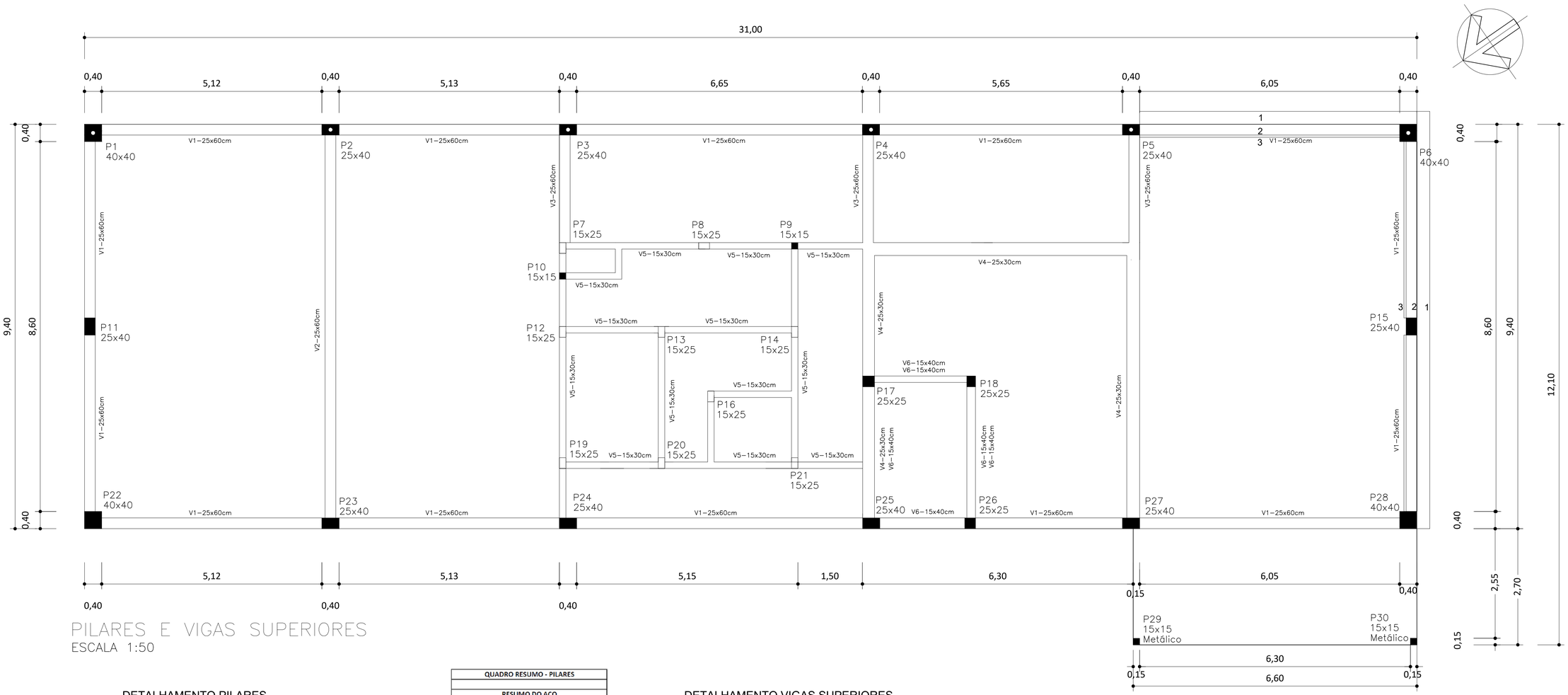
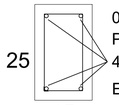
ANEXO XXI



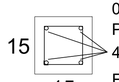
PILARES E VIGAS SUPERIORES

ESCALA 1:50

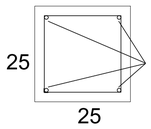
DETALHAMENTO PILARES



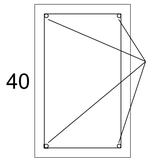
09 Unidades
P7,P8,P12,P13,P14,P16,P19,P20,P21
4 ø 10.0 mm
Estribos ø 5.0 mm c/ 15 cm



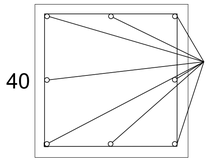
02 Unidades
P9,P10
4 ø 10.0 mm
Estribos ø 5.0 mm c/ 15 cm



03 Unidades
P17,P18,P26
4 ø 12.5 mm
Estribos ø 5.0 mm c/ 15 cm



10 Unidades
P2,P3,P4,P5,P11,P15,P23,P24,P25,P27
4 ø 12.5 mm
Estribos ø 5.0 mm c/ 15 cm



04 Unidades
P1,P6,P22,P28
4 ø 12.5 mm + 4Ø10.0mm
Estribos ø 5.0 mm c/ 15 cm

QUADRO RESUMO - PILARES

RESUMO DO AÇO			
AÇO	DIAMETRO (mm)	C. TOTAL (m)	Peso (kg)
CA 50	8.0	0,00	0,00
	10.0	320,40	198,65
	12.5	238,00	228,48
CA 60	5.0	805,61	157,90

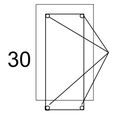
PESO TOTAL (kg)	
CA 50	427,13
CA 60	157,90
Volume de Concreto (fck 25 Mpa) (m³)	7,68
Área de forma (m²)	114,48

QUADRO RESUMO - VIGAS SUPERIORES

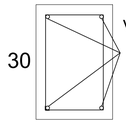
RESUMO DO AÇO			
AÇO	DIAMETRO (mm)	C. TOTAL (m)	Peso (kg)
CA 50	8.0	192,25	76,90
	10.0	459,42	284,84
	12.5	586,85	563,38
CA 60	5.0	1952,04	382,60

PESO TOTAL (kg)	
CA 50	925,12
CA 60	382,60
Volume de Concreto (fck 25 Mpa) (m³)	20,87
Área de forma (m²)	227,2

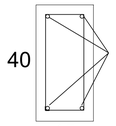
DETALHAMENTO VIGAS SUPERIORES



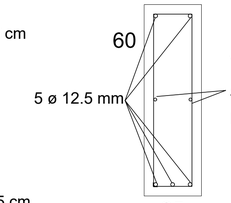
V5
4 ø 10.0 mm
Estribos ø 5.0 mm c/ 15 cm



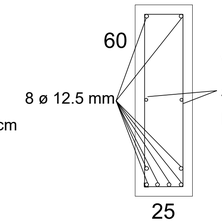
V4
4 ø 10.0 mm
Estribos ø 5.0 mm c/ 15 cm



V6
4 ø 12.5 mm
Estribos ø 5.0 mm c/ 15 cm



V1,V3
Armadura de pele 2 ø 10.0 mm
Estribos ø 5.0 mm c/ 15 cm



V2
Armadura de pele 2 ø 10.0 mm
Estribos ø 5.0 mm c/ 15 cm

PREFEITURA MUNICIPAL DE FAXINAL DO SOTURNO
Secretaria de Obras e Serviços Públicos

APROVADO

Faxinal do Soturno, RS.

CARLOS AUGUSTO PRETZEL:02809011001 — Assinado de forma digital por CARLOS AUGUSTO PRETZEL:02809011001 Dados: 2023.10.03 16:20:48 -03'00'

Carlos Augusto Pretzel
Engenheiro Civil - CREA-RS 202.735

PROPRIETÁRIO
PREFEITURA MUNICIPAL DE FAXINAL DO SOTURNO

REVITALIZAÇÃO DA PRAÇA VICENTE PALOTTI

DISCRIMINAÇÃO
PROJETO COMPLEMENTAR - ESTRUTURAL - PILARES E VIGAS

DATA	DESENHO	ESCALA	ÁREA	PRANCHA
JUNHO/2023	LETÍCIA B. F.	1/50	291,40 m²	03/07

CARLOS AUGUSTO PRETZEL:02809011001 — Assinado de forma digital por CARLOS AUGUSTO PRETZEL:02809011001 Dados: 2023.10.03 16:21:04 -03'00'

RESPONSÁVEL TÉCNICO
Engenheiro Civil CARLOS AUGUSTO PRETZEL CREA/RS 202735

CLOVIS ALBERTO MONTAGNER:19681399072 — Assinado de forma digital por CLOVIS ALBERTO MONTAGNER:19681399072 Dados: 2023.10.03 16:32:55 -03'00'

PREFEITO MUNICIPAL
SR. CLOVIS ALBERTO MONTAGNER