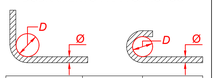
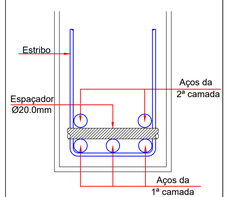
DIÂMETRO (D) DOS PINOS DE DOBRAMENTO PARA GANCHOS

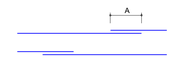


BITOLA (Ø)	CA50	CA60
<20mm	5xØ	6xØ
≥20mm	8xØ	—
estribo ≤10mm	3xØ	3xØ

NBR-6118



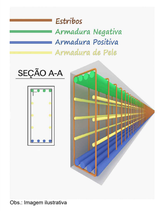
TRASPASSE DE VIGAS



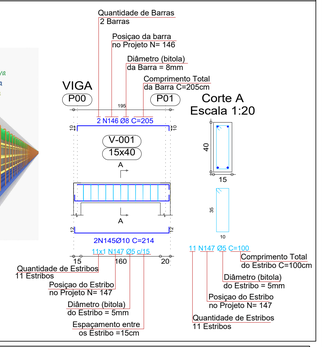
Devem ser alternados

Bitola (mm)	A (cm)
Ø6.3	40
Ø8.0	50
Ø10.0	55
Ø12.5	70
Ø16.0	80

Detalhe Armação Vigas



Obs.: Imagem ilustrativa

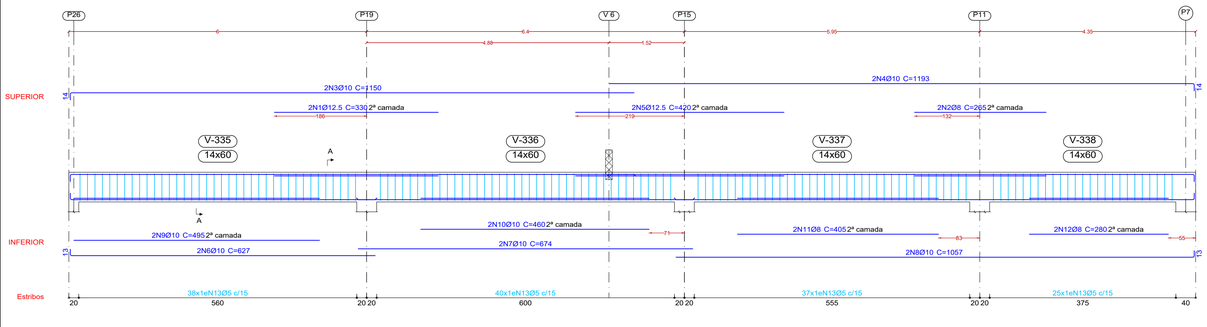


Piso 3
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25

Resumo Aço Desenho de vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø8	139.8	61	
	Ø10	589.3	399	
	Ø12.5	370.2	392	
	Ø16	107.6	187	1039
CA-60	Ø5	1566.8	271	271
Total				1310

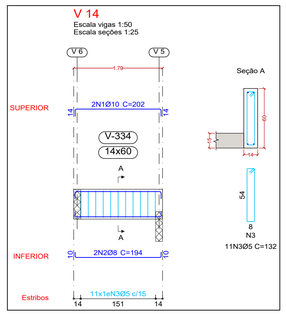
V 15

Escala vigas 1:50
Escala seções 1:25



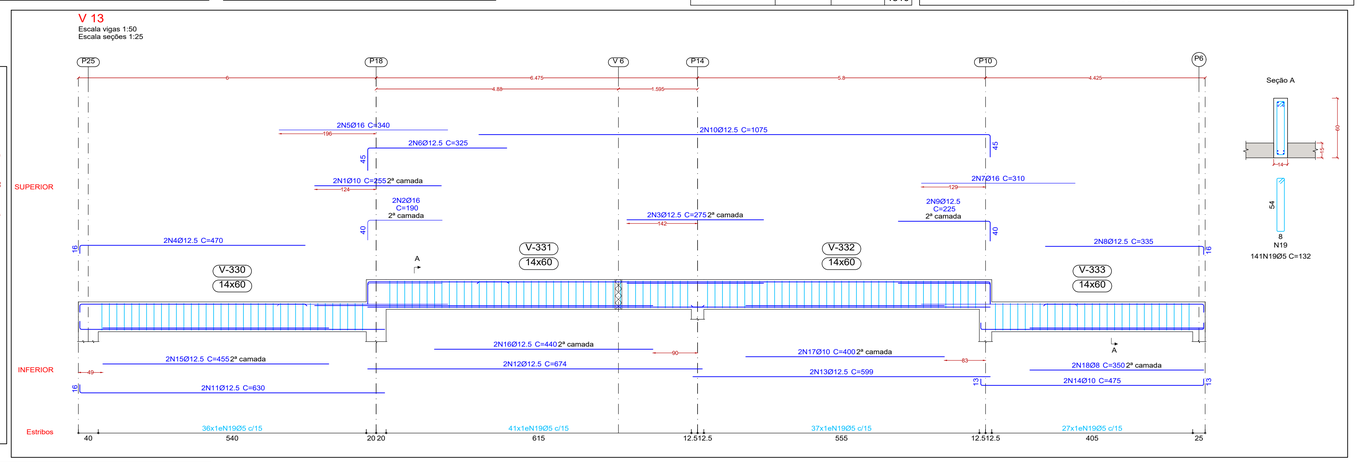
V 14

Escala vigas 1:50
Escala seções 1:25



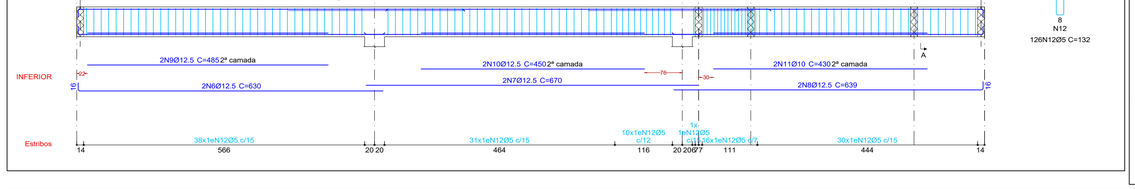
V 13

Escala vigas 1:50
Escala seções 1:25



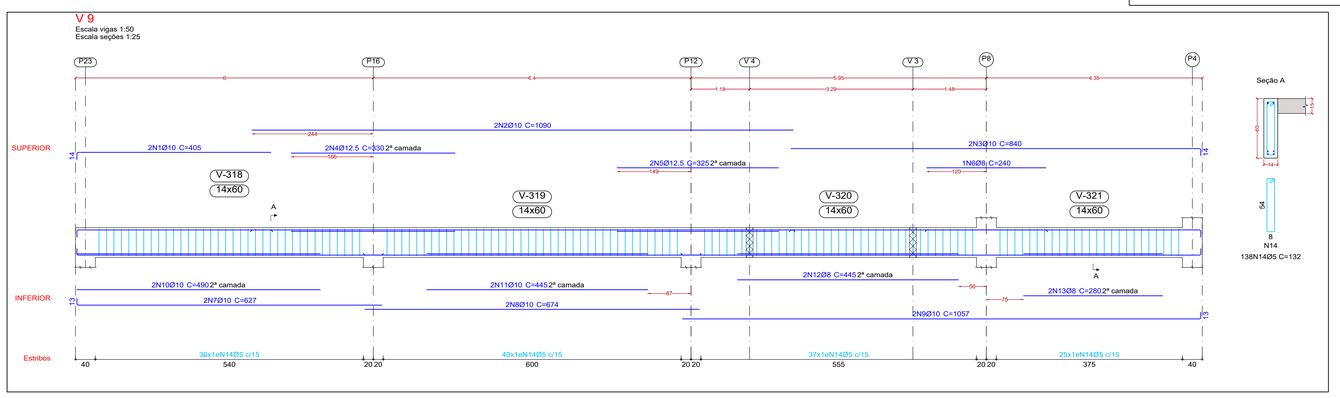
V 12

Escala vigas 1:50
Escala seções 1:25



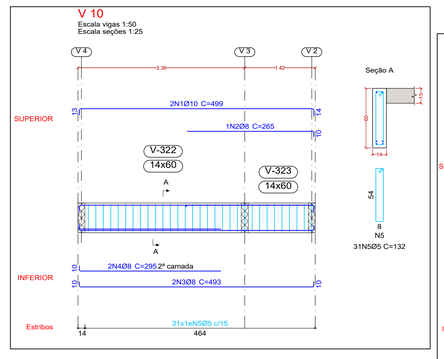
V 9

Escala vigas 1:50
Escala seções 1:25



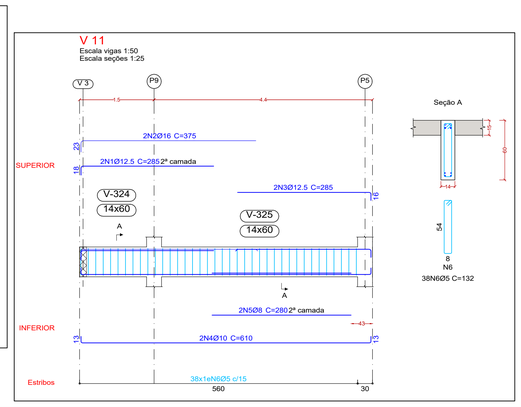
V 10

Escala vigas 1:50
Escala seções 1:25



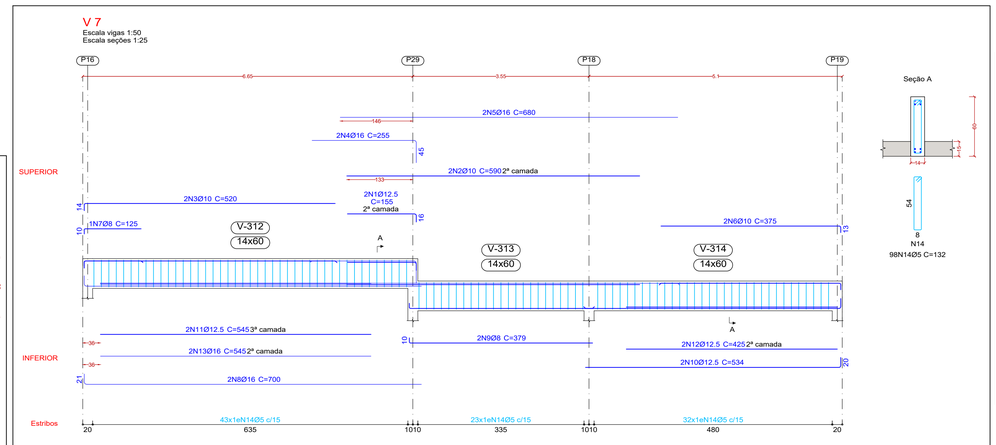
V 11

Escala vigas 1:50
Escala seções 1:25



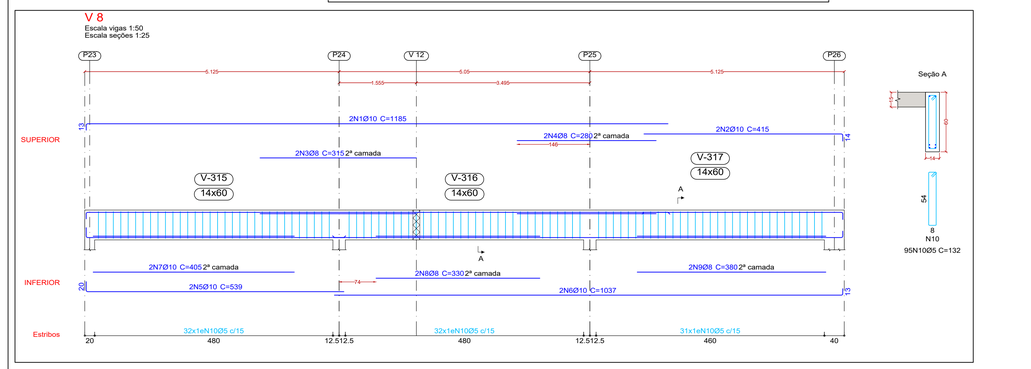
V 7

Escala vigas 1:50
Escala seções 1:25



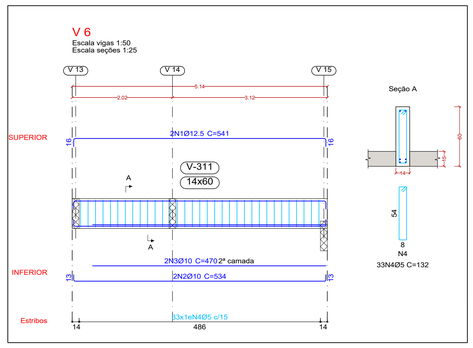
V 8

Escala vigas 1:50
Escala seções 1:25



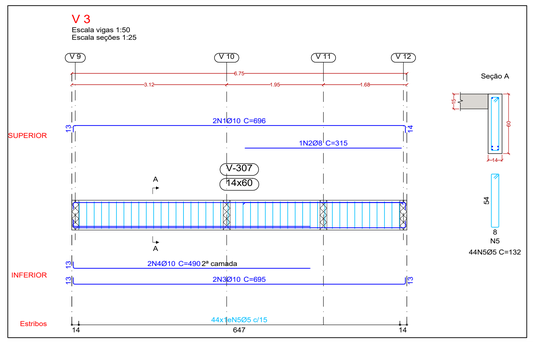
V 6

Escala vigas 1:50
Escala seções 1:25



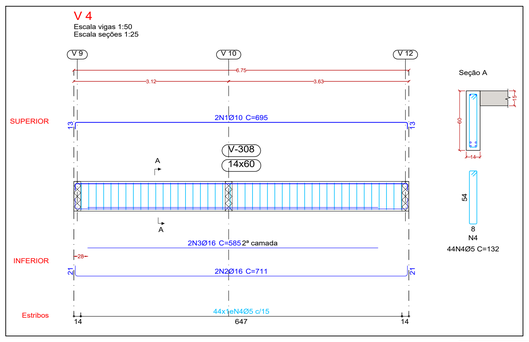
V 3

Escala vigas 1:50
Escala seções 1:25



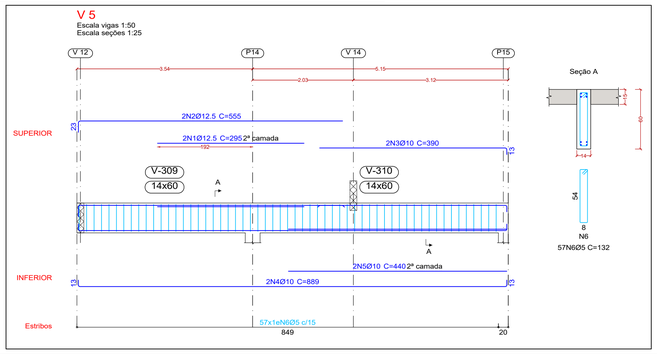
V 4

Escala vigas 1:50
Escala seções 1:25



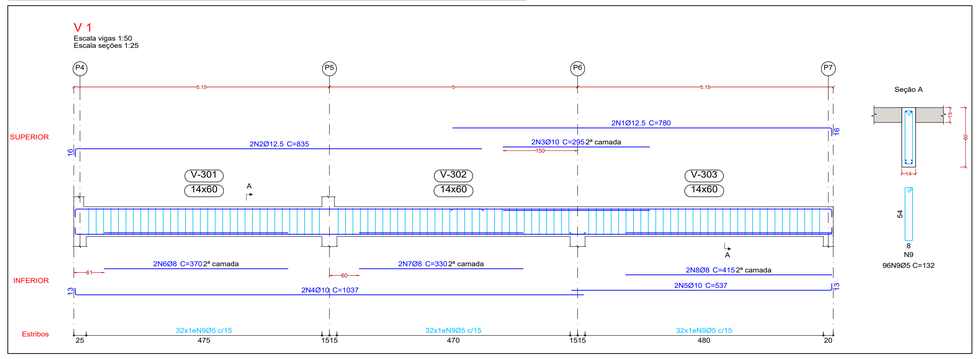
V 5

Escala vigas 1:50
Escala seções 1:25



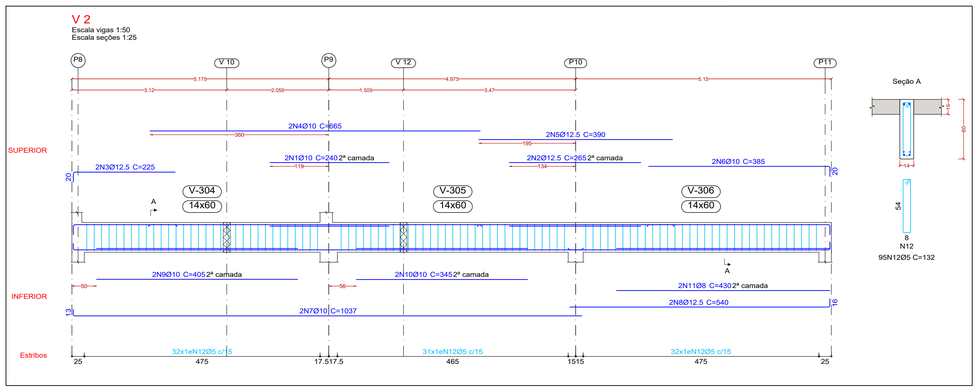
V 1

Escala vigas 1:50
Escala seções 1:25



V 2

Escala vigas 1:50
Escala seções 1:25



Axial:t | nØxx(aa) aa | nØxx(aa+bb+cc) cc aa bb

PREFEITURA MUNICIPAL DE ARARANGUA - SC
SECRETARIA DE OBRAS, VIAÇÃO E SERVIÇOS URBANOS
RUA Dr. VIRGILINO DE QUEIZ, 200 - CENTRO
ADM. CESAR A. CESAR / CRISTIANO S. COSTA

UTILIZE O LEITOR DE QR CODE E ACESSE A MODELAGEM 3D DA ESTRUTURA

Projeto:
ESTRUTURAL - CONCRETO ARMADO
Prancha: 15 / 20
OBRA: Escola de Formação de Professores do Mun. de Araranguá
End.: Rua Giácomo Antônio Mazzuco, Cidade Alta, Araranguá/SC
Assunto:
- Vigas Piso 03, V1 ao V15
- Resumo de Aço Vigas Piso 03

Colaboradores:
- Michel Vieira do Canto | Eng. Civil Crea/SC 100827-6
- Isabella Biléssimo Colodel | Eng. Civil (em formação)
- Michelly Gaudino | Eng. Civil (em formação)

Revisão: R00 17/11/2025
Escala: INDICADA

Responsável Técnico:
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Eng. Civil Crea/SC 59257-2
KS ENGENHARIA LTDA
Assinado de forma digital por LUIS FERNANDO KLAR SERRANO:09001134415 Dados: 2025.11.20 17:55:06 -03'00'

Proprietário:
Município de Araranguá
CNPJ Nº. 82.911.249/0001-13

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