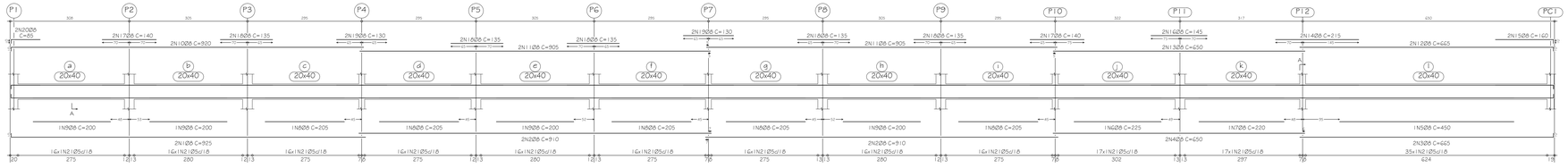
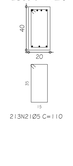
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

V 1
Escala 1:50



Corte A
Escala 1:20



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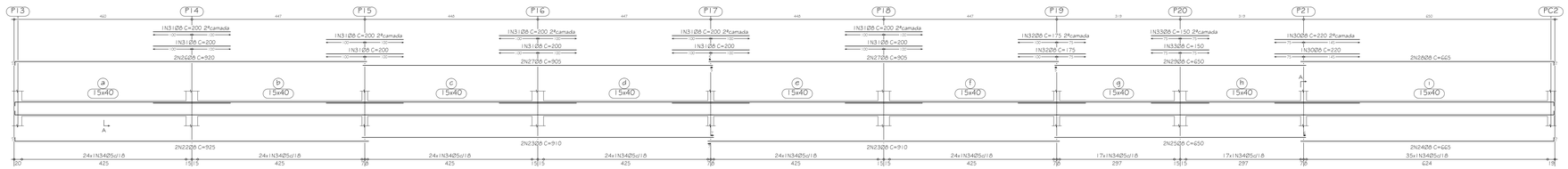
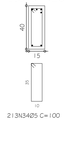
Escala 1:50



Corte A
Escala 1:20



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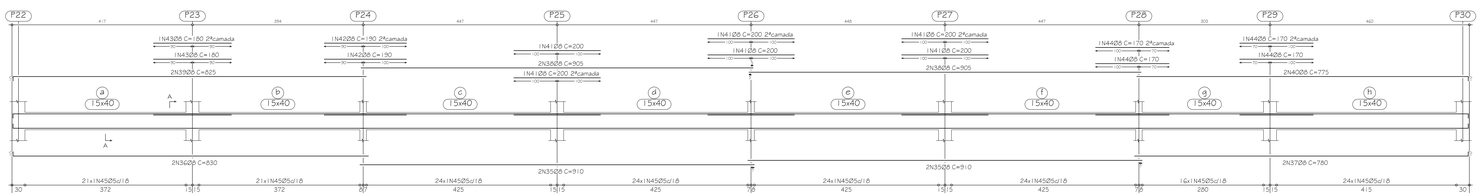
Escala 1:50



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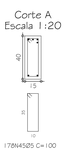
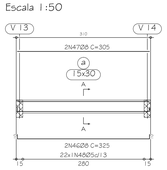


V 4
Escala 1:50



Corte A
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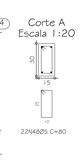
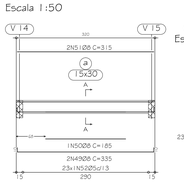


V 5
Escala 1:50



Corte A
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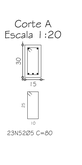
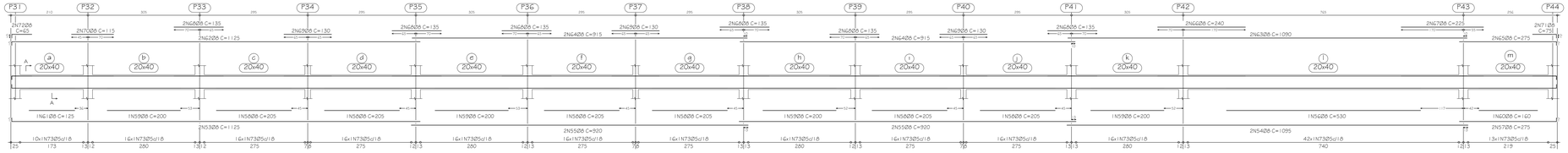
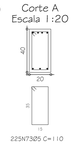


V 6
Escala 1:50



Corte A
Escala 1:20



Elemento	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
V 1	1	Ø8	2	925	1850	7.3	
	2	Ø8	4	910	3640	14.3	
	3	Ø8	2	665	1330	5.2	
	4	Ø8	2	650	1300	5.1	
	5	Ø8	1	450	450	1.8	
	6	Ø8	1	225	225	0.9	
	7	Ø8	1	220	220	0.9	
	8	Ø8	5	205	1025	4.0	
	9	Ø8	4	200	800	3.1	
	10	Ø8	2	920	1840	7.2	
	11	Ø8	4	905	3620	14.2	
	12	Ø8	2	665	1330	5.2	
	13	Ø8	2	650	1300	5.1	
	14	Ø8	2	215	430	1.7	
	15	Ø8	2	160	320	1.3	
	16	Ø8	2	145	290	1.1	
	17	Ø8	4	140	560	2.2	
	18	Ø8	10	135	1350	5.3	
	19	Ø8	4	130	520	2.0	
	20	Ø8	2	85	170	0.7	
	21	Ø5	213	110	23430		36.8
					Total+10%	97.5	40.5
V 2	22	Ø8	2	925	1850	7.3	
	23	Ø8	4	910	3640	14.3	
	24	Ø8	2	665	1330	5.2	
	25	Ø8	2	650	1300	5.1	
	26	Ø8	2	920	1840	7.2	
	27	Ø8	4	905	3620	14.2	
	28	Ø8	2	665	1330	5.2	
	29	Ø8	2	650	1300	5.1	
	30	Ø8	2	220	440	1.7	
	31	Ø8	10	200	2000	7.9	
	32	Ø8	2	175	350	1.4	
	33	Ø8	2	150	300	1.2	
	34	Ø5	213	100	21300		33.4
					Total+10%	83.4	36.7
V 3	35	Ø8	4	910	3640	14.3	
	36	Ø8	2	830	1660	6.5	
	37	Ø8	2	780	1560	6.1	
	38	Ø8	4	905	3620	14.2	
	39	Ø8	2	825	1650	6.5	
	40	Ø8	2	775	1550	6.1	
	41	Ø8	4	200	1200	4.7	
	42	Ø8	2	190	380	1.5	
	43	Ø8	2	180	360	1.4	
	44	Ø8	4	170	680	2.7	
	45	Ø5	178	100	17800		27.9
					Total+10%	70.4	30.7
V 4	46	Ø8	2	325	650	2.6	
	47	Ø8	2	305	610	2.4	
	48	Ø5	22	80	1760		2.8
					Total+10%	5.5	3.1
V 5	49	Ø8	2	335	670	2.6	
	50	Ø8	1	185	185	0.7	
	51	Ø8	2	315	630	2.5	
	52	Ø5	23	80	1840		2.9
					Total+10%	6.4	3.2
V 6	53	Ø8	2	1125	2250	8.8	
	54	Ø8	2	1095	2190	8.6	
	55	Ø8	4	920	3680	14.4	
	56	Ø8	1	530	530	2.1	
	57	Ø8	2	275	550	2.2	
	58	Ø8	6	205	1230	4.8	
	59	Ø8	4	200	800	3.1	
	60	Ø8	1	160	160	0.6	
	61	Ø8	1	125	125	0.5	
	62	Ø8	2	1125	2250	8.8	
	63	Ø8	2	1090	2180	8.6	
	64	Ø8	4	915	3660	14.4	
	65	Ø8	2	275	550	2.2	
	66	Ø8	2	240	480	1.9	
	67	Ø8	2	225	450	1.8	
	68	Ø8	12	135	1620	6.4	
	69	Ø8	6	130	780	3.1	
	70	Ø8	2	115	230	0.9	
	71	Ø8	2	75	150	0.6	
	72	Ø8	2	65	130	0.5	
	73	Ø5	225	110	24750		38.9
					Total+10%	103.7	42.8
				Ø5	0.0	157.0	
				Ø8	366.9	0.0	
				Total	366.9	157.0	

Resumo Aço Baldrame Vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	Ø8	1326,5	574	
	Ø10	35,2	24	598
CA-60-B	Ø5	1428,0	247	247
Total				845

Detalhamento Vigas Baldrame

Esc 1:50

REVISÃO:	03		
REVISÃO:	02		
REVISÃO::	01		
EMISSÃO INICIAL	*	21/05/2013	PRIMEIRA ENTREGA PARA A CONTRATANTE

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 CONSTRUÇÕES,PROJETOS E CONSULTORIA LTDA.
CNPJ: 13.411.864/0001-48
TEL.: (31)3568-2814 BH/MG
eken@solarengenharia.eng.br

E.M. ORESTES GUIMARÃES

ÁREA DO TERRENO: 5.456,00 m²
ÁREA CONSTRUÍDA:
ÁREA PERMEÁVEL:

PREFEITURA MUNICIPAL DE JOINVILLE
CNPJ: 83.169.623/0001-10
CONTRATANTE

Eng. Eduardo Ken Mibuta
CREA-SC 139067,0
RESPONSÁVEL TÉCNICO

ENDEREÇO:
RUA BOEHMERWALD, 1.830 - ITINGA - JOINVILLE-SC

ARQUIVO:
001-009-2013-EXE-EST-06

DETALHES:
Detalhamento de Vigas Baldrame
V1 a V6

PROJETO:
PROJETO ESTRUTURAL

DATA:
SET/2013

FOLHA:
06/09

DESENHISTA:
ISABELLA TEOTONIO

ESCALA:
INDICADA

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