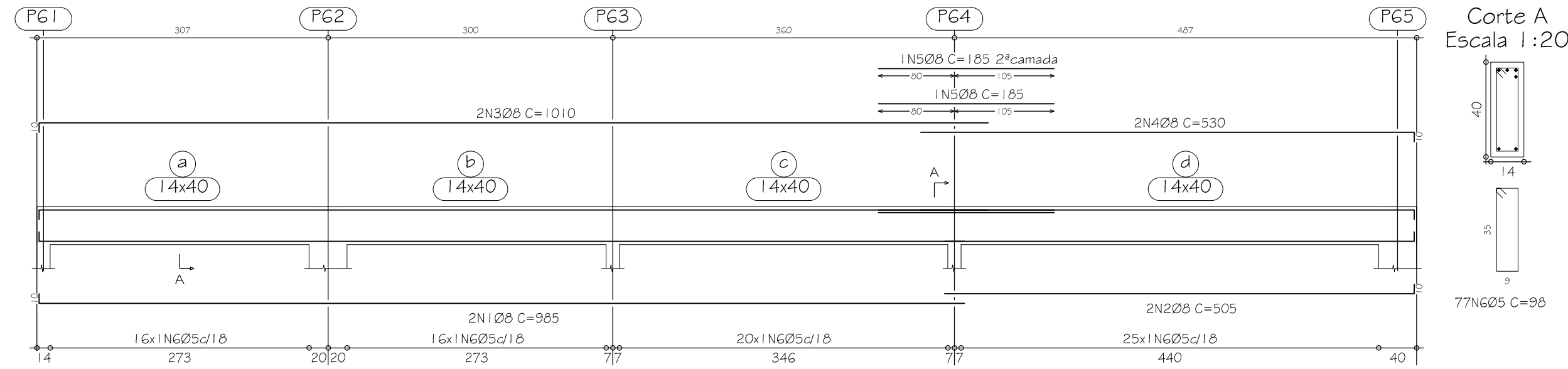
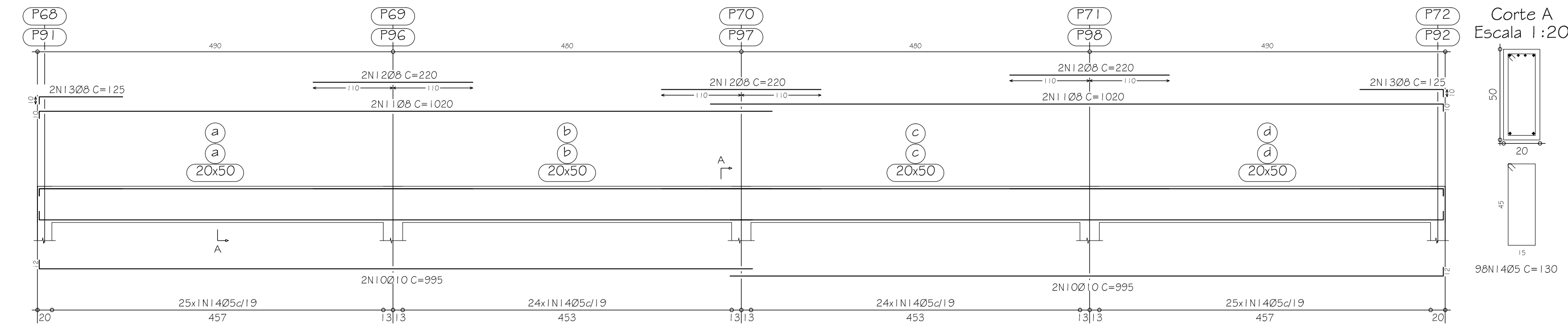


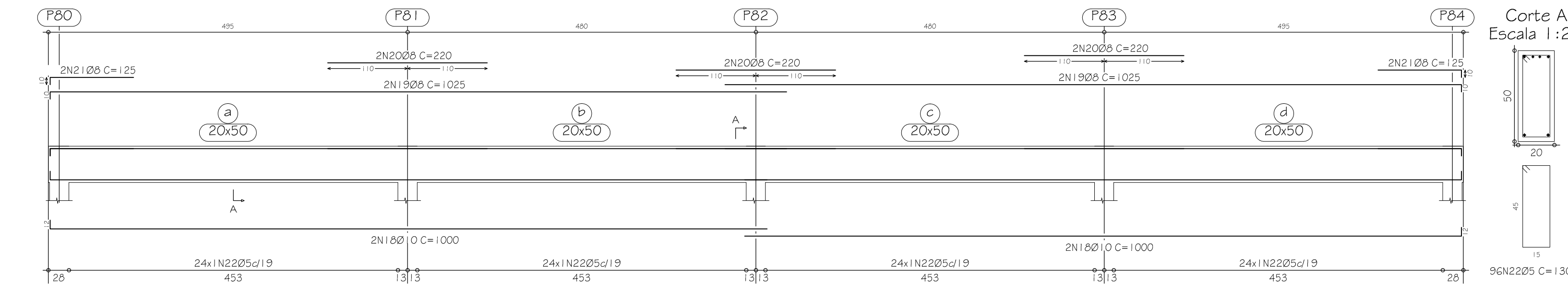
V 24
Escala 1:50



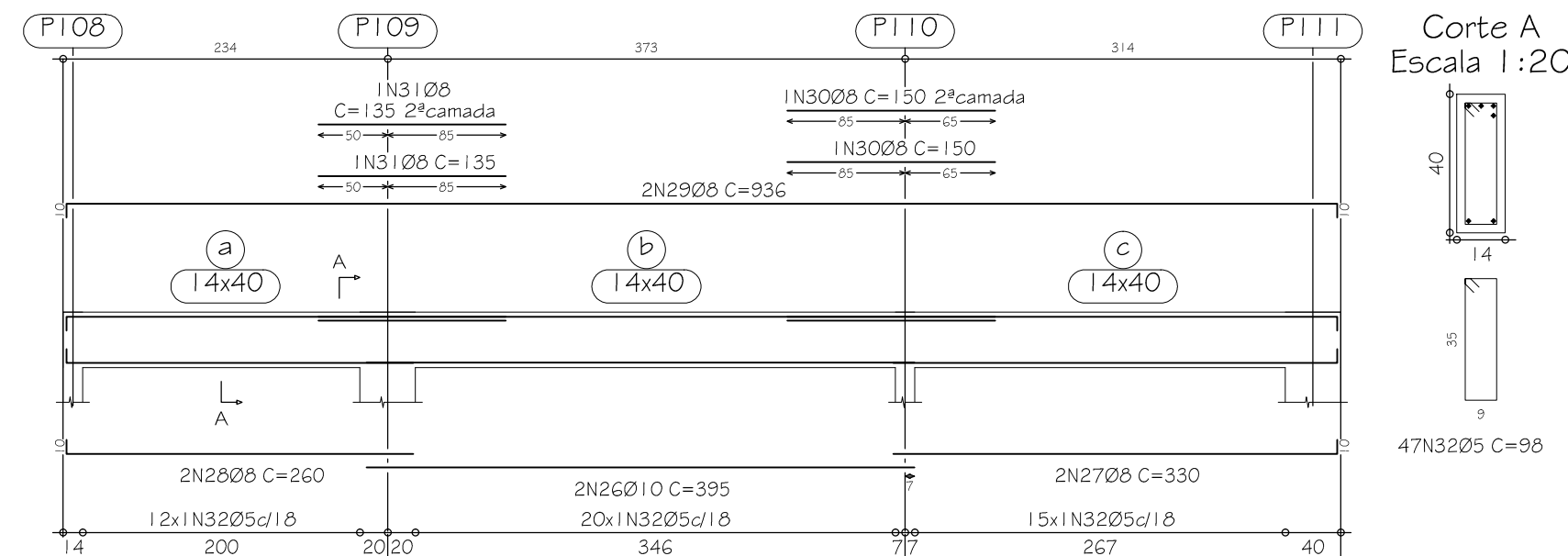
V 26
V 30
Escala 1:50



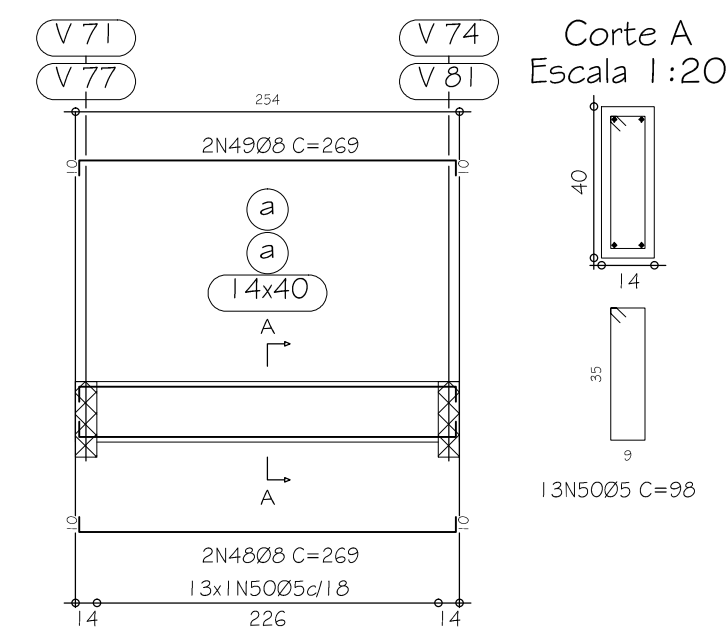
V 28
Escala 1:50



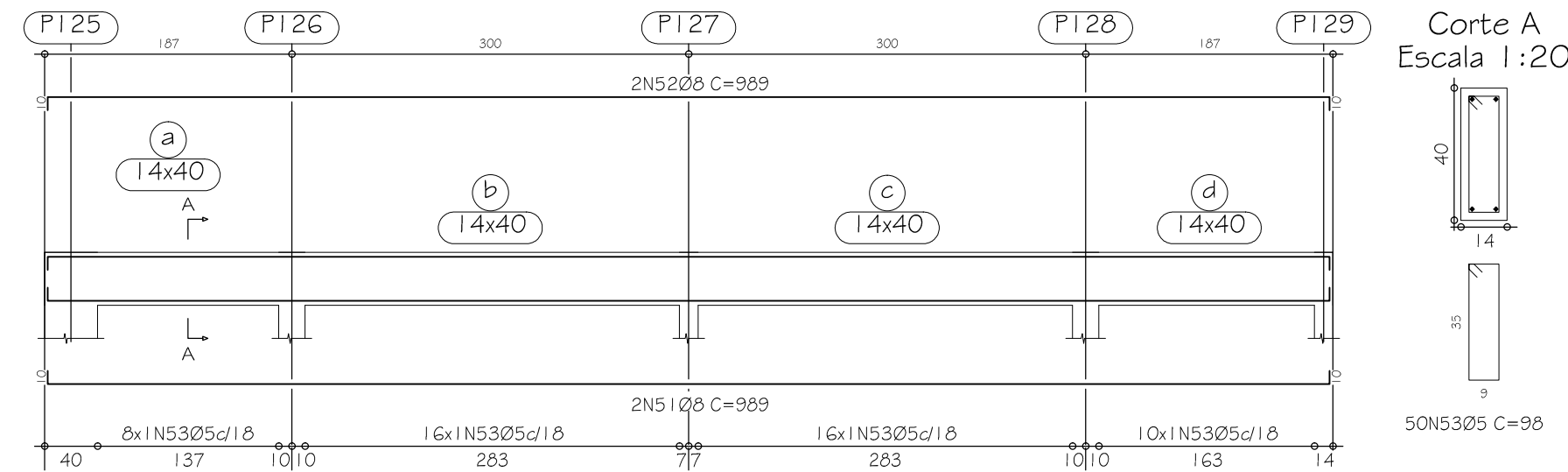
V 33
Escala 1:50



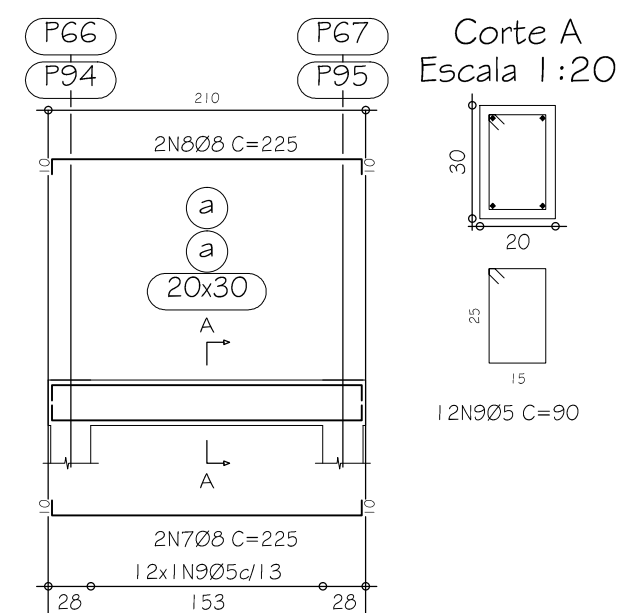
V 39
V 40
Escala 1:50



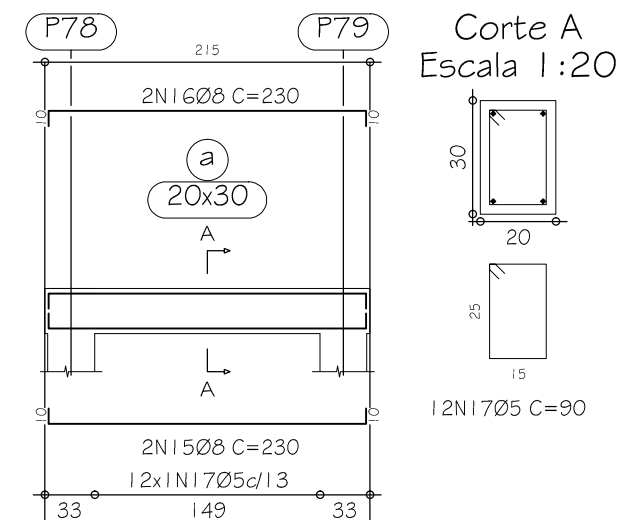
V 41
Escala 1:50



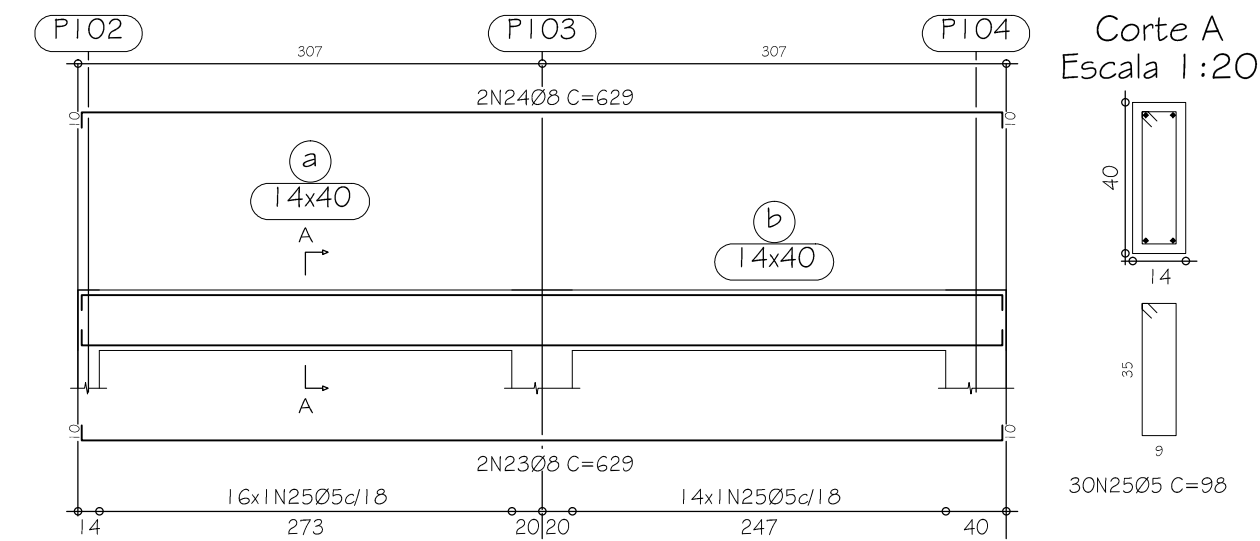
V 25
V 29
Escala 1:50



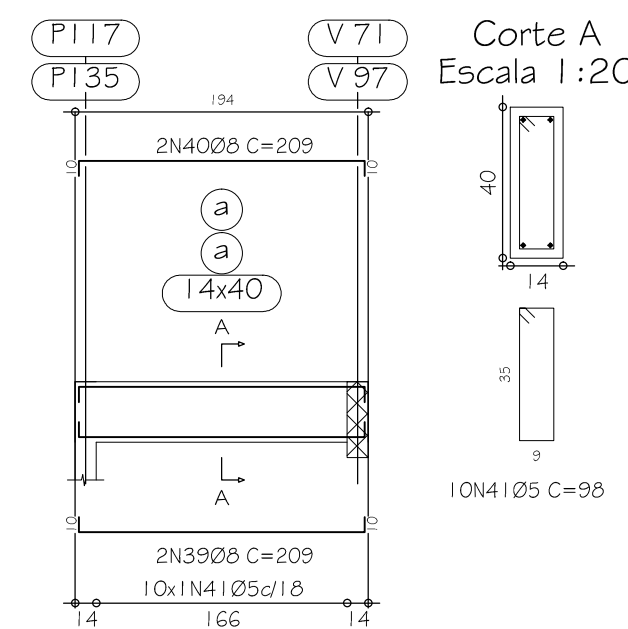
V 27
Escala 1:50



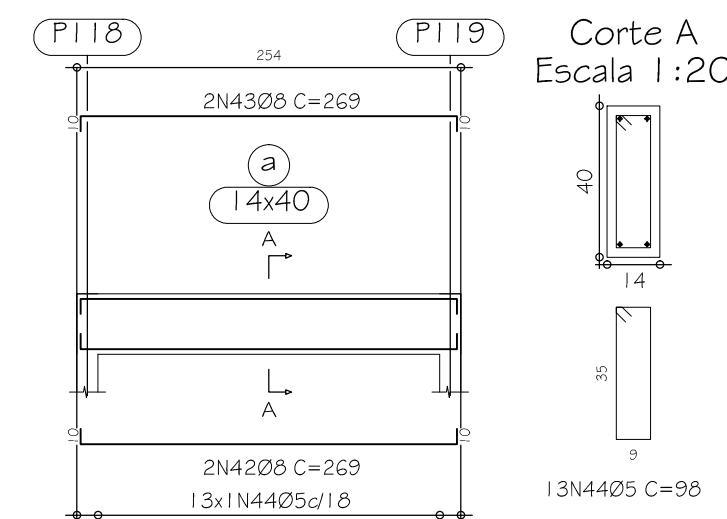
V 31
Escala 1:50



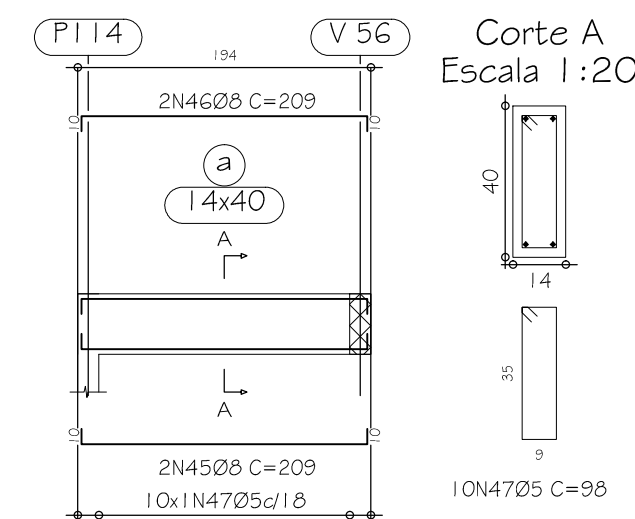
V 36
V 43
Escala 1:50



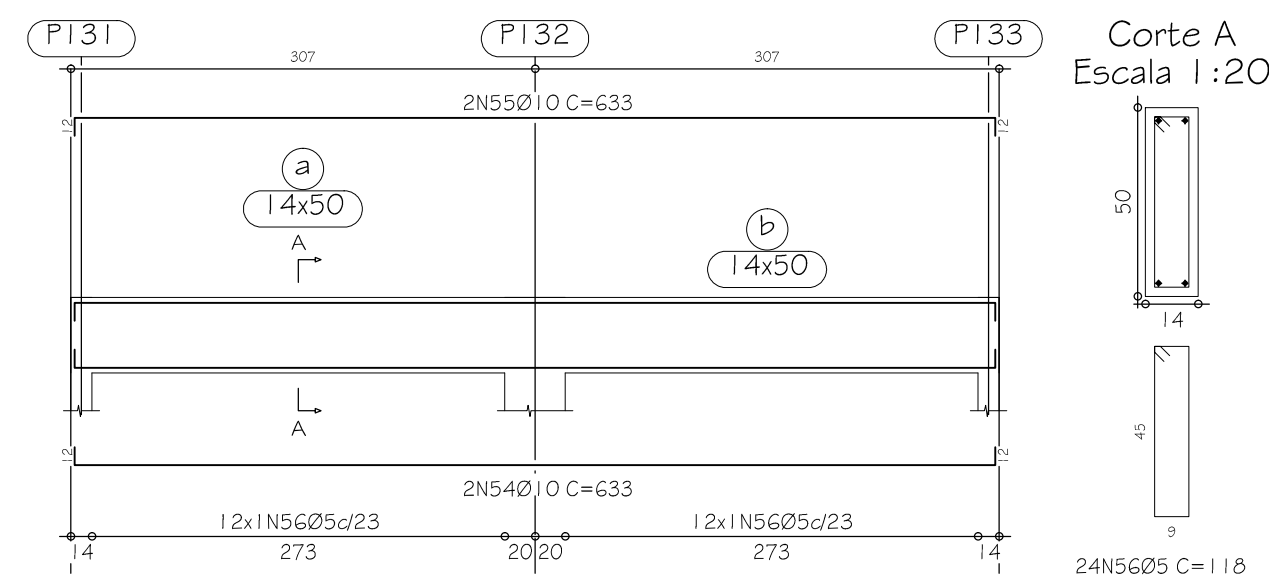
V 37
Escala 1:50



V 38
Escala 1:50



V 42
Escala 1:50



Elemento	Pos.	Diám.	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	155	310	1.5	
	6	Ø5	77	98	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):	4.0
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
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
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	12480		19.6
	Total+10%:					(x2):	53.2
V 31	23	Ø8	2	629	1258	4.9	
	24	Ø8	2	629	1258	4.9	
	25	Ø5	30	98	2940		4.6
	Total+10%:					(x2):	10.6
V 33	26	Ø10	2	395	790	5.0	
	27	Ø8	2	230	460	2.6	
	28	Ø8	2	260	520	2.0	
	29	Ø8	2	936	1872	7.3	
	30	Ø8	2	150	300	1.2	
	31	Ø5	13	135	1710		1.1
	32	Ø5	47	98	4606		7.2
	Total+10%:					(x2):	21.1
V 34	33	Ø8	2	442	884	3.5	
	34	Ø8	2	432	864	3.4	
	35	Ø5	23	98	2254		3.5
	Total+10%:					(x2):	7.6
V 35	36	Ø8	2	369	778	3.1	
	37	Ø8	2	369	778	3.1	
	38	Ø5	18	98	1764		2.8
	Total+10%:					(x2):	6.8
V 36=V 43	39	Ø8	2	209	418	1.6	
	40	Ø8	2	209	418	1.6	
	41	Ø5	10	98	980		1.5
	Total+10%:					(x2):	3.5
V 37	42	Ø8	2	269	538	2.1	
	43	Ø8	2	269	538	2.1	
	44	Ø5	13	98	1274		2.0
	Total+10%:					(x2):	4.6
V 38	45	Ø8	2	209	418	1.6	
	46	Ø8	2	209	418	1.6	
	47	Ø5	10	98	980		1.5
	Total+10%:					(x2):	3.5
V 39=V 40	48	Ø8	2	269	538	2.1	
	49	Ø8	2	269	538	2.1	
	50	Ø5	13	98	1274		2.0
	Total+10%:					(x2):	4.6
V 41	51	Ø8	2	989	1978	7.8	
	52	Ø8	2	989	1978	7.8	
	53	Ø5	50	98	4900		7.7
	Total+10%:					(x2):	17.2
V 42	54	Ø10	2	633	1266	8.0	
	55	Ø10	2	633	1266	8.0	
	56	Ø5	24	118	2832		4.4
	Total+10%:					(x2):	17.6
	Ø5: 0.0					0.0	129.3
	Ø8: 198.7					198.7	0.0
	Ø10: 105.7					0.0	129.3
	Total: 304.4					304.4	129.3

DETALHAMENTO VIGAS BALDRAME

Escala 1:50

REVISÃO:	03		
REVISÃO:	02		
REVISÃO:	01		
EMISSÃO 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@solarengenharia.eng.br
	CEI RUA LAERCIO BENINCA	ÁREA DO TERRENO: 5.049,00 m²
PREFEITURA MUNICIPAL DE JOINVILLE CNPJ.: 83.169.623/0001-10 CONTRATANTE	EDUARDO KEN MIZUTA CREA: 139067/O RESPONSÁVEL TÉCNICO	ÁREA CONSTRUÍDA:
ÁREA PERMEÁVEL:		ARQUIVO: 001-004-2013-EXE-EST-06
ENDEREÇO: RUA LAERCIO BENINCA (324) – VILA NOVA – CEP 89237-326 – JOINVILLE		PROJETO: DETALHAMENTO
DETALHES:	DETALHAMENTO	DATA: MAIO/2013
PARTE 1	DESENHISTA: ISABELLA TEOTONIO DIAS	FOLHA: ESCALA: INDICADA

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