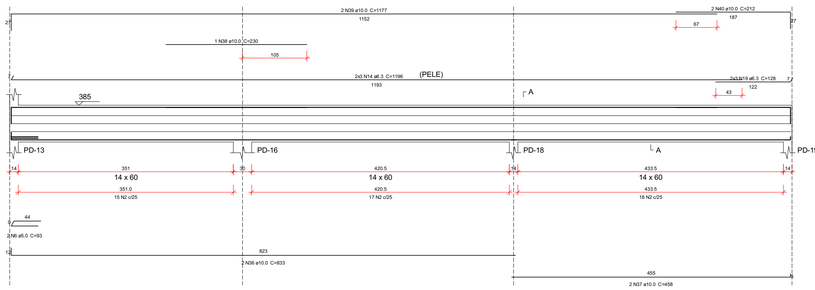
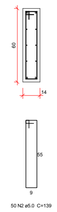
V1-1
ESC 1:50

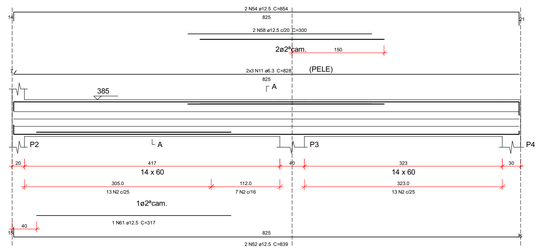


SEÇÃO A-A
ESC 1:25

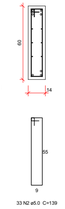


50 N2 ø5.0 C=139

V1-2
ESC 1:50



SEÇÃO A-A
ESC 1:25



33 N2 ø5.0 C=139

Relação do aço

V1-1	V1-2	V1-3
V1-4	V1-5	V1-6
V1-7	V1-8	V1-9
V1-10	V1-11	V1-12

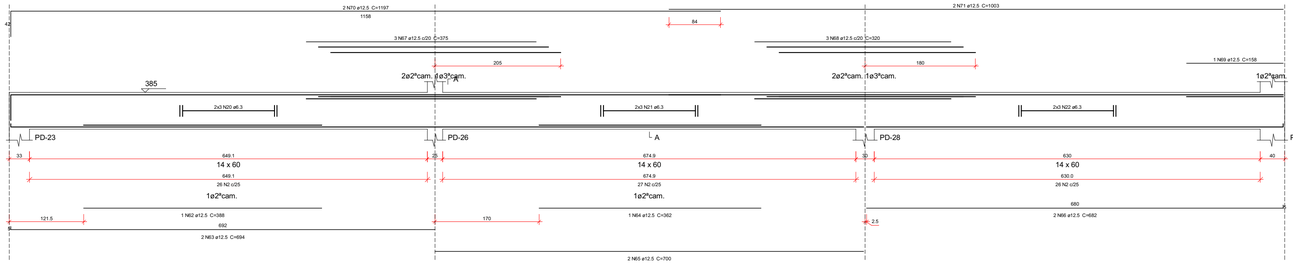
AÇO	N	DIAM (mm)	QUANT	C. UNIT (cm)	C. TOTAL (cm)
CA60	1	5.0	2	387	774
	2	5.0	455	139	63465
	3	5.0	43	151	6493
	4	5.0	1	165	165
	5	5.0	24	179	4296
	6	5.0	2	93	186
CA50	7	6.3	6	680	4080
	8	6.3	8	689	5512
	9	6.3	6	CORR	1680
	10	6.3	16	CORR	8480
	11	6.3	12	828	9936
	12	6.3	6	763	4578
	13	6.3	8	686	5488
	14	6.3	12	1196	14352
	15	6.3	6	155	930
	16	6.3	6	CORR	2580
	17	6.3	12	CORR	6480
	18	6.3	6	CORR	1440
	19	6.3	6	128	768
	20	6.3	6	CORR	4212
	21	6.3	6	CORR	4392
	22	6.3	6	CORR	4170
	23	10.0	2	135	270
	24	10.0	2	779	1558
	25	10.0	2	233	466
	26	10.0	3	491	1473
	27	10.0	1	305	305
	28	10.0	2	938	1876
	29	10.0	2	456	912
	30	10.0	2	671	1342
	31	10.0	3	526	1578
	32	10.0	1	669	669
	33	10.0	1	1104	1104
	34	10.0	2	1095	2190
	35	10.0	2	218	436
	36	10.0	2	833	1666
	37	10.0	2	458	916
	38	10.0	2	1087	2174
	39	10.0	2	1177	2354
	40	10.0	2	212	424
	41	12.5	2	457	914
	42	12.5	2	698	1396
	43	12.5	1	193	193
	44	12.5	2	233	466
	45	12.5	1	302	302
	46	12.5	2	719	1438
	47	12.5	1	467	467
	48	12.5	2	739	1478
	49	12.5	2	275	550
	50	12.5	2	761	1522
	51	12.5	3	312	936
	52	12.5	4	839	3356
	53	12.5	2	290	580
	54	12.5	4	854	3416
	55	12.5	1	178	178
	56	12.5	2	771	1542
	57	12.5	2	708	1416
	58	12.5	3	300	900
	59	12.5	1	805	805
	60	12.5	2	1197	2394
	61	12.5	1	317	317
	62	12.5	1	388	388
	63	12.5	2	694	1388
	64	12.5	1	362	362
	65	12.5	2	700	1400
	66	12.5	2	682	1364
	67	12.5	3	375	1125
	68	12.5	3	320	960
	69	12.5	1	158	158
	70	12.5	2	1197	2394
	71	12.5	2	1003	2006
	72	16.0	2	355	710
	73	16.0	2	479	958
	74	16.0	2	751	1502
	75	16.0	2	761	1522
	76	16.0	2	751	1502
	77	16.0	2	587	1174
	78	16.0	2	900	1800
	79	16.0	1	1196	1196
	80	16.0	1	234	234
	81	16.0	1	1098	1098
	82	16.0	1	332	332

Resumo do aço

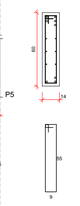
AÇO	DIAM (mm)	C. TOTAL (m)	PESO (kg)
CA50	6.3	790.2	193.4
	10.0	197.6	121.8
	12.5	361.2	347.9
	16.0	106.7	168.4
CA60	5.0	723.8	111.6
PESO TOTAL (kg)			
CA50	831.4		
CA60	111.6		

Volume de concreto (C-30) = 9.99 m³
Área de forma = 119.45 m²

V1-3
ESC 1:50

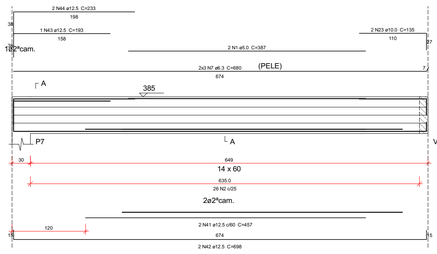


SEÇÃO A-A
ESC 1:25

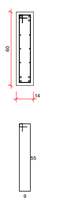


79 N2 ø5.0 C=139

V1-4
ESC 1:50

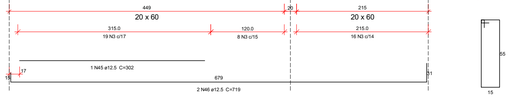


SEÇÃO A-A
ESC 1:25



26 N2 ø5.0 C=139

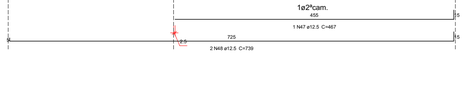
V1-5
ESC 1:50



SEÇÃO A-A
ESC 1:25

43 N3 ø5.0 C=151

V1-6
ESC 1:50

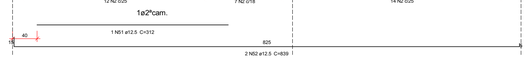


SEÇÃO A-A
ESC 1:25

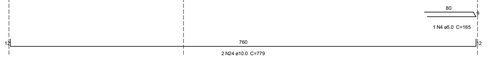


31 N2 ø5.0 C=139

V1-7
ESC 1:50



V1-8
ESC 1:50



SEÇÃO A-A
ESC 1:25



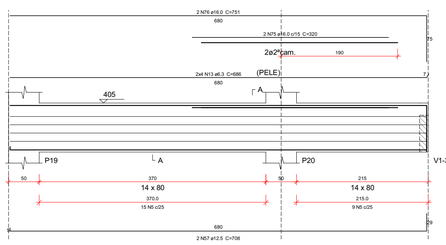
33 N2 ø5.0 C=139

SEÇÃO A-A
ESC 1:25

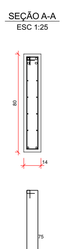


27 N2 ø5.0 C=139

V1-9
ESC 1:50

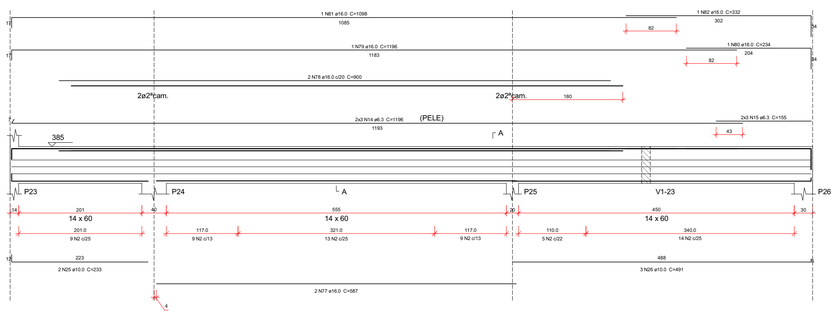


SEÇÃO A-A
ESC 1:25

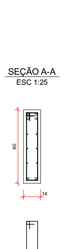


24 N5 ø5.0 C=179

V1-10
ESC 1:50

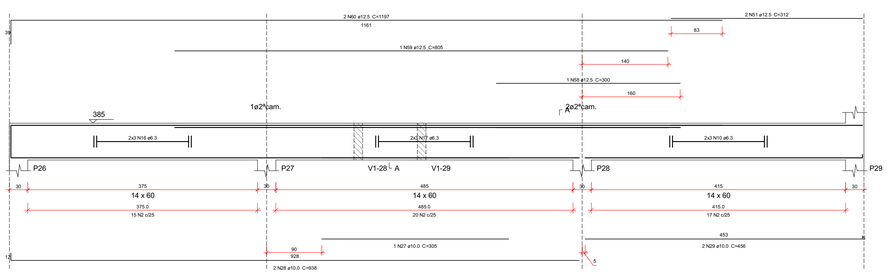


SEÇÃO A-A
ESC 1:25

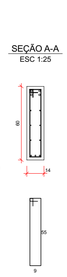


59 N2 ø5.0 C=139

V1-11
ESC 1:50

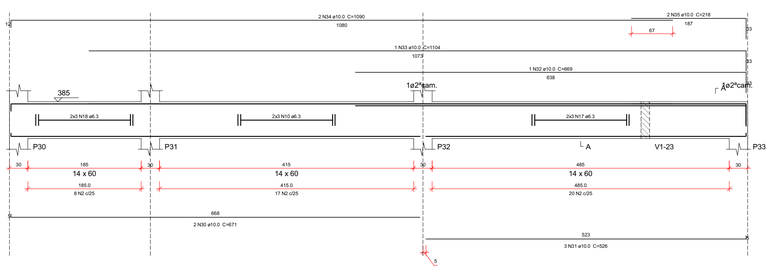


SEÇÃO A-A
ESC 1:25

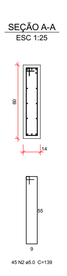


52 N2 ø5.0 C=139

V1-12
ESC 1:50



SEÇÃO A-A
ESC 1:25



45 N2 ø5.0 C=139

Nº	Comentário	Data	Autor
0	Emissão inicial		

E + Plan Engenharia Ltda Me

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DEPARTAMENTO REGIONAL
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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 Superior.

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

Resp. técnico

Carimbo e Assinatura

Carimbo e Assinatura

Autor do Projeto

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

Assinatura

Co-Autor do Projeto

Prancha nº: 17
Total: 24

ITEM	Desenho	Escala	Data
BLOCO 03	DILNEI	Indicada	MAI/2023

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TAMANHO DA PRANCHA:(841mm x 594mm)