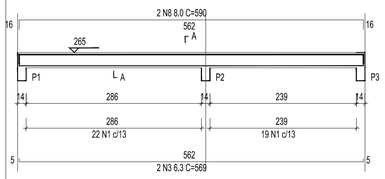
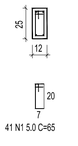
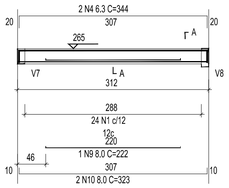
V1
ESC 1:50



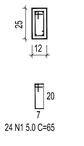
SEO A-A
ESC 1:25



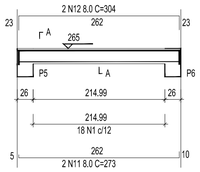
V2
ESC 1:50



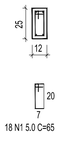
SEO A-A
ESC 1:25



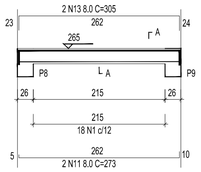
V3
ESC 1:50



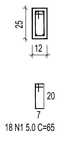
SEO A-A
ESC 1:25



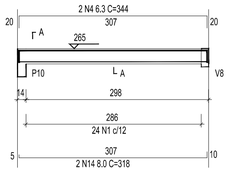
V4
ESC 1:50



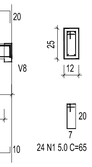
SEO A-A
ESC 1:25



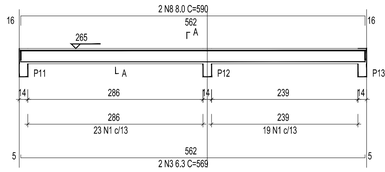
V5
ESC 1:50



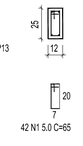
SEO A-A
ESC 1:25



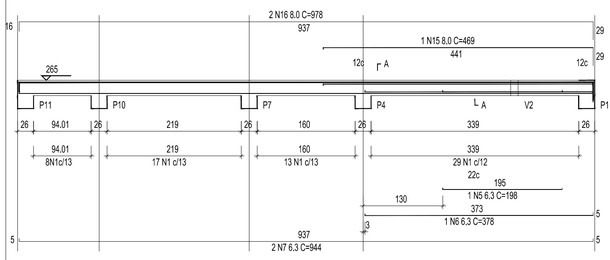
V6
ESC 1:50



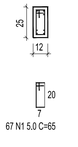
SEO A-A
ESC 1:25



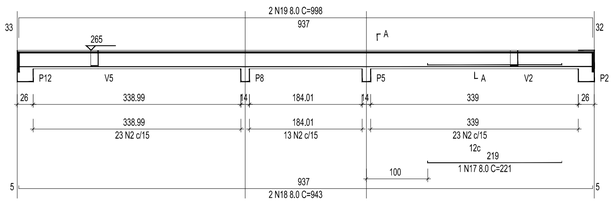
V7
ESC 1:50



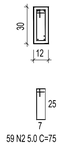
SEO A-A
ESC 1:25



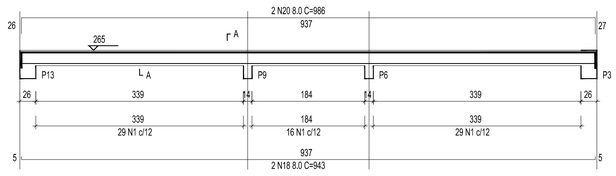
V8
ESC 1:50



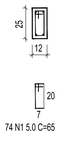
SEO A-A
ESC 1:25



V9
ESC 1:50



SEO A-A
ESC 1:25



RELAO DO AO - VIGAS NVEL 1 TETO

V1 V2 V3
V4 V5 V6
V7 V8 V9

AO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	308	65	20020
	2	5.0	59	75	4425
CA50	3	6.3	4	569	2276
	4	6.3	4	344	1376
	5	6.3	1	198	198
	6	6.3	1	378	378
	7	6.3	2	944	1888
	8	8.0	4	590	2360
	9	8.0	1	222	222
	10	8.0	2	323	646
	11	8.0	4	273	1092
	12	8.0	2	304	608
	13	8.0	2	305	610
	14	8.0	2	318	636
	15	8.0	1	469	469
	16	8.0	2	978	1956
	17	8.0	1	221	221
	18	8.0	4	943	3772
	19	8.0	2	998	1996
	20	8.0	2	986	1972

RESUMO DO AO

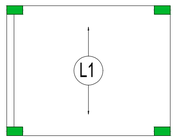
AO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	61.2	15
	8.0	165.6	65.3
CA60	5.0	244.5	37.7

PESO TOTAL (kg)	
CA50	80.3
CA60	37.7

Volume de concreto (C-20) = 1.78 m
rea de forma = 32.67 m

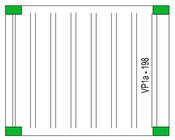
ATENO:
Prever armaduras de esperas e respectivos pilares de amarrao das paredes laterais junto ao telhado (oito), conforme mtodo construtivo empregado.

Prever eventuais estruturas adicionais de pilares e viga para o telhado, conforme mtodo construtivo empregado.



Armao positiva das lajes do pavimento Nivel 1 Teto

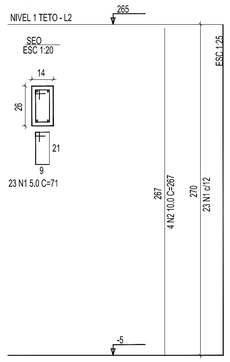
escala 1:50



Planta de vigotas pr-moldadas

escala 1:50

P1=P2=P3=P4=P5=P6=P7=
=P8=P9=P10=P11=P12=
=P13



RELAO DO AO - PILARES NVEL 1 TETO

13xP1

AO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	299	71	21229
CA50	2	10.0	52	267	13884

RESUMO DO AO

AO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	138.8	85.6
CA60	5.0	212.3	32.7

PESO TOTAL (kg)	
CA50	85.6
CA60	32.7

Volume de concreto (C-20) = 1.28 m
rea de forma = 28.08 m

gov.br Documento assinado digitalmente
JOAO PEDRO DA SILVA FIDELIS
Data: 13/10/2025 23:34:49-0300
Verifique em https://validar.iti.gov.br

Minha Casa Minha Vida · NOVO PAC · CAIXA · GOVERNO FEDERAL BRASIL UNIÃO E RECONSTRUÇÃO

BENEDITO CARLOS PEREIRA:51722143649

Assinado de forma digital por BENEDITO CARLOS PEREIRA:51722143649
Dados: 2026.10.22 08:46:17 -03'00'

Novo PAC FHNIS Sub50

ANTEPROJETO ESTRUTURAL

PLANTA DE ARMADURAS
NVEL 1 TETO

RT: João Pedro da Silva Fidélis CREA-MG 426678

Escala: Indicada | Reviso: 00 | DESENHO 01

30/10/2025 | Unidade: | FOLHA 03/03

FORMATO A1 - INTERNO: 801 x 574 mm.
EXTERNO: 841 x 594 mm.