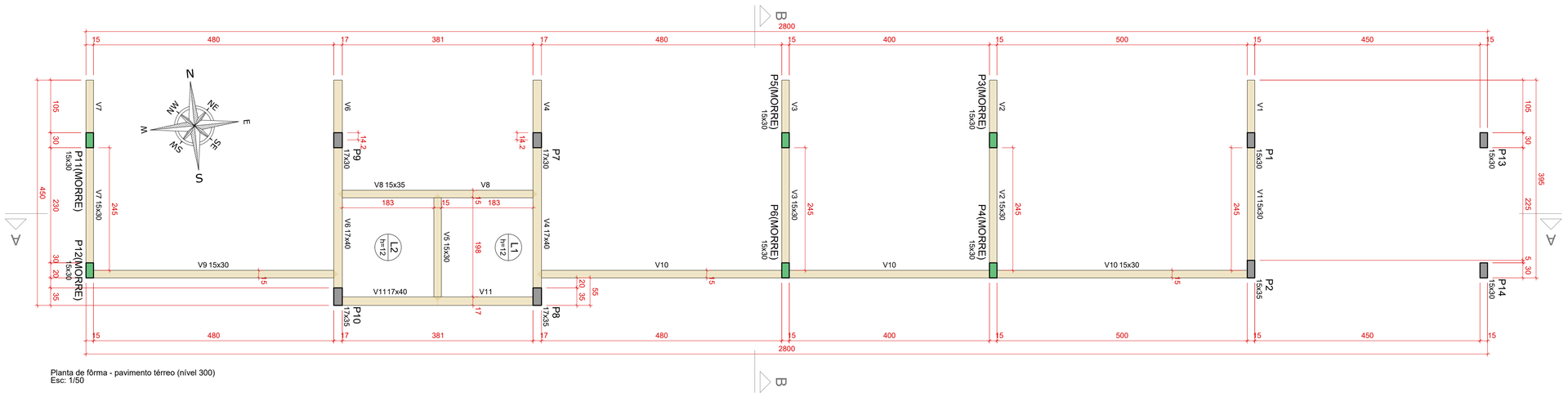


Planta de fôrma - pavimento térreo (nível 300)
Esc: 1/50

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15x30	0	300
P2	15x35	0	300
P3	15x30	0	300
P4	15x30	0	300
P5	15x30	0	300
P6	15x30	0	300
P7	17x30	0	300
P8	17x35	0	300
P9	17x30	0	300
P10	17x35	0	300
P11	15x30	0	300
P12	15x30	0	300
P13	15x30	0	300
P14	15x30	0	300

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
G1	T16x3.2	0	300
V1	15x30	0	300
V2	15x30	0	300
V3	15x30	0	300
V4	17x40	0	300
V5	15x30	0	300
V6	17x40	0	300
V7	15x30	0	300
V8	15x35	0	300
V9	15x30	0	300
V10	15x30	0	300
V11	17x40	0	300

Lajes									
Dados						Sobrecarga (kgf/m²)			
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kgf/m²)	Adicional	Acidental	Localizada	Água
L1	Maciça	12	0	300	300	137	150	-	1000
L2	Maciça	12	0	300	300	137	150	-	1000

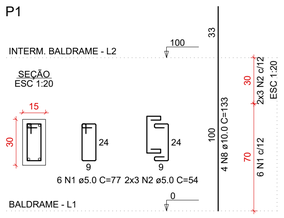
Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
300	268384

Dimensão máxima do agregado = 19 mm

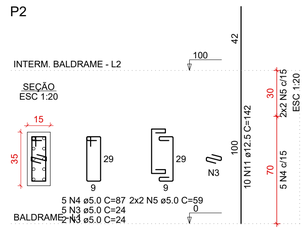
Legenda dos pilares
Pilar que morre
Pilar que passa

Legenda das vigas e paredes
Viga

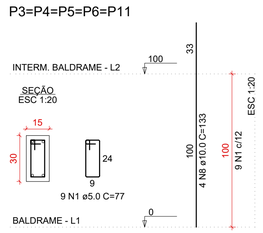
P1



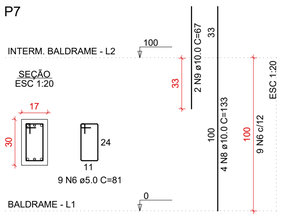
P2



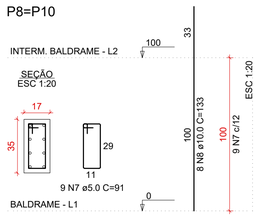
P3=P4=P5=P6=P11



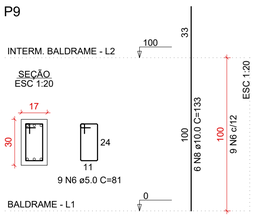
P7



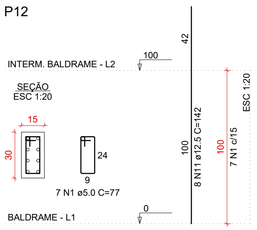
P8=P10



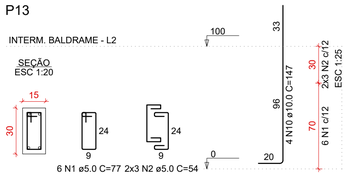
P9



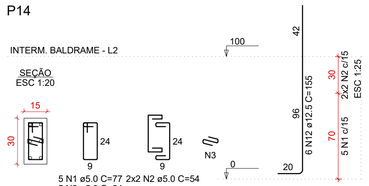
P12



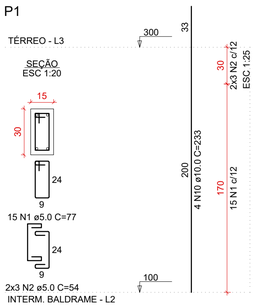
P13



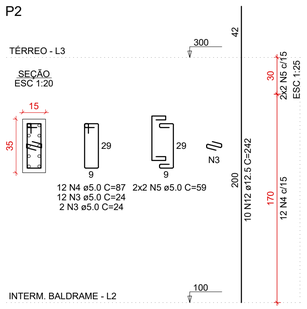
P14



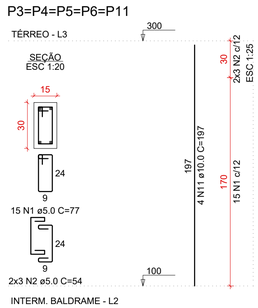
P1



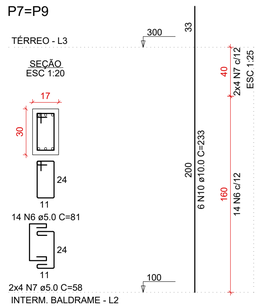
P2



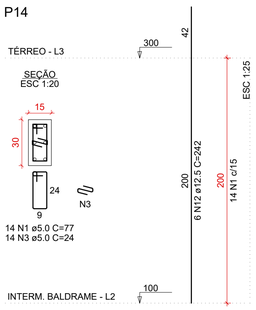
P3=P4=P5=P6=P11



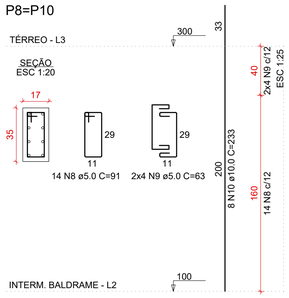
P7=P9



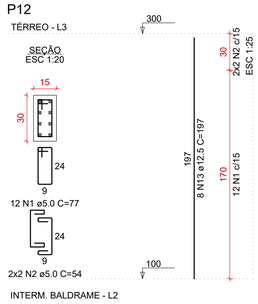
P14



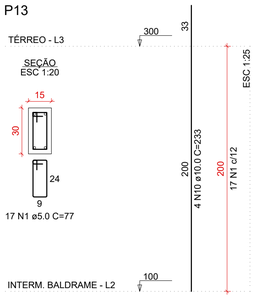
P8=P10



P12



P13



RELAÇÃO DO AÇO - Pilares inermediários baldrame

P1 P2 5xP3
P7 2xP8 P9
P12 P13 P14

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	69	77	5313
	2	5.0	16	54	864
	3	5.0	14	24	336
	4	5.0	5	87	435
	5	5.0	4	59	236
	6	5.0	18	81	1458
	7	5.0	18	91	1638
CA50	8	10.0	50	133	6650
	9	10.0	2	67	134
	10	10.0	4	147	588
	11	12.5	18	142	2556
	12	12.5	6	155	930

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	73.7	50
	12.5	34.9	36.9
CA60	5.0	102.8	17.4
PESO TOTAL (kg)			
CA50	86.9		
CA60	17.4		

Volume de concreto (C-30) = 0.63 m³
Área de forma = 12.16 m²

RELAÇÃO DO AÇO - Pilares

P1 P2 5xP3
2xP7 2xP8 P12
P13 P14

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	133	77	10241
	2	5.0	40	54	2160
	3	5.0	28	24	672
	4	5.0	12	87	1044
	5	5.0	4	59	236
	6	5.0	28	81	2268
	7	5.0	16	58	928
	8	5.0	28	91	2548
	9	5.0	16	63	1008
CA50	10	10.0	36	233	8388
	11	10.0	20	197	3940
	12	12.5	16	242	3872
	13	12.5	8	197	1576

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	123.3	83.6
	12.5	54.5	57.7
CA60	5.0	211.1	35.8
PESO TOTAL (kg)			
CA50	141.3		
CA60	35.8		

Volume de concreto (C-30) = 1.36 m³
Área de forma = 26.12 m²

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 10:54:51 -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 térreo (nível 300)
Pilares - pavimento intermediário baldrame (nível 100)
Pilares - pavimento intermediário térreo (nível 300)

Prancha: EST 05/08