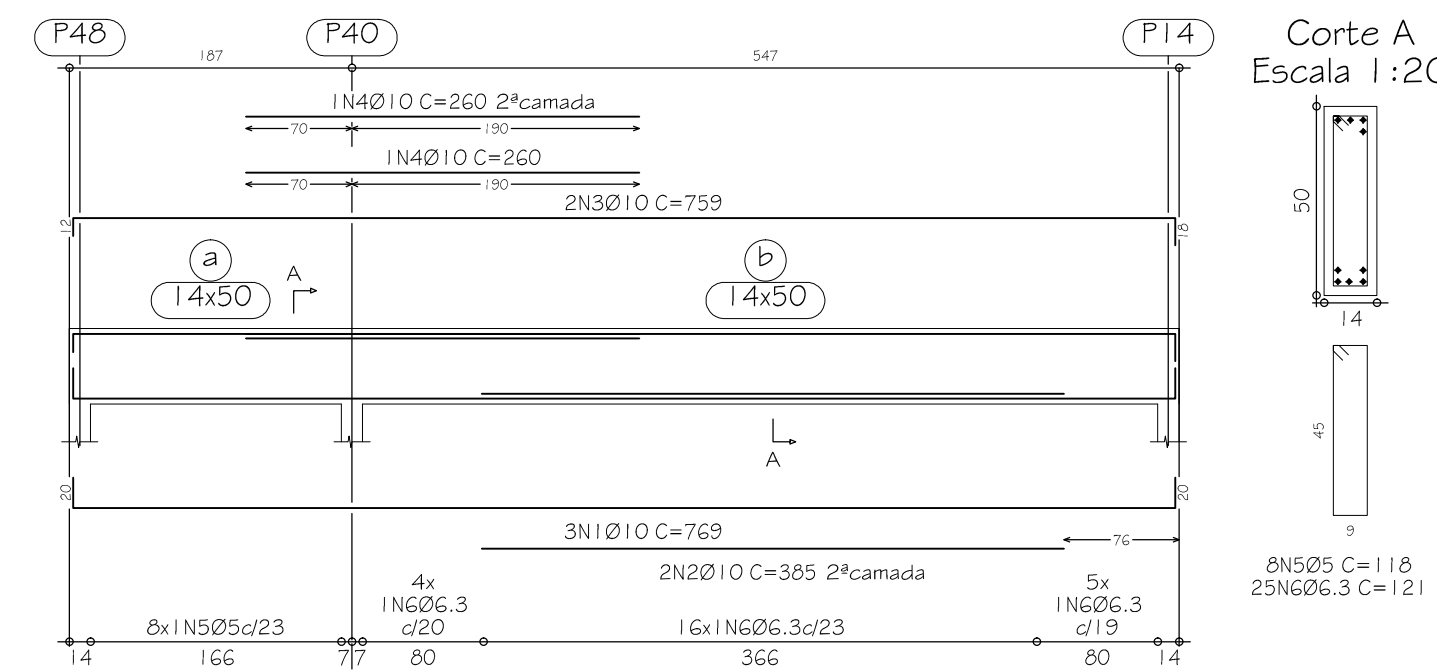
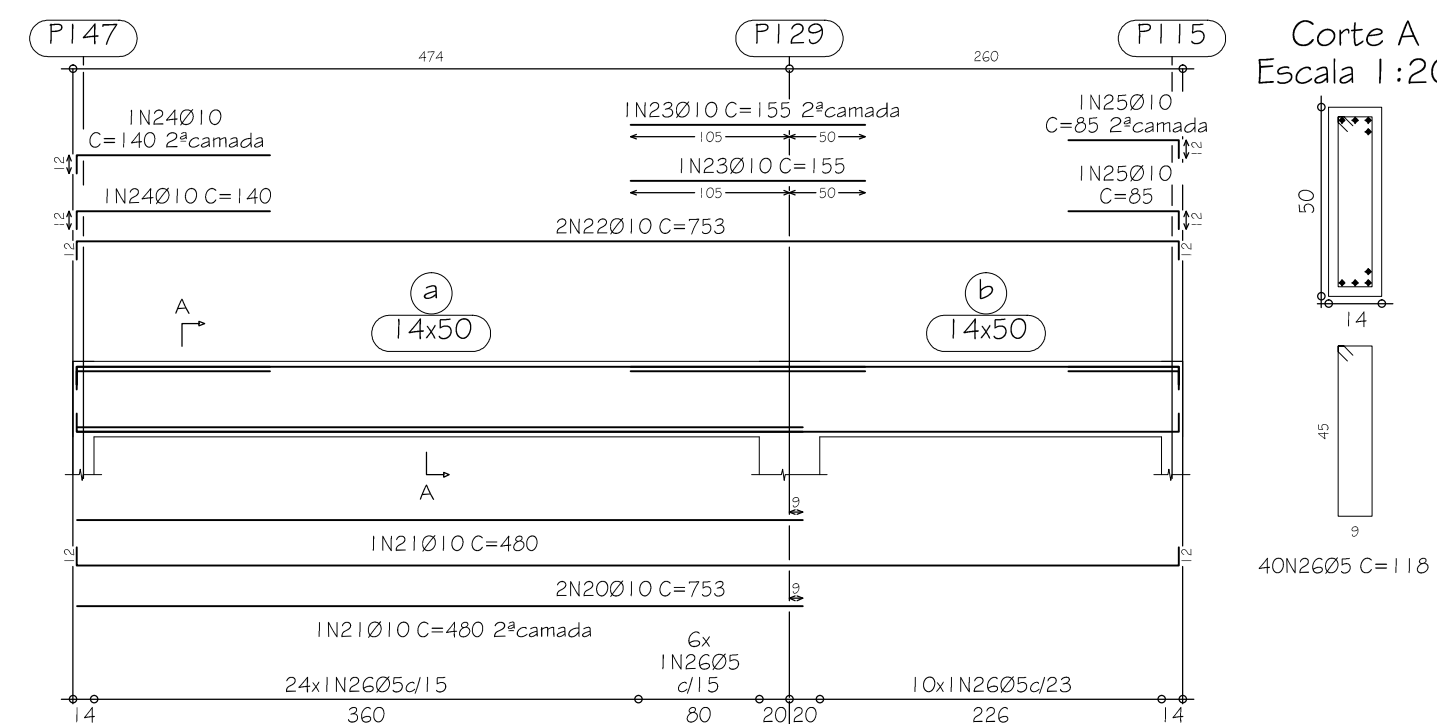


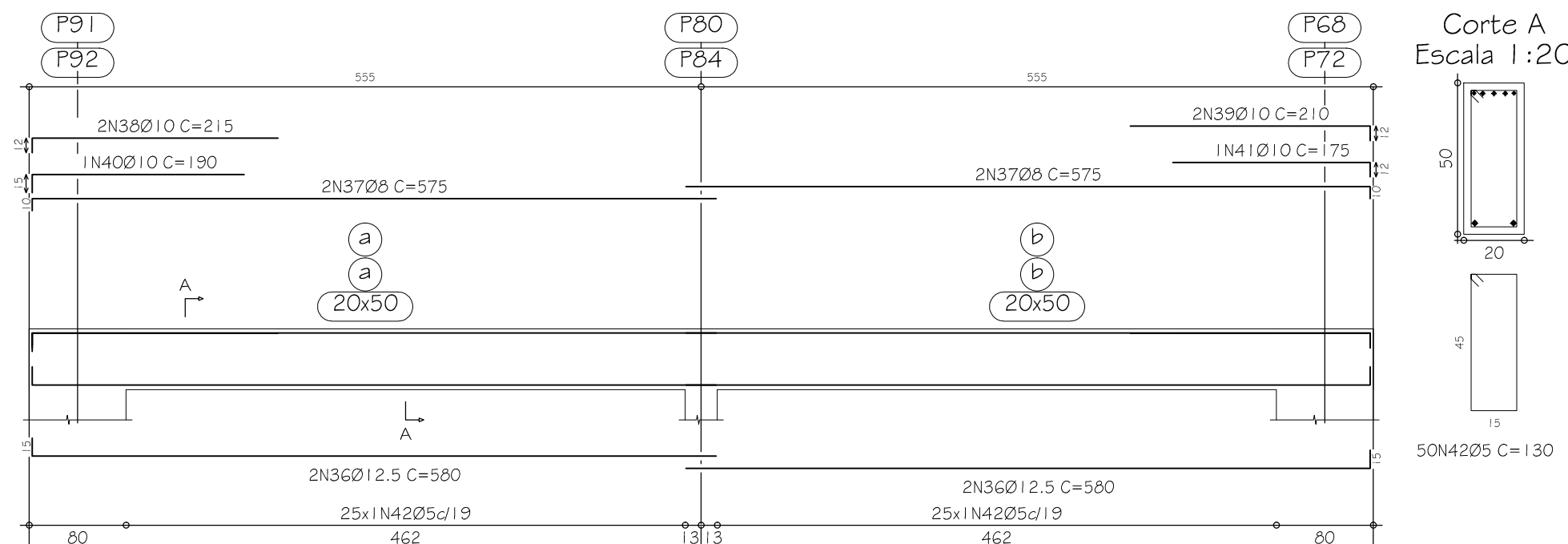
V 58
Escala 1:50



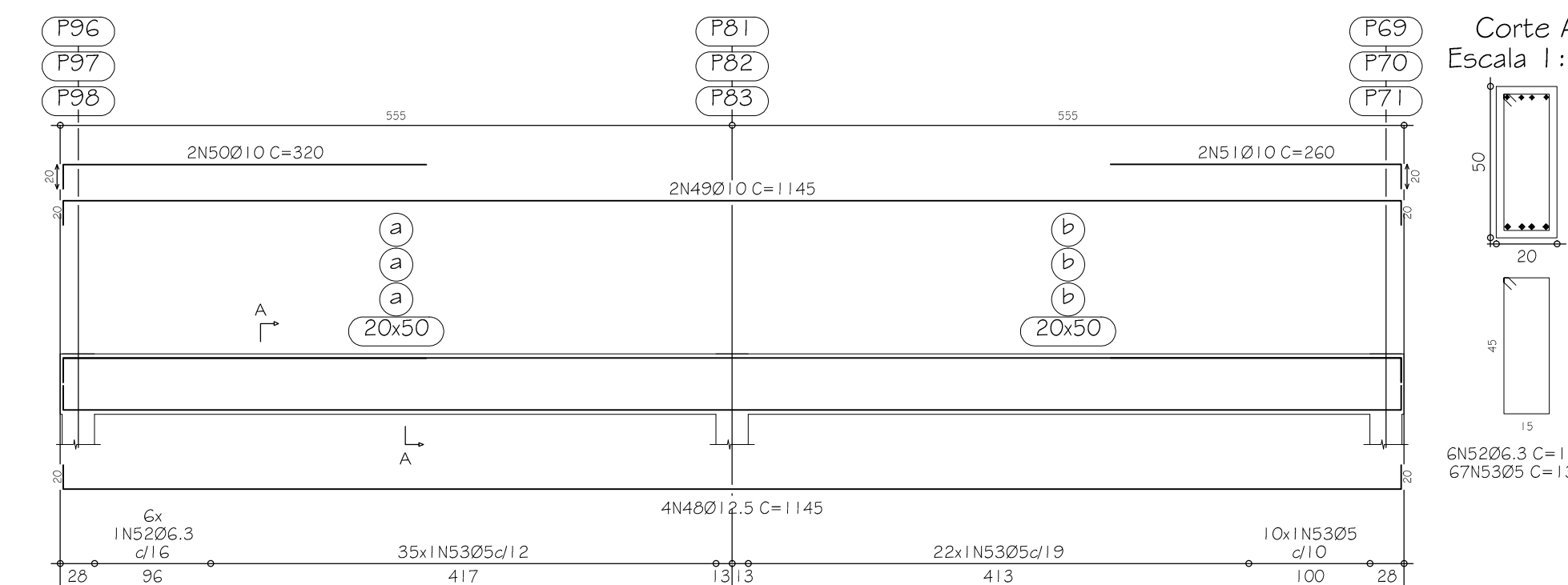
V 63
Escala 1:50



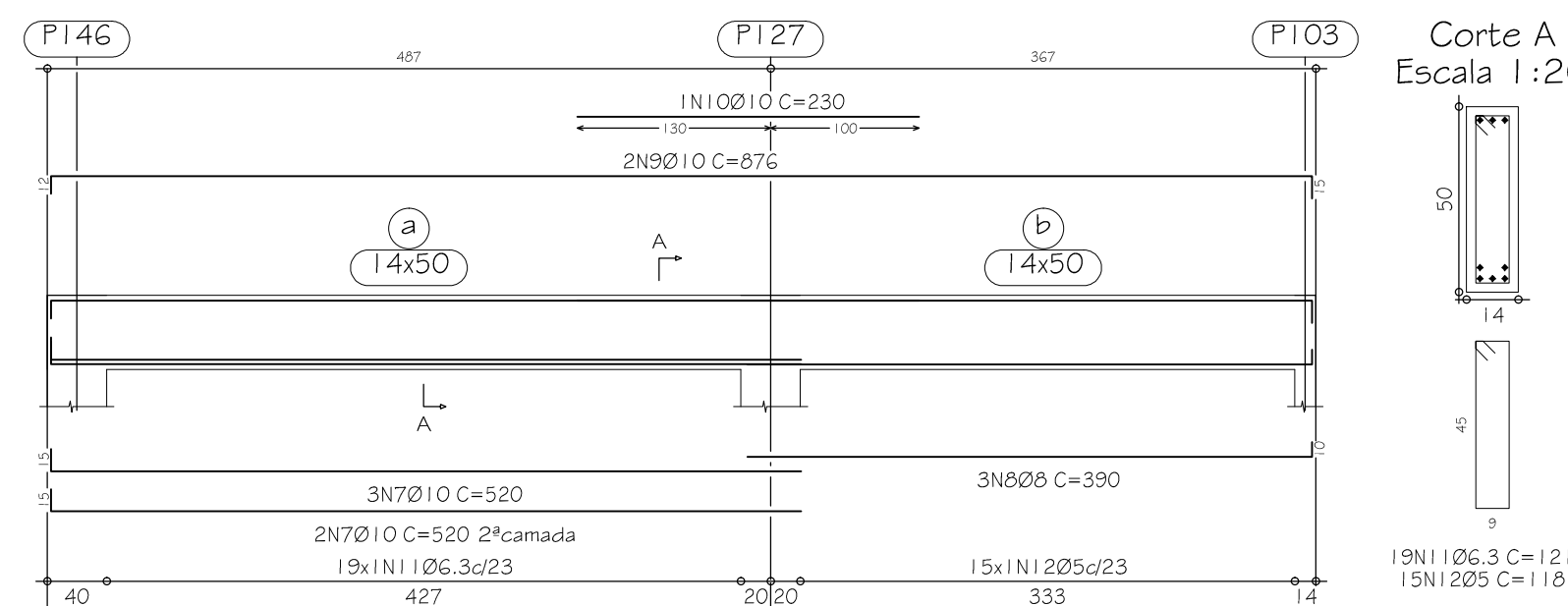
V 68
V 96
Escala 1:50



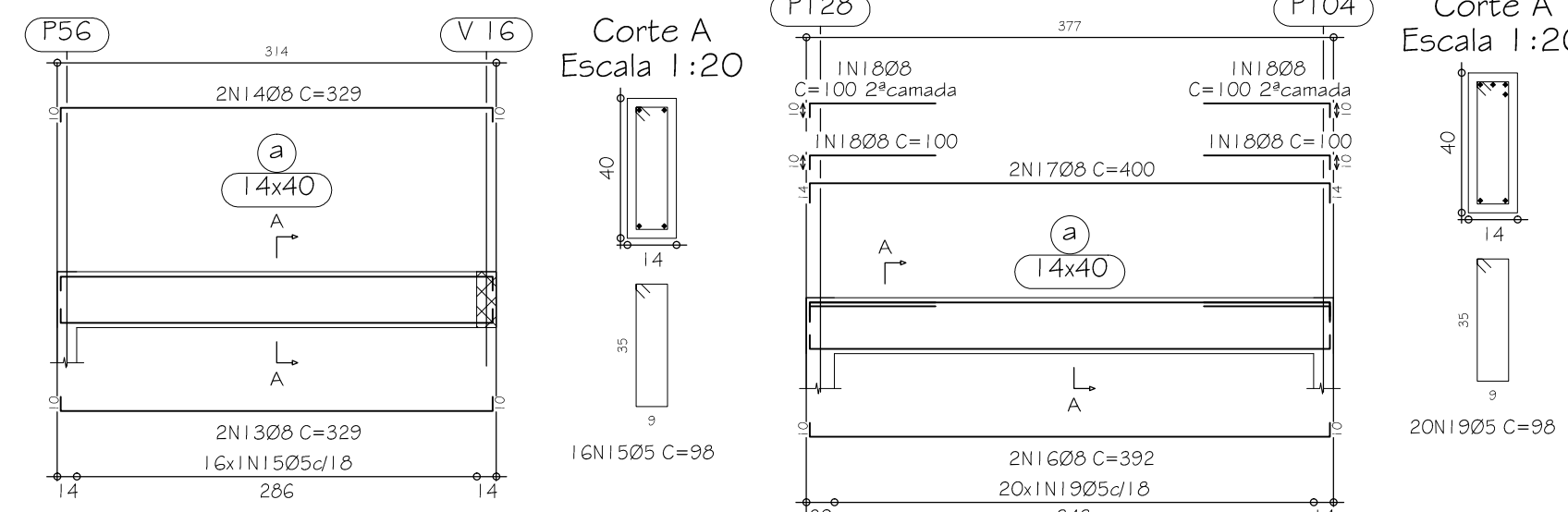
V 73
V 80
V 89
Escala 1:50



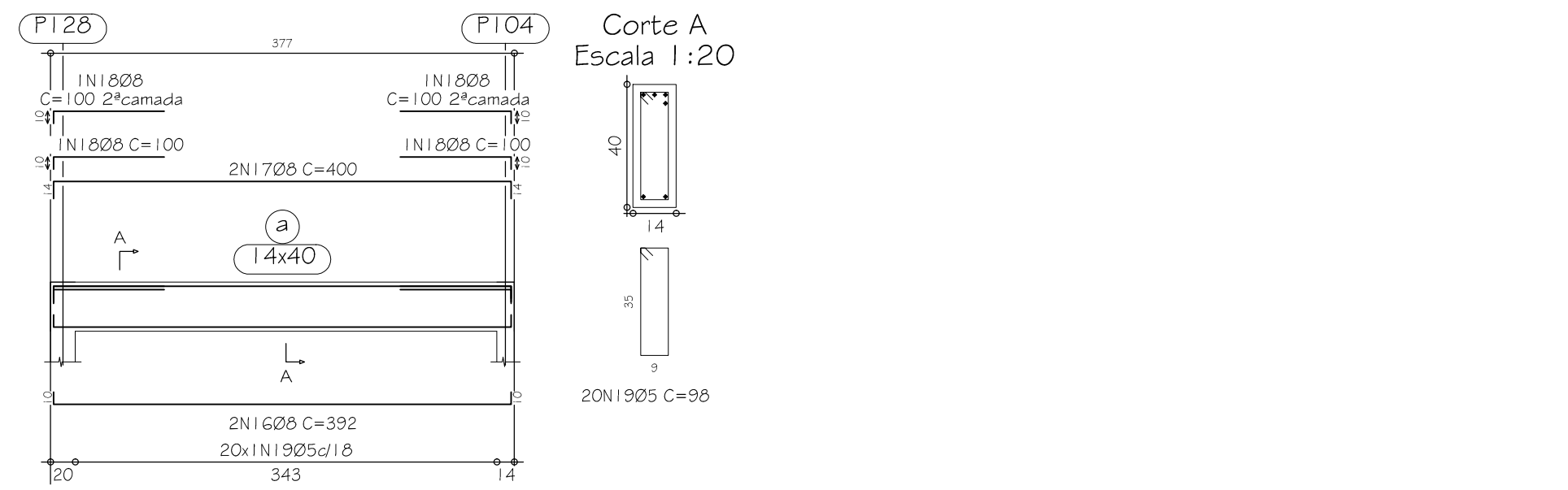
V 59
Escala 1:50



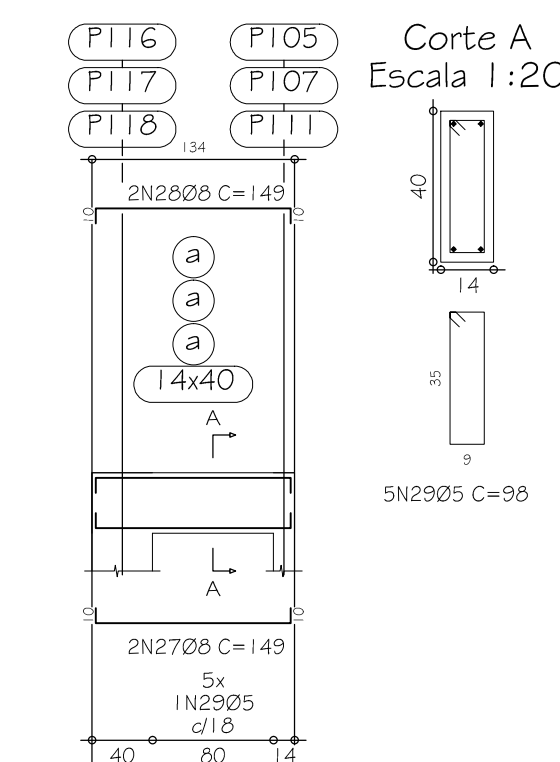
V 60
Escala 1:50



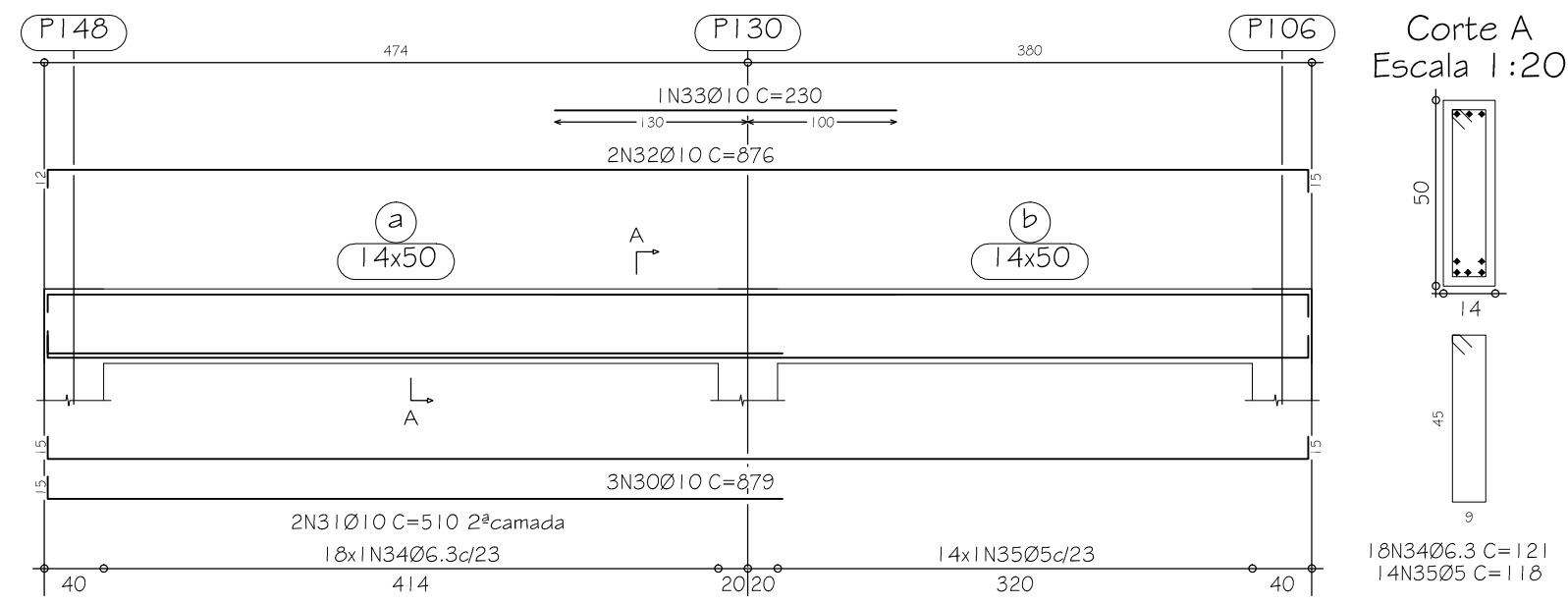
V 61
Escala 1:50



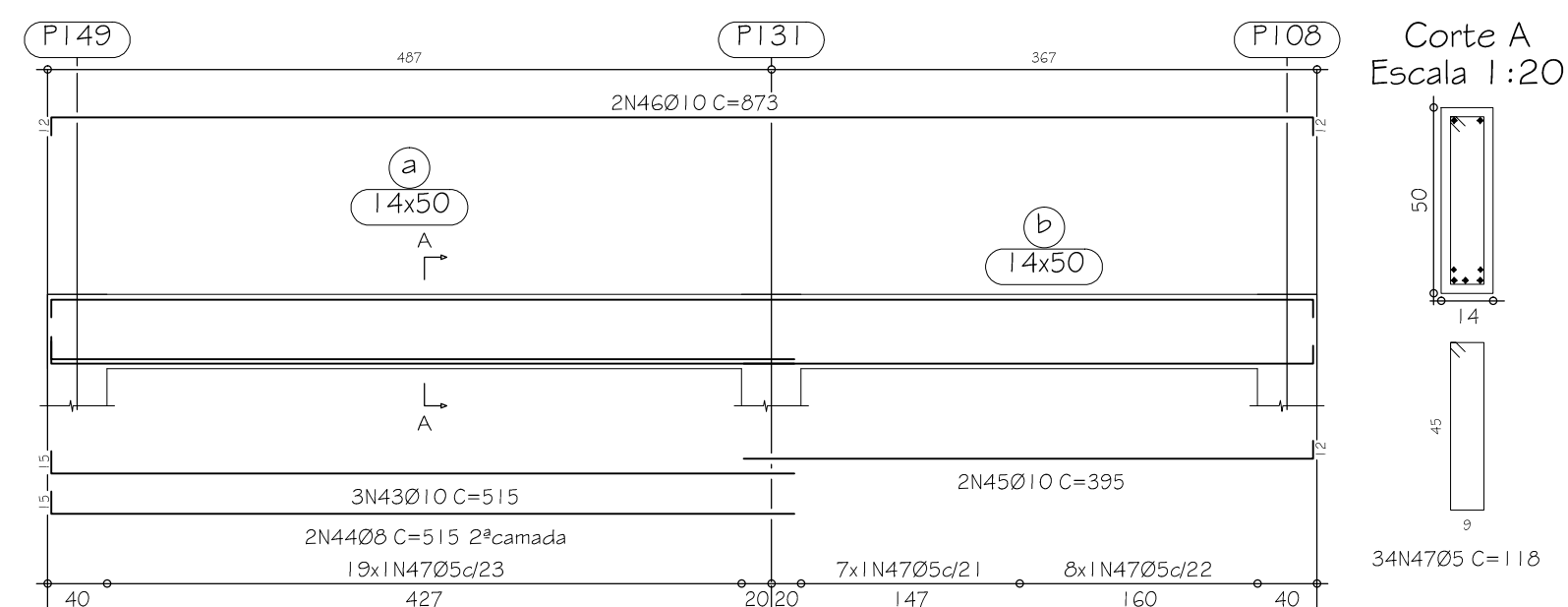
V 64
V 69
V 85
Escala 1:50



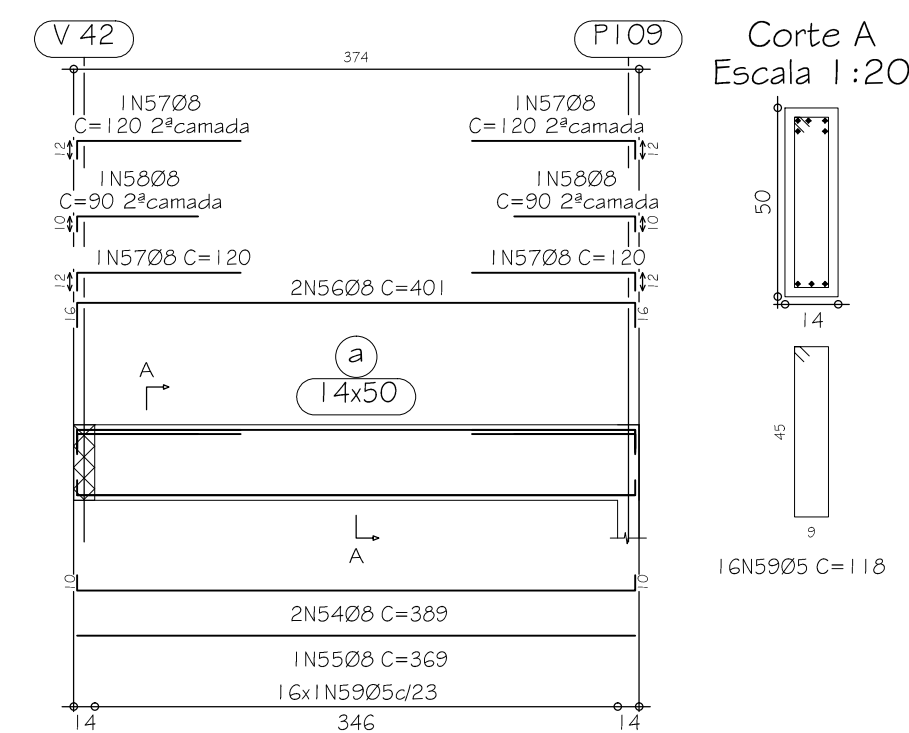
V 66
Escala 1:50



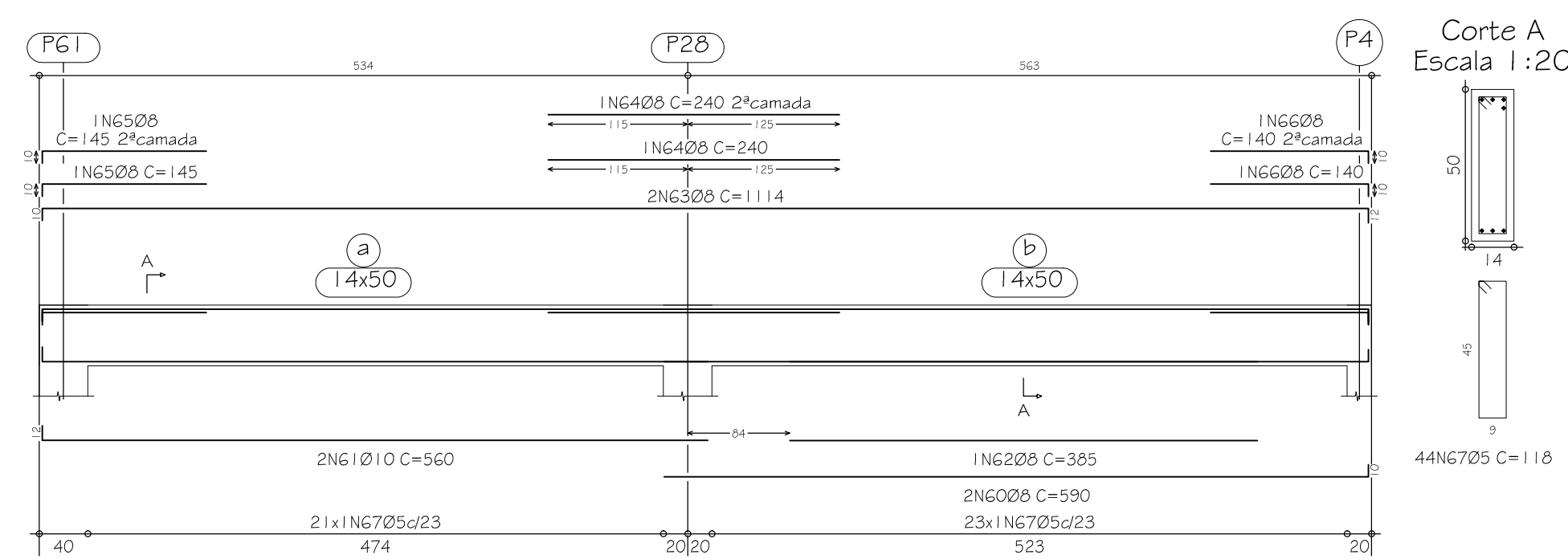
V 71
Escala 1:50



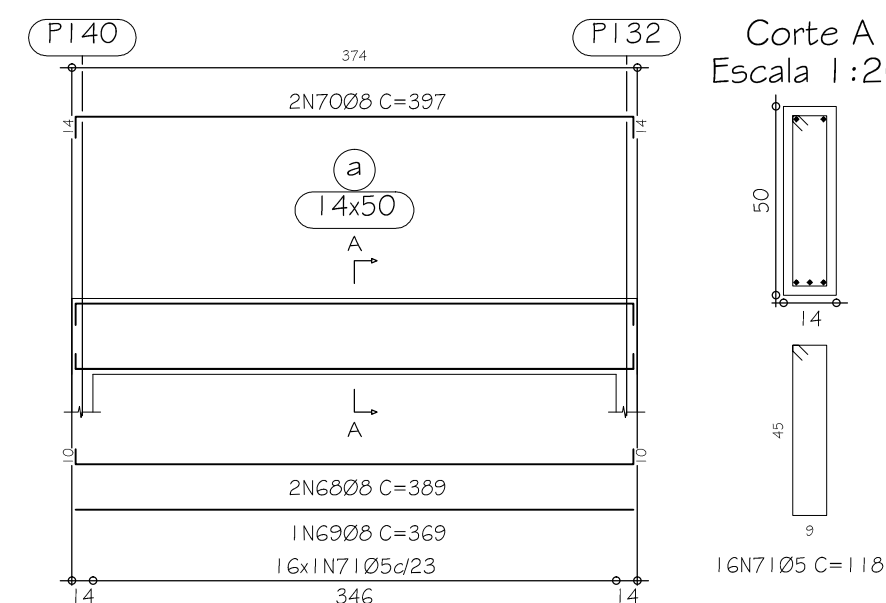
V 74
Escala 1:50



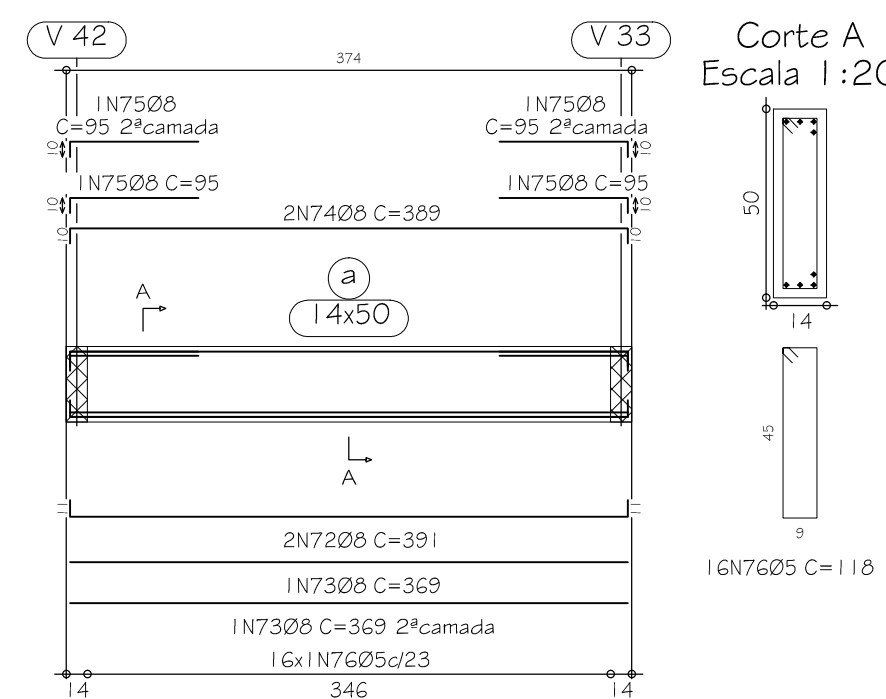
V 75
Escala 1:50



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 + I.O.R:						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	2239	5.7	
	13	Ø5	15	116	1770		2.8
Total + I.O.R:						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 + I.O.R:						5.7	2.8
V 61	16	Ø6	2	392	784	3.1	
	17	Ø6	2	400	800	3.1	
	18	Ø6	4	100	400	1.6	
	19	Ø5	20	96	1960		3.0
Total + I.O.R:						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 + I.O.R:						32.8	
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 + I.O.R:						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 + I.O.R:						44.9	2.9
V 68 = V 96	36	Ø12.5	4	560	2320	22.8	
	37	Ø10	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 + I.O.R:					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 + I.O.R:						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	13.7
Total + I.O.R:					75.5	15.1	
V 74	53	Ø5	67	130	8710		45.3
	Total + I.O.R:					226.5	
	54	Ø6	2	369	778	3.1	
	55	Ø6	1	369	369	1.4	
	56	Ø6	2	401	802	3.1	
V 75	57	Ø6	4	120	480	1.9	
	58	Ø6	2	90	180	0.7	
	59	Ø5	16	116	1688		3.0
	Total + I.O.R:					11.2	3.3
V 75	60	Ø10	2	590	1180	4.6	
	61	Ø10	2	560	1120	4.5	
	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	Ø5	2	140	280	1.1	
V 76	67	Ø5	44	116	5192		8.2
	Total + I.O.R:					28.5	9.0
	68	Ø6	2	369	778	3.1	
	69	Ø6	1	369	369	1.4	
	70	Ø6	2	387	794	3.1	
V 77	71	Ø5	16	116	1688		3.0
	Total + I.O.R:					8.4	3.3
	72	Ø6	2	381	762	3.1	
	73	Ø6	2	369	738	2.9	
	74	Ø6	2	389	778	3.1	
V 77	75	Ø6	4	95	380	1.5	
	76	Ø5	16	116	1688		3.0
	Total + I.O.R:					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		
EMISSIONAL 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 ENGENHARIA SOLAR CONSTRUÇÕES,PROJETOS E CONSULTORIA LTDA CNPJ: 13.411.864/0001-48 TEL: (31)3568-2814 BH/MG eken@solarengharia.eng.br
	CEI LOT. PE. ROMA		ÁREA DO TERRENO: 9840 m²
			ÁREA CONSTRUIDA:
	PREFEITURA MUNICIPAL DE JOINVILLE CNPJ: 83.169.623/0001-10 CONTRATANTE		ÁREA PERMEÁVEL:
ENDEREÇO: R. TREVISÓ, 497 –JARIVATUBA– JOINVILLE		EDUARDO KEN MIZUTA CREA: 139067/D RESPONSÁVEL TÉCNICO	
DETALHES: DETALHAMENTO VIGAS BALDRAME PARTE 1		PROJETO: ESTRUTURAL DESENHISTA: ISABELLA TEOTONIO DIAS	ARQUIVO: 001-002-2013-EXE-EST-08
		DATA: MAIO/2013	FOLHA: 08 / 15
		ESCALA: INDICADA	