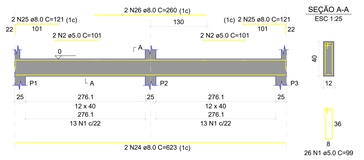
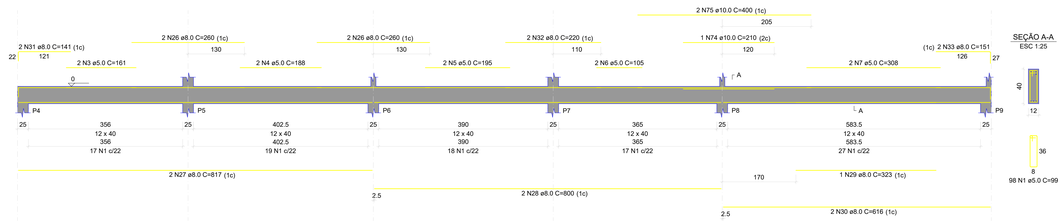
V1
ESC 1:50



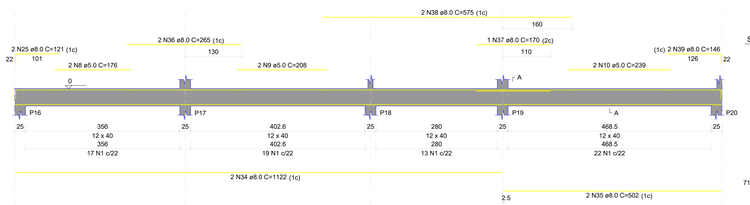
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



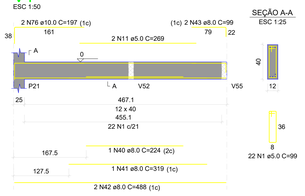
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



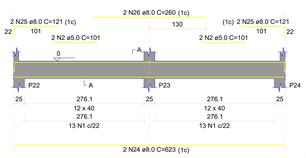
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50

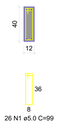


SEÇÃO A-A
ESC 1:25

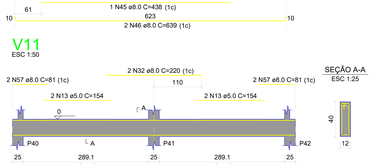
V5
ESC 1:50



SEÇÃO A-A
ESC 1:25

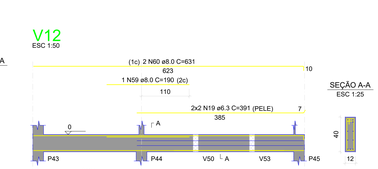


V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

V7
ESC 1:50

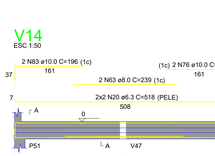


SEÇÃO A-A
ESC 1:25

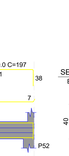
V8
ESC 1:50

SEÇÃO A-A
ESC 1:25

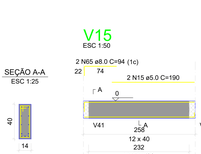
V9
ESC 1:50



SEÇÃO A-A
ESC 1:25



V10
ESC 1:50



SEÇÃO A-A
ESC 1:25

V11
ESC 1:50

SEÇÃO A-A
ESC 1:25

V12
ESC 1:50

SEÇÃO A-A
ESC 1:25

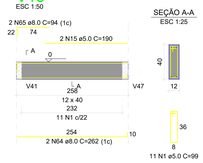
V13
ESC 1:50

SEÇÃO A-A
ESC 1:25

V14
ESC 1:50

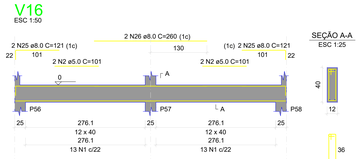
SEÇÃO A-A
ESC 1:25

V15
ESC 1:50



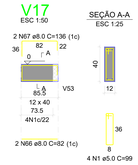
SEÇÃO A-A
ESC 1:25

V16
ESC 1:50



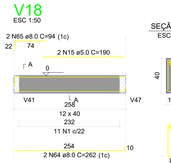
SEÇÃO A-A
ESC 1:25

V17
ESC 1:50



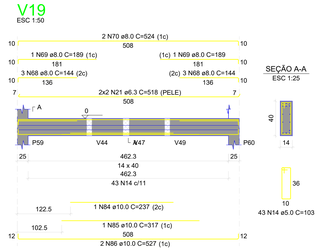
SEÇÃO A-A
ESC 1:25

V18
ESC 1:50



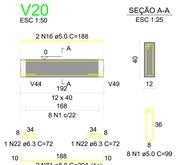
SEÇÃO A-A
ESC 1:25

V19
ESC 1:50



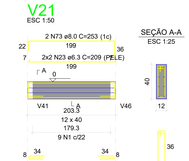
SEÇÃO A-A
ESC 1:25

V20
ESC 1:50



SEÇÃO A-A
ESC 1:25

V21
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	V18
V19	V20	V21

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	483	99	47817
	2	5.0	92	161	14812
	3	5.0	2	161	322
	4	5.0	2	182	364
	5	5.0	2	182	364
	6	5.0	2	308	616
	7	5.0	2	308	616
	8	5.0	2	208	416
	9	5.0	2	208	416
	10	5.0	2	265	530
	11	5.0	2	265	530
	12	5.0	2	151	302
	13	5.0	2	151	302
	14	5.0	92	182	16744
	15	5.0	1	182	182
	16	5.0	1	182	182
CA50	17	6.3	4	633	2532
	18	6.3	4	391	1564
	19	6.3	4	391	1564
	20	6.3	4	518	2072
	21	6.3	4	518	2072
	22	6.3	1	72	288
	23	6.3	4	209	836
	24	6.3	14	423	5922
	25	6.3	14	423	5922
	26	6.3	4	391	1564
	27	6.3	4	391	1564
	28	6.3	1	817	1634
	29	6.3	1	817	1634
	30	6.3	1	363	363
	31	6.3	1	363	363
	32	6.3	1	141	282
	33	6.3	1	141	282
	34	6.3	1	127	254
	35	6.3	1	127	254
	36	6.3	4	502	2008
	37	6.3	4	502	2008
	38	6.3	1	120	120
	39	6.3	1	120	120
	40	6.3	4	140	560
	41	6.3	4	140	560
	42	6.3	4	315	1260
	43	6.3	4	315	1260
	44	6.3	4	427	1708
	45	6.3	4	427	1708
	46	6.3	4	438	1752
	47	6.3	4	438	1752
	48	6.3	4	665	2660
	49	6.3	4	665	2660
	50	6.3	1	227	454
	51	6.3	1	227	454
	52	6.3	1	124	124
	53	6.3	1	124	124
	54	6.3	1	227	454
	55	6.3	1	227	454
	56	6.3	1	394	394
	57	6.3	1	394	394
	58	6.3	1	190	190
	59	6.3	1	190	190
	60	6.3	1	184	184
	61	6.3	1	184	184
	62	6.3	1	290	290
	63	6.3	1	290	290
	64	6.3	1	184	184
	65	6.3	1	184	184
	66	6.3	1	290	290
	67	6.3	1	290	290
	68	6.3	1	184	184
	69	6.3	1	184	184
	70	6.3	1	290	290
	71	6.3	1	290	290
	72	6.3	1	215	430
	73	6.3	1	215	430
	74	10.0	1	310	310
	75	10.0	1	310	310
	76	10.0	1	187	187
	77	10.0	1	187	187
	78	10.0	1	357	357
	79	10.0	1	357	357
	80	10.0	1	272	272
	81	10.0	1	347	347
	82	10.0	1	508	508
	83	10.0	2	196	392
	84	10.0	1	237	237
	85	10.0	1	317	317
	86	10.0	1	527	1054

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	109.3	29.4
	8.0	409.4	177.2
	10.0	65.2	44.2
CA60	5.0	616.2	104.5
PESO TOTAL (kg)			
CA50	251.3		
CA60	104.5		

Volume de concreto (C-25) = 5.67 m³
Área de forma = 107.29 m²

APROVAÇÃO

ESTRUTURAL

Título do Projeto: EMEF SEBASTIÃO DA SILVA ORTIZ
Proprietário: PREFEITURA MUNICIPAL DE SÃO JOSÉ DO CERRITO
Endereço da Obra: Rua: CATULINO CAPTULINO SIMÃO - DOM DANIEL

Assinatura:
PREFEITO - LEONARDO GARCIA HEINZEN

Eng°Civil: NILSON DO PRADO RODRIGUES:10062174959
Assinado de forma digital por NILSON DO PRADO RODRIGUES:10062174959
Dados: 2022.07.31 19:26:18 -03'00'
Nilson do Prado Rodrigues - CREA-SC 172357-5

Autor do Projeto:

Descrição Prancha:
VIGAS 1

OBRA:
EMEF SEBASTIÃO DA SILVA ORTIZ
Rua Catulino Captulino Simão Bairro Dom Daniel
Município: São José do Cerrito - Estado:Santa Catarina

OBSERVAÇÕES:
Área do Terreno:
ÁREA ADMINISTRATIVO: ÁREA = 119,37 M²
ÁREA SALA E OUTROS: ÁREA = 427,74 M²
Área total da Edificação Escolar
A= 547,11m²

ESCALA: INDICADA
DATA EMISSÃO: INDICADA
DESENHISTA: NILSON
ESTRUTURAL
PRANCHA: 03/E