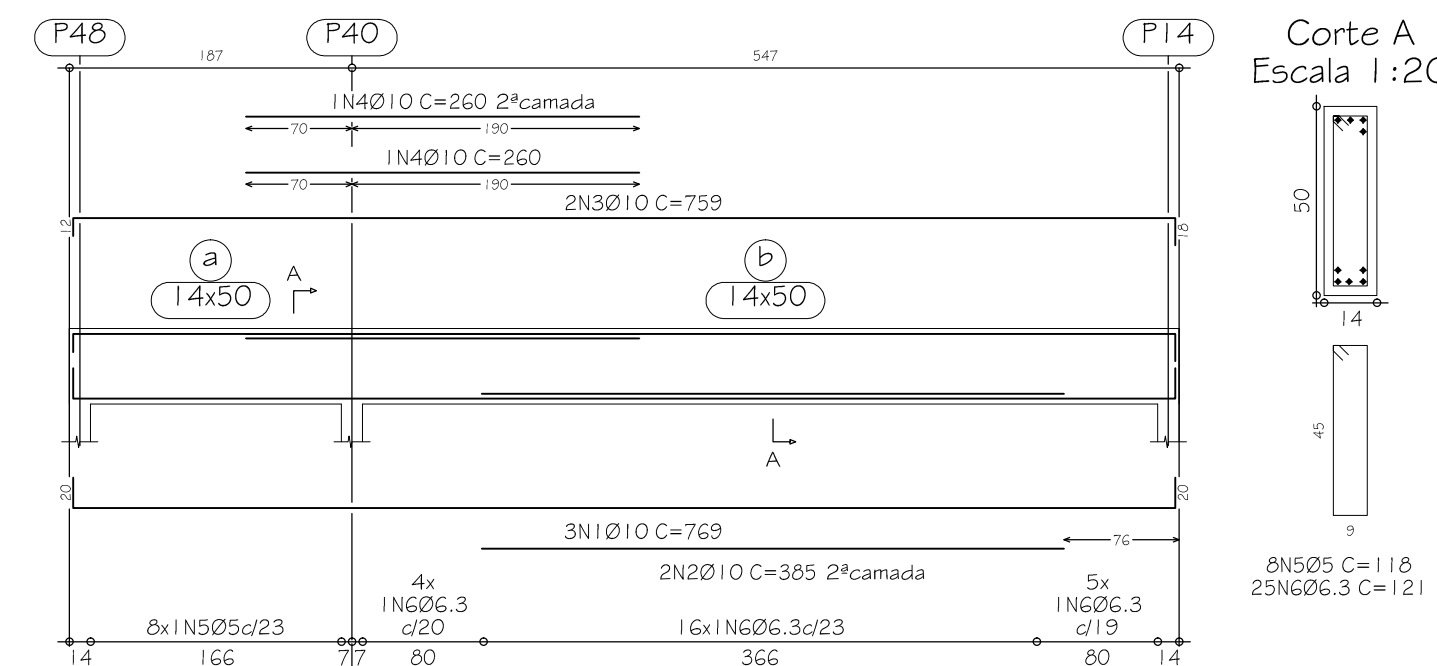
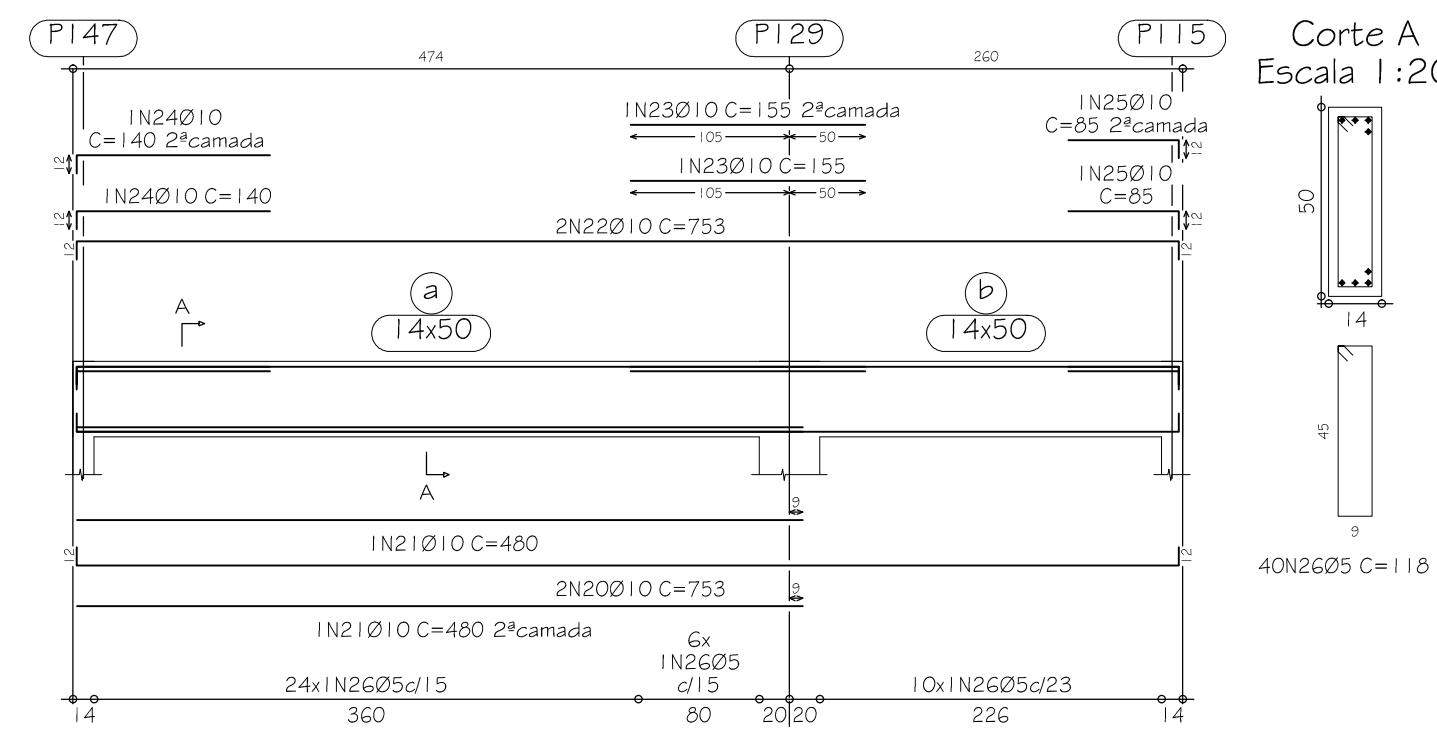


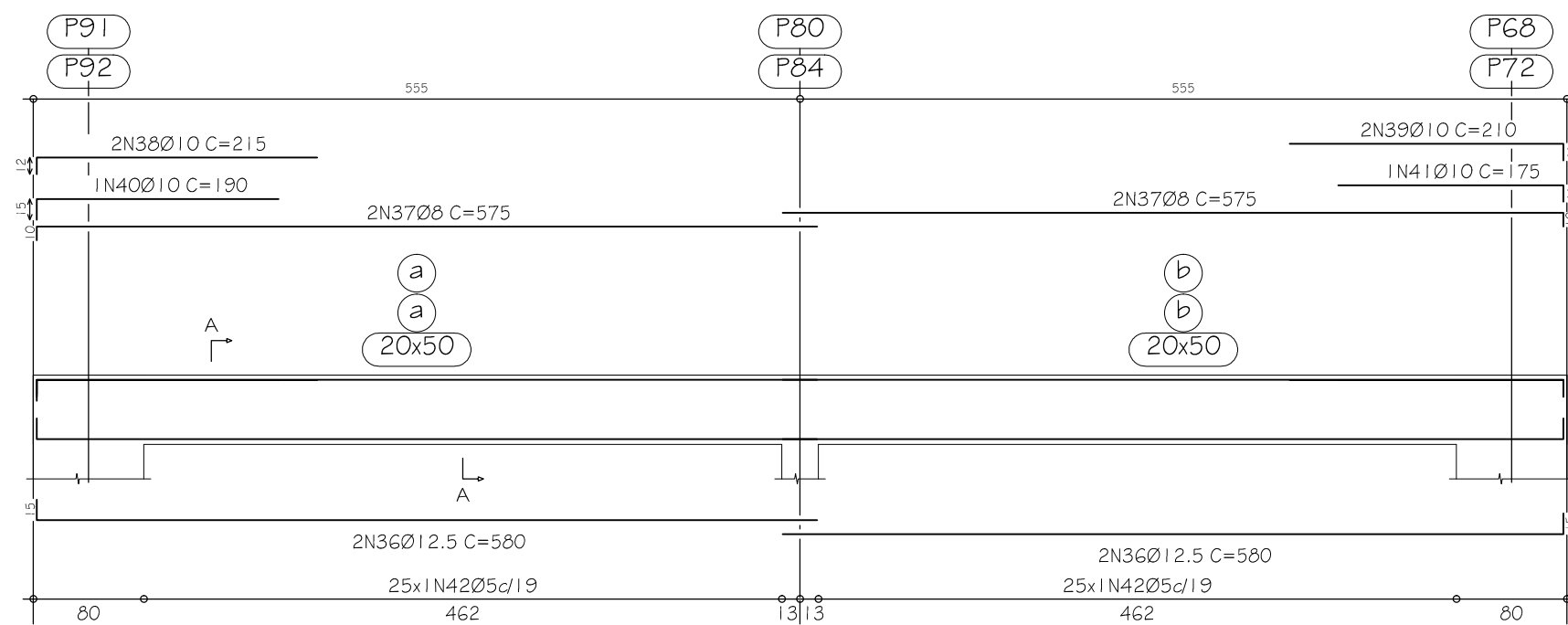
V 58
Escala 1:50



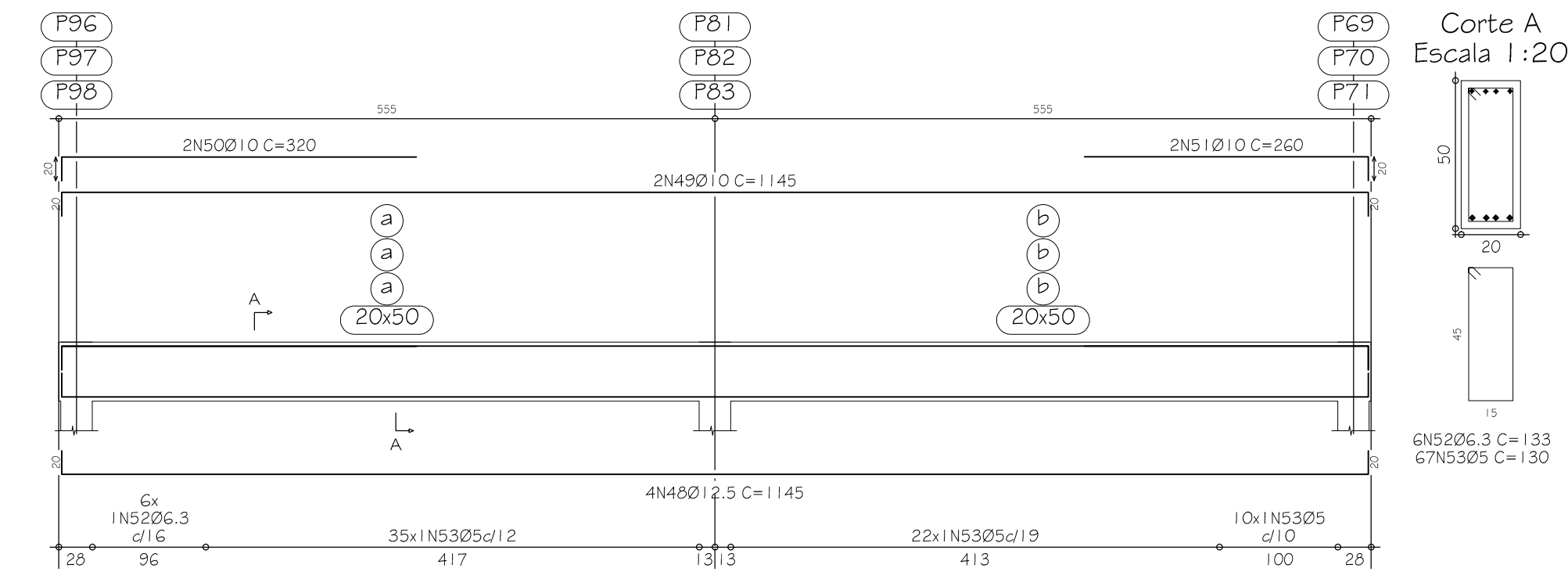
V 63
Escala 1:50



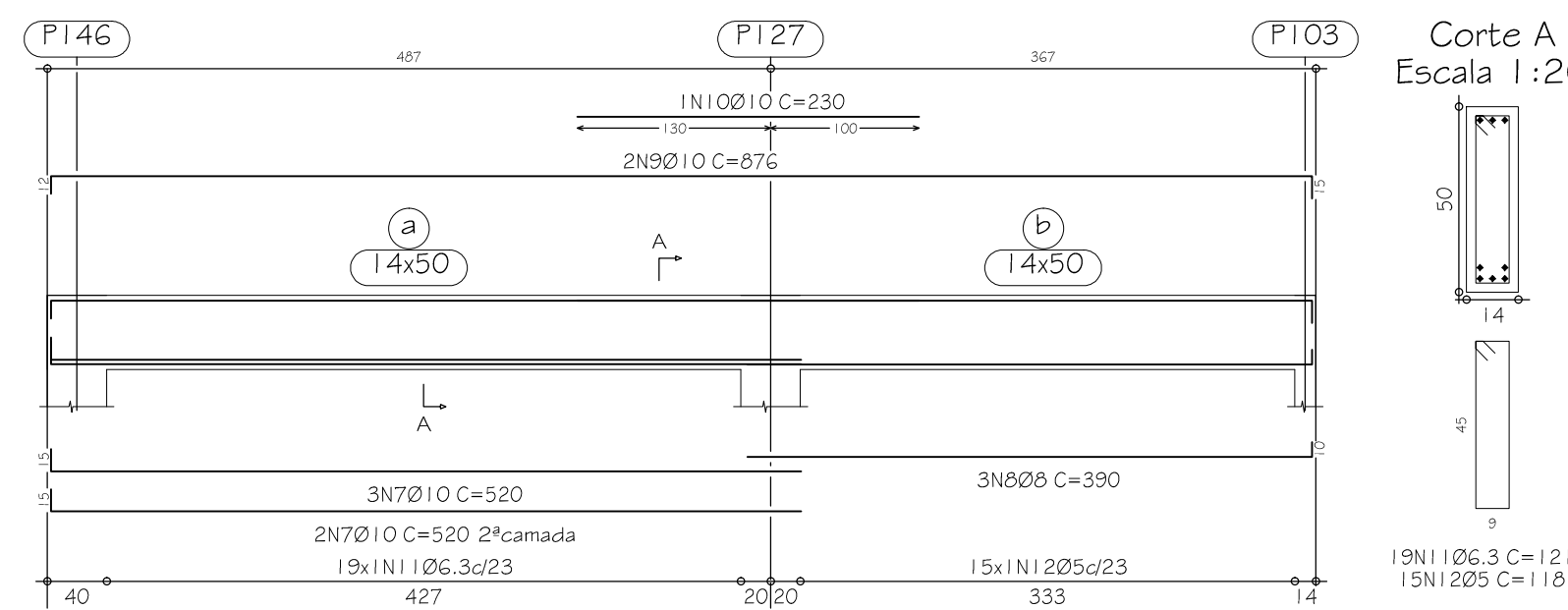
V 68
V 96
Escala 1:50



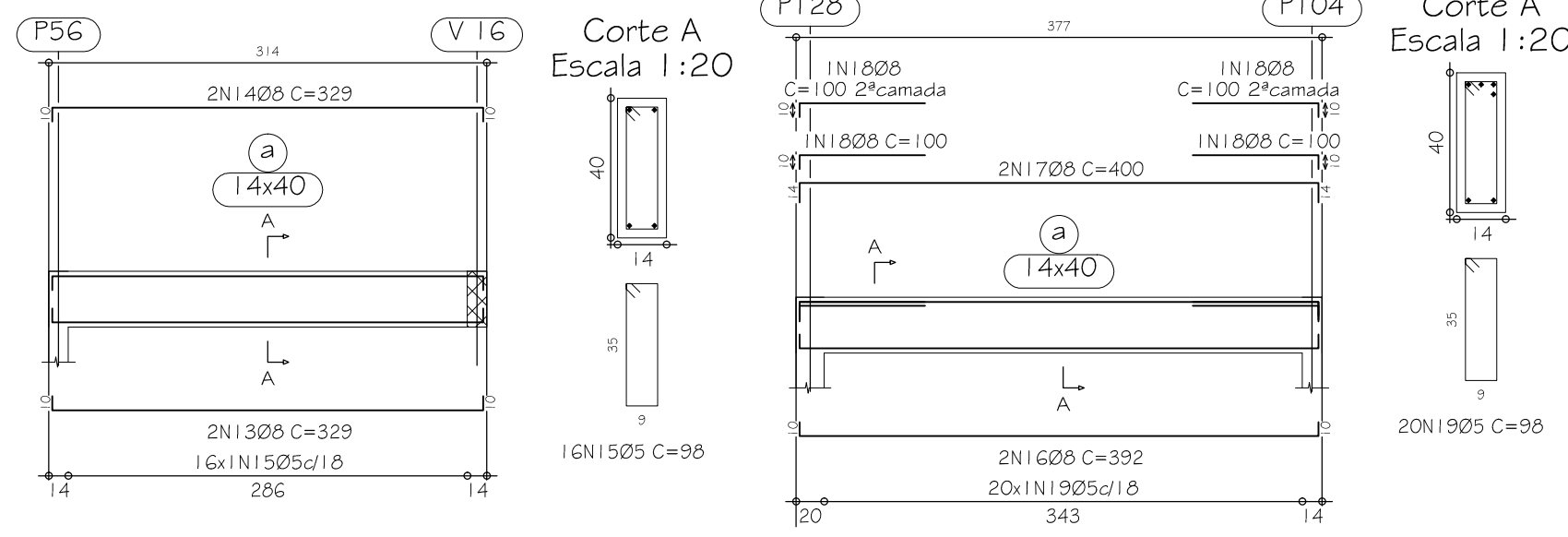
V 73
V 80
V 89
Escala 1:50



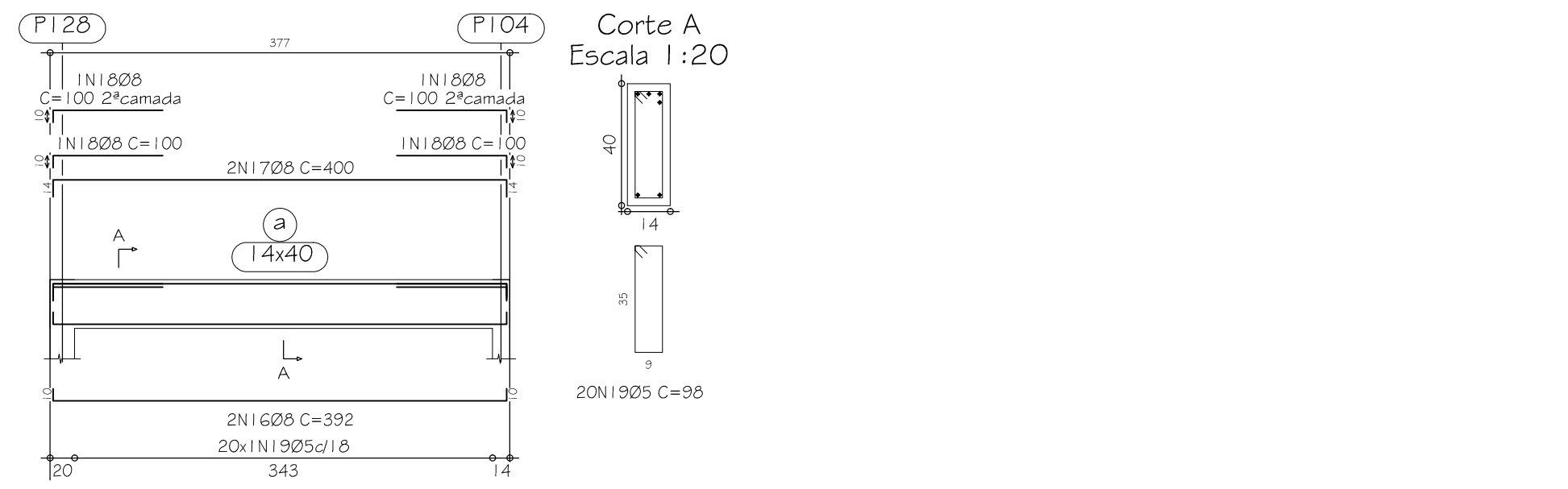
V 59
Escala 1:50



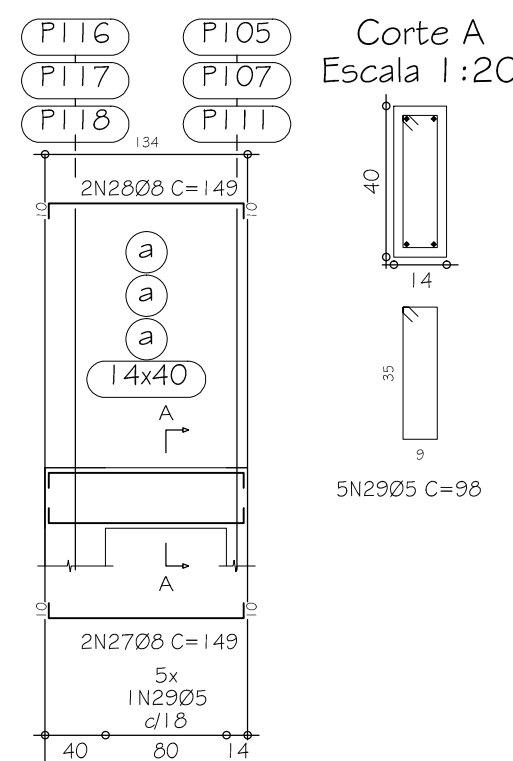
V 60
Escala 1:50



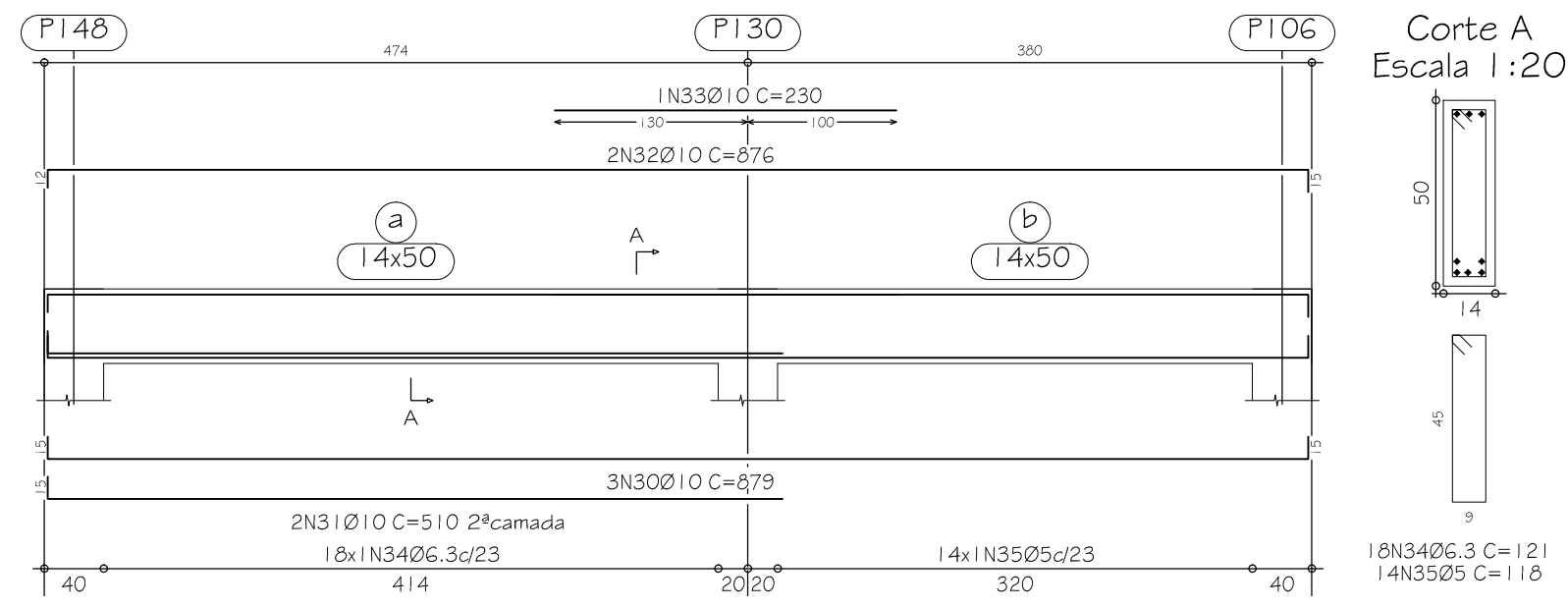
V 61
Escala 1:50



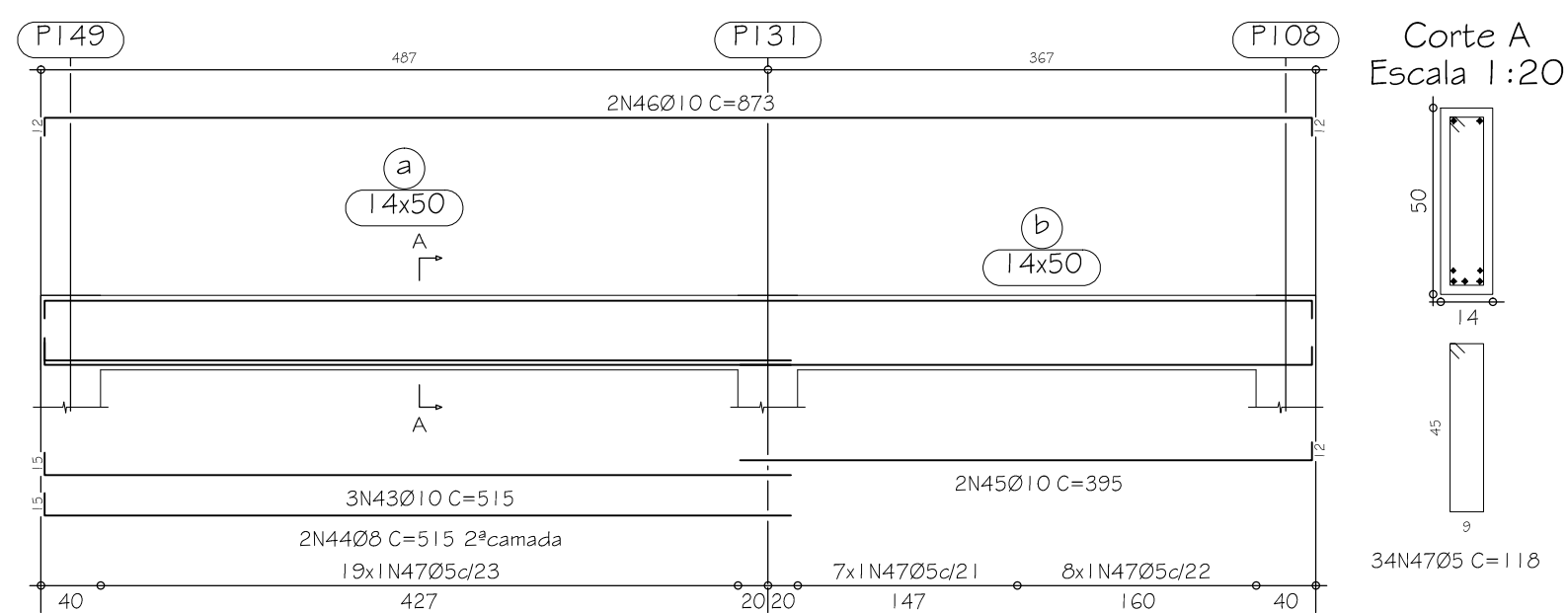
V 64
V 69
V 85
Escala 1:50



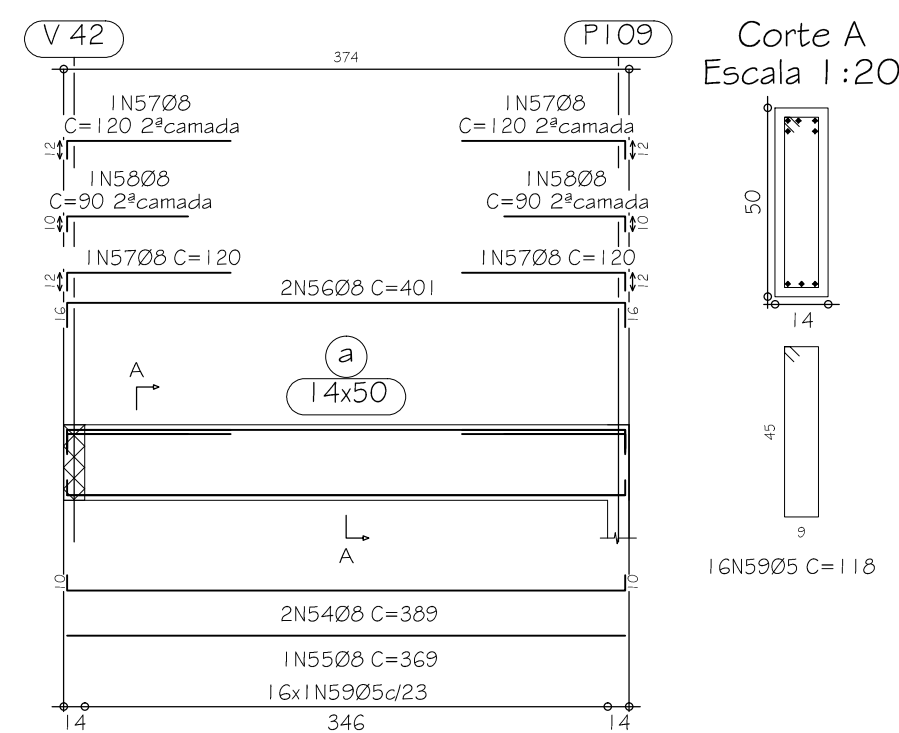
V 66
Escala 1:50



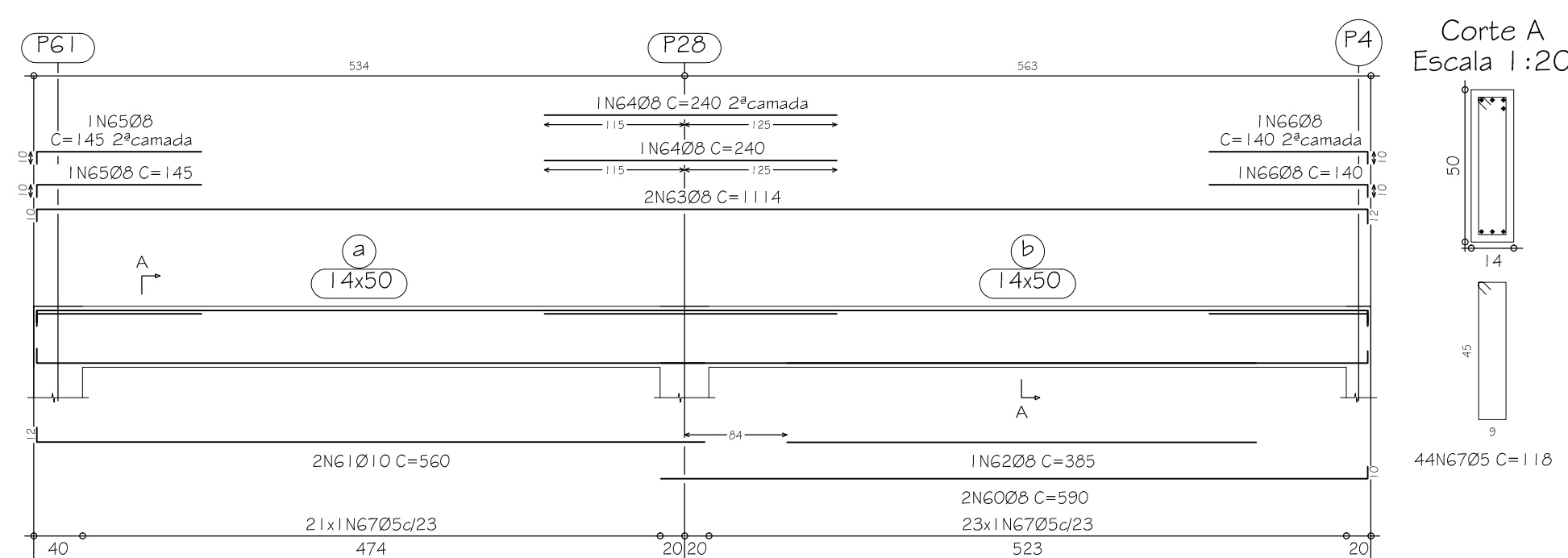
V 71
Escala 1:50



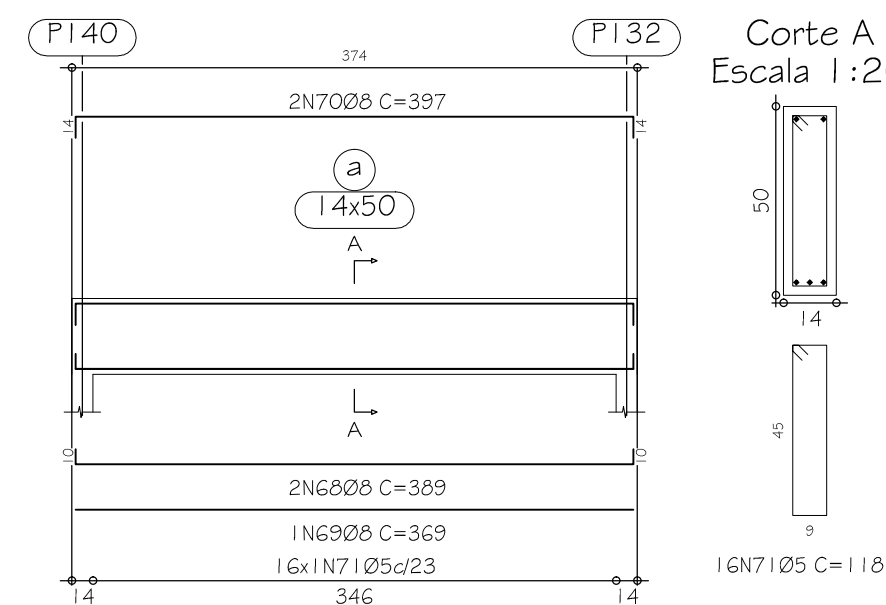
V 74
Escala 1:50



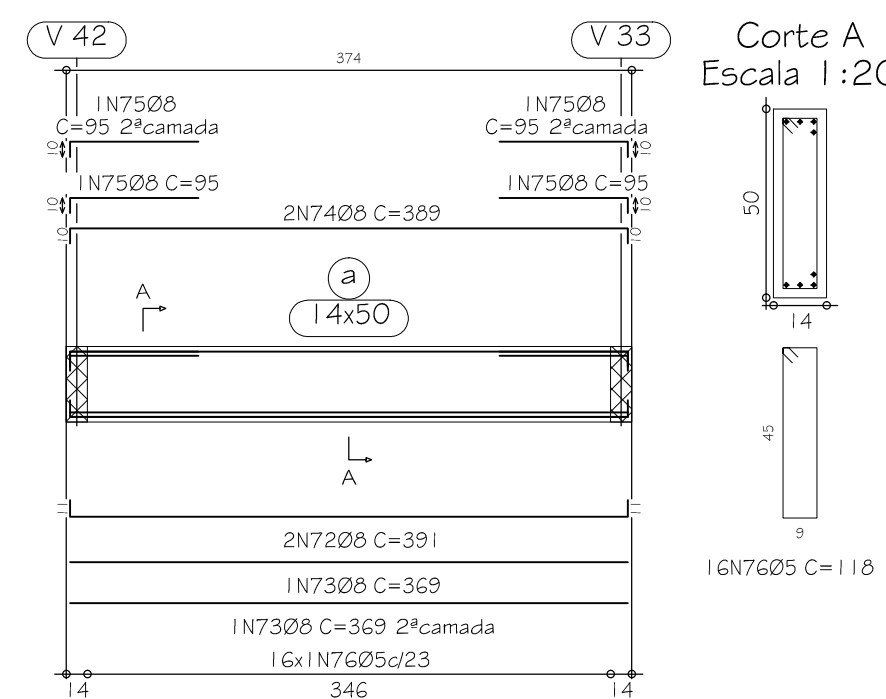
V 75
Escala 1:50



V 76
Escala 1:50



V 77
Escala 1:50




Elemento	Pos.	Diam.	Q.	(Comp) (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)	
V 58	1	Ø10	3	769	2307	14.5		
	2	Ø10	2	385	770	4.8		
	3	Ø10	2	759	1518	9.5		
	4	Ø10	2	260	520	3.3		
	5	Ø25	6	116	944		1.5	
	6	Ø6.3	25	121	3025	7.5		
Total + 0.0%						43.6	1.7	
V 59	7	Ø10	5	520	2600	16.3		
	8	Ø10	3	359	1795	4.6		
	9	Ø10	2	686	1732	11.0		
	11	Ø6.3	1	230	230	1.4		
	12	Ø6.3	19	121	2299	5.7		
	13	Ø5	15	116	1770		2.8	
Total + 0.0%						42.9	3.1	
V 60	13	Ø6	2	329	658	2.6		
	14	Ø6	2	329	658	2.6		
	15	Ø5	16	96	1566		2.5	
Total + 0.0%						5.7	2.8	
V 61	16	Ø6	2	392	783	3.1		
	17	Ø6	2	400	800	3.1		
	18	Ø6	4	100	400	1.6		
	19	Ø5	20	96	1960		3.0	
Total + 0.0%						8.6	3.4	
V 63	21	Ø10	2	753	1506	9.5		
	22	Ø10	2	480	960	6.0		
	23	Ø10	2	753	1506	9.5		
	24	Ø10	2	155	310	1.9		
	24	Ø10	2	140	280	1.8		
	25	Ø10	2	65	170	1.1		
	26	Ø5	40	116	4720		7.4	
Total + 0.0%						32.8	2.8	
V 64 = V 63 = V 85	27	Ø6	2	149	298	1.2		
	28	Ø6	2	149	298	1.2		
	29	Ø5	5	96	490		0.5	
Total + 0.0%						2.6	0.9	
V 66	30	Ø10	3	679	2637	16.6		
	31	Ø10	2	510	1020	6.4		
	32	Ø10	2	875	1750	11.0		
	33	Ø10	1	230	230	1.4		
	34	Ø6.3	18	121	2178	5.4		
	35	Ø5	14	116	1654		2.6	
Total + 0.0%						44.9	2.9	
V 68 = V 96	36	Ø12.5	4	560	2320	22.8		
	37	Ø6	4	575	2300	9.0		
	38	Ø10	2	215	430	2.7		
	39	Ø10	2	190	380	2.6		
	40	Ø10	1	90	190	1.2		
	41	Ø10	1	175	175	1.1		
	42	Ø5	50	130	6500		10.2	
	Total + 0.0%					43.3	22.4	
V 71	43	Ø10	3	515	1545	9.7		
	44	Ø10	2	515	1030	4.0		
	45	Ø10	2	395	790	5.0		
	46	Ø10	2	973	1746	11.0		
	47	Ø5	34	116	4012		6.3	
Total + 0.0%						32.7	6.9	
V 73 = V 80 = V 89	48	Ø12.5	4	1145	4580	44.9		
	49	Ø10	2	1145	2290	14.4		
	50	Ø10	2	320	640	4.0		
	51	Ø10	2	260	520	3.3		
	52	Ø6.3	6	133	798	2.0		
Total + 0.0%						75.5	13.7	
						66.6	45.3	
V 74	54	Ø6	2	369	778	3.1		
	55	Ø6	1	369	369	1.4		
	56	Ø6	2	401	802	3.1		
	57	Ø6	4	120	480	1.9		
	58	Ø6	2	90	180	0.7		
Total + 0.0%						11.2	3.0	
V 75	59	Ø5	16	116	1688			
	Total + 0.0%						11.2	3.3
	61	Ø10	2	590	1180	4.6		
	62	Ø6	1	385	385	1.5		
	63	Ø6	2	1114	2228	6.7		
	64	Ø6	2	240	480	1.9		
	65	Ø6	2	145	290	1.1		
	66	Ø6	2	140	280	1.1		
Total + 0.0%						28.5	9.0	
V 76	68	Ø6	2	369	778	3.1		
	69	Ø6	1	369	369	1.4		
	70	Ø6	2	387	794	3.1		
	71	Ø5	16	116	1688			
Total + 0.0%						8.4	3.3	
V 77	72	Ø6	2	381	762	3.1		
	73	Ø6	2	369	738	2.9		
	74	Ø6	2	389	778	3.1		
	75	Ø6	4	95	380	1.5		
	76	Ø5	16	116	1688			
Total + 0.0%						11.7	3.3	
Ø5:						0.0	116.2	
Ø6.3:						27.2	0.0	
Ø6:						103.4	0.0	
Ø10:						262.9	0.0	
Ø12.5:						198.4	0.0	
Total:						591.9	116.2	

DETALHAMENTO VIGAS BALDRAME

Escala 1:50

REVISÃO:	03		
REVISÃO:	02		
REVISÃO:	01		
EMISSÃO INICIAL:	* 24/05/2013	1ª ENTREGA PARA A PREFEITURA	

 <p>PREFEITURA MUNICIPAL DE JOINVILLE</p> <p>END.: Av. Herman August Lepper, nº10, Centro</p> <p>TEL.: (47)3431-3233 – Joinville – Santa Catarina</p> <p>CNPJ: 83.169.623/0001-10</p> <p>CEI RUA LAERCIO BENINCA</p>	<p>COORDENAÇÃO DE PROJETOS:</p> <p>SOLAR</p> <p>PROJENHARIA</p> <p>SOLAR CONSULTORIA-PROJETOS E CONSTRUÇÃO LTDA</p> <p>CNPJ: 13.411.864/0001-48</p> <p>TEL: (31)3568-2814 BH/MG</p> <p>eken@solarengenharia.eng.br</p>		
	<p>ÁREA DO TERRENO:</p> <p>5.049,00 m²</p>		
	<p>ÁREA CONSTRUÍDA:</p>		
<p>PREFEITURA MUNICIPAL DE JOINVILLE</p> <p>CNPJ: 83.169.623/0001-10</p> <p>CONTRATANTE</p>	<p>EDUARDO KEN MIZUTA</p> <p>CREA: 139067/D</p> <p>RESPONSÁVEL TÉCNICO</p>		
<p>ENDEREÇO:</p> <p>RUA LAERCIO BENINCA (324) – VILA NOVA – CEP 89237-326 – JOINVILLE</p>	<p>ARQUIVO:</p> <p>001-004-2013-EXE-EST-08</p>		
<p>DETALHES:</p>	<p>PROJETO:</p> <p>ESTRUTURAL</p>	<p>DATA:</p> <p>MAIO/2013</p>	<p>FOLHA:</p> <p>08 / 15</p>
<p>DETALHAMENTO VIGAS BALDRAME</p> <p>PART. 1</p>	<p>DESENHISTA:</p> <p>ISABELLA TEOTONIO DIAS</p>	<p>ESCALA:</p> <p>INDICADA</p>	