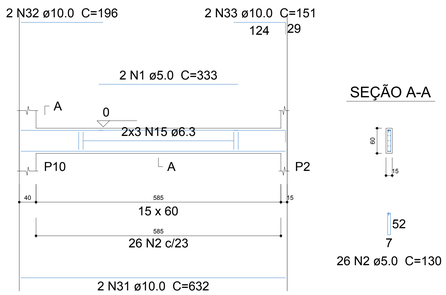
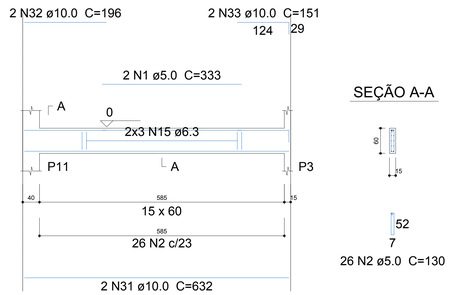
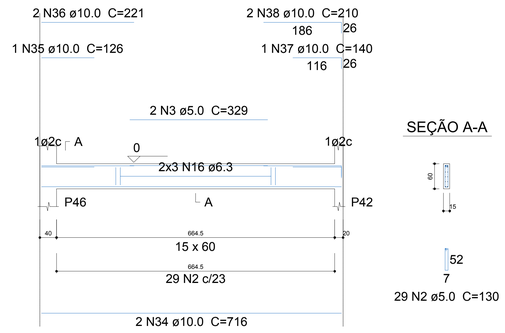
V33



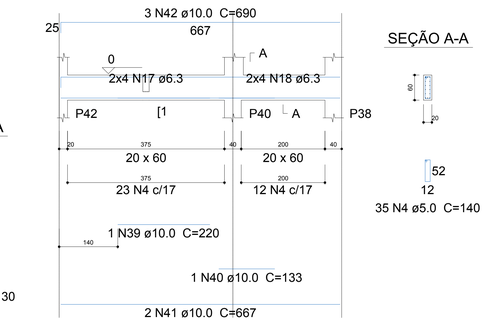
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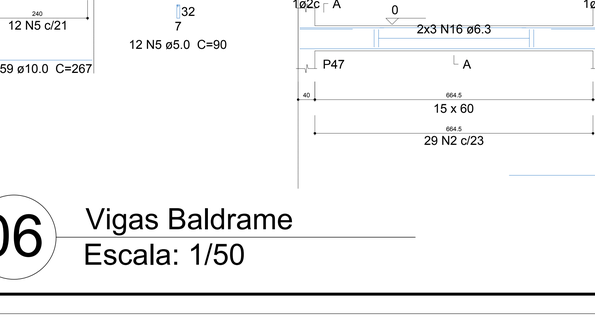
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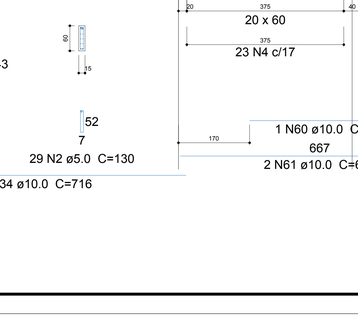
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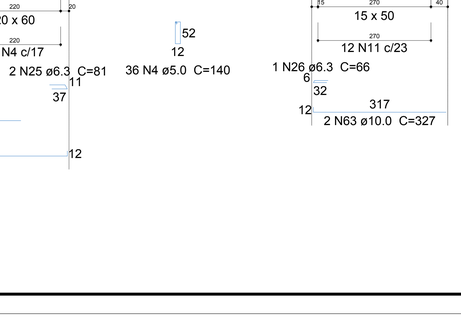
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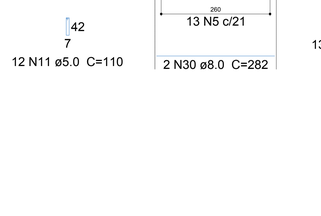
V38



V39



V40



Relação do aço

V33	V34	V35
V36	V37	V38
V39	V40	V41
V42	V43	V44
V45	V46	V47
V48	V49	V50
V58		

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	4	333	1332
	2	5.0	178	130	23140
	3	5.0	2	329	658
	4	5.0	71	140	9940
	5	5.0	131	90	11790
	6	5.0	2	300	600
	7	5.0	2	397	794
	8	5.0	2	407	814
	9	5.0	2	272	544
	10	5.0	2	317	634
	11	5.0	25	110	2750
	12	5.0	2	267	534
	13	5.0	2	349	698
	14	5.0	2	282	564
CA50	15	6.3	24	CORR	15168
	16	6.3	12	CORR	8592
	17	6.3	16	CORR	6832
	18	6.3	16	CORR	4352
	19	6.3	1	160	160
	20	6.3	1	676	676
	21	6.3	1	91	91
	22	6.3	1	131	131
	23	6.3	2	1012	2024
	24	6.3	6	CORR	2568
	25	6.3	2	81	162
	26	6.3	1	66	66
	27	8.0	1	126	126
	28	8.0	1	166	166
	29	8.0	2	478	956
	30	8.0	2	282	564
	31	10.0	8	632	5056
	32	10.0	4	196	784
	33	10.0	4	151	604
	34	10.0	4	716	2864
	35	10.0	2	126	252
	36	10.0	2	221	442
	37	10.0	2	140	280
	38	10.0	4	210	840
	39	10.0	1	220	220
	40	10.0	1	133	133
	41	10.0	2	667	1334
	42	10.0	3	690	2070
	43	10.0	2	1012	2024
	44	10.0	2	428	856
	45	10.0	1	131	131
	46	10.0	4	201	804
	47	10.0	2	178	356
	48	10.0	2	397	794
	49	10.0	2	112	224
	50	10.0	2	158	316
	51	10.0	1	255	255
	52	10.0	2	407	814
	53	10.0	2	272	544
	54	10.0	2	317	634
	55	10.0	2	239	478
	56	10.0	1	124	124
	57	10.0	2	252	504
	58	10.0	1	310	310
	59	10.0	2	267	534
	60	10.0	1	390	390
	61	10.0	2	677	1354
	62	10.0	3	712	2136
	63	10.0	2	327	654
	64	10.0	2	339	678
	65	12.5	2	654	1308

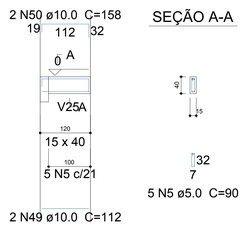
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	408.3	109.9
	8.0	18.2	7.9
	10.0	298	202.1
	12.5	13.1	13.9
CA60	5.0	548	92.9

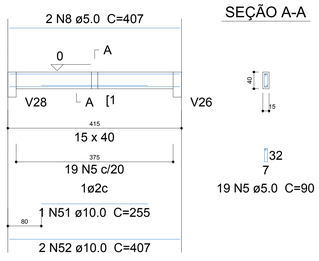
PESO TOTAL (kg)	
CA50	333.7
CA60	92.9

Volume de concreto (C-30) = 7.93 m³
Área de forma = 115.21 m²

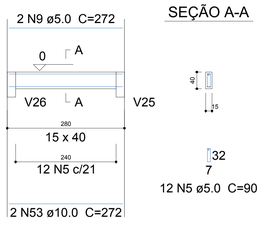
V41



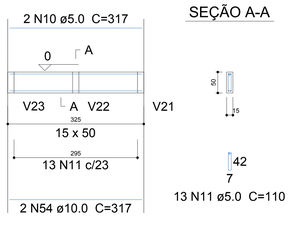
V42



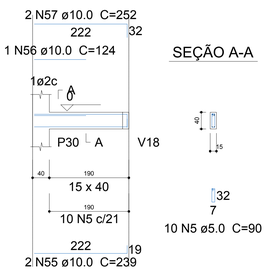
V43



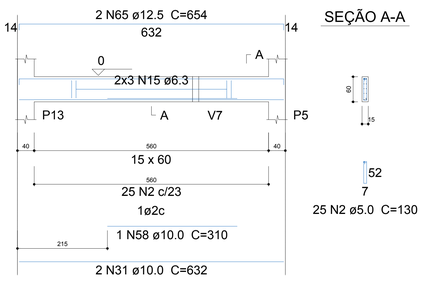
V44



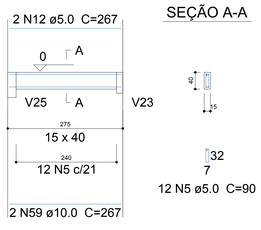
V45



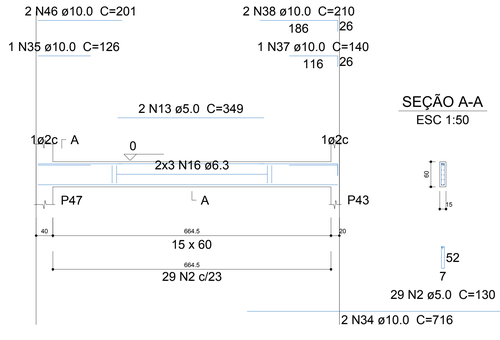
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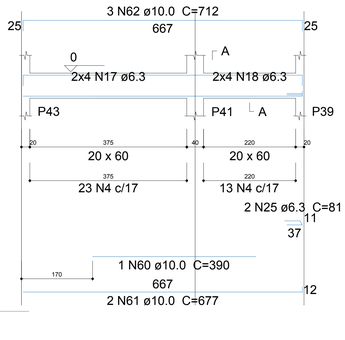
V47



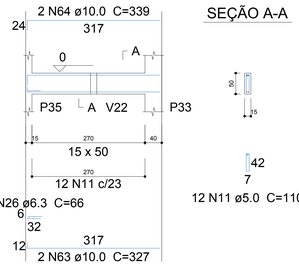
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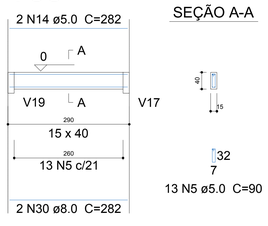
V49



V50



V58



06 Vigas Baldrame
Escala: 1/50

Engeobra
CREA SC 158.464-0
ENGENHARIA E INFRAESTRUTURA
Rua Primo Tacco, 350, Bairro Tacco – Caibi
E-mail: engenheiroSC@engeobra.com.br 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 baldrame

DATA: 12/2021

DESENHO: T.L

ÁREA: 1.087,69 m²

ESCALA: Indicada

PRANCHA: 06 /19

Projeto:

Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO04412294927
Dados: 2021.12.21 11:28:06 -03'00'

SAMUEL SPESSATTO OUTEIRO
Engº Civil - CREA SC 133319-7

Proprietário:

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