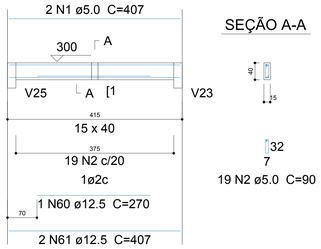
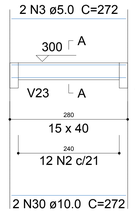
V39



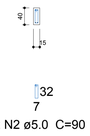
SEÇÃO A-A

19 N2 ø5.0 C=90

V40

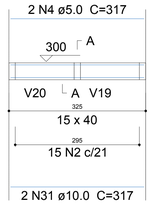


SEÇÃO A-A

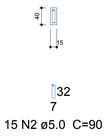


12 N2 ø5.0 C=90

V41

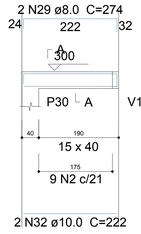


SEÇÃO A-A

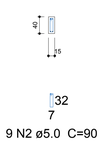


15 N2 ø5.0 C=90

V42

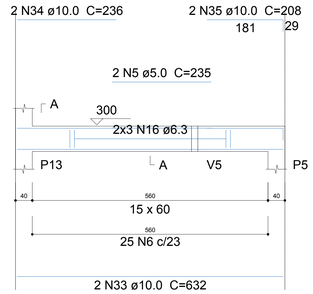


SEÇÃO A-A

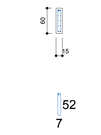


9 N2 ø5.0 C=90

V43

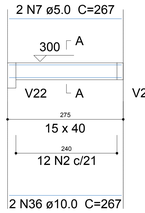


SEÇÃO A-A

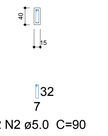


25 N6 ø5.0 C=130

V44

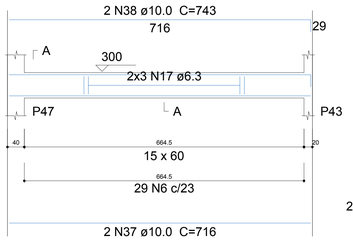


SEÇÃO A-A

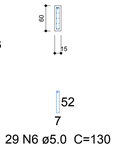


12 N2 ø5.0 C=90

V45

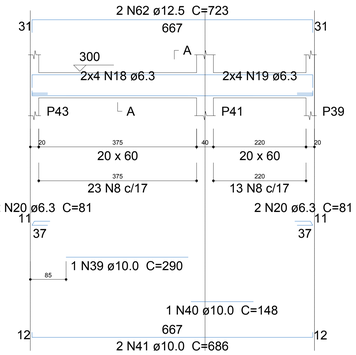


SEÇÃO A-A

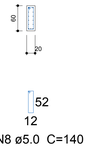


29 N6 ø5.0 C=130

V46

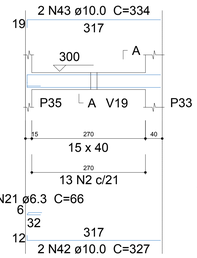


SEÇÃO A-A



36 N8 ø5.0 C=140

V47

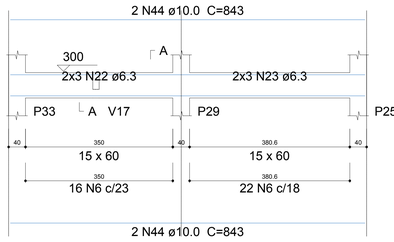


SEÇÃO A-A

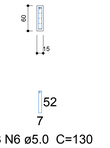


13 N2 ø5.0 C=90

V48

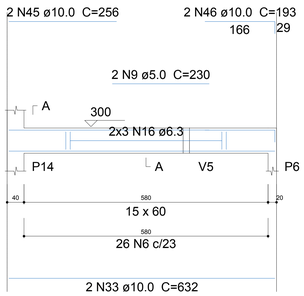


SEÇÃO A-A

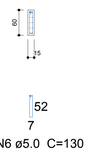


38 N6 ø5.0 C=130

V49

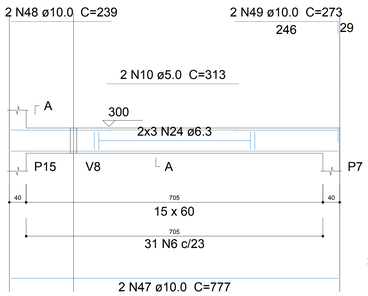


SEÇÃO A-A

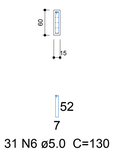


26 N6 ø5.0 C=130

V54

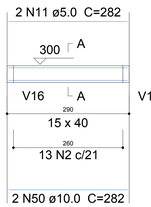


SEÇÃO A-A

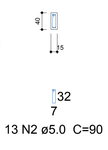


31 N6 ø5.0 C=130

V55

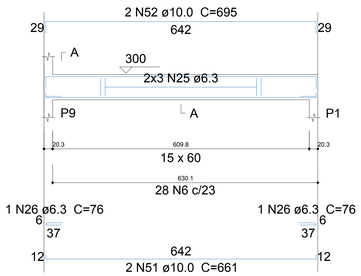


SEÇÃO A-A

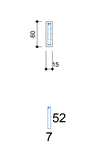


13 N2 ø5.0 C=90

V60

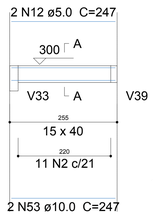


SEÇÃO A-A

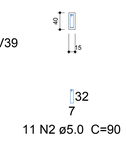


28 N6 ø5.0 C=130

V61

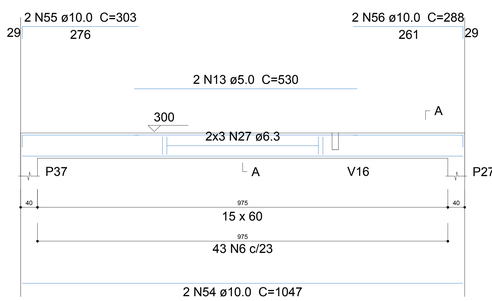


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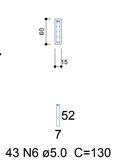


11 N2 ø5.0 C=90

V62

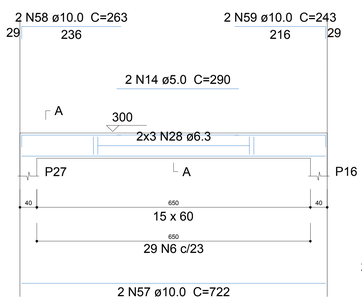


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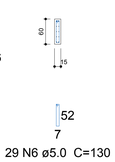


43 N6 ø5.0 C=130

V63

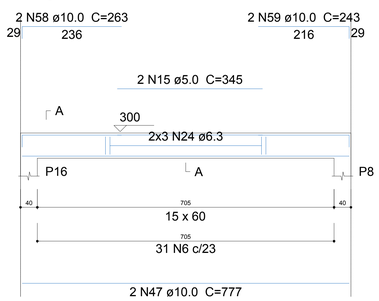


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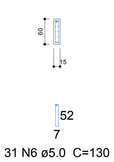


29 N6 ø5.0 C=130

V64



SEÇÃO A-A



31 N6 ø5.0 C=130

Relação do aço

V39	V40	V41
V42	V43	V44
V45	V46	V47
V48	V54	V49
V55	V60	V62
V63	V64	V61

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	407	814
	2	5.0	104	90	9360
	3	5.0	2	272	544
	4	5.0	2	317	634
	5	5.0	2	235	470
	6	5.0	280	130	36400
	7	5.0	2	267	534
	8	5.0	36	140	5040
	9	5.0	2	230	460
	10	5.0	2	313	626
	11	5.0	2	282	564
	12	5.0	2	247	494
	13	5.0	2	530	1060
	14	5.0	2	290	580
	15	5.0	2	345	690
CA50	16	6.3	12	CORR	7584
	17	6.3	6	CORR	4296
	18	6.3	8	CORR	3416
	19	6.3	8	CORR	2176
	20	6.3	4	81	324
	21	6.3	1	66	66
	22	6.3	6	CORR	2532
	23	6.3	6	CORR	2718
	24	6.3	12	CORR	9324
	25	6.3	6	CORR	3852
	26	6.3	2	76	152
	27	6.3	6	CORR	6282
	28	6.3	6	CORR	4332
	29	8.0	2	274	548
	30	10.0	2	272	544
	31	10.0	2	317	634
	32	10.0	2	222	444
	33	10.0	4	632	2528
	34	10.0	2	236	472
	35	10.0	2	208	416
	36	10.0	2	267	534
	37	10.0	2	716	1432
	38	10.0	2	743	1486
	39	10.0	1	290	290
	40	10.0	1	148	148
	41	10.0	2	686	1372
	42	10.0	2	327	654
	43	10.0	2	334	668
	44	10.0	4	843	3372
	45	10.0	2	256	512
	46	10.0	2	193	386
	47	10.0	4	777	3108
	48	10.0	2	239	478
	49	10.0	2	273	546
	50	10.0	2	282	564
	51	10.0	2	661	1322
	52	10.0	2	695	1390
	53	10.0	2	247	494
	54	10.0	2	1047	2094
	55	10.0	2	303	606
	56	10.0	2	288	576
	57	10.0	2	722	1444
	58	10.0	4	263	1052
	59	10.0	4	243	972
	60	12.5	1	270	270
	61	12.5	2	407	814
	62	12.5	2	723	1446

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	470.6	126.7
	8.0	5.5	2.4
	10.0	305.4	207.1
	12.5	25.3	26.8
CA60	5.0	582.7	98.8

PESO TOTAL (kg)	
CA50	363
CA60	98.8

Volume de concreto (C-30) = 8.42 m³
Área de forma = 124.82 m²

12 Vigas Nível 3,00m
Escala: 1/50

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

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
ÁREA: 1.087,69 m²
PRANCHA: 12 /19
ESCALA: Indicada

Projeto:
Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:03441229457
Dados: 2021.12.23 11:34:48 -03'00'
SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:
PREFEITURA MUNICIPAL DE CAIBI
CNPJ:82.940.776/0001-56

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