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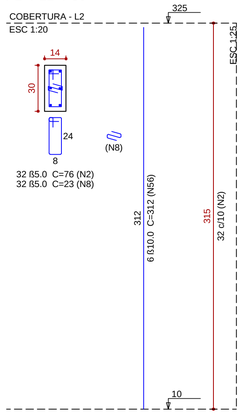

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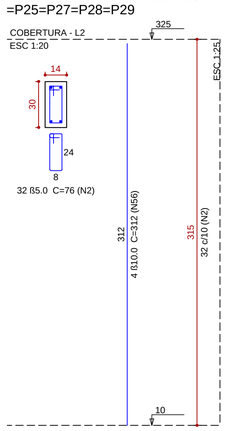
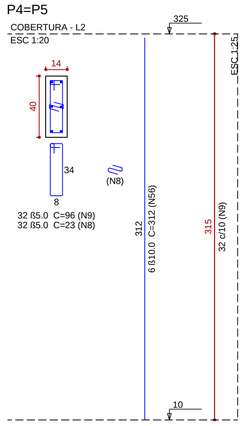


P4=P5



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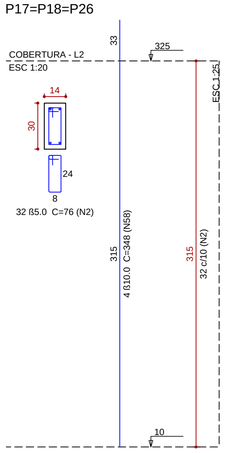

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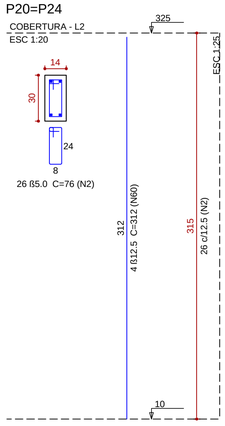

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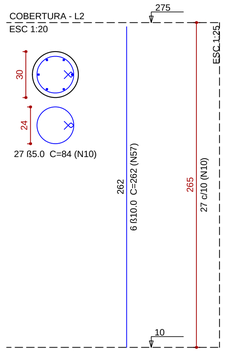
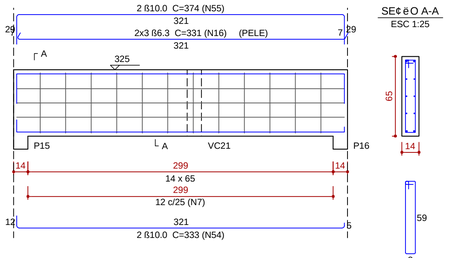


VC9

ESC 1:30



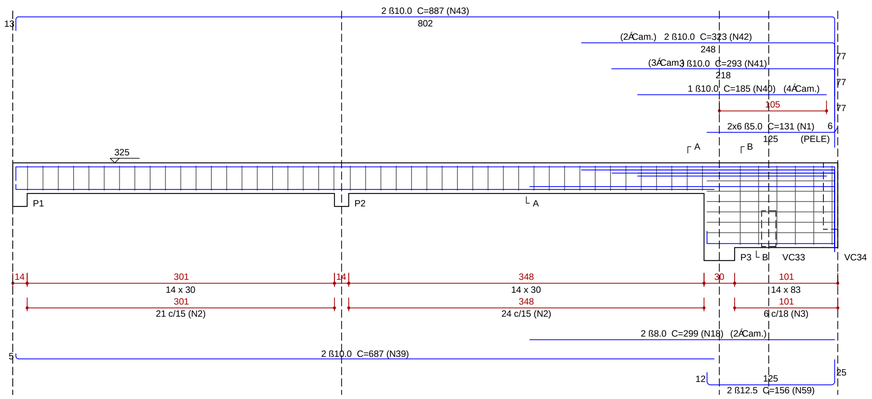
Relatório do aço

MACIÇO 1	MACIÇO 2	MACIÇO 3
3xP1	17xP2	2xP4
3xP6	3xP17	2xP20
VC1	VC2	VC3
VC4	VC5	VC6
VC7	VC8	VC9
VC10		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	131	1572
	2	5.0	1044	76	79344
	3	5.0	6	182	1092
	4	5.0	12	56	672
	5	5.0	2	180	360
	6	5.0	44	86	3784
	7	5.0	12	146	1752
	8	5.0	160	23	3680
	9	5.0	64	96	6144
	10	5.0	81	84	6804
	11	5.0	4	325	1300
	12	5.0	152	48	7296
	13	5.0	4	257	1028
	14	5.0	118	44	5192
	15	5.0	78	46	3588
CA50	16	6.3	6	331	1986
	17	6.3	1	67	67
	18	8.0	2	299	598
	19	8.0	2	306	612
	20	8.0	2	439	878
	21	8.0	1	133	133
	22	8.0	2	338	676
	23	8.0	2	649	1298
	24	8.0	2	670	1340
	25	8.0	2	323	646
	26	8.0	2	121	242
	27	8.0	2	96	192
	28	8.0	2	126	252
	29	8.0	2	800	1600
	30	8.0	2	825	1650
	31	8.0	4	331	1324
	32	8.0	4	263	1052
	33	8.0	4	176	704
	34	8.0	4	182	728
	35	8.0	2	405	810
	36	8.0	2	433	866
	37	8.0	2	325	650
	38	8.0	2	349	698
	39	10.0	2	687	1374
	40	10.0	1	185	185
	41	10.0	3	293	879
	42	10.0	2	323	646
	43	10.0	2	887	1774
	44	10.0	3	65	195
	45	10.0	1	111	111
	46	10.0	2	136	272
	47	10.0	2	124	248
	48	10.0	2	326	652
	49	10.0	2	670	1340
	50	10.0	2	368	736
	51	10.0	1	230	230
	52	10.0	2	834	1668
	53	10.0	1	147	147
	54	10.0	2	333	666
	55	10.0	2	374	748
	56	10.0	98	312	30576
	57	10.0	18	262	4716
	58	10.0	12	348	4176
	59	12.5	2	156	312
	60	12.5	8	312	2496

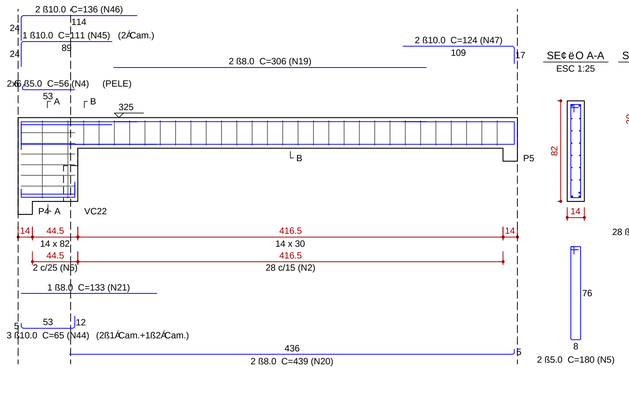
VC3

ESC 1:30



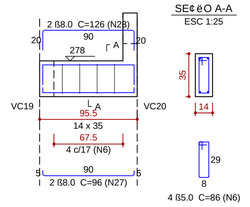
VC4

ESC 1:30



VC8

ESC 1:30



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	20.6	2	5.5
	8.0	169.5	16	73.6
	10.0	513.4	48	348.2
	12.5	28.1	3	29.8
CA60	5.0	1236.1	114	209.6

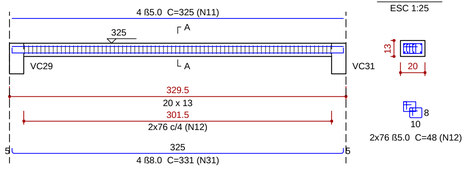
PESO TOTAL (kg)

CA50	457
CA60	209.6

Volume de concreto (C-30) = 6.99 mł
Área de forma = 131.22 mł

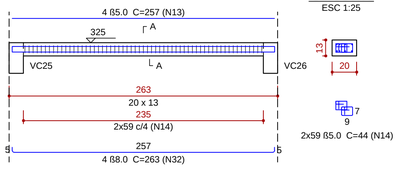
MACIÇO 1

ESC 1:30



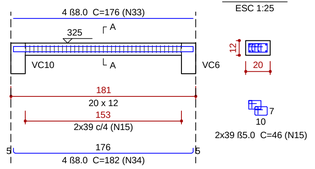
MACIÇO 2

ESC 1:30



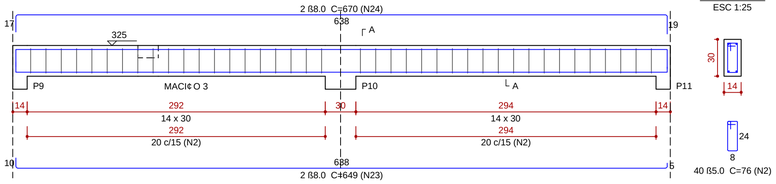
MACIÇO 3

ESC 1:30



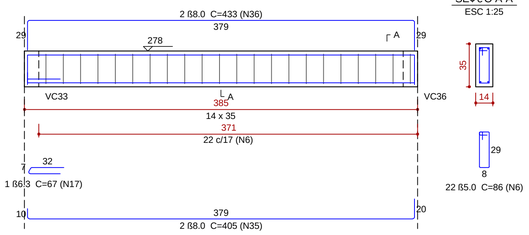
VC6

ESC 1:30



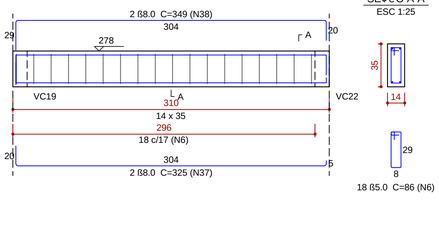
VC1

ESC 1:30



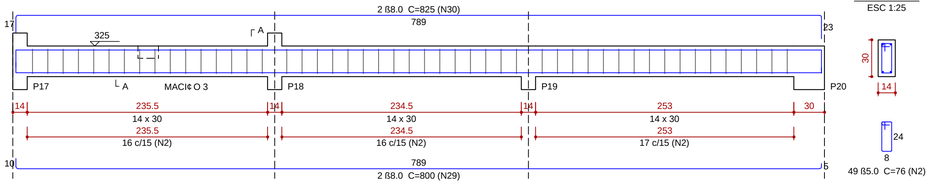
VC2

ESC 1:30



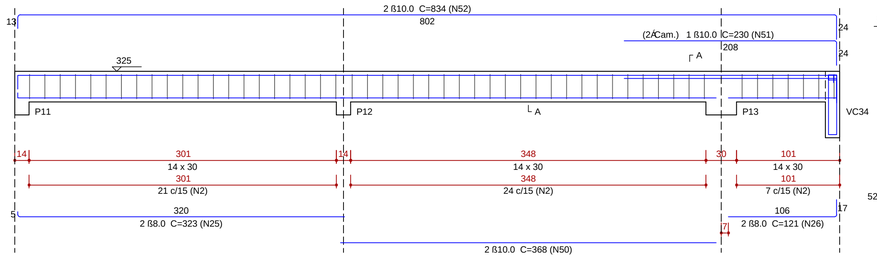
VC10

ESC 1:30



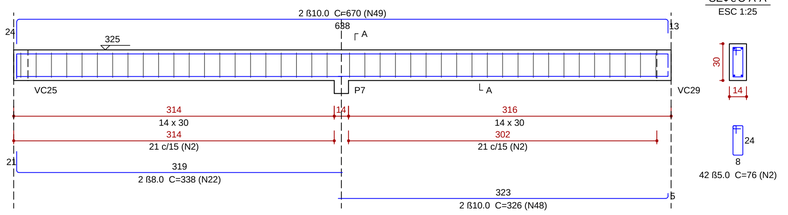
VC7

ESC 1:30



VC5

ESC 1:30



FORMATO A1 - INTERNO: 801 x 574 mm.
EXTERNO: 841 x 594 mm.

DEINFRA

ESTADO DE SANTA CATARINA

SECRETARIA DE ESTADO DA INFRA ESTRUTURA
DEPARTAMENTO ESTADUAL DE INFRA ESTRUTURA
DIRETORIA DE OBRAS CIVIS - DIOC

DIOC

NOME DO PROJETO: SST - SECRETARIA DE ESTADO DA ASSISTÊNCIA SOCIAL, TRABALHO E HABITAÇÃO	REF.:
LOCAL: DIVERSAS LOCALIDADES DO ESTADO	
TIPO DE PROJETO: ESTRUTURAL	
CARACTERÍSTICAS: PROJETO PADRÃO - CREAS	
ARMADURAS DAS VIGAS E PILARES	13
PAVIMENTO: COBERTURA	
AUTOR DO PROJETO: ENG. CIVIL ROBERTO DANIEL GEVAERD CREA/SC 041750-9	
AVALIUS ENGENHARIA E AVALIAÇÕES LTDA	18
ÁREA: 220,04 mł	ESCALA: INDICADA / DATA: ABRIL/2017 / DES. EDVANIO PACHECO