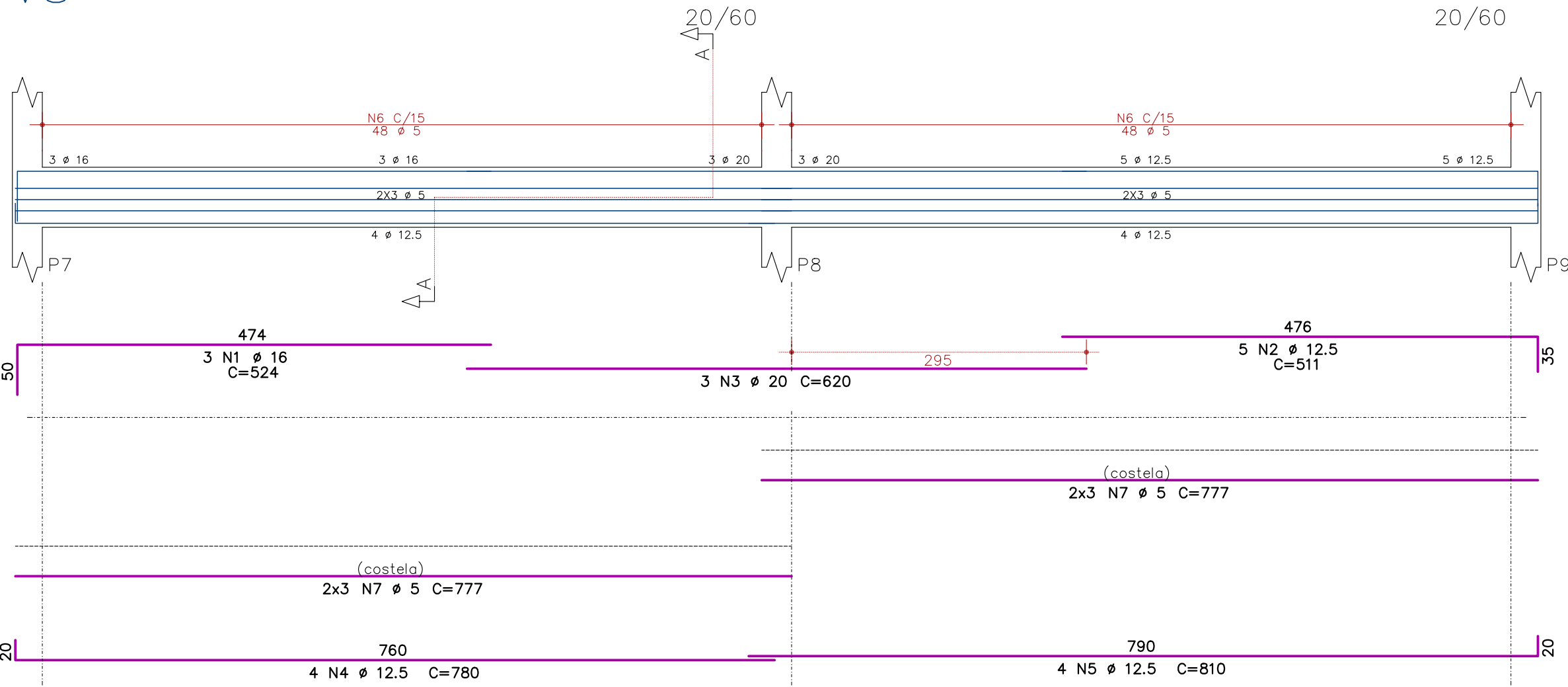
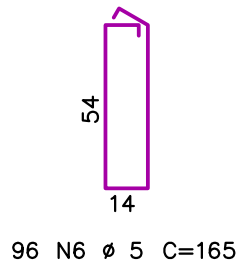
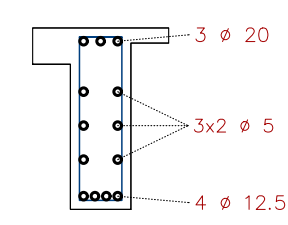


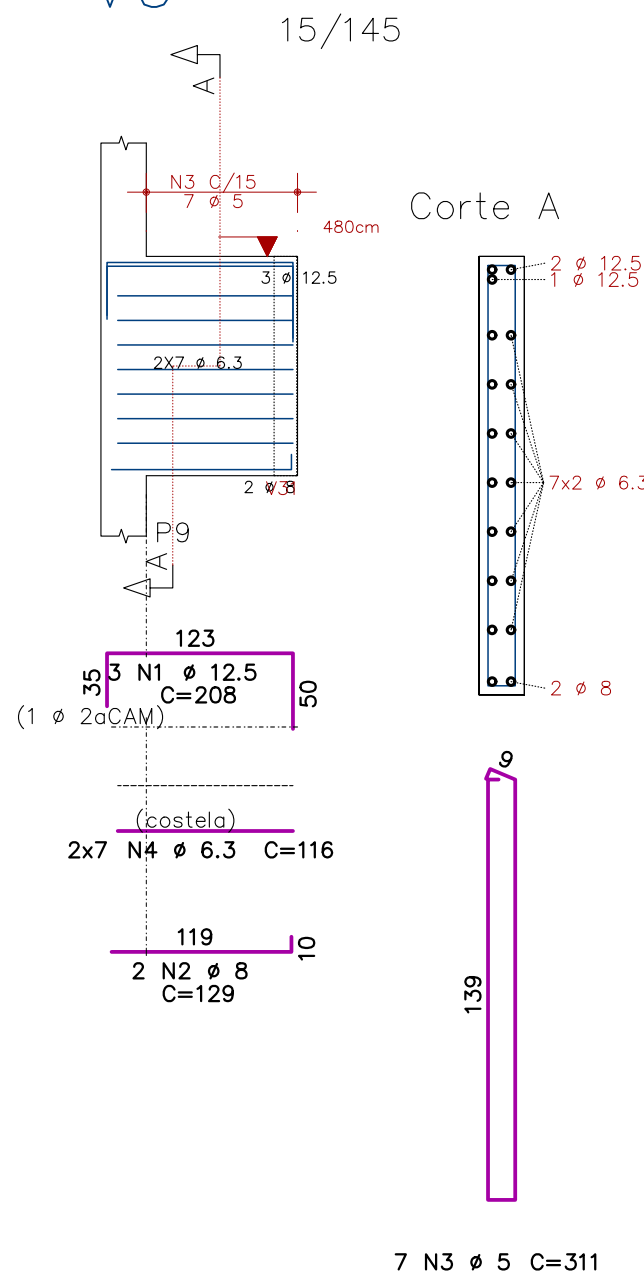
V8



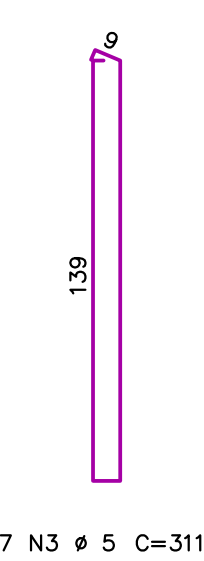
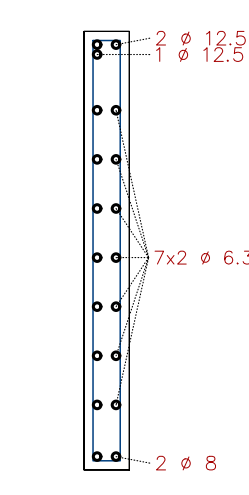
Corte A



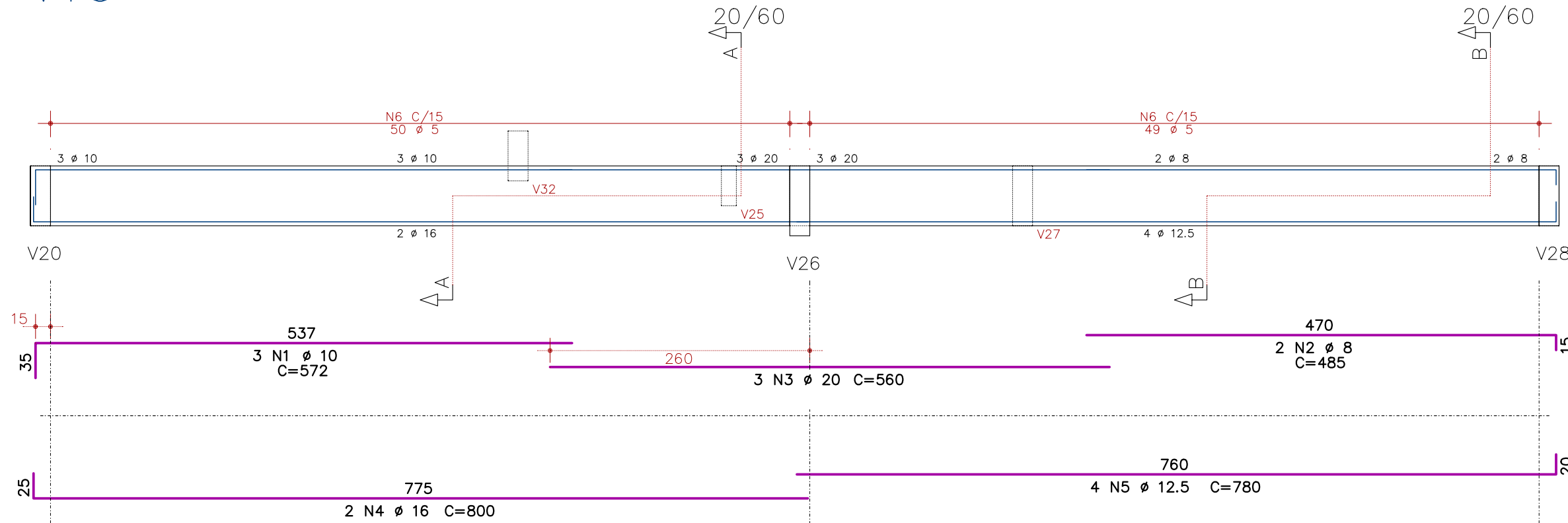
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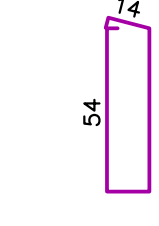
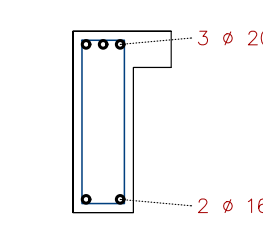
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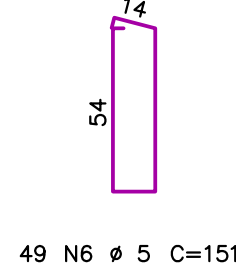
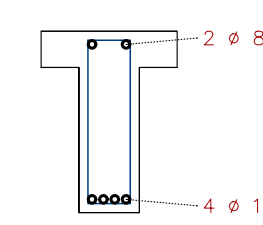
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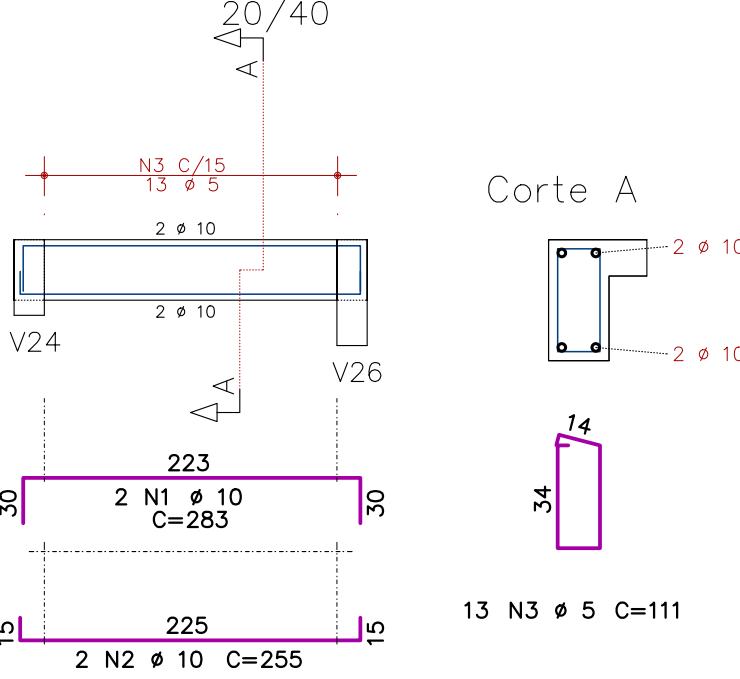
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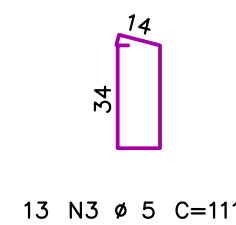
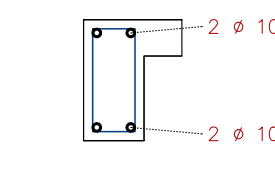
Corte B



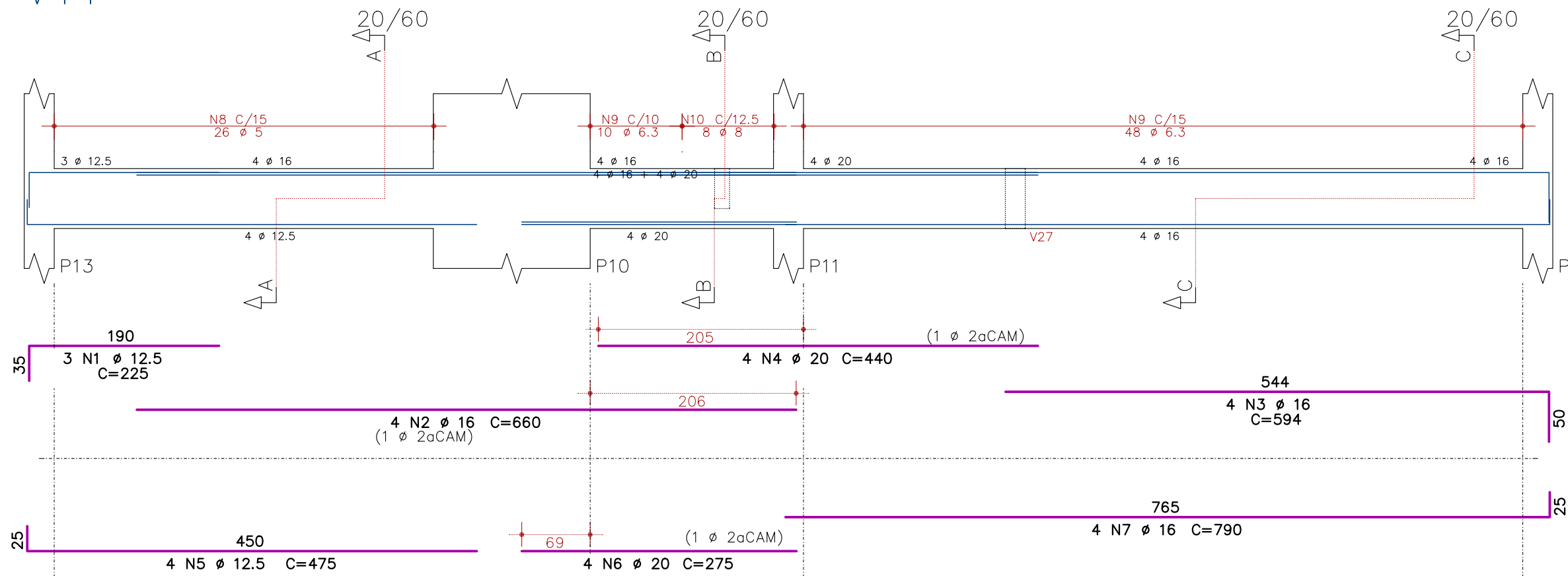
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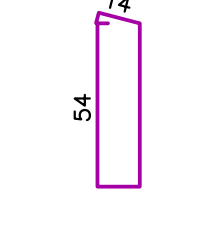
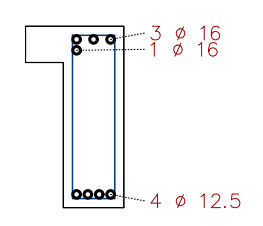
Corte A



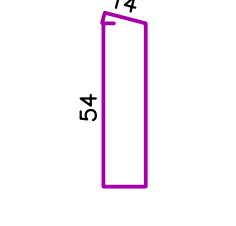
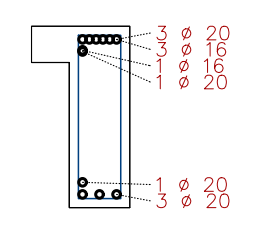
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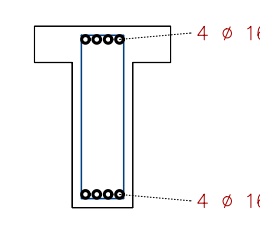
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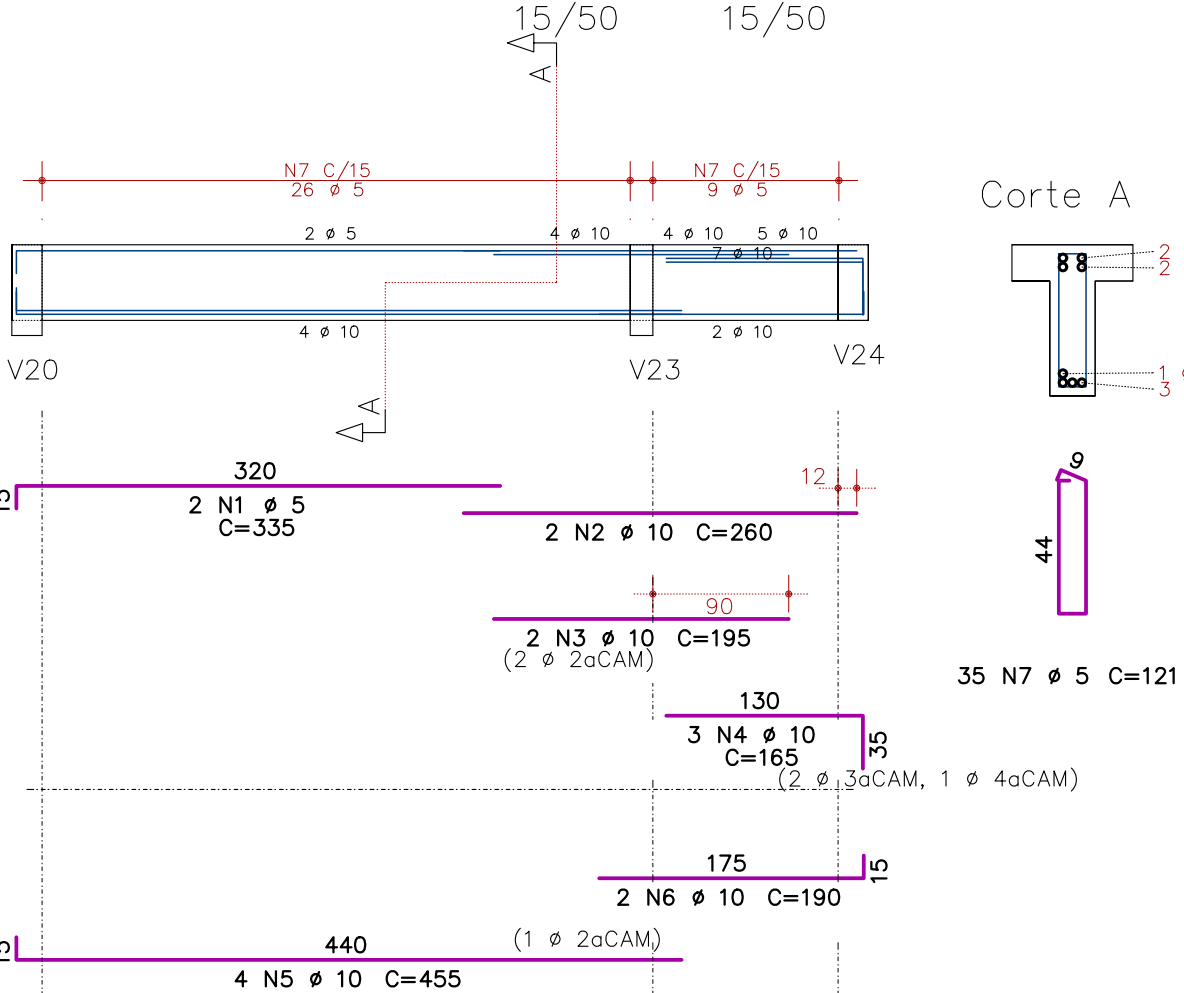
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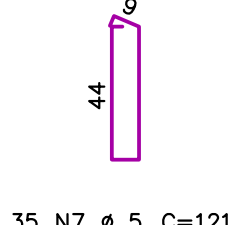
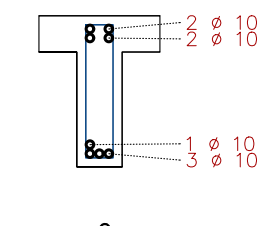
Corte C



V12



Corte A



## NOTAS GERAIS:

ESTRUTURAS EM CONCRETO

- DIMENSÕES EM "cm" (CENTÍMETROS), COTAS DE NÍVEL EM "m" (METROS).
- PARA O PROJETO DAS ESTRUTURAS DE CONCRETO FORAM CONSIDERADOS OS REQUISITOS DA NORMA ABNT 6118/2014, DEVENDO ESTA SER CONSIDERADA PELO EXECUTANTE DA OBRA.
- ALÉM DAS ESPECIFICAÇÕES INDICADAS DE FORMA EXPLÍCITA NAS PLANTAS DO PROJETO ESTRUTURAL, O EXECUTANTE DA ESTRUTURA DEVERÁ OBSERVAR RIGOROSAMENTE TODAS AS PRESCRIÇÕES DA NBR 6118/2014 E DEMAIS NORMAS PERTINENTES EM VIGÊNCIA.
- PARA QUAISQUER ALTERAÇÕES NESTE PROJETO, DEVERÁ SER CONTATADA PREVIAMENTE ESTA EMPRESA.
- CARACTERÍSTICAS GERAIS:
  - CLASSE DE AGRESSIVIDADE AMBIENTAL: CAA II
  - CLASSE DO CONCRETO: fck> 30MPa
  - COBRIMENTO DAS ARMADURAS PASSIVAS (cm)

LAJES	VIGAS	PILARES	FUNDAÇÕES
2,5	3,0	3,0	3,0

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
				cm	cm
V8					
	50A	1	16	3	524
	50A	2	12,5	5	511
	50A	3	20	3	620
	50A	4	12,5	4	780
	50A	5	12,5	4	810
	60B	6	5	96	165
60B	7	5	12	777	9324

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60B	5	526	81
50A	6,3	104	26
50A	8	25	10
50A	10	64	39
50A	12,5	152	147
50A	16	113	179
50A	20	64	158
Peso Total 60B =			81 kgf
Peso Total 50A =			558 kgf

REVISÃO		
REVISÃO		
REVISÃO		
REVISÃO		
REVISÃO		
EMIÇÃO INICIAL	22/06/2024	EMITIDO PARA COMENTÁRIOS
<div><div><div>SERVIÇO AUTÔNOMO MUNICIPAL DE ÁGUA E ESGOTO CAXIAS DO SUL - RS E-MAIL: samae@samaecoxias.com.br</div></div></div>		
CONTRATADA		
<div><div><div>SANTINI E ROCHA ARQUITETOS SOCIEDADE SIMPLES LTDA RUA MOSTARDEIRO, 992 - CONJ. 03 - PORTO ALEGRE/RS - BAIRRO INDEPENDÊNCIA - CEP 90430-000 FONE 051 3332-6911 CNPJ: 09.157.553/0001-45</div></div></div>		
ESPECIALIDADE		ETAPA
ESTRUTURAL		EXECUTIVO
RESPONSÁVEL TÉCNICO		EQUIPE
ENG. CIVIL AUGUSTO CÔRDOVA		ENG. CIVIL AUGUSTO CÔRDOVA
ENG. CIVIL GUSTAVO MANICA		ENG. CIVIL GUSTAVO MANICA
ENG. CIVIL REGIS FLORES		ENG. CIVIL REGIS FLORES
OBRA		
SEDE ADMINISTRATIVA SAMAE		
EDIFÍCIO AUXILIAR		
ENDEREÇO		
Rua Visconde de Pelotas, 2256, Madureira - Caxias do Sul/RS		
AUTOR DO ANTERPROJETO DE ARQUITETURA		ESCALA
ARQ. SAMUEL DAL. PIAZ JACONI CAL- A101836-1 / ENG. LEONERIO DE CASTILHOS CREA 112007-D		
CONTEÚDO		PRANCHA
DET. VIGAS - 3º PAV. - V8 a V13		PB-136
DE-2023-025-EST-PB-136-Rev00		