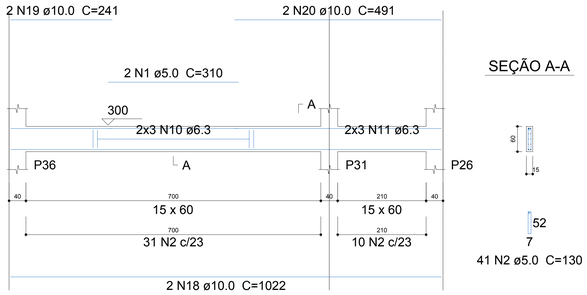
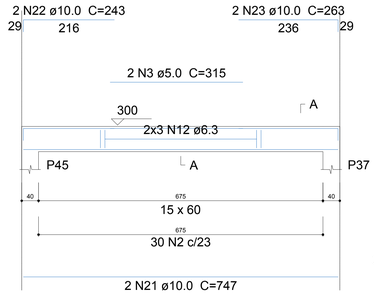
V65



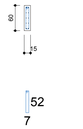
SEÇÃO A-A

41 N2 ø5.0 C=130

V66

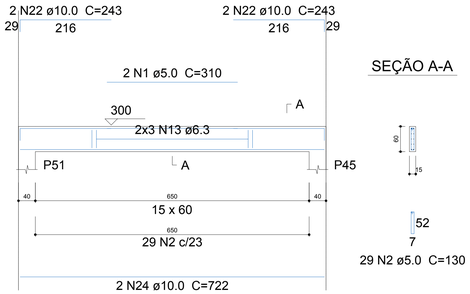


SEÇÃO A-A



30 N2 ø5.0 C=130

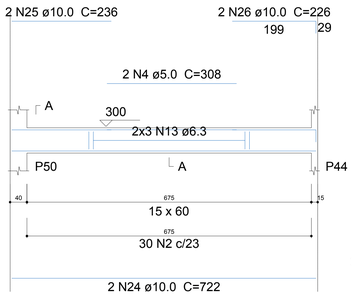
V67



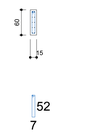
SEÇÃO A-A

29 N2 ø5.0 C=130

V68

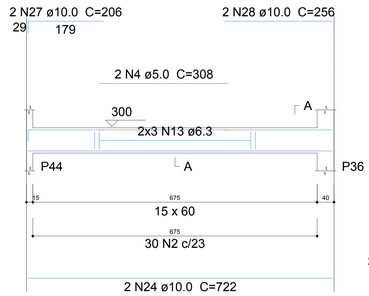


SEÇÃO A-A

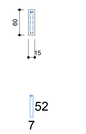


30 N2 ø5.0 C=130

V69

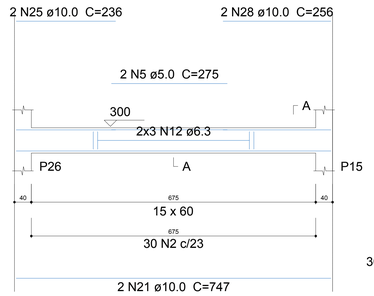


SEÇÃO A-A

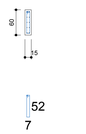


30 N2 ø5.0 C=130

V71

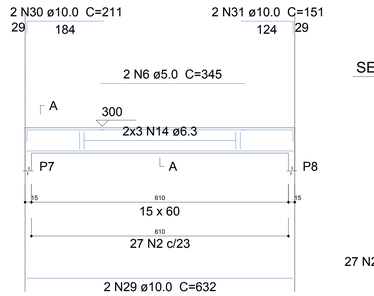


SEÇÃO A-A

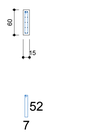


30 N2 ø5.0 C=130

V72

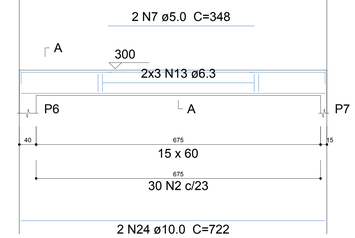


SEÇÃO A-A

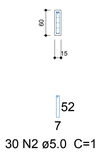


27 N2 ø5.0 C=130

V73

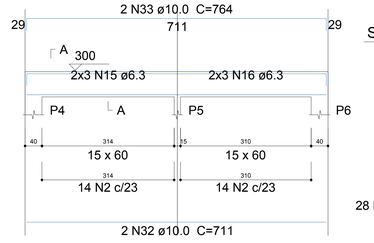


SEÇÃO A-A

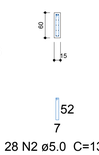


30 N2 ø5.0 C=130

V74

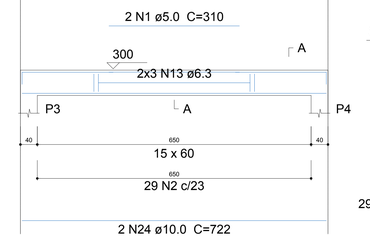


SEÇÃO A-A

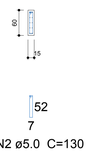


28 N2 ø5.0 C=130

V75

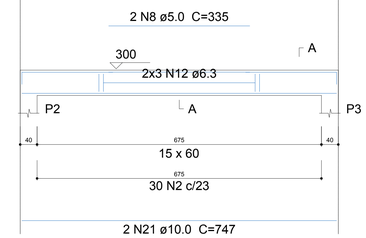


SEÇÃO A-A

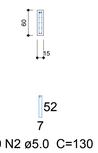


29 N2 ø5.0 C=130

V76

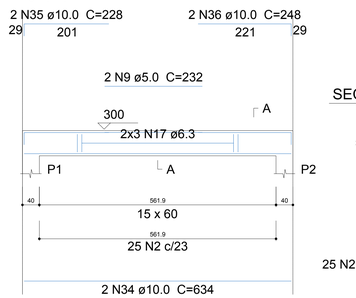


SEÇÃO A-A

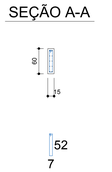


30 N2 ø5.0 C=130

V77

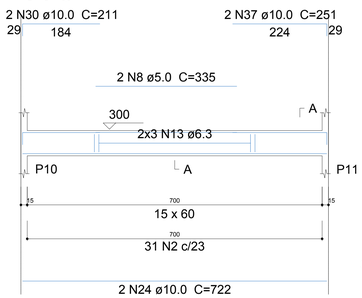


SEÇÃO A-A

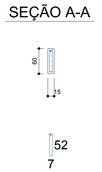


25 N2 ø5.0 C=130

V78



SEÇÃO A-A



31 N2 ø5.0 C=130

13 Vigas Nível 3,00m
Escala: 1/50

Relação do aço

V65	V66	V67
V68	V69	V71
V72	V73	V74
V75	V76	V77
V78		

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	6	310	1860
	2	5.0	390	130	50700
	3	5.0	2	315	630
	4	5.0	4	308	1232
	5	5.0	2	275	550
	6	5.0	2	345	690
	7	5.0	2	348	696
	8	5.0	4	335	1340
	9	5.0	2	232	464
CA50	10	6.3	6	CORR	4632
	11	6.3	6	CORR	1692
	12	6.3	18	CORR	13446
	13	6.3	36	CORR	25992
	14	6.3	6	CORR	3792
	15	6.3	6	CORR	2166
	16	6.3	6	CORR	2142
	17	6.3	6	CORR	3804
	18	10.0	2	1022	2044
	19	10.0	2	241	482
	20	10.0	2	491	982
	21	10.0	6	747	4482
	22	10.0	16	243	3888
	23	10.0	2	263	526
	24	10.0	12	722	8664
	25	10.0	4	236	944
	26	10.0	2	226	452
	27	10.0	4	206	824
	28	10.0	4	256	1024
	29	10.0	2	632	1264
	30	10.0	4	211	844
	31	10.0	2	151	302
	32	10.0	2	711	1422
	33	10.0	2	764	1528
	34	10.0	2	634	1268
	35	10.0	2	228	456
	36	10.0	2	248	496
	37	10.0	2	251	502

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	576.7	155.2
	10.0	324	219.7
CA60	5.0	581.7	98.6

PESO TOTAL (kg)	
CA50	374.9
CA60	98.6

Volume de concreto (C-30) = 8.71 m³
Área de forma = 130.62 m²

Engeobra
CREA SC 158.454-0
ENGENHARIA E INFRAESTRUTURA
Rua Primo Tacca, 350, Bairro Tacca - Cel: (49) 9 9976-0226
E-mail: engenheiroSC@engeobra@gmail.com

OBRA: Centro Municipal de Educação Infantil ABC

LOCAL: Rua Helena Bigaton, Bairro da Gruta - Caibi - SC

PROJETO: ESTRUTURAL

ESPECIFICAÇÕES: - Vigas nível 3,00m

DATA: 12/2021

DESENHO: T.L

AREA: 1.087,69 m²

ESCALA: Indicada

PRANCHA: 13 /19

Projeto:

Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:02441229637
Dados: 2021.12.21 13:33:31 -03'00'

SAMUEL SPESSATTO OUTEIRO
Engº Civil - CREA SC 133319-7

Proprietário:

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CNPJ 82.940.776/0001-56