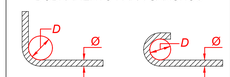
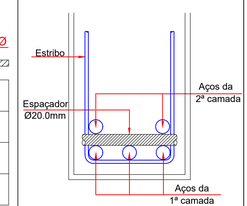
DIÂMETRO (*D*) DOS PINOS DE DOBRAMENTO PARA GANCHOS

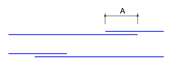


BITOLA (Ø)	CA50	CA60
<20mm	5xØ	6xØ
≥20mm	8xØ	—
estribo ≤10mm	3xØ	3xØ

NBR-6118



TRASPASSE DE VIGAS



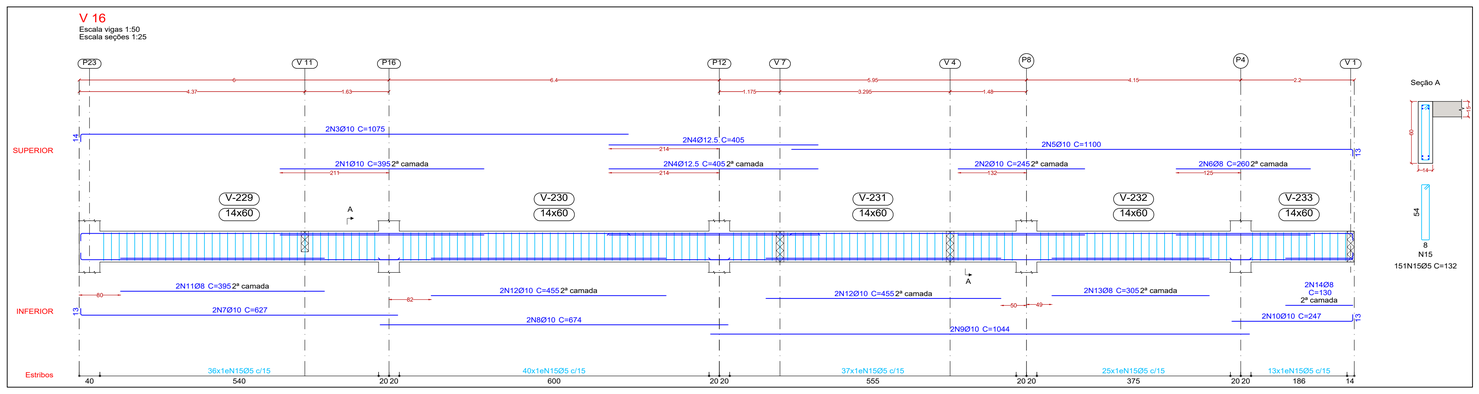
Devem ser alternados

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

Piso 2
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

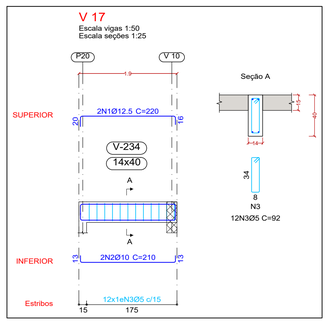
Resumo Aço Desenho de vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø6.3	242.9	65	
	Ø8	133.6	58	
	Ø10	663.5	450	
	Ø12.5	664.1	704	
	Ø16	253.7	441	1718
CA-60	Ø5	2340.5	404	404
Total				2122

V 16
Escala vigas 1:50
Escala seções 1:25



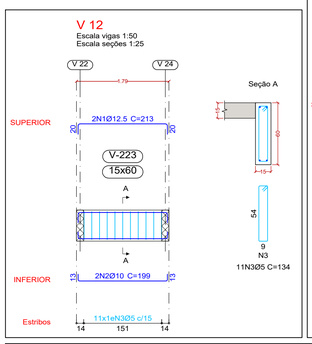
Seção A

V 17
Escala vigas 1:50
Escala seções 1:25



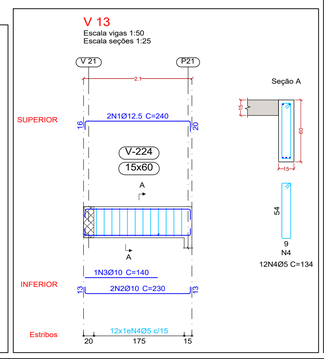
Seção A

V 12
Escala vigas 1:50
Escala seções 1:25



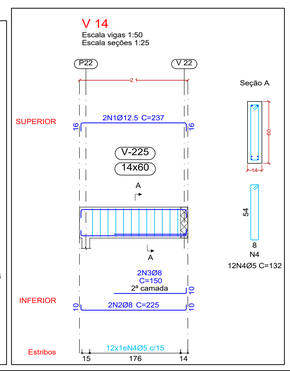
Seção A

V 13
Escala vigas 1:50
Escala seções 1:25



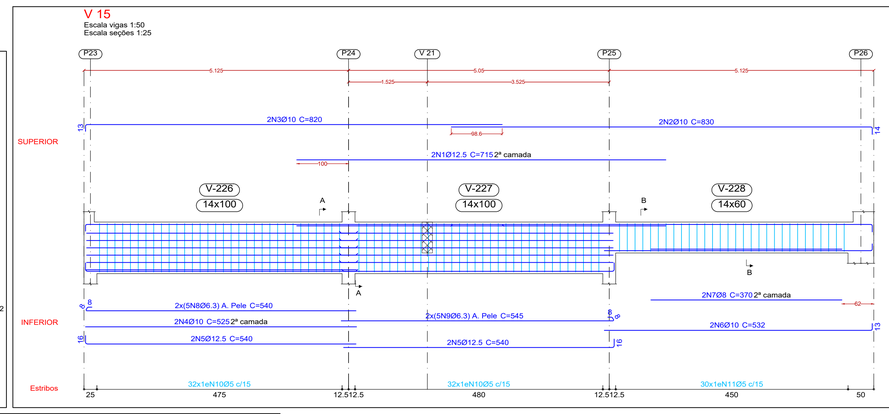
Seção A

V 14
Escala vigas 1:50
Escala seções 1:25

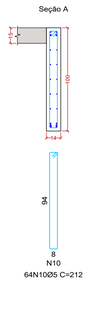


Seção A

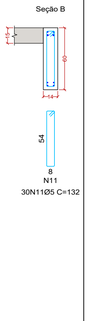
V 15
Escala vigas 1:50
Escala seções 1:25



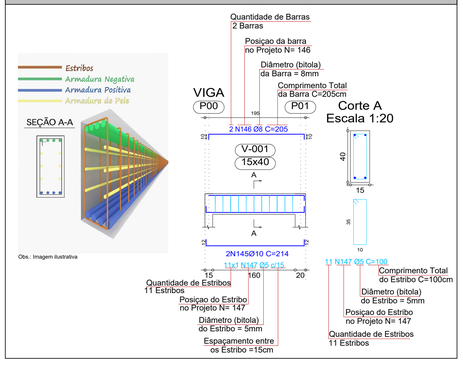
Seção A



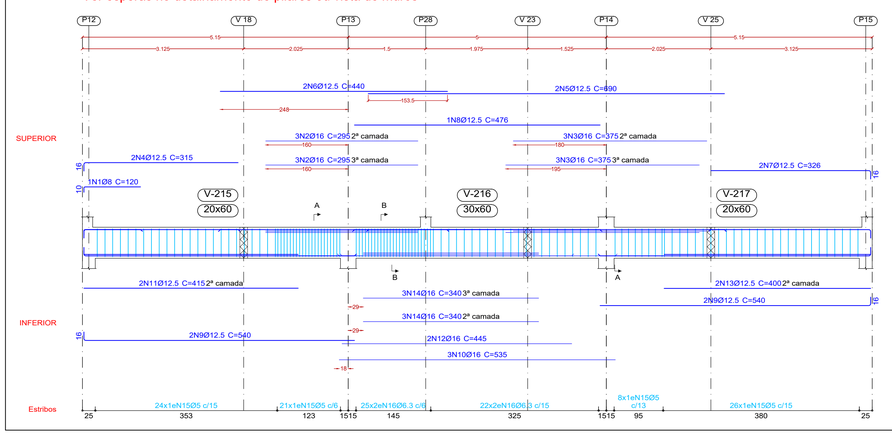
Seção B



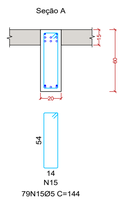
Detalhe Armação Vigas



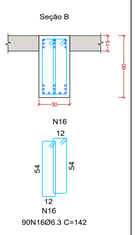
V 8
Escala vigas 1:50
Escala seções 1:25
Ver esperas no detalhamento de pilares ou vista de muros



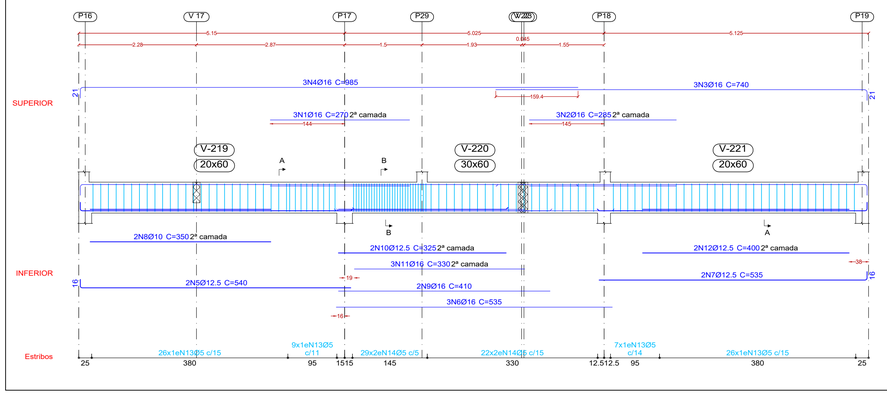
Seção A



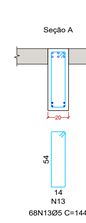
Seção B



V 10
Escala vigas 1:50
Escala seções 1:25
Ver esperas no detalhamento de pilares ou vista de muros



Seção A



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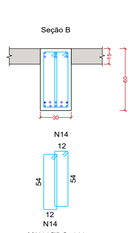
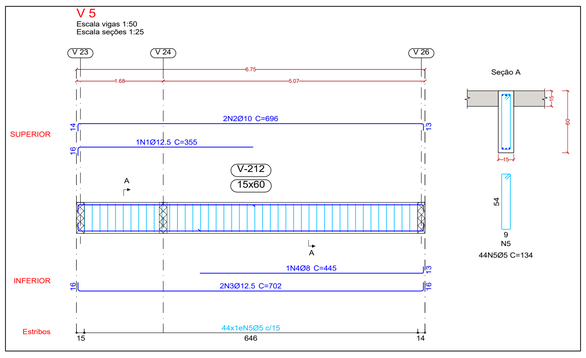
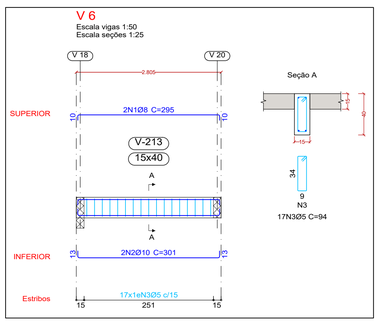


V 5
Escala vigas 1:50
Escala seções 1:25



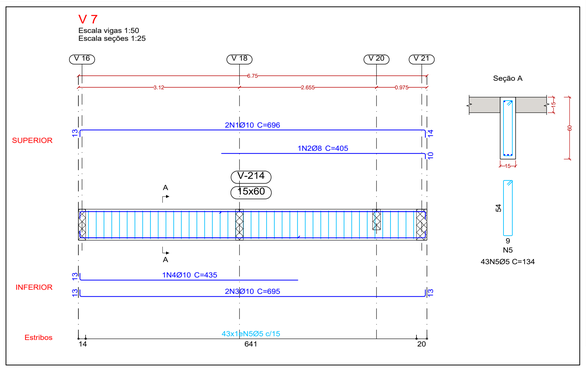
Seção A

V 6
Escala vigas 1:50
Escala seções 1:25



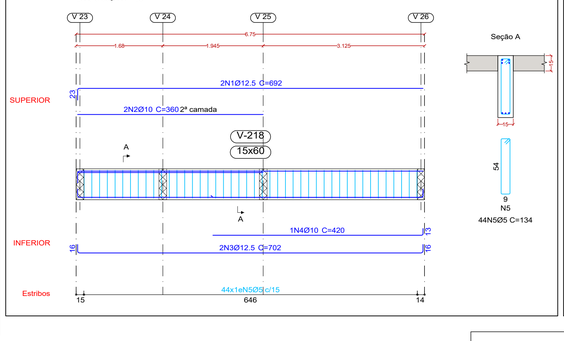
Seção A

V 7
Escala vigas 1:50
Escala seções 1:25



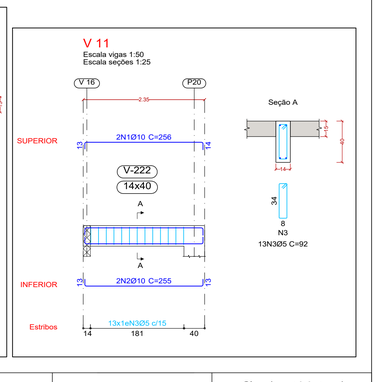
Seção A

V 9
Escala vigas 1:50
Escala seções 1:25



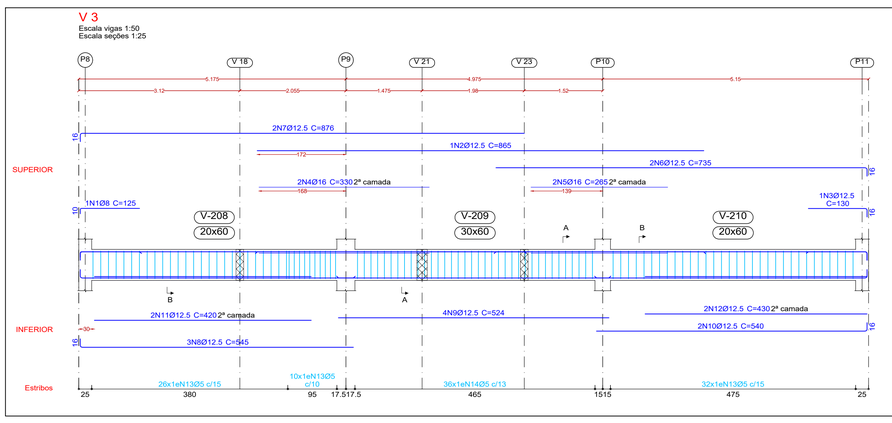
Seção A

V 11
Escala vigas 1:50
Escala seções 1:25



Seção A

V 3
Escala vigas 1:50
Escala seções 1:25



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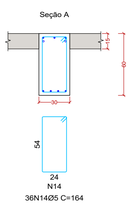

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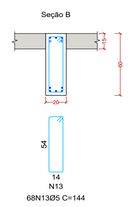
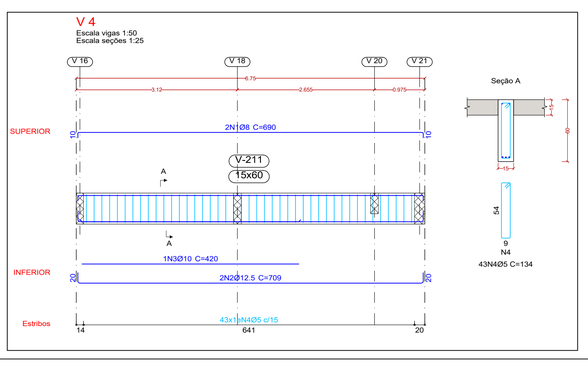
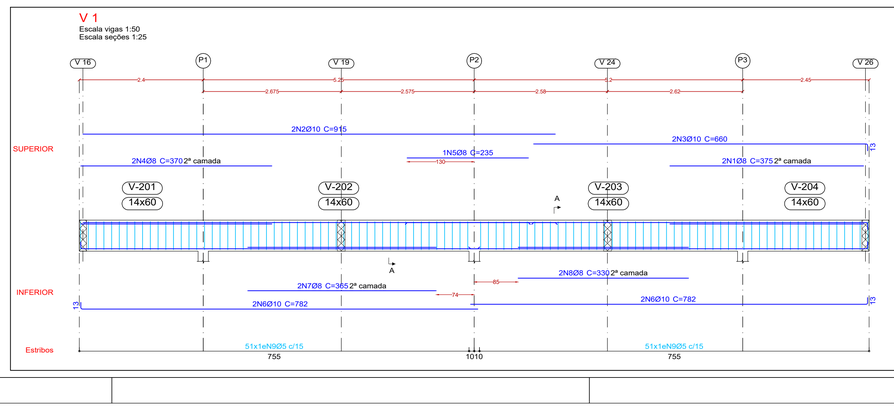


V 4
Escala vigas 1:50
Escala seções 1:25



Seção A

V 1
Escala vigas 1:50
Escala seções 1:25



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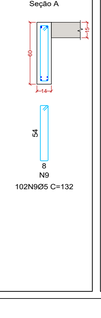

V 2
Escala vigas 1:50
Escala seções 1:25

Seção A

Axial:t

nØxx(aa)

nØxx(aa+bb+cc)

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

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

Projeto:
ESTRUTURAL - CONCRETO ARMADO

Prancha: 13 / 20

OBRA: Escola de Formação de Professores do Mun. de Araranguá
End.: Rua Giácomo Antônio Mazzuco, Cidade Alta, Araranguá/SC

Assunto:
- Vigas Piso 02, V1 AO V17
- Resumo de Aço Vigas Piso 02

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

Revisão: R00 17/11/2025
Escala: INDICADA

Responsável Técnico:
Luis Fernando Klar Serrano
Eng. Civil Crea/SC 59257-2
KS ENGENHARIA LTDA
Assinado de forma digital por LUIS FERNANDO KLAR SERRANO:05555334525 Dados: 2025.11.20 17:56:23 -03'00'

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

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