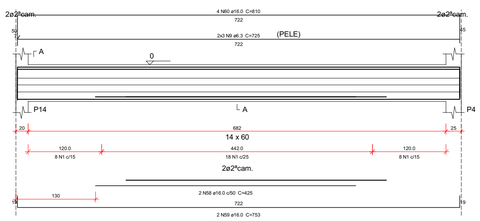
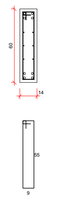
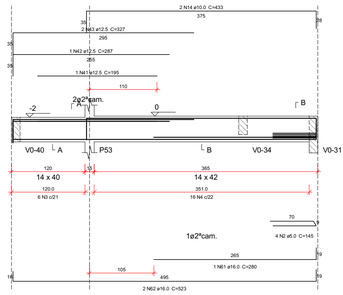
V0-105
ESC 1:50



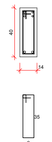
SEÇÃO A-A
ESC 1:25



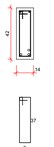
V0-106
ESC 1:50



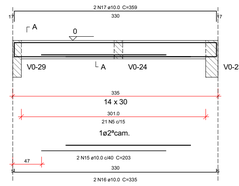
SEÇÃO A-A
ESC 1:25



SEÇÃO B-B
ESC 1:25



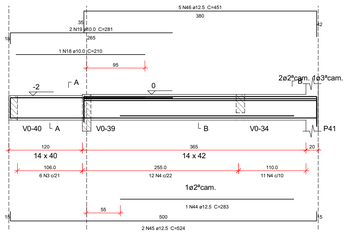
V0-107
ESC 1:50



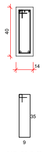
SEÇÃO A-A
ESC 1:25



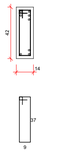
V0-108
ESC 1:50



SEÇÃO A-A
ESC 1:25



SEÇÃO B-B
ESC 1:25



Relação do aço

V0-105	V0-106	V0-107
V0-108	V0-109	V0-110
V0-111	V0-112	V0-113
V0-114	V0-115	V0-116
V0-117	V0-118	V0-119

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	170	139	23630
	2	5.0	4	145	580
	3	5.0	141	99	13959
	4	5.0	54	103	5562
	5	5.0	21	79	1659
	6	5.0	4	105	420
	7	5.0	5	24	120
	8	5.0	19	119	2261
	9	6.3	12	725	8700
	10	6.3	6	485	2910
	11	6.3	6	CORR	2946
	12	6.3	6	CORR	3360
	13	6.3	6	589	3534
	14	10.0	2	433	866
	15	10.0	2	203	406
	16	10.0	2	335	670
	17	10.0	2	359	718
	18	10.0	1	210	210
	19	10.0	2	281	562
	20	10.0	2	527	1054
	21	10.0	1	190	190
	22	10.0	2	306	612
	23	10.0	3	431	1293
	24	10.0	1	306	306
	25	10.0	1	536	536
	26	10.0	2	1028	2056
	27	10.0	1	168	168
	28	10.0	3	1026	3078
	29	10.0	6	111	666
	30	10.0	2	518	1036
	31	10.0	2	543	1086
	32	10.0	2	1006	2012
	33	10.0	2	1034	2068
	34	10.0	2	379	758
	35	10.0	2	417	834
	36	10.0	2	275	550
	37	10.0	2	280	560
	38	10.0	2	415	830
	39	10.0	2	420	840
	40	10.0	2	552	1104
	41	12.5	1	195	195
	42	12.5	1	287	287
	43	12.5	2	327	654
	44	12.5	1	283	283
	45	12.5	2	524	1048
	46	12.5	5	451	2255
	47	12.5	3	489	1467
	48	12.5	6	562	3372
	49	12.5	1	218	218
	50	12.5	5	597	2985
	51	12.5	1	174	174
	52	12.5	2	214	428
	53	12.5	2	186	372
	54	12.5	3	221	663
	55	12.5	2	632	1264
	56	12.5	1	475	475
	57	12.5	2	517	1034
	58	16.0	2	425	850
	59	16.0	2	753	1506
	60	16.0	4	810	3240
	61	16.0	1	280	280
	62	16.0	2	523	1046
	63	16.0	4	739	2956
	64	16.0	1	208	208
	65	16.0	4	817	3268

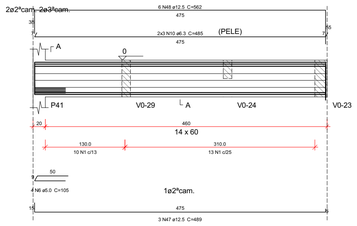
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	214.5	52.5
	10.0	250.7	154.6
	12.5	171.8	165.4
	16.0	133.6	210.8
CA60	5.0	482	74.3

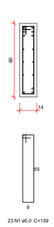
PESO TOTAL (kg)	
CA50	583.3
CA60	74.3

Volume de concreto (C-30) = 5.4 m³
Área de forma = 69.48 m²

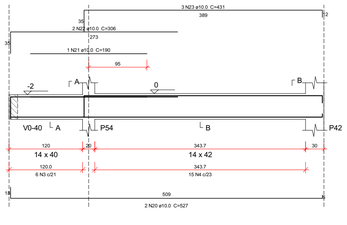
V0-109
ESC 1:50



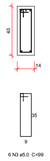
SEÇÃO A-A
ESC 1:25



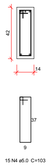
V0-110
ESC 1:50



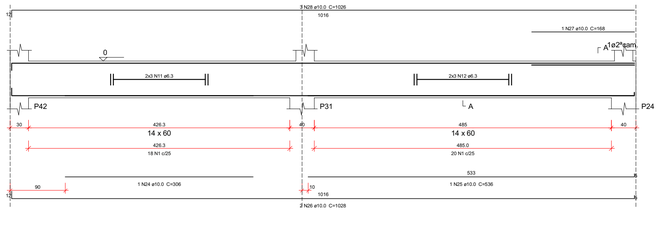
SEÇÃO A-A
ESC 1:25



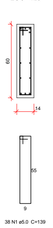
SEÇÃO B-B
ESC 1:25



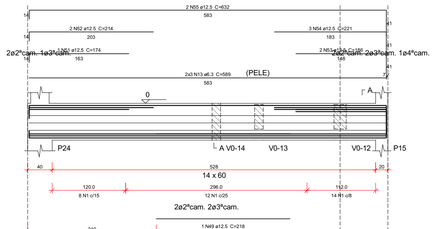
V0-111
ESC 1:50



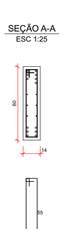
SEÇÃO A-A
ESC 1:25



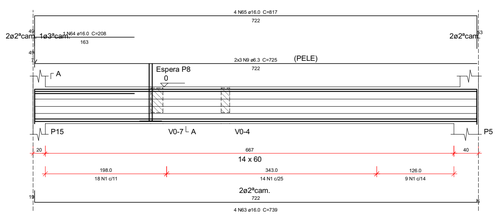
V0-112
ESC 1:50



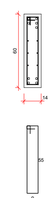
SEÇÃO A-A
ESC 1:25



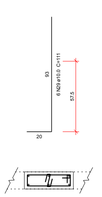
V0-113
ESC 1:50



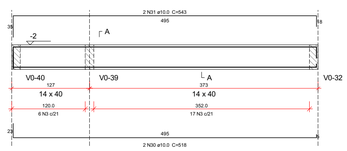
SEÇÃO A-A
ESC 1:25



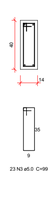
ESPERA P8
ESC 1:25



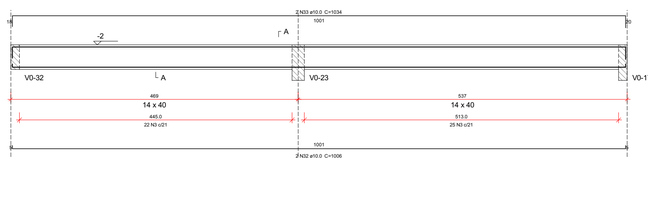
V0-114
ESC 1:50



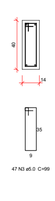
SEÇÃO A-A
ESC 1:25



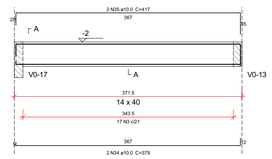
V0-115
ESC 1:50



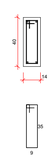
SEÇÃO A-A
ESC 1:25



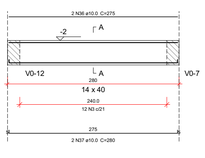
V0-116
ESC 1:50



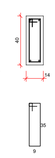
SEÇÃO A-A
ESC 1:25



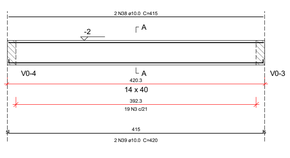
V0-117
ESC 1:50



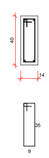
SEÇÃO A-A
ESC 1:25



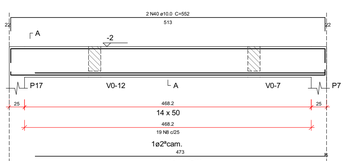
V0-118
ESC 1:50



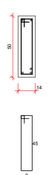
SEÇÃO A-A
ESC 1:25



V0-119
ESC 1:50



SEÇÃO A-A
ESC 1:25



Nº	Comentário	Data	Autor
0	Emissão inicial		

E + Plan Engenharia Ltda Me

CNPJ:15.018.870/0001-65
Registro no CREA/SC: 127.622-8
www.emais.eng.br - contato@emais.eng.br
Fone: (48)3093-9350
Rua Najla Carone Goedert, nº 1080 - Sala 1001/1002
Ed. City Office Square Passa Vinte - Palhoça - SC

SERVIÇO SOCIAL DO COMÉRCIO
DEPARTAMENTO REGIONAL
SANTA CATARINA

Rua Felipe Schmidt, 785 – Centro – Florianópolis
CEP 88.010.002 – Fone/Fax: (48) 3251-4800
sesc-sc@sesc-sc.com.br

Projeto

ESTRUTURAL

Local: SESC ESCOLA VILA NOVA
End.: RUA JOINVILLE – VILA NOVA – BLUMENAU – SC

Obra: SESC ESCOLA VILA NOVA

Conteúdo: Det. das vigas do Térreo.

Proprietário: SERVIÇO SOCIAL DO COMÉRCIO
CNPJ 03.603.595/0001-68

Carimbo e Assinatura

Resp. Técnico

Carimbo e Assinatura

Autor do Projeto

Eng. Civil Dilnei de Freitas Jacinto
CREA/SC: 122.825-5

Assinatura

Co-Autor do Projeto

Prancha nº: 19
Total: 43

ITEM	Desenho	Escala	Data
BLOCO 02	DILNEI	Indicada	MAI/2023

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TAMANHO DA PRANCHA:(841mm x 594mm)