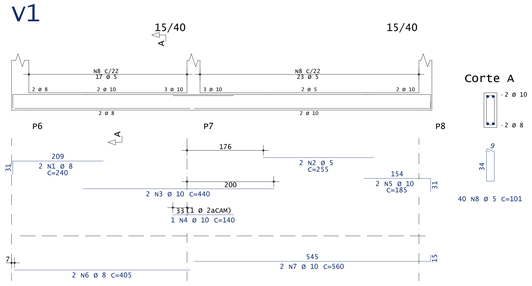
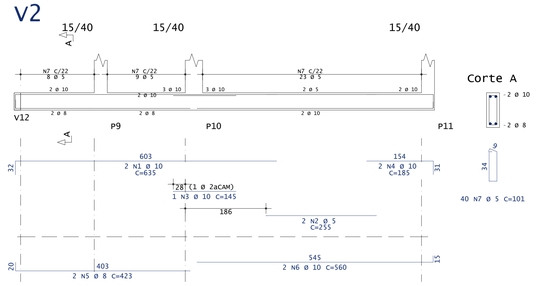
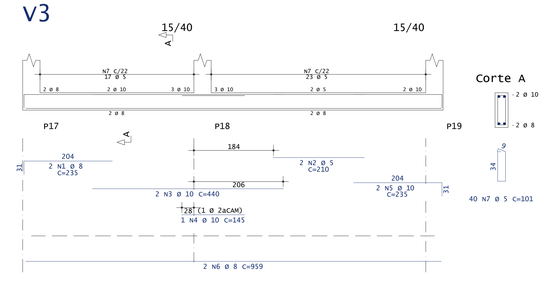
v1



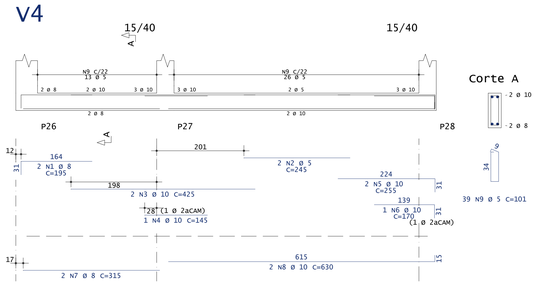
v2



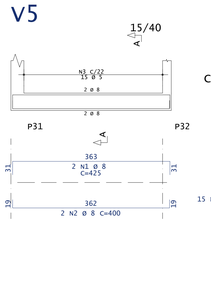
v3



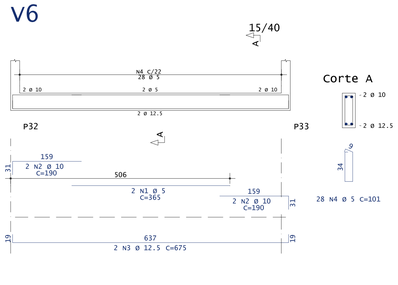
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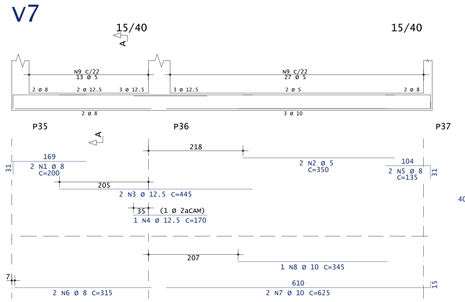
v5



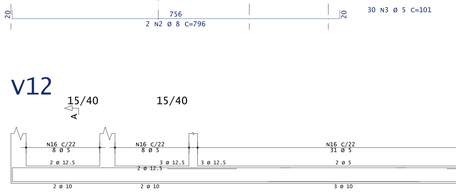
v6



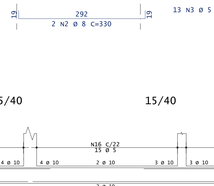
v7



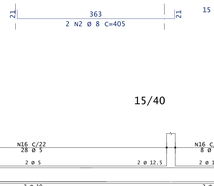
v8



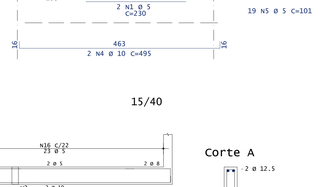
v9



v10

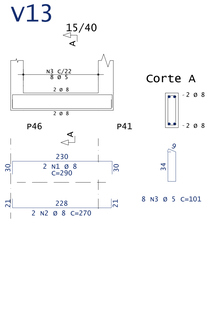


v11

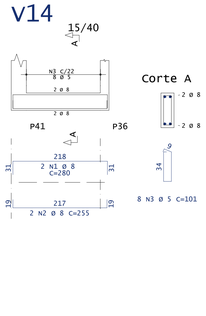


v12

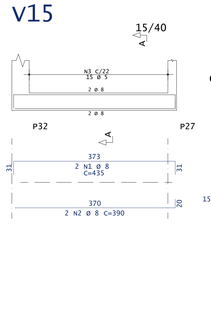
v13



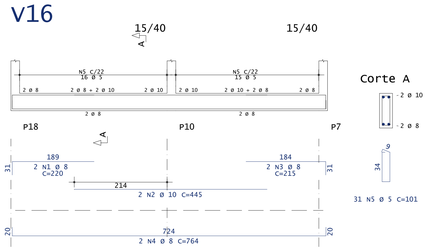
v14



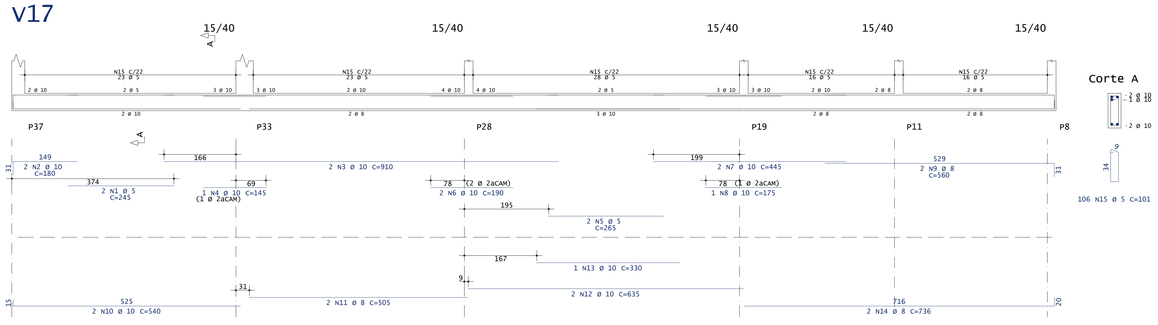
v15



v16



v17



AÇO	POS	BIT	QUANT	COMPRIMENTO	
		mm		UNIT cm	TOTAL cm
V1					
50A	1	8	2	240	480
60A	2	5	2	255	510
50A	3	10	2	440	880
50A	4	10	1	140	140
50A	5	10	2	185	370
50A	6	8	2	405	810
50A	7	10	2	560	1120
60A	8	5	40	101	4040
V2					
50A	1	10	2	635	1270
60A	2	5	2	255	510
50A	3	10	1	145	145
50A	4	10	2	185	370
50A	5	8	2	423	846
50A	6	10	2	560	1120
60A	7	5	40	101	4040
V3					
50A	1	8	2	235	470
60A	2	5	2	210	420
50A	3	10	2	440	880
50A	4	10	1	145	145
50A	5	10	2	235	470
50A	6	8	2	959	1918
60A	7	5	40	101	4040
V4					
50A	1	8	2	195	390
60A	2	5	2	245	490
50A	3	10	2	425	850
50A	4	10	1	145	145
50A	5	10	2	255	510
50A	6	10	1	170	170
50A	7	8	2	315	630
50A	8	10	2	630	1260
60A	9	5	39	101	3939
V5					
50A	1	8	2	425	850
50A	2	8	2	400	800
60A	3	5	15	101	1515
V6					
60A	1	5	2	365	730
50A	2	10	4	190	760
50A	3	12.5	2	675	1350
60A	4	5	28	101	2828
V7					
50A	1	8	2	200	400
60A	2	5	2	350	700
50A	3	12.5	2	445	890
50A	4	12.5	1	170	170
50A	5	8	2	135	270
50A	6	8	2	315	630
50A	7	10	2	625	1250
50A	8	10	1	345	345
60A	9	5	40	101	4040
V8					
50A	1	8	2	815	1630
50A	2	8	2	796	1592
60A	3	5	30	101	3030
V9					
50A	1	8	2	355	710
50A	2	8	2	330	660
60A	3	5	13	101	1313
V10					
50A	1	8	2	425	850
50A	2	8	2	405	810
60A	3	5	15	101	1515
V11					
60A	1	5	2	230	460
50A	2	10	2	210	420
50A	3	8	2	135	270
50A	4	10	2	495	990
60A	5	5	19	101	1919
V12					
50A	1	12.5	2	672	1344
60A	2	5	2	290	580
50A	3	12.5	1	160	160
50A	4	10	2	730	1460
50A	5	10	2	155	310
60A	6	5	2	320	640
50A	7	10	1	175	175
50A	8	12.5	2	580	1160
60A	9	5	2	285	570
50A	10	8	2	135	270
50A	11	10	2	1127	2254
50A	12	10	1	350	350
50A	13	10	2	978	1956
50A	14	10	1	340	340
50A	15	10	2	731	1462
60A	16	5	121	101	12221
V13					
50A	1	8	2	290	580
50A	2	8	2	270	540
60A	3	5	8	101	808
V14					
50A	1	8	2	280	560
50A	2	8	2	255	510
60A	3	5	8	101	808
V15					
50A	1	8	2	435	870
50A	2	8	2	390	780
60A	3	5	15	101	1515
V16					
50A	1	8	2	220	440
50A	2	10	2	445	890
50A	3	8	2	215	430
50A	4	8	2	764	1528
60A	5	5	31	101	3131
V17					
60A	1	5	2	245	490
50A	2	10	2	180	360
50A	3	10	2	910	1820
50A	4	10	1	145	145
60A	5	5	2	265	530
50A	6	10	2	190	380
50A	7	10	2	445	890
50A	8	10	1	175	175
50A	9	8	2	560	1120
50A	10	10	2	540	1080
50A	11	8	2	505	1010
50A	12	10	2	635	1270
50A	13	10	1	330	330
50A	14	8	2	736	1472
60A	15	5	106	101	10706

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	680	105
50A	8	251	99
50A	10	293	181
50A	12.5	51	49
Peso Total	60A =		105 kgf
Peso Total	50A =		329 kgf

CONCRETO
fck 30 MPa = 300 kgf/cm²
cobrimento mínimo armadura = 3cm

TRAÇO CONCRETO
Verificar memorial ou com engenheiro responsável pela execução

CARGAS UTILIZADAS
De acordo com a NBR 6120
Laje utilizada : Maciça e Nervurada com EPS
DÚVIDAS E PROBLEMAS CONCRETAGEM
Verificar Especificações Técnicas
Consultar Projetista

ANOTAÇÕES
TOMAR MEDIDAS EM CENTÍMETROS (cm);

REV	DATA	REVISÃO	RESP.
03			
02			
01	02/08/2021	EMISSÃO INICIAL	RENATO

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CREA-SC: 167.811-1
ASSINATURA: RETTA ENGENHARIA LTDA:34290407000112
Assinado de forma digital por RETTA ENGENHARIA LTDA:34290407000112
Dados: 2021.08.15 14:56:05 -03'00'

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE XAXIM-SC
CNPJ Nº: 82.854.670/0001-30
ASSINATURA: EDILSON ANTONIO FOLLE:50959670904
Assinado de forma digital por EDILSON ANTONIO FOLLE:50959670904
Dados: 2022.03.15 07:11:04 -03'00'

RETTA ENGENHARIA

OBRA: AMPLIAÇÃO CASA DA CULTURA
DESCRIÇÃO: DETALHAMENTO DE VIGAS BALDRAME
PROJETO: RENATO VARNIER
ESCALA: 1:25
DATA: 02/08/2021
PRANCHA: 11
PRANCHA / ARQUIVO: ESTRUTURAL CASA DA CULTURA XAXIM

E-MAIL: rettaengenharia@outlook.com.br FONE: (49) 98847-2742 /(49) 98826-0220