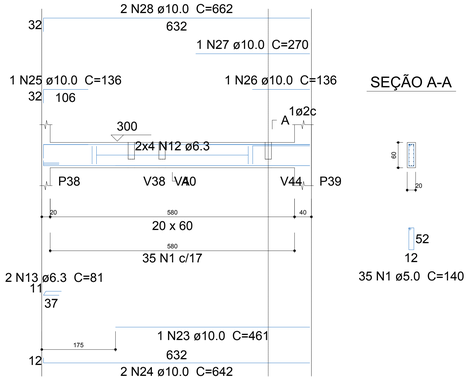
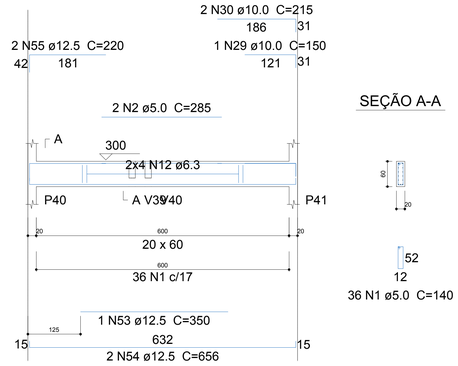
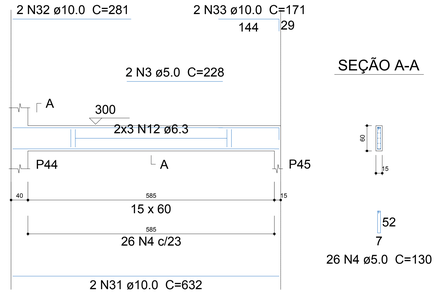
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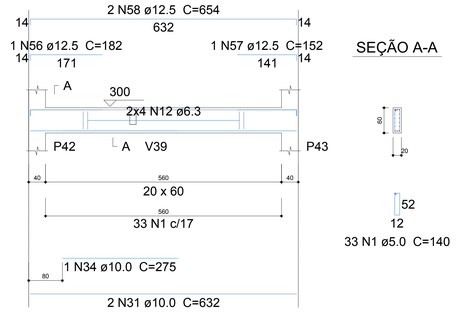
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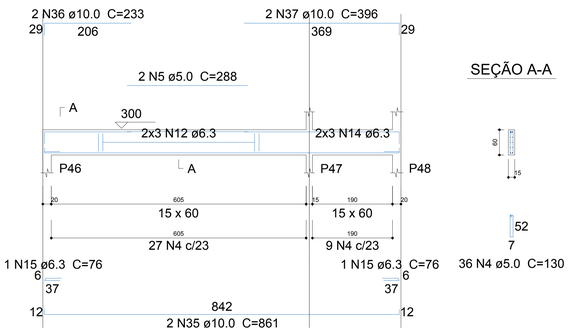
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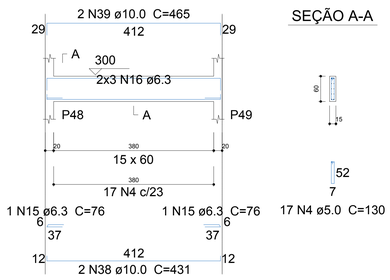
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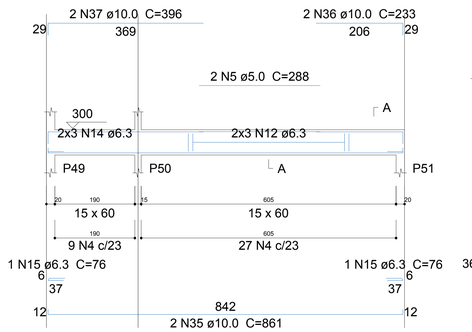
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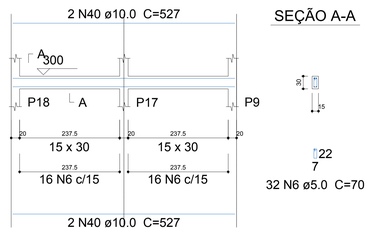
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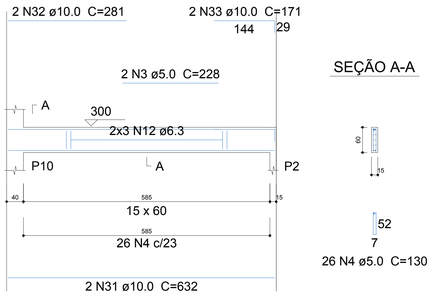
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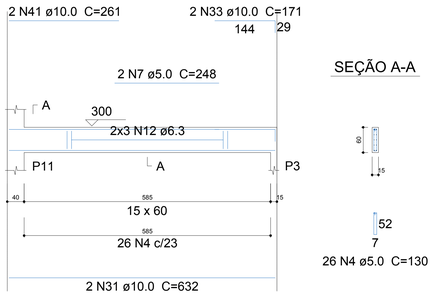
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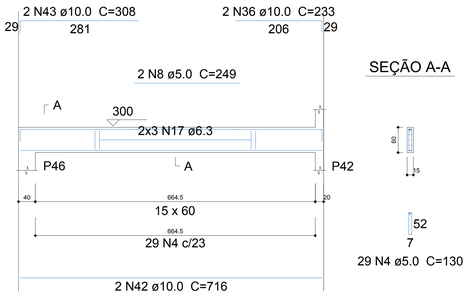
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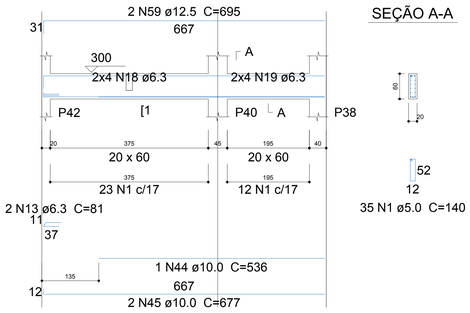
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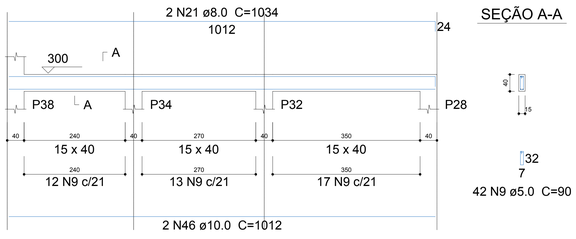
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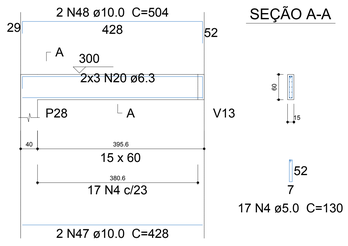
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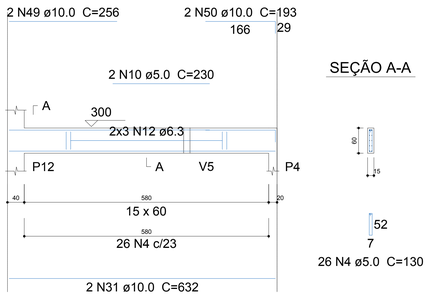
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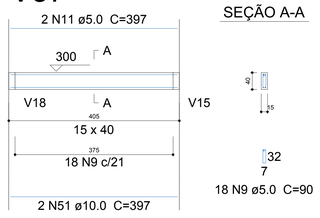
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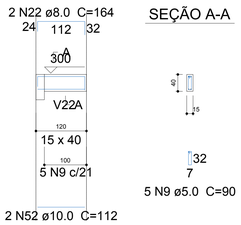
V36



V37



V38



Relação do aço

V22	V23	V24
V25	V26	V27
V28	V29	V30
V31	V32	V33
V34	V35	V36
V37	V38	

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	139	140	19460
	2	5.0	2	285	570
	3	5.0	4	228	912
	4	5.0	239	130	31070
	5	5.0	4	288	1152
	6	5.0	32	70	2240
	7	5.0	2	248	496
	8	5.0	2	249	498
	9	5.0	65	90	5850
	10	5.0	2	230	460
	11	5.0	2	397	794
CA50	12	6.3	60	CORR	37920
	13	6.3	4	81	324
	14	6.3	12	CORR	2604
	15	6.3	6	76	456
	16	6.3	6	CORR	2472
	17	6.3	6	CORR	4296
	18	6.3	8	CORR	3456
	19	6.3	8	CORR	2176
	20	6.3	6	CORR	2568
	21	8.0	2	1034	2068
	22	8.0	2	164	328
	23	10.0	1	461	461
	24	10.0	2	642	1284
	25	10.0	1	136	136
	26	10.0	1	136	136
	27	10.0	1	270	270
	28	10.0	2	662	1324
	29	10.0	1	150	150
	30	10.0	2	215	430
	31	10.0	10	632	6320
	32	10.0	4	281	1124
	33	10.0	6	171	1026
	34	10.0	1	275	275
	35	10.0	4	861	3444
	36	10.0	6	233	1398
	37	10.0	4	396	1584
	38	10.0	2	431	862
	39	10.0	2	465	930
	40	10.0	4	527	2108
	41	10.0	2	261	522
	42	10.0	2	716	1432
	43	10.0	2	308	616
	44	10.0	1	536	536
	45	10.0	2	677	1354
	46	10.0	2	1012	2024
	47	10.0	2	428	856
	48	10.0	2	504	1008
	49	10.0	2	256	512
	50	10.0	2	193	386
	51	10.0	2	397	794
	52	10.0	2	112	224
	53	12.5	1	350	350
	54	12.5	2	656	1312
	55	12.5	2	220	440
	56	12.5	1	182	182
	57	12.5	1	152	152
	58	12.5	2	654	1308
	59	12.5	2	695	1390

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	562.8	151.5
	8.0	24	10.4
	10.0	335.3	227.4
	12.5	51.4	54.4
CA60	5.0	635.1	107.7

PESO TOTAL (kg)	
CA50	443.6
CA60	107.7

Volume de concreto (C-30) = 9.54 m³
Área de forma = 133.86 m²

11 Vigas Nível 3,00m
Escala: 1/50

Engeobra
CREA SC 158.454-0
ENGENHARIA E INFRAESTRUTURA
Rua Primo Tacca, 350, Bairro Tacca – Caibi/SC
E-mail: engenheiroSC@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: 11 /19
ESCALA: Indicada

Projeto: Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:04412299327 Dados: 2021.12.23 11:34:30 -03'00'
SAMUEL SPESSATTO OUTEIRO
Engº Civil - CREA SC 133319-7

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