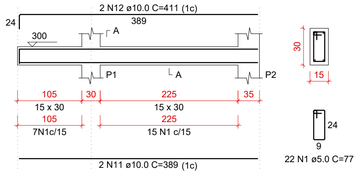
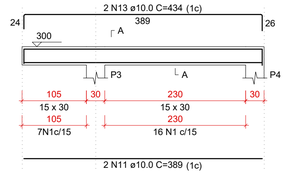
V1
ESC 1:50

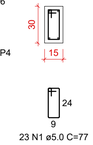


SEÇÃO A-A
ESC 1:25

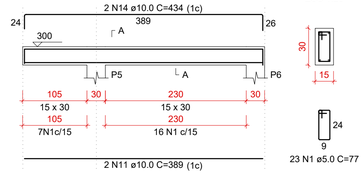
V2
ESC 1:50



SEÇÃO A-A
ESC 1:25

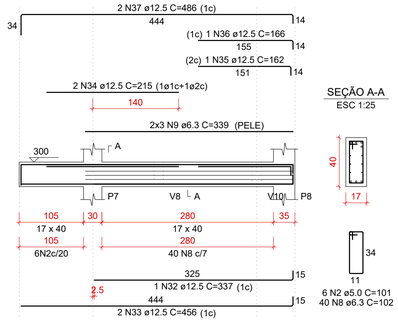


V3
ESC 1:50



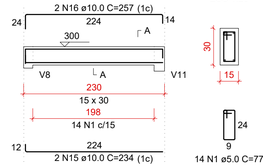
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50



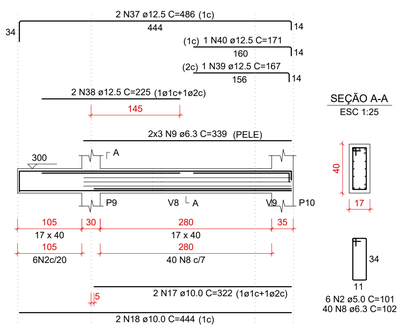
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50



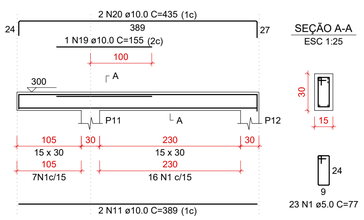
SEÇÃO A-A
ESC 1:25

V6
ESC 1:50



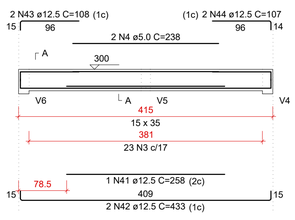
SEÇÃO A-A
ESC 1:25

V7
ESC 1:50

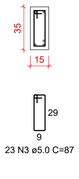


SEÇÃO A-A
ESC 1:25

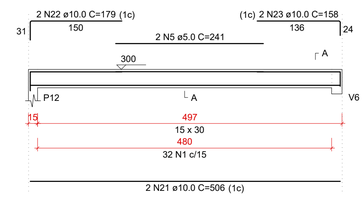
V8
ESC 1:50



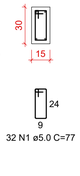
SEÇÃO A-A
ESC 1:25



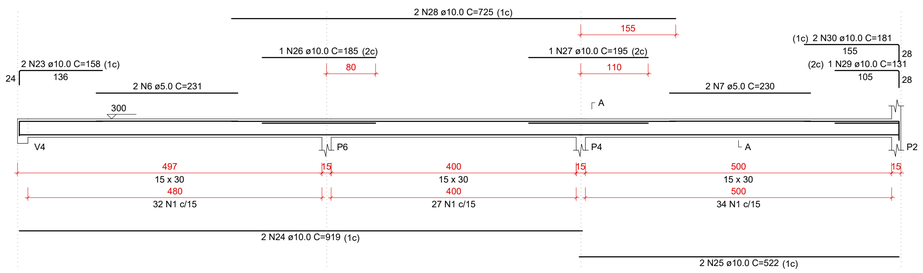
V9
ESC 1:50



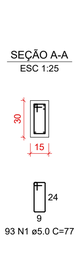
SEÇÃO A-A
ESC 1:25



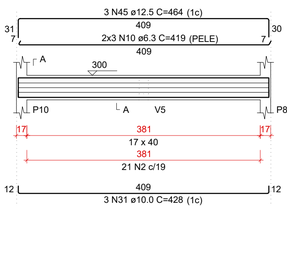
V10
ESC 1:50



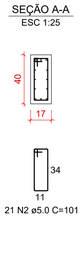
SEÇÃO A-A
ESC 1:25



V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO - Vigas térreo

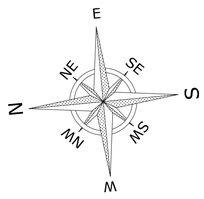
V1 V2 V3
V4 V5 V6
V7 V8 V9
V10 V11

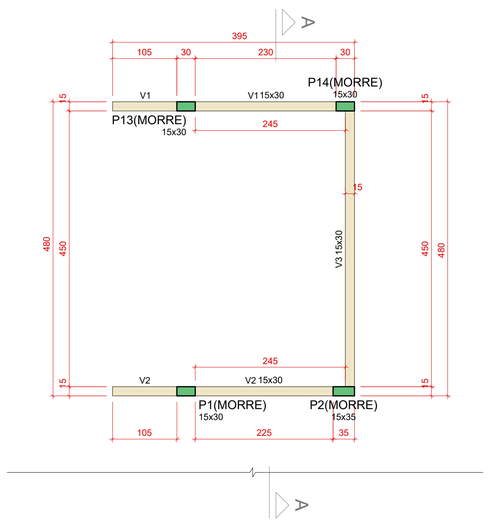
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	230	77	17710
	2	5.0	33	101	3333
	3	5.0	23	87	2001
	4	5.0	2	238	476
	5	5.0	2	241	482
	6	5.0	2	231	462
	7	5.0	2	230	460
CA50	8	6.3	80	102	8160
	9	6.3	12	339	4068
	10	6.3	6	419	2514
	11	10.0	8	389	3112
	12	10.0	2	411	822
	13	10.0	2	434	868
	14	10.0	2	434	868
	15	10.0	2	234	468
	16	10.0	2	257	514
	17	10.0	2	322	644
	18	10.0	2	444	888
	19	10.0	1	155	155
	20	10.0	2	435	870
	21	10.0	2	506	1012
	22	10.0	2	179	358
	23	10.0	4	158	632
	24	10.0	2	919	1838
	25	10.0	2	522	1044
	26	10.0	1	185	185
	27	10.0	1	195	195
	28	10.0	2	725	1450
	29	10.0	1	131	131
	30	10.0	2	181	362
	31	10.0	3	428	1284
	32	12.5	1	337	337
	33	12.5	2	456	912
	34	12.5	2	215	430
	35	12.5	1	162	162
	36	12.5	1	166	166
	37	12.5	4	486	1944
	38	12.5	2	225	450
	39	12.5	1	167	167
	40	12.5	1	171	171
	41	12.5	1	258	258
	42	12.5	2	433	866
	43	12.5	2	108	216
	44	12.5	2	107	214
	45	12.5	3	464	1392

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	147.4	39.7
	10.0	177	120
	12.5	76.9	81.4
CA60	5.0	249.2	42.3
PESO TOTAL (kg)			
CA50	241.2		
CA60	42.3		

Volume de concreto (C-30) = 2.53 m³
Área de forma = 38.34 m²





Planta de fôrma - pavimento intermediário cobertura (nível 400)
Esc: 1/50

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15x30	0	400
P2	15x35	0	400
P7	17x30	0	400
P8	17x35	0	400
P9	17x30	0	400
P10	17x35	0	400
P13	15x30	0	400
P14	15x30	0	400

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	15x30	0	400
V2	15x30	0	400
V3	15x30	0	400

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
300	268384

Dimensão máxima do agregado = 19 mm

Legenda dos pilares
Pilar que morre
Pilar que passa

Legenda das vigas e paredes
Viga

PROJETO ESTRUTURAL

AMAI
ASSOCIAÇÃO DOS MUNICÍPIOS DO ALTO IRANI

Obra:
CENTRO COMUNITÁRIO B. NOSSA SRA. DE FÁTIMA
Rua Cruz e Souza- Lotes 23 e 25 - Quadra "B" - B. N. Sra. Fátima - Xanxerê/SC

Data: 09/2025

Resp. Técnico:
TANIA MARA BALDISSERA:07004476952
Assinado de forma digital por TANIA MARA BALDISSERA:07004476952
Dados: 2025.09.11 10:55:51 -03'00'
Tânia Mara Baldissera - Engenheira Civil - CREA-SC 133.907-5

Escala: Indicada

Área: 113,00 m²

Município:
Município Xanxerê/SC - CNPJ: 83.009.860/0001-13

Desenho: Tânia

Especificação: Planta de fôrma - pavimento intermediário cobertura (nível 400)
Vigas - pavimento térreo (nível 300)

Prancha: EST 07/08