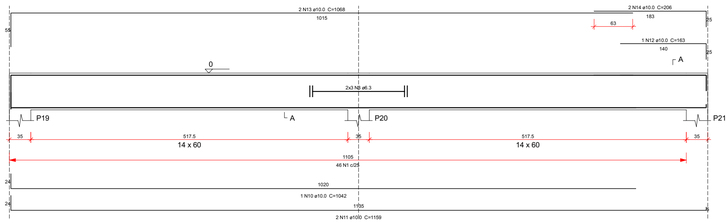
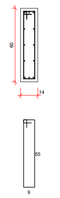
V0-9
ESC 1:50

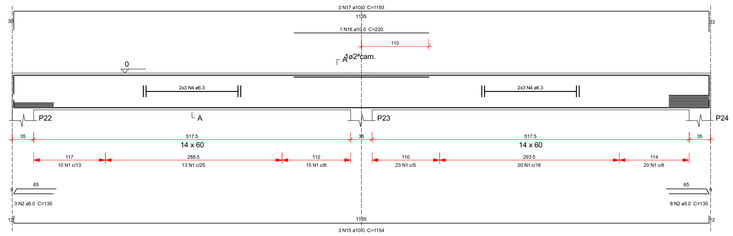


SEÇÃO A-A
ESC 1:25

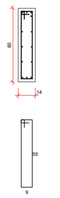


46 N1 ø6.0 C=139

V0-10
ESC 1:50

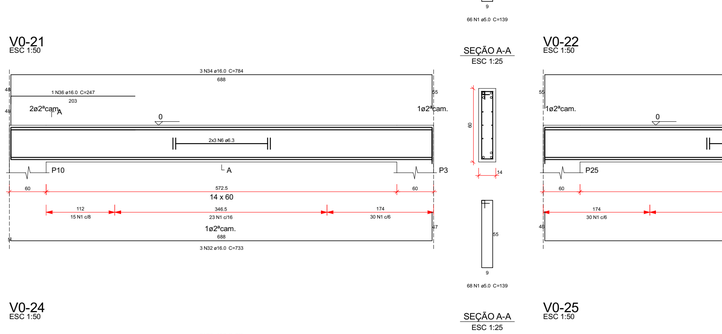


SEÇÃO A-A
ESC 1:25

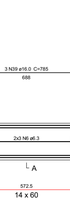


101 N1 ø6.0 C=139

V0-11
ESC 1:50

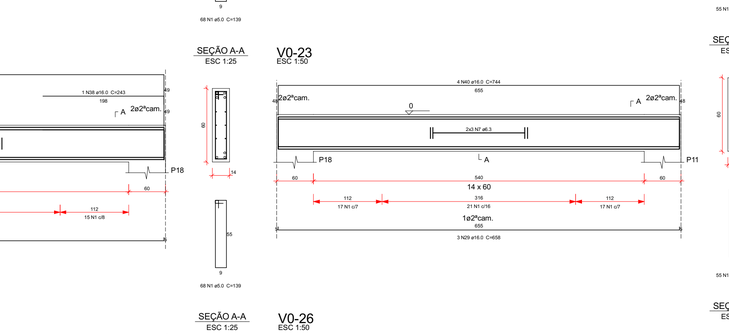


SEÇÃO A-A
ESC 1:25



126 N1 ø5.0 C=139

V0-12
ESC 1:50



SEÇÃO A-A
ESC 1:25



101 N1 ø5.0 C=139

V0-13
ESC 1:50

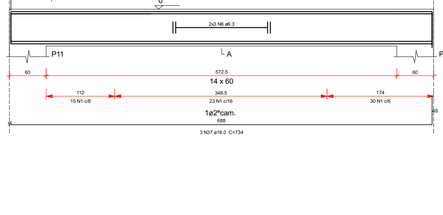


SEÇÃO A-A
ESC 1:25

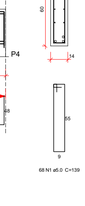


26 N1 ø5.0 C=139

V0-14
ESC 1:50

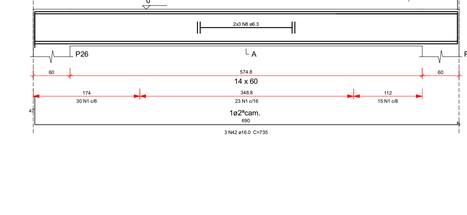


SEÇÃO A-A
ESC 1:25

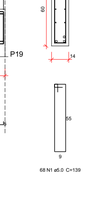


26 N1 ø5.0 C=139

V0-15
ESC 1:50

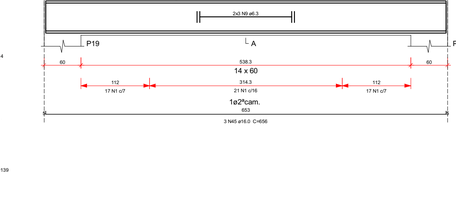


SEÇÃO A-A
ESC 1:25

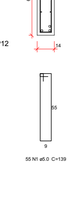


26 N1 ø5.0 C=139

V0-16
ESC 1:50



SEÇÃO A-A
ESC 1:25

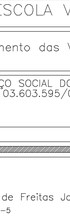


66 N1 ø5.0 C=139

V0-17
ESC 1:50



SEÇÃO A-A
ESC 1:25



62 N1 ø5.0 C=139

V0-18
ESC 1:50

SEÇÃO A-A
ESC 1:25

66 N1 ø5.0 C=139

V0-19
ESC 1:50

SEÇÃO A-A
ESC 1:25

68 N1 ø5.0 C=139

V0-20
ESC 1:50

SEÇÃO A-A
ESC 1:25

55 N1 ø5.0 C=139

V0-21
ESC 1:50

SEÇÃO A-A
ESC 1:25

68 N1 ø5.0 C=139

V0-22
ESC 1:50

SEÇÃO A-A
ESC 1:25

68 N1 ø5.0 C=139

V0-23
ESC 1:50

SEÇÃO A-A
ESC 1:25

55 N1 ø5.0 C=139

V0-24
ESC 1:50

SEÇÃO A-A
ESC 1:25

68 N1 ø5.0 C=139

V0-25
ESC 1:50

SEÇÃO A-A
ESC 1:25

68 N1 ø5.0 C=139

V0-26
ESC 1:50

SEÇÃO A-A
ESC 1:25

55 N1 ø5.0 C=139

Relação do aço

V0-9	V0-10	V0-11
V0-12	V0-13	V0-14
V0-15	V0-16	V0-17
V0-18	V0-19	V0-20
V0-21	V0-22	V0-23
V0-24	V0-25	V0-26

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1151	139	159989
	2	5.0	14	135	1890
CA50	3	6.3	6	CORR	6810
	4	6.3	36	CORR	20988
	5	6.3	18	113	2034
	6	6.3	48	CORR	33024
	7	6.3	24	CORR	15720
	8	6.3	6	CORR	4140
	9	6.3	6	CORR	3918
	10	10.0	1	1042	1042
	11	10.0	2	1159	2318
	12	10.0	1	163	163
	13	10.0	2	1068	2136
	14	10.0	2	206	412
	15	10.0	9	1154	10386
	16	10.0	2	220	440
	17	10.0	6	1193	7158
	18	10.0	4	1184	4736
	19	12.5	2	353	706
	20	12.5	4	692	2768
	21	12.5	2	238	476
	22	12.5	6	762	4572
	23	12.5	1	340	340
	24	12.5	2	659	1318
	25	12.5	4	721	2884
	26	16.0	6	736	4416
	27	16.0	1	252	252
	28	16.0	6	789	4734
	29	16.0	9	658	5922
	30	16.0	4	754	3016
	31	16.0	1	282	282
	32	16.0	6	733	4398
	33	16.0	1	217	217
	34	16.0	6	784	4704
	35	16.0	4	742	2968
	36	16.0	1	247	247
	37	16.0	6	734	4404
	38	16.0	1	243	243
	39	16.0	6	785	4710
	40	16.0	4	744	2976
	41	16.0	1	273	273
	42	16.0	3	735	2205
	43	16.0	1	242	242
	44	16.0	3	786	2358
	45	16.0	3	656	1968
	46	16.0	4	740	2960

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	866.4	212
	10.0	288	177.5
	12.5	130.7	125.9
	16.0	535	844.3
CA60	5.0	1618.8	249.5

PESO TOTAL (kg)	
CA50	1359.7
CA60	249.5

Volume de concreto (C-30) = 10.07 m³
Área de forma = 122.32 m²

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

SERVICO 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: Detalhamento das Vigas..

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

Resp. técnico

Carimbo e assinatura

Carimbo e assinatura

Autor do Projeto

Prancha nº

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

Assinatura

4
7
Total

Co-Autor do Projeto

ITEM	Desenho	Escala	Data
GINÁSIO	DILNEI	Indicada	MAI/2023

D:\OneDrive\Arquivos de Projetos\01_SESC_BLU_CCT_R0\Desenhos\GINÁSIO\01_BLU_SESC_VILA_NOVA_GINÁSIO_P04.cad

TAMANHO DA PRANCHA:(841mm x 594mm)