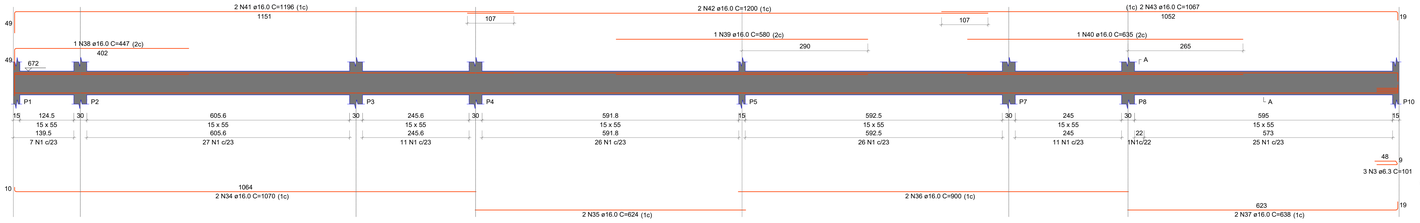
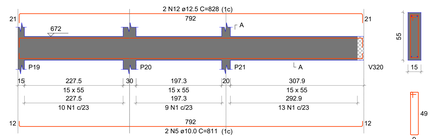
VIGAS 1/2 - Segundo Pavimento - Nível 6,72

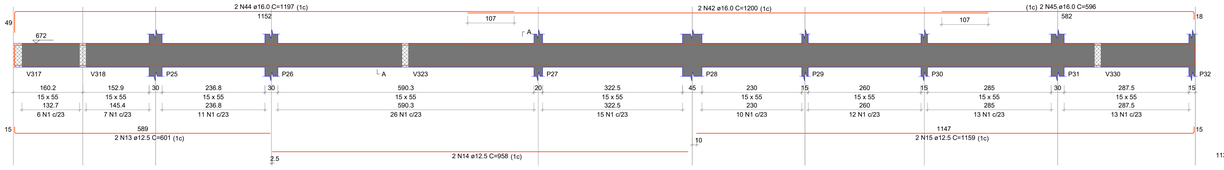
V301
ESC 1:50



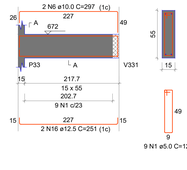
V302
ESC 1:50



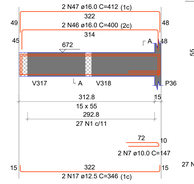
V303
ESC 1:50



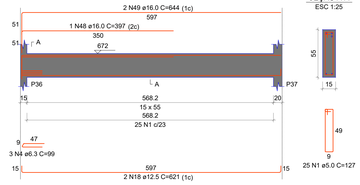
V304
ESC 1:50



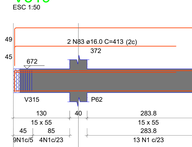
V305
ESC 1:50



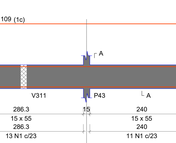
V306
ESC 1:50



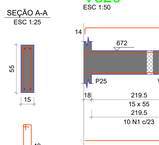
V307
ESC 1:50



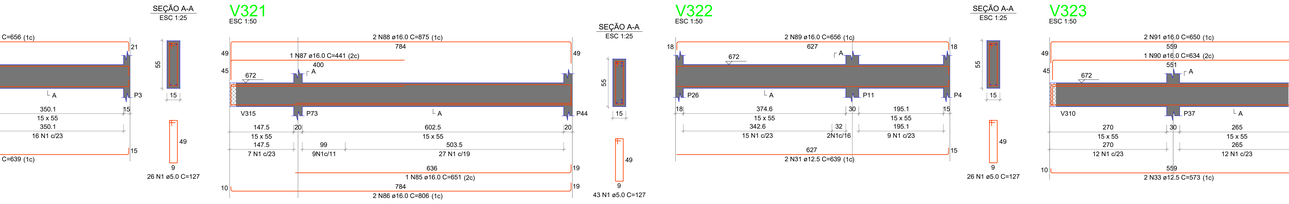
V308
ESC 1:50



V309
ESC 1:50



V310
ESC 1:50



V311
ESC 1:50

V312
ESC 1:50

V313
ESC 1:50

V314
ESC 1:50



V315
ESC 1:50

V316
ESC 1:50

V317
ESC 1:50

V318
ESC 1:50

Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

V319
ESC 1:50

V320
ESC 1:50

V321
ESC 1:50

V322
ESC 1:50

V323
ESC 1:50

RELAÇÃO DO AÇO

V301	V302	V303
V304	V305	V306
V307	V308	V309
V310	V311	V312
V313	V314	V315
V316	V317	V318
V319	V320	V321
V322	V323	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	198	67	13266
CA50	2	6.3	16	101	1616
	3	6.3	1	101	101
	4	6.3	1	99	99
	5	10.0	2	811	1622
	6	10.0	2	147	294
	7	10.0	2	127	254
	8	10.0	2	301	602
	9	10.0	2	346	692
	10	10.0	2	997	1994
	11	12.5	2	828	1656
	12	12.5	2	159	318
	13	12.5	2	811	1622
	14	12.5	2	346	692
	15	12.5	2	323	646
	16	12.5	2	251	502
	17	12.5	2	346	692
	18	12.5	2	486	972
	19	12.5	2	816	1632
	20	12.5	2	403	806
	21	12.5	2	842	1684
	22	12.5	2	842	1684
	23	12.5	2	813	1626
	24	12.5	2	900	1800
	25	12.5	2	900	1800
	26	12.5	2	642	1284
	27	12.5	2	932	1864
	28	12.5	2	922	1844
	29	12.5	2	1027	2054
	30	12.5	2	1071	2142
	31	12.5	2	1071	2142
	32	12.5	2	656	1312
	33	12.5	2	639	1278
	34	16.0	1	770	770
	35	16.0	1	600	600
	36	16.0	1	600	600
	37	16.0	1	260	260
	38	16.0	1	605	605
	39	16.0	1	447	447
	40	16.0	1	447	447
	41	16.0	1	1196	1196
	42	16.0	1	1200	1200
	43	16.0	1	1200	1200
	44	16.0	1	1197	1197
	45	16.0	1	1200	1200
	46	16.0	1	400	400
	47	16.0	1	412	412
	48	16.0	1	644	644
	49	16.0	1	621	621
	50	16.0	1	593	593
	51	16.0	1	995	995
	52	16.0	1	1159	1159
	53	16.0	1	538	538
	54	16.0	1	1196	1196
	55	16.0	1	1200	1200
	56	16.0	1	1067	1067
	57	16.0	1	1000	1000
	58	16.0	1	596	596
	59	16.0	1	891	891
	60	16.0	1	895	895
	61	16.0	1	916	916
	62	16.0	1	1109	1109
	63	16.0	1	852	852
	64	16.0	1	1196	1196
	65	16.0	1	1200	1200
	66	16.0	1	989	989
	67	16.0	1	1196	1196
	68	16.0	1	646	646
	69	16.0	1	515	515
	70	16.0	1	620	620
	71	16.0	1	1196	1196
	72	16.0	1	515	515
	73	16.0	1	1000	1000
	74	16.0	1	1000	1000
	75	16.0	1	891	891
	76	16.0	1	868	868
	77	16.0	1	872	872
	78	16.0	1	813	813
	79	16.0	1	331	331
	80	16.0	1	327	327
	81	16.0	1	369	369
	82	16.0	1	365	365
	83	16.0	1	413	413
	84	16.0	1	1109	1109
	85	16.0	1	806	806
	86	16.0	1	918	918
	87	16.0	1	441	441
	88	16.0	1	875	875
	89	16.0	1	656	656
	90	16.0	1	650	650
	91	16.0	1	650	1300

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	9	2.4
	10.0	54.6	37
	12.5	325.9	345.3
	16.0	873.3	1516.3
CA60	5.0	1466.1	248.6

PESO TOTAL (kg)	
CA50	1901
CA60	248.6

Volume de concreto (C-30) = 20.38 m³
Área de forma = 237.18 m²

AMURES — ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO SERRANA

PREFEITURA MUNICIPAL DE SÃO JOAQUIM - SC — 19/29

ASSESSORIA TÉCNICA

MATHEUS LORENZETTI CASAGRANDE:050743 — Assinado de forma digital por MATHEUS LORENZETTI CASAGRANDE:05074344980 Dados: 2025.10.14 08:13:46 -03'00'

PROJETO: 44980
Matheus Lorenzetti Casagrande
Eng. Civil - CREA 165793-1

PREFEITO:
José Teodoro de Sena Amaral

OBRA :
CENTRO DE EDUCAÇÃO INFANTIL (CEI) SANTA PAULINA

Projeto Estrutural
Detalhamento das Vigas 1/2 do Segundo Pav. - Nível 6,72

Área Total: 1828,80 m²
Localização: Rua Antônio José Alves de Sá ; Bairro: Centro ; CEP:88600-000 ; s/n°

DESENHO : Matheus Lorenzetti Casagrande
Escala: Indicada
DATA : 10/2025