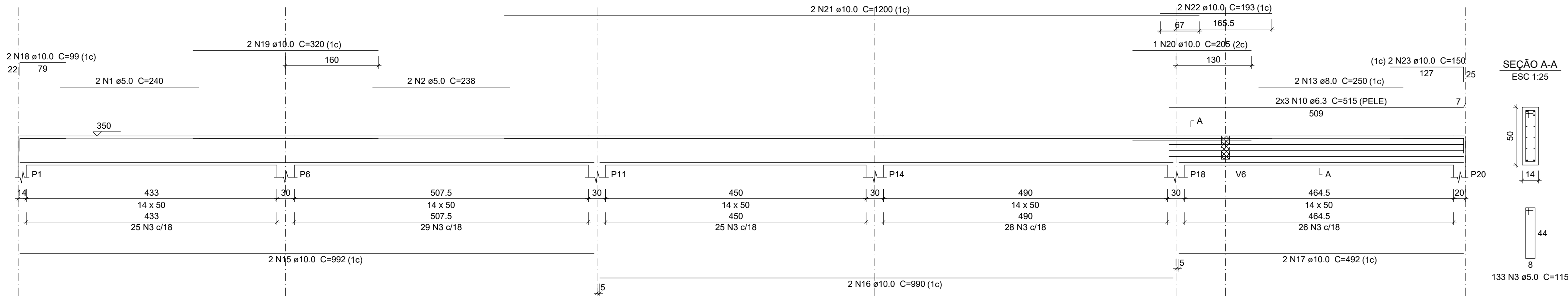
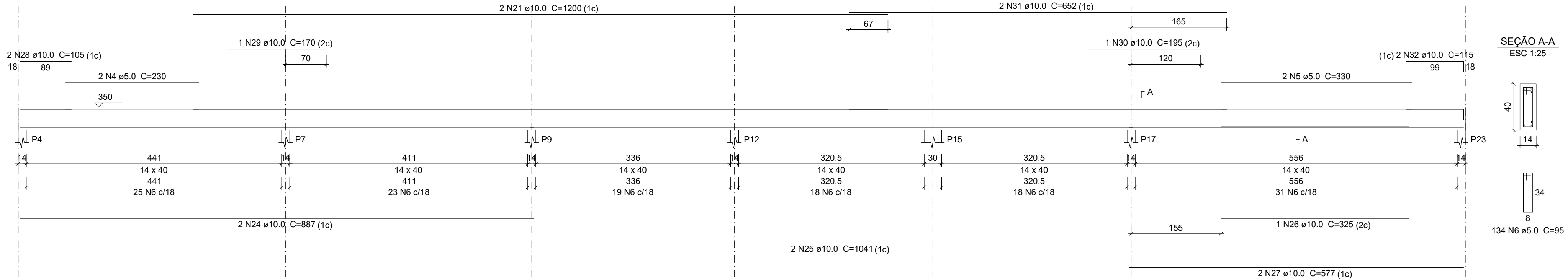


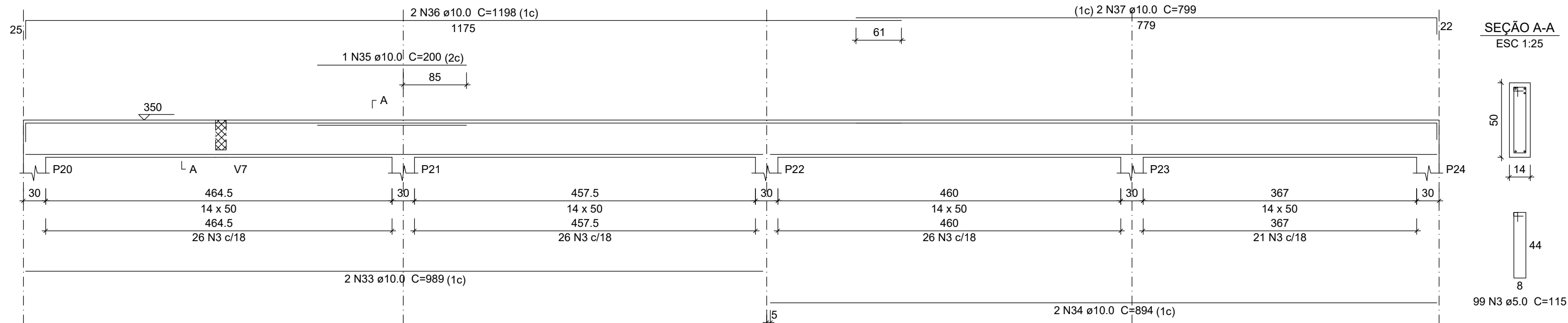
V1
ESC 1:50



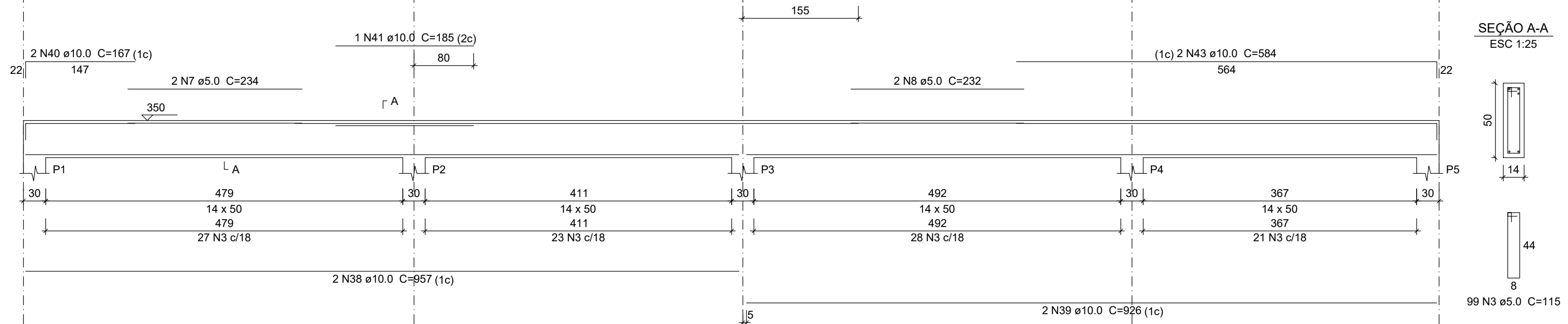
V2
ESC 1:50



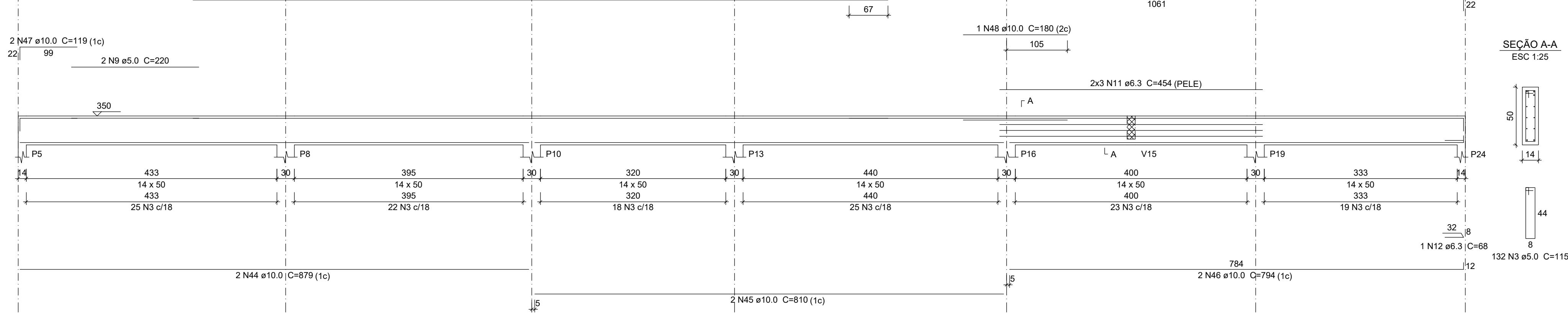
V3
ESC 1:50



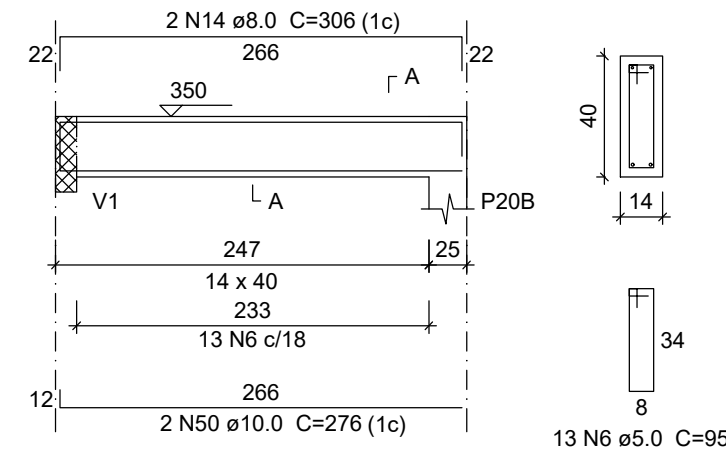
V4
ESC 1:50



V5
ESC 1:50



V6
ESC 1:50



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	240	480
	2	5.0	2	238	476
	3	5.0	463	115	53245
	4	5.0	2	230	460
	5	5.0	2	330	660
	6	5.0	147	95	13965
	7	5.0	2	234	468
	8	5.0	2	232	464
	9	5.0	2	220	440
	10	6.3	6	515	3090
CA50	11	6.3	6	454	2724
	12	6.3	1	68	68
	13	8.0	2	250	500
	14	8.0	2	306	612
	15	10.0	2	992	1984
	16	10.0	2	990	1980
	17	10.0	2	492	984
	18	10.0	2	99	198
	19	10.0	2	320	640
	20	10.0	1	205	205
	21	10.0	6	1200	7200
	22	10.0	2	193	386
	23	10.0	2	150	300
	24	10.0	2	887	1774
	25	10.0	2	1041	2082
	26	10.0	1	325	325
	27	10.0	2	577	1154
	28	10.0	2	105	210
	29	10.0	1	170	170
	30	10.0	1	195	195
	31	10.0	2	652	1304
	32	10.0	2	115	230
	33	10.0	2	989	1978
	34	10.0	2	894	1788
	35	10.0	1	200	200
	36	10.0	2	1198	2396
	37	10.0	2	799	1598
	38	10.0	2	957	1914
	39	10.0	2	926	1852
	40	10.0	2	167	334
	41	10.0	1	185	185
	42	10.0	2	756	1512
	43	10.0	2	584	1168
	44	10.0	2	879	1758
	45	10.0	2	810	1620
	46	10.0	2	794	1588
	47	10.0	2	119	238
	48	10.0	1	180	180
	49	10.0	2	1081	2162
	50	10.0	2	276	552

Resumo do aço

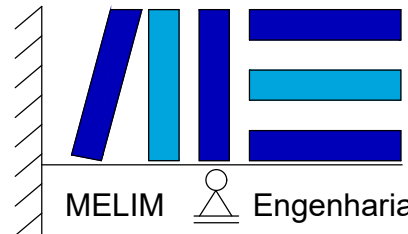
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	58.9	15.8
	8.0	11.2	4.8
	10.0	443.5	300.7
CA60	5.0	706.6	119.8
PESO TOTAL (kg)			
CA50	321.4		
CA60	119.8		

Volume de concreto (C-25) = 7.18 m³
Área de forma = 117.74 m²

RESPONSÁVEL TÉCNICO
Engº NELSON LUIS MELIM
PROPRIETÁRIO
PREFEITURA MUNICIPAL DE VIDAL RAMOS

Eng.º Civil Nelson Luis Melim
CREA/SC - 052.036-9

MELIM Engenharia
Av.: Jardim Panorama, 357 - Sumaré
Fone: (047) 999886066
89.160-000 - Rio do Sul / SC
e-mail: melimconstrutora@gmail.com



OBRA: CENTRO DE IDOSOS
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE VIDAL RAMOS
CNPJ: 83.102.376/0001-34
LOCALIZAÇÃO: RODOVIA SC 110 - VIDAL RAMOS

Projeto: ESTRUTURAL
Conteúdo: Vigas cobertura 01

PRANCHA
10/13

DATA: Dezembro/2025
ÁREA: 489,35m²
DESENHO: Tarcísio
ESCALAS: Indicadas