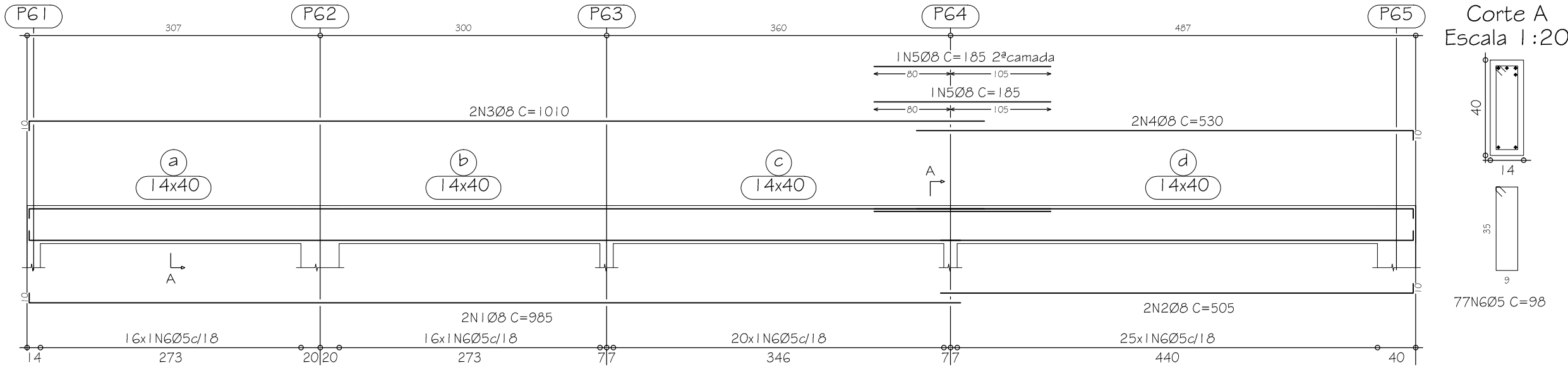
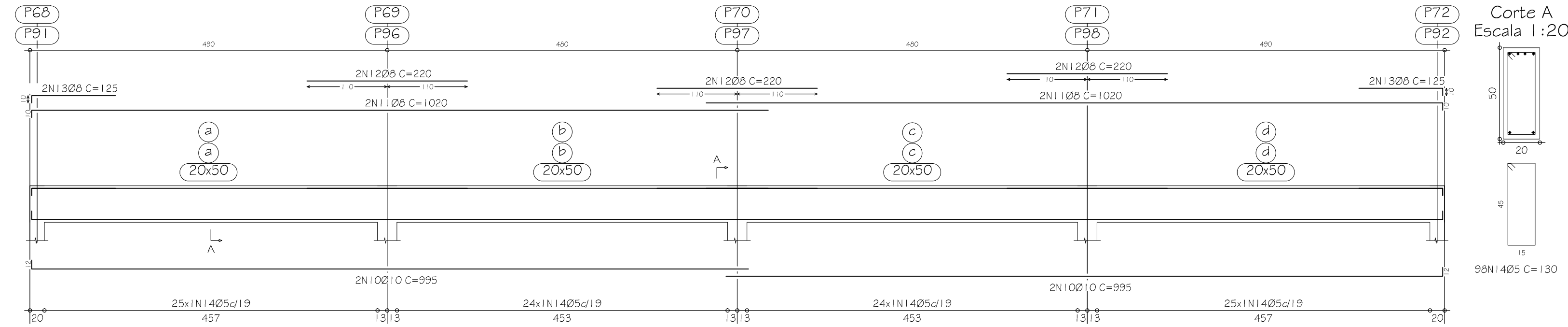


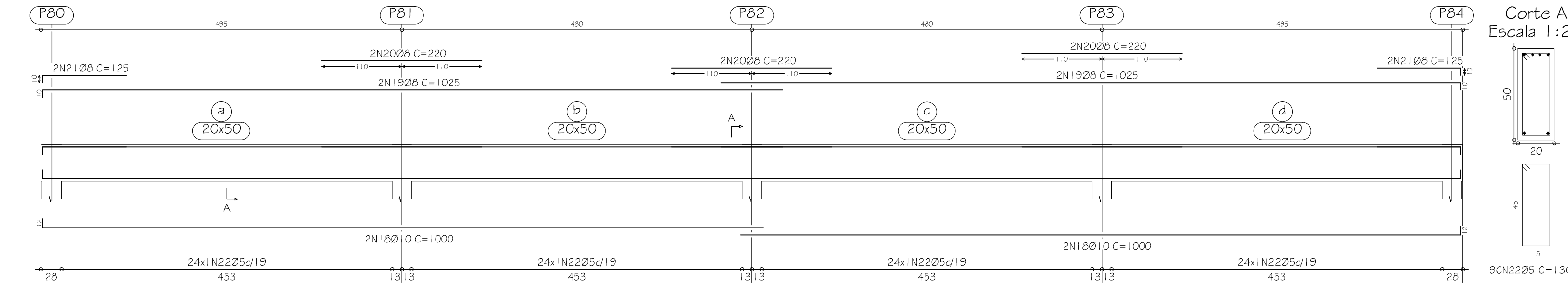
V 24  
Escala 1:50



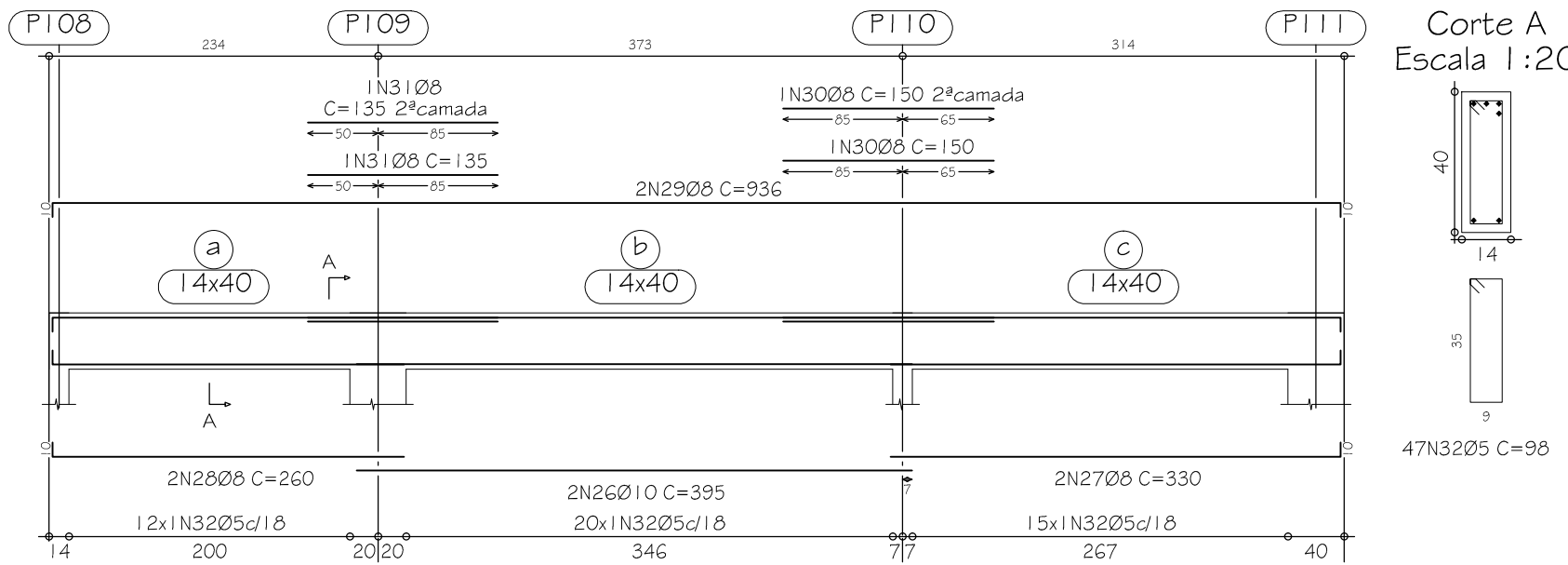
V 26  
V 30  
Escala 1:50



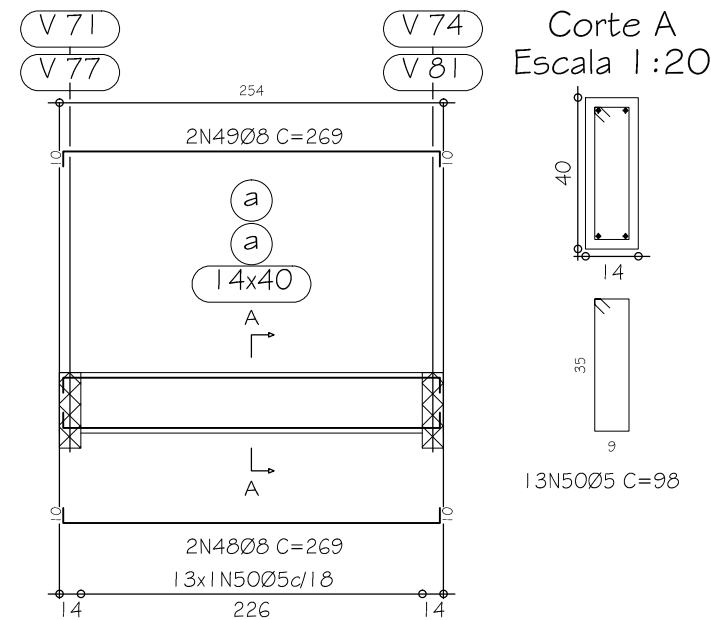
V 28  
Escala 1:50



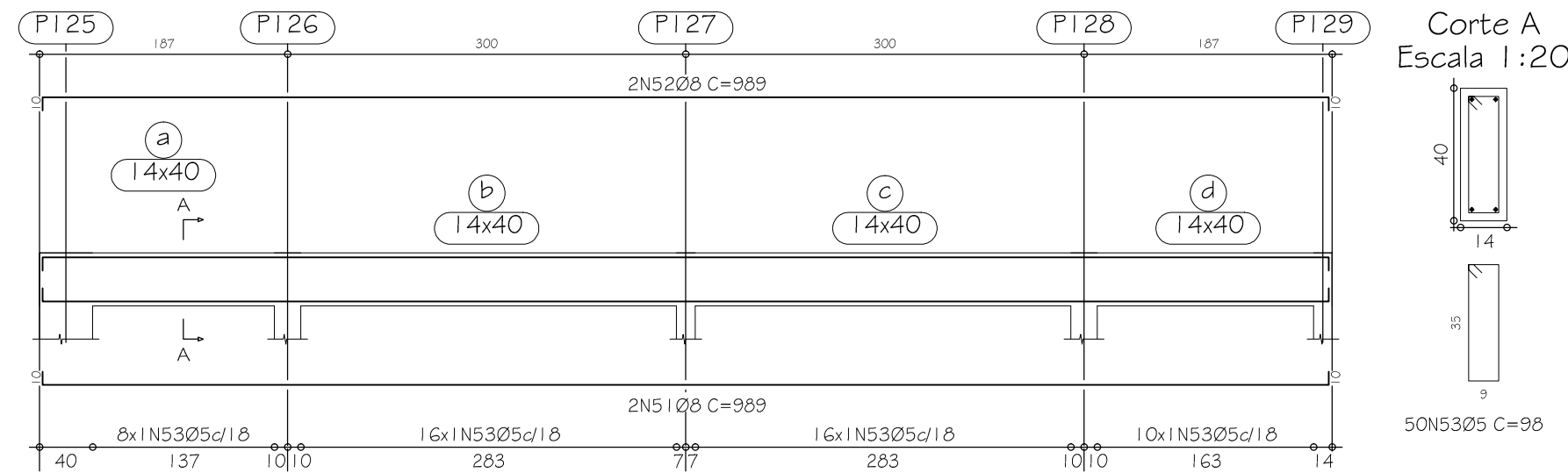
V 33  
Escala 1:50



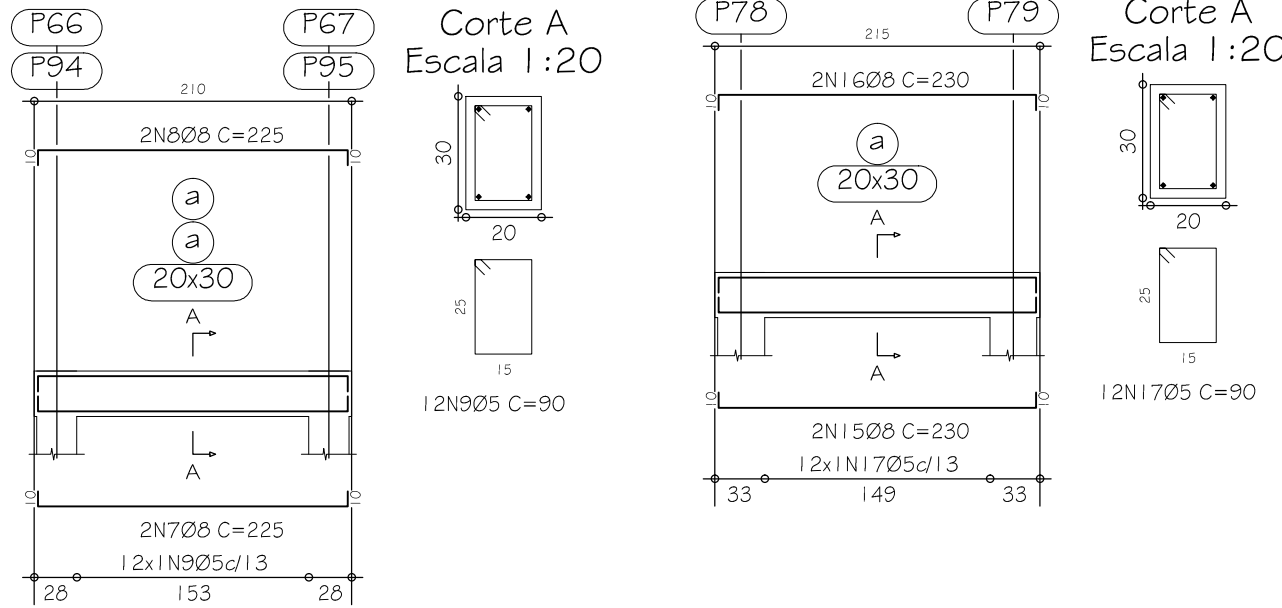
V 39  
V 40  
Escala 1:50



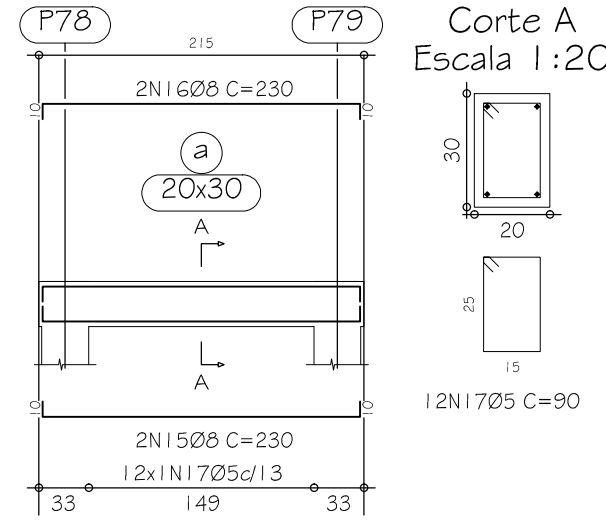
V 41  
Escala 1:50



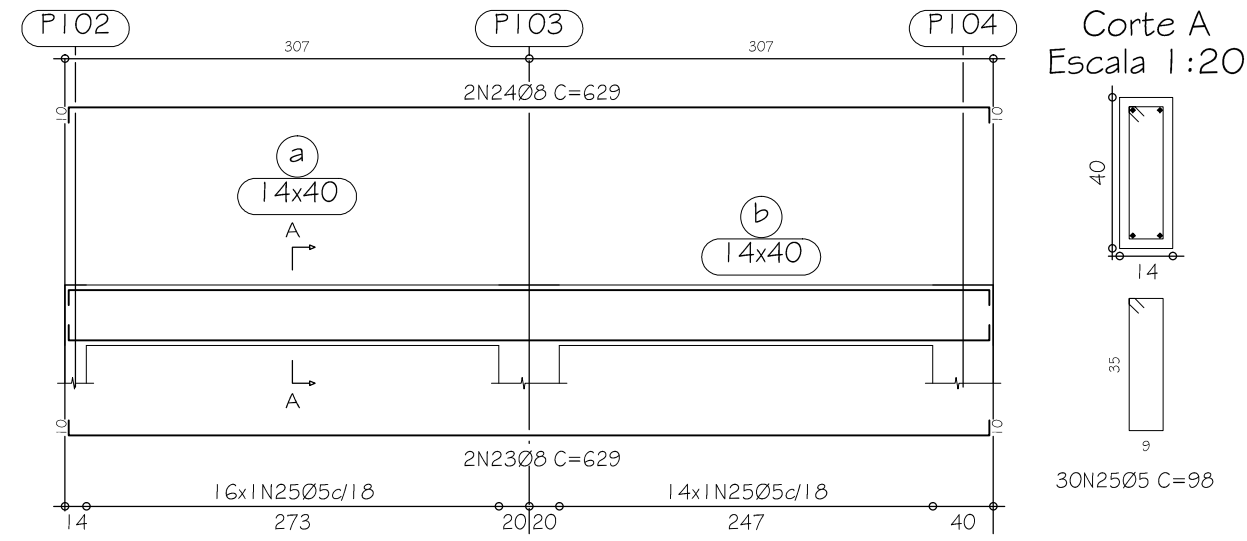
V 25  
V 29  
Escala 1:50



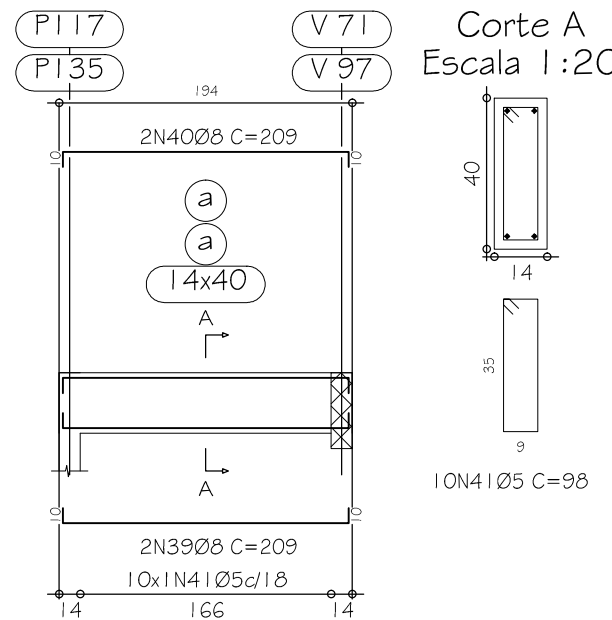
V 27  
Escala 1:50



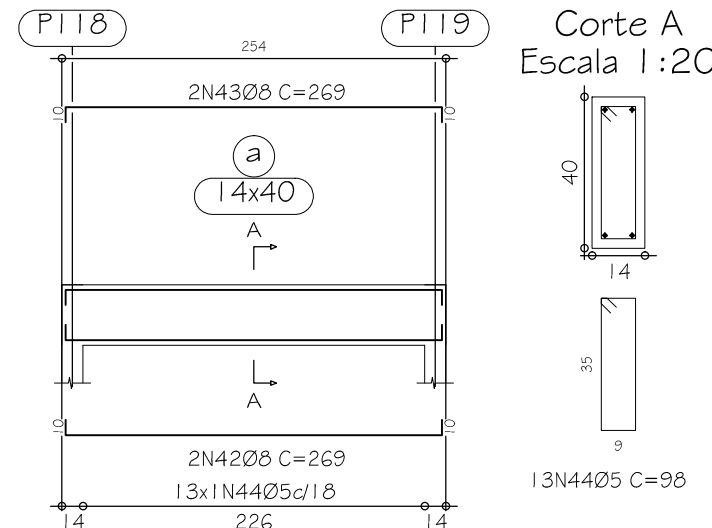
V 31  
Escala 1:50



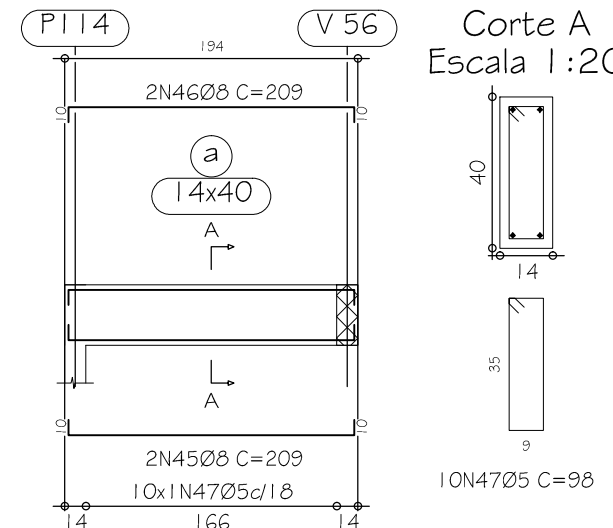
V 36  
V 43  
Escala 1:50



V 37  
Escala 1:50



V 38  
Escala 1:50



Elemento	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
V 24	1	Ø6	2	985	1970	7.7	
	2	Ø6	2	505	1010	4.0	
	3	Ø6	2	1010	2020	7.9	
	4	Ø6	2	530	1060	4.2	
	5	Ø6	2	185	370	1.5	
	6	Ø5	77	96	7546		11.8
Total+10%:						27.8	13.0
V 25=V 29	7	Ø6	2	225	450	1.8	
	8	Ø6	2	450	900	3.6	
	9	Ø5	12	90	1080		1.7
Total+10%:						4.0	1.9
V 26=V 30	10	Ø10	4	995	3980	25.0	
	11	Ø6	4	1020	4080	16.0	
	12	Ø6	6	220	1320	5.2	
	13	Ø6	4	125	500	2.0	
	14	Ø5	98	130	12740		20.0
	Total+10%:					53.0	22.0
V 27	15	Ø6	2	230	460	1.8	
	16	Ø6	2	230	460	1.8	
	17	Ø5	12	90	1080		1.7
Total+10%:						4.0	1.9
V 28	18	Ø10	4	1000	4000	25.1	
	19	Ø6	4	1025	4100	16.1	
	20	Ø6	6	220	1320	5.2	
	21	Ø6	4	125	500	2.0	
	22	Ø5	98	130	12480		19.6
	Total+10%:					53.2	21.6
V 31	23	Ø6	2	629	1258	4.9	
	24	Ø6	2	629	1258	4.9	
	25	Ø5	30	99	2940		4.6
Total+10%:						10.8	5.1
V 33	26	Ø10	2	395	790	5.0	
	27	Ø6	2	330	660	2.6	
	28	Ø6	2	260	520	2.0	
	29	Ø6	2	936	1872	7.3	
	30	Ø6	2	150	300	1.2	
	31	Ø6	2	135	270	1.1	
V 34	32	Ø5	47	96	4606		7.2
	Total+10%:					21.1	7.9
V 35	33	Ø6	2	442	884	3.5	
	34	Ø6	2	432	864	3.4	
	35	Ø5	23	96	2254		3.5
Total+10%:						7.6	3.9
V 36	36	Ø6	2	369	738	3.1	
	37	Ø6	2	369	738	3.1	
	38	Ø5	18	96	1764		2.8
Total+10%:						6.8	3.1
V 37	39	Ø6	2	209	418	1.6	
	40	Ø6	2	209	418	1.6	
	41	Ø5	10	96	960		1.5
Total+10%:						3.5	1.7
V 38	42	Ø6	2	269	538	2.1	
	43	Ø6	2	269	538	2.1	
	44	Ø5	13	96	1274		2.0
Total+10%:						4.6	2.2
V 39=V 40	45	Ø6	2	209	418	1.6	
	46	Ø6	2	209	418	1.6	
	47	Ø5	10	96	960		1.5
Total+10%:						3.5	1.7
V 41	48	Ø6	2	269	538	2.1	
	49	Ø6	2	269	538	2.1	
	50	Ø5	13	96	1274		2.0
Total+10%:						4.6	2.2
V 42	51	Ø6	2	969	1938	7.8	
	52	Ø6	2	969	1938	7.8	
	53	Ø5	50	96	4900		7.7
Total+10%:						17.2	8.5
V 43	54	Ø10	2	633	1266	8.0	
	55	Ø10	2	633	1266	8.0	
	56	Ø5	24	116	2832		4.4
Total+10%:						17.6	4.8
Total:						304.4	129.3

DETALHAMENTO VIGAS BALDRAME  
Escala 1:50

REVISÃO:	03		
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	
<b>CEI CONJ. HAB. IRMÃ M. DA GRAÇA BRAZ</b>		COORDENAÇÃO DE PROJETOS: <b>SOLAR</b> SOLAR CONSTRUÇÕES, PROJETOS E CONSULTORIA LTDA. CNPJ: 13.411.864/0001-48 TEL.: (31)3568-2814 BH/MG eken@solarengenharia.eng.br	
PREFEITURA MUNICIPAL DE JOINVILLE CNPJ: 83.169.623/0001-10 CONTRATANTE		EDUARDO KEN MIZUTA CREA: 139067/D RESPONSÁVEL TÉCNICO	
ENDEREÇO: RUA PAPA JOÃO PAULO I, (232) - JARDIM IRIRIÚ - JOINVILLE		ARQUIVO: 001-006-2013-EXE-EST-06	
DETALHES: DETALHAMENTO VIGAS BALDRAME PARTE 1		PROJETO: <b>ESTRUTURAL</b> DESENHISTA: ISABELLA TEOTONIO DIAS	
		FOLHA: MAIO/2013 ESCALA: INDICADA	
		06 / 15	