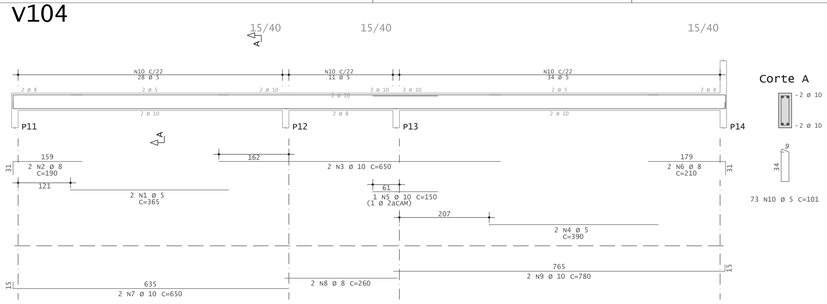
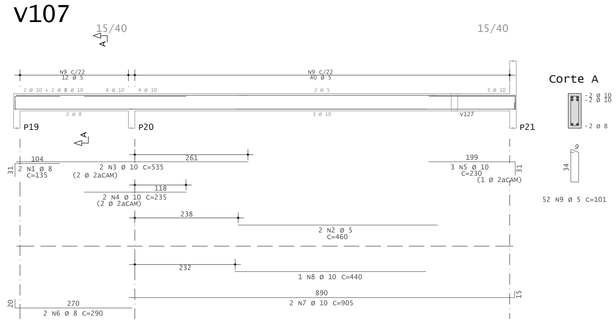
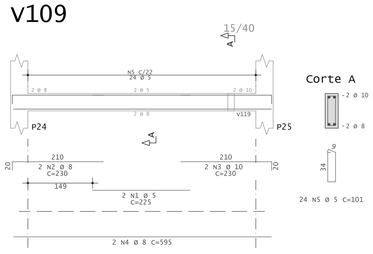
V104



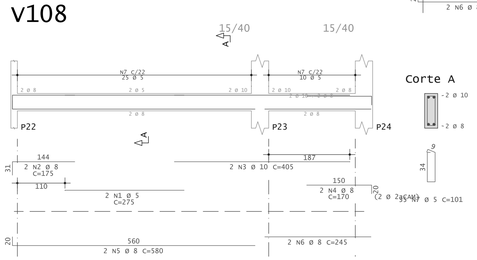
V107



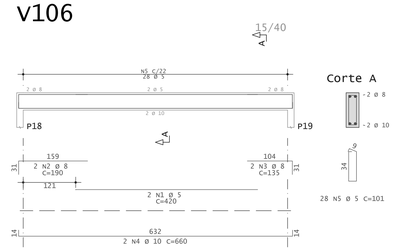
V109



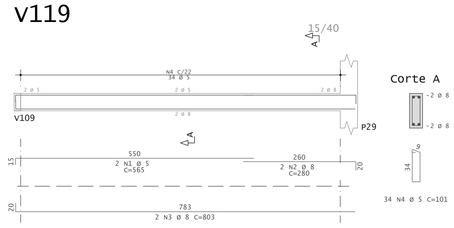
V108



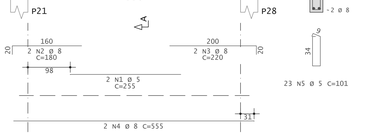
V106



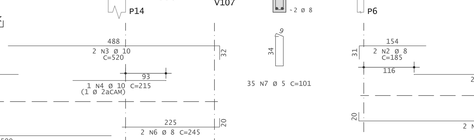
V119



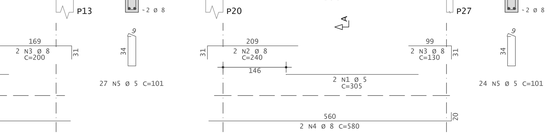
V113



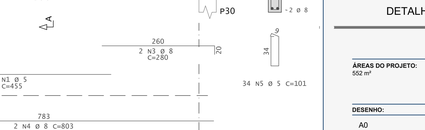
V112



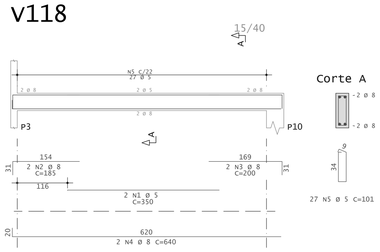
V111



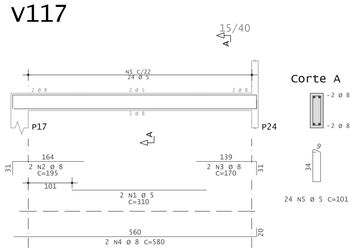
V110



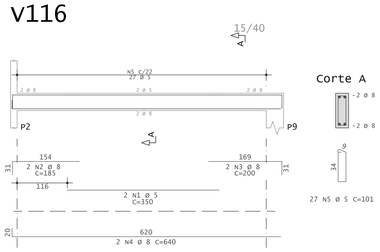
V118



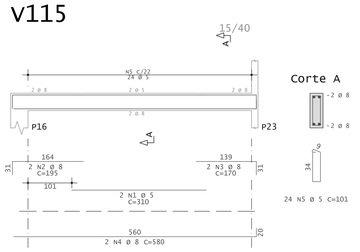
V117



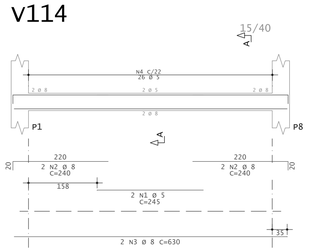
V116



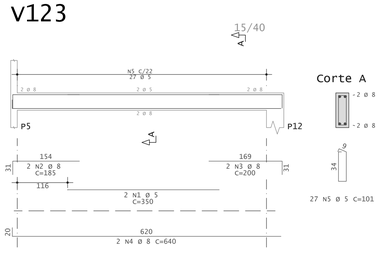
V115



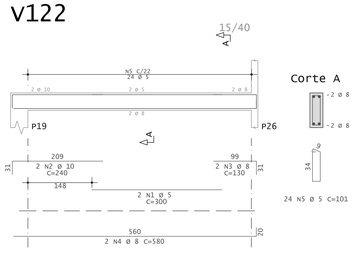
V114



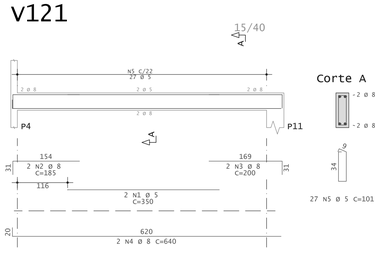
V123



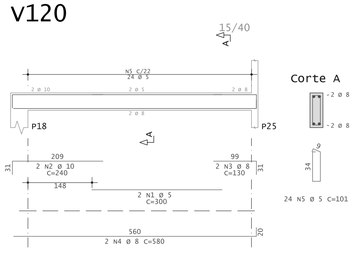
V122



V121



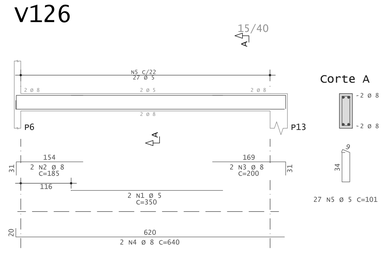
V120



V128

V127

V126



V125

V124

RESUMO DE AÇO

AÇO	BIT mm	COMPR m	PESO kgf
60A	5	943	145
50A	8	414	164
50A	10	224	138
Peso Total	60A =		145 kgf
Peso Total	50A =		302 kgf

AÇO	POS	BIT mm	QUANT	COMPRIMENTO UNIT cm	COMPRIMENTO TOTAL cm
V104					
	60A 1	5	2	365	730
	50A 2	8	2	190	380
	50A 3	10	2	650	1300
	60A 4	5	2	390	780
	50A 5	10	1	150	150
	50A 6	8	2	210	420
	50A 7	10	2	650	1300
	50A 8	8	2	260	520
	50A 9	10	2	780	1560
	60A 10	5	73	101	7373
V106					
	60A 1	5	2	420	840
	50A 2	8	2	190	380
	50A 3	8	2	135	270
	50A 4	10	2	660	1320
	60A 5	5	28	101	2828
V107					
	50A 1	8	2	135	270
	60A 2	5	2	460	920
	50A 3	10	2	535	1070
	50A 4	10	2	235	470
	50A 5	10	3	230	690
	50A 6	8	2	290	580
	50A 7	10	2	905	1810
	50A 8	10	1	440	440
	60A 9	5	52	101	5252
V108					
	60A 1	5	2	275	550
	50A 2	8	2	175	350
	50A 3	10	2	405	810
	50A 4	8	2	170	340
	50A 5	8	2	580	1160
	50A 6	8	2	245	490
	60A 7	5	35	101	3535
V109					
	60A 1	5	2	225	450
	50A 2	8	2	230	460
	50A 3	10	2	230	460
	50A 4	8	2	595	1190
	60A 5	5	24	101	2424
V110					
	60A 1	5	2	265	530
	50A 2	10	4	255	1020
	50A 3	8	2	675	1350
	60A 4	5	28	101	2828
V111					
	50A 1	8	2	150	300
	60A 2	5	2	455	910
	50A 3	10	2	510	1020
	50A 4	10	2	195	390
	50A 5	10	3	230	690
	50A 6	8	2	255	510
	50A 7	10	2	890	1780
	50A 8	10	1	445	445
	60A 9	5	49	101	4949
V112					
	60A 1	5	2	485	970
	50A 2	10	6	220	1320
	50A 3	10	2	840	1680
	50A 4	10	1	455	455
	60A 5	5	36	101	3636
V113					
	50A 1	8	2	455	910
	60A 2	5	2	210	420
	50A 3	8	2	220	440
	50A 4	8	2	235	470
	50A 5	8	2	535	1070
	60A 6	5	32	101	3232
V114					
	60A 1	5	2	245	490
	50A 2	8	4	240	960
	50A 3	8	2	630	1260
	60A 4	5	26	101	2626
V115					
	60A 1	5	2	310	620
	50A 2	8	2	195	390
	50A 3	8	2	170	340
	50A 4	8	2	580	1160
	60A 5	5	24	101	2424
V116					
	60A 1	5	2	350	700
	50A 2	8	2	185	370
	50A 3	8	2	200	400
	50A 4	8	2	640	1280
	60A 5	5	27	101	2727
V117					
	60A 1	5	2	310	620
	50A 2	8	2	195	390
	50A 3	8	2	170	340
	50A 4	8	2	580	1160
	60A 5	5	24	101	2424
V118					
	60A 1	5	2	350	700
	50A 2	8	2	185	370
	50A 3	8	2	200	400
	50A 4	8	2	640	1280
	60A 5	5	27	101	2727
V119					
	60A 1	5	2	565	1130
	50A 2	8	2	280	560
	50A 3	8	2	803	1606
	60A 4	5	34	101	3434
V120					
	60A 1	5	2	300	600
	50A 2	8	2	240	480
	50A 3	8	2	130	260
	50A 4	8	2	580	1160
	60A 5	5	24	101	2424
V121					
	60A 1	5	2	350	700
	50A 2	8	2	185	370
	50A 3	8	2	200	400
	50A 4	8	2	640	1280
	60A 5	5	27	101	2727
V122					
	60A 1	5	2	300	600
	50A 2	10	2	240	480
	50A 3	8	2	130	260
	50A 4	8	2	580	1160
	60A 5	5	24	101	2424
V123					
	60A 1	5	2	350	700
	50A 2	8	2	185	370
	50A 3	8	2	200	400
	50A 4	8	2	640	1280
	60A 5	5	27	101	2727
V124					
	60A 1	5	2	455	910
	50A 2	8	2	145	290
	50A 3	8	2	280	560
	50A 4	8	2	803	1606
	60A 5	5	34	101	3434
V125					
	60A 1	5	2	305	610
	50A 2	8	2	240	480
	50A 3	8	2	130	260
	50A 4	8	2	580	1160
	60A 5	5	24	101	2424
V126					
	60A 1	5	2	350	700
	50A 2	8	2	185	370
	50A 3	8	2	200	400
	50A 4	8	2	640	1280
	60A 5	5	27	101	2727
V127					
	60A 1	5	2	235	470
	50A 2	8	2	190	380
	50A 3	10	2	520	1040
	50A 4	10	1	215	215
	50A 5	8	2	590	1180
	60A 6	8	2	245	490
	60A 7	5	35	101	3535
V128					
	60A 1	5	2	255	510
	50A 2	8	2	180	360
	50A 3	8	2	220	440
	50A 4	8	2	555	1110
	60A 5	5	23	101	2323

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• klemmer.engenharia@gmail.com

REFORMA DO CENTRO DE EDUCAÇÃO INFANTIL EMÍLIA CADETE DE SIQUEIRA

PROPRIETÁRIO: SECRETARIA DE EDUCAÇÃO DE CAETÉS
CNPJ: 30.951.904/0001-63
MUNICÍPIO: CAETÉS - PE

PROPRIETÁRIO

RESPONSÁVEL TÉCNICO: GUSTAVO KLEMMER FERREIRA DE FRANÇA

RESPONSÁVEL TÉCNICO

DETALHAMENTO DAS VIGAS DO COBERTURA - 01

POVOADO ATOLEIROS

ÁREAS DO PROJETO: 552 m²

PRANCHA: 08/09

DESENHO:	DATA:	ESCALA:
A0	JANEIRO 2009	INDICADA