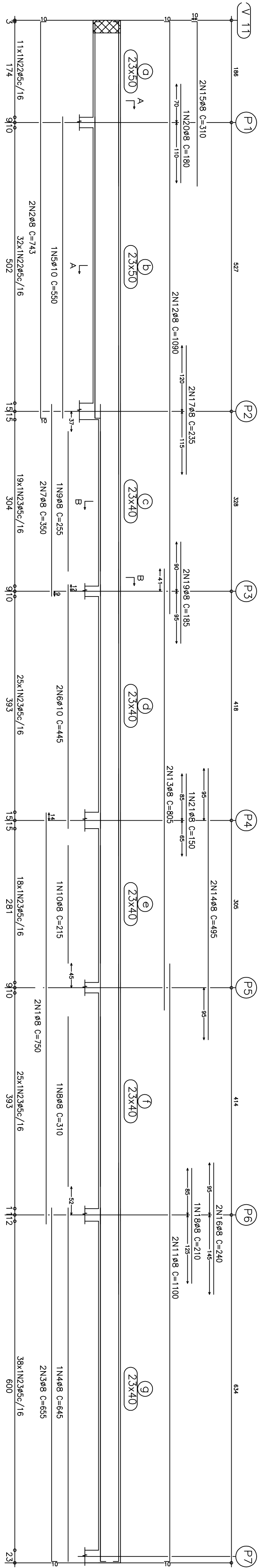
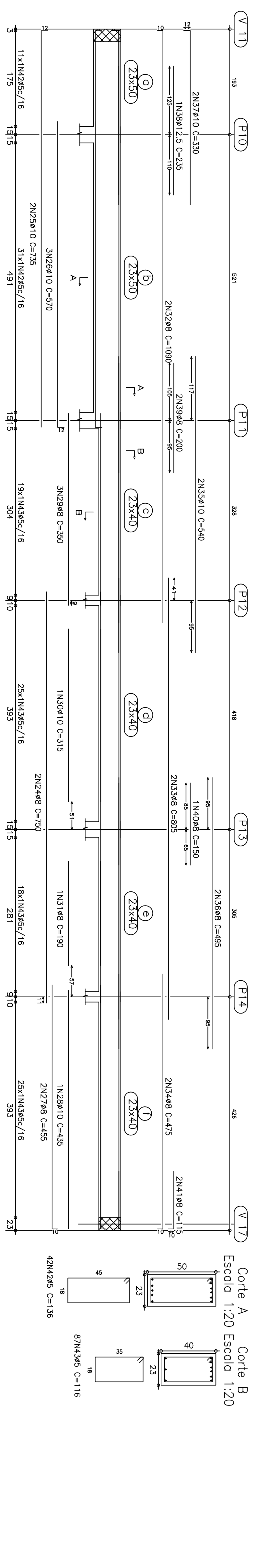


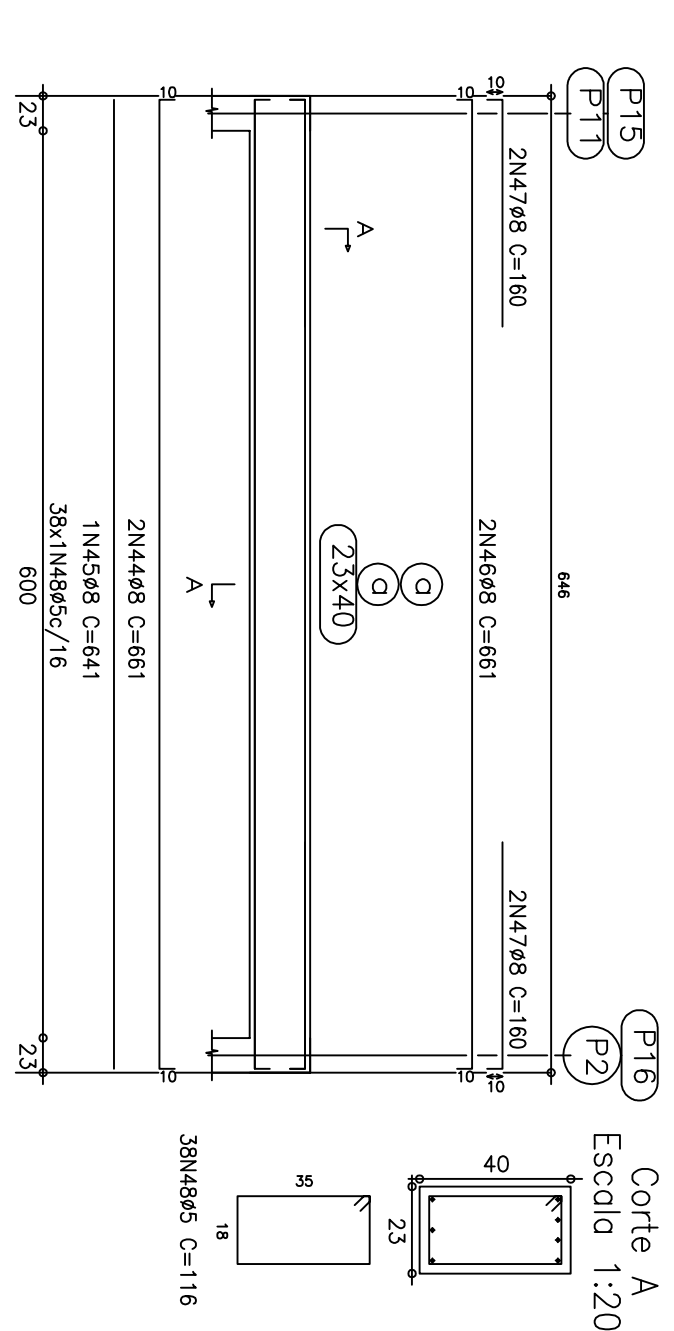
V 1  
Escala 1:50



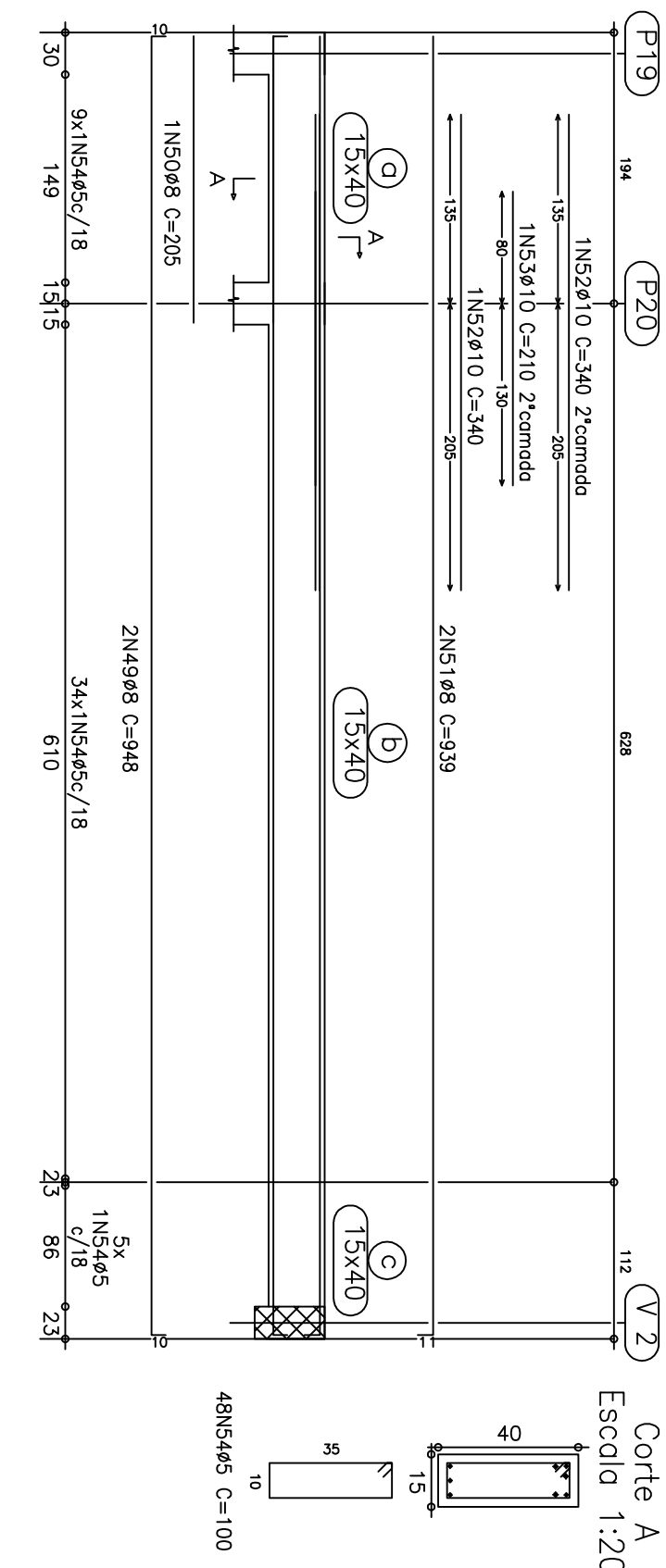
V 2  
Escala 1:50



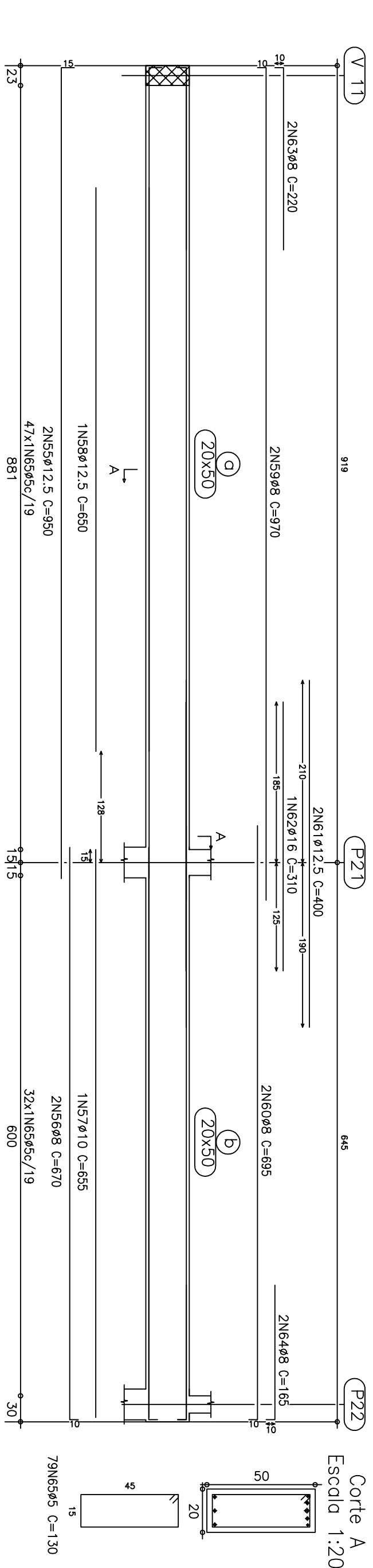
V 3  
V 12  
Escala 1:50



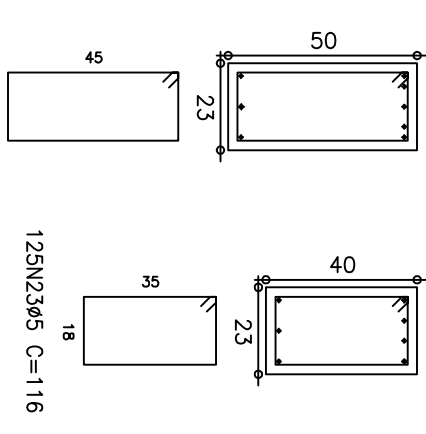
V 4  
Escala 1:50



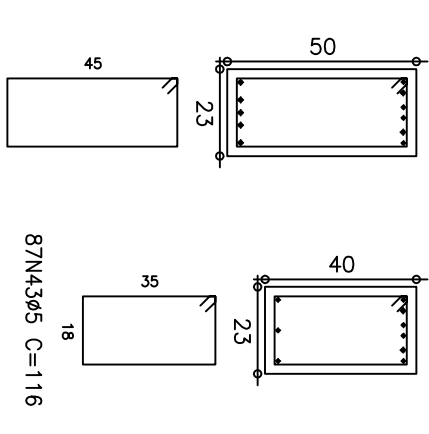
V 5  
Escala 1:50



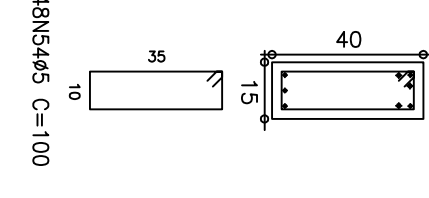
Corte A  
Escala 1:20



Corte A  
Escala 1:20



Corte A  
Escala 1:20



DETALHAMENTO VIGAS COBERTURA											
Elemento	Pos.	Diam.	Q.	Comp.	Total	CA-50-A	CA-60-B	(kg)	(kg)		
V 1	1	Ø8	2	750	1500	5.9					
	2	Ø8	2	743	1486	5.8					
	3	Ø8	2	736	1472	5.7					
	4	Ø8	2	729	1458	5.6					
	5	Ø10	1	550	550	3.5					
	6	Ø10	2	445	890	5.6					
	7	Ø8	2	350	700	2.7					
	8	Ø8	1	255	255	1.2					
	9	Ø8	1	255	255	1.0					
	10	Ø8	1	215	215	0.8					
	11	Ø8	2	1100	2200	8.6					
	12	Ø8	2	1090	2180	8.6					
	13	Ø8	2	1080	2160	8.6					
	14	Ø8	2	1070	2140	8.6					
	15	Ø8	2	1060	2120	8.6					
	16	Ø8	2	1050	2100	8.6					
	17	Ø8	2	1040	2080	8.6					
	18	Ø8	2	1030	2060	8.6					
	19	Ø8	2	1020	2040	8.6					
	20	Ø8	2	1010	2020	8.6					
	21	Ø8	2	1000	2000	8.6					
	22	Ø5	43	136	5848	0.7				9.2	
	23	Ø5	123	116	14500	15.8				22.8	
				Total+10%	78.3				35.2		
V 2	24	Ø8	2	750	1500	5.9					
	25	Ø10	2	735	1470	5.2					
	26	Ø10	3	570	1710	10.7					
	27	Ø8	2	435	870	3.6					
	28	Ø10	1	435	435	2.7					
	29	Ø8	3	350	1050	4.1					
	30	Ø10	1	315	315	2.0					
	31	Ø8	2	1080	2160	8.6					
	32	Ø8	2	1080	2160	8.6					
	33	Ø8	2	1080	2160	8.6					
	34	Ø8	2	1080	2160	8.6					
	35	Ø10	2	540	1080	6.8					
	36	Ø8	2	495	990	3.7					
	37	Ø8	2	495	990	3.7					
	38	Ø12.5	1	235	235	2.3					
	39	Ø8	2	200	400	1.6					
	40	Ø8	2	200	400	1.6					
	41	Ø8	2	150	150	0.6					
	42	Ø5	42	136	5712	0.9				9.0	
	43	Ø5	87	116	10092	15.8				15.8	
					Total+10%	85.5				27.3	
	V 3+V 2	44	Ø8	2	661	1322	5.2				
		45	Ø8	1	641	641	2.5				
46		Ø8	2	661	1322	5.2					
47		Ø8	4	160	640	2.5					
48		Ø5	38	116	4408	6.9					
					Total+10%	16.9			7.6		
V 4		49	Ø8	2	948	1896	7.4				
		50	Ø8	1	205	205	0.8				
		51	Ø8	2	938	1878	7.4				
		52	Ø10	2	410	820	4.3				
		53	Ø10	1	210	210	1.3				
		54	Ø5	48	100	4800	7.5				
						Total+10%	23.3			8.3	
		V 5	55	Ø12.5	2	950	1900	18.6			
			56	Ø8	2	670	1340	5.3			
			57	Ø10	1	655	655	4.1			
			58	Ø8	2	950	1900	7.6			
			59	Ø8	2	995	1990	7.9			
			60	Ø8	2	695	1390	5.5			
			61	Ø12.5	2	400	800	7.9			
			62	Ø16	1	310	310	4.9			
			63	Ø8	2	220	440	1.7			
			64	Ø8	2	220	440	1.7			
	65		Ø5	79	130	10270	16.1				
						Total+10%	69.6			17.7	
	Resumo Aço Cobertura Vigas		Ø5:					0.0			103.7
			Ø10:					186.7			0.0
			Ø12.5:					59.6			0.0
			Ø16:					36.4			0.0
Total:							280.5			103.7	
CA-60-B Ø5			CA-60-B Ø5			1937.6		335			888
			Total					335			335
								122.3			122.3

REVISÃO: 03 00/00/0000 DESCRIÇÃO	
REVISÃO: 02 00/00/0000 DESCRIÇÃO	REVISÃO: 01 30/08/2013 REVISÃO DO CARIMBO
REVISÃO: 01 30/08/2013 REVISÃO DO CARIMBO	
EMISSÃO INICIAL: * MARÇO/2013 EMISSÃO INICIAL	
PREFEITURA MUNICIPAL DE JONIVILLE	
CNPJ: 83169623/0001-10	
END: Av. Hermann Auguste Lappey, nº 10, Centro.	
Joniville / SC TEL: (47) 3431-3233	
E.M. PROFESSOR BERNARDO TANK	
PREFEITURA M. JONIVILLE	
CNPJ: 83169623/0001-10	
END: Av. Hermann Auguste Lappey, nº 10, Centro.	
Joniville / SC TEL: (47) 3431-3233	
Eduardo Ken Mizuta	
CREA 139.087/D	
RESPONSÁVEL TÉCNICO	
ARQUIVO: 001-011-2013-EXE-EST-10	
DATA: MARÇO/2013	
FOLHA: 10/12	

CONDIÇÃO DE PROJETOS:	
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