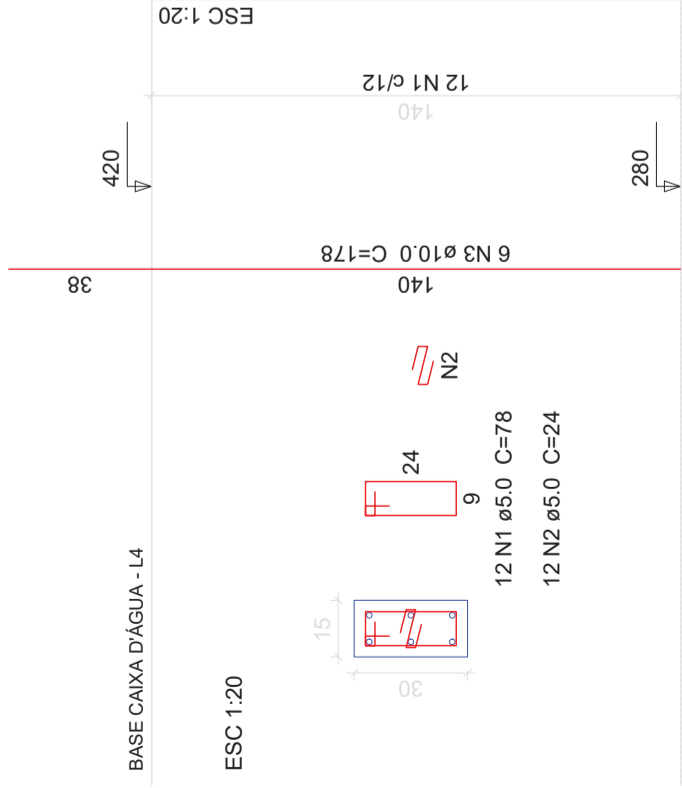
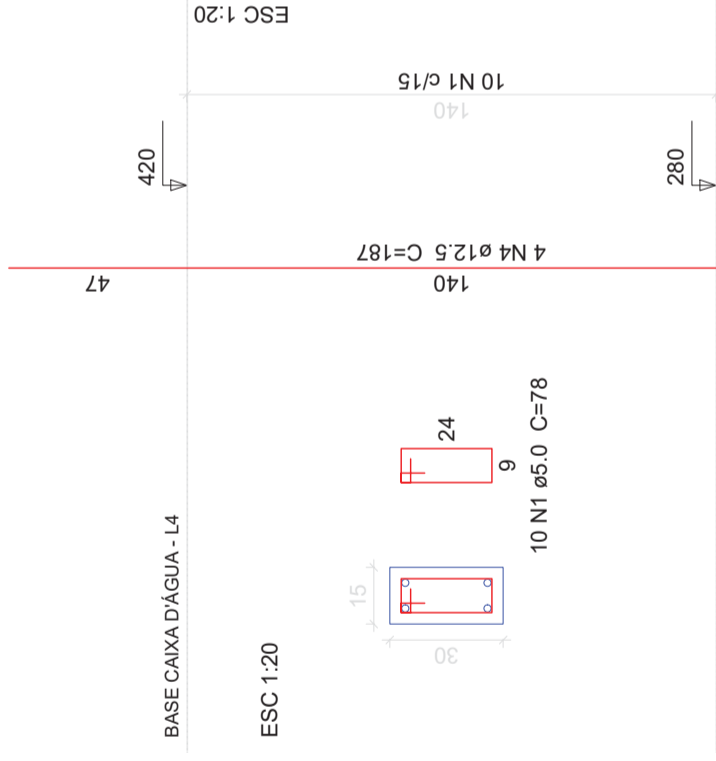


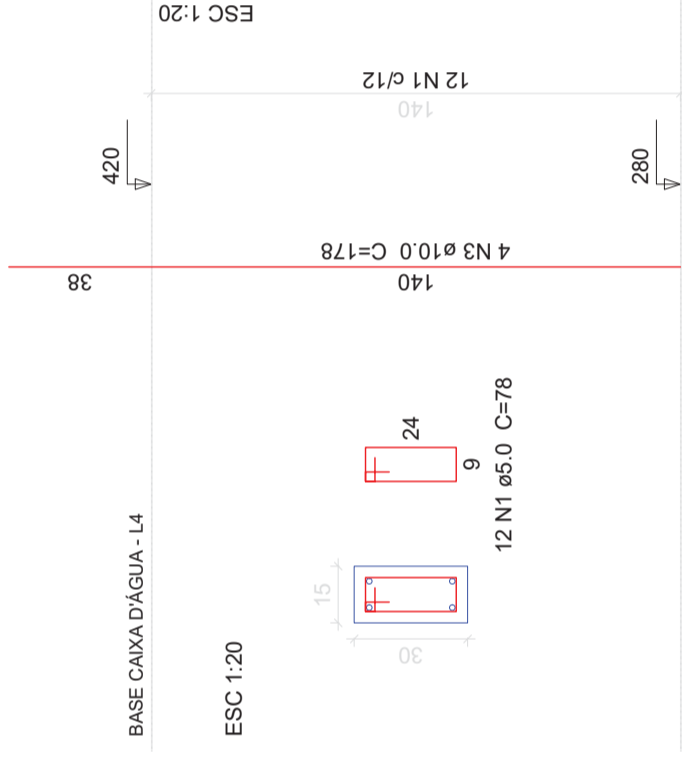
P21=P23



P22



P24



Relação do aço

2xP21	P22	P24																																																																														
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Resumo do aço

ÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	28.5	17.6
CA60	12.5	7.5	7.2
CA60	5.0	41.7	6.4
PESO TOTAL			
CA50	24.8		
CA60	6.4		

Vol. de concreto total (C-25) = 0.25 m³
 Área de forma total = 5.04 m²

Relação do aço

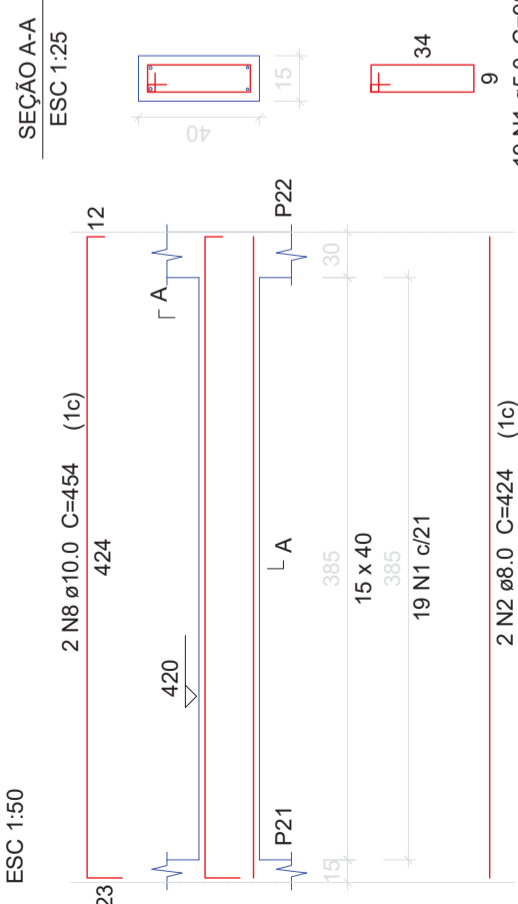
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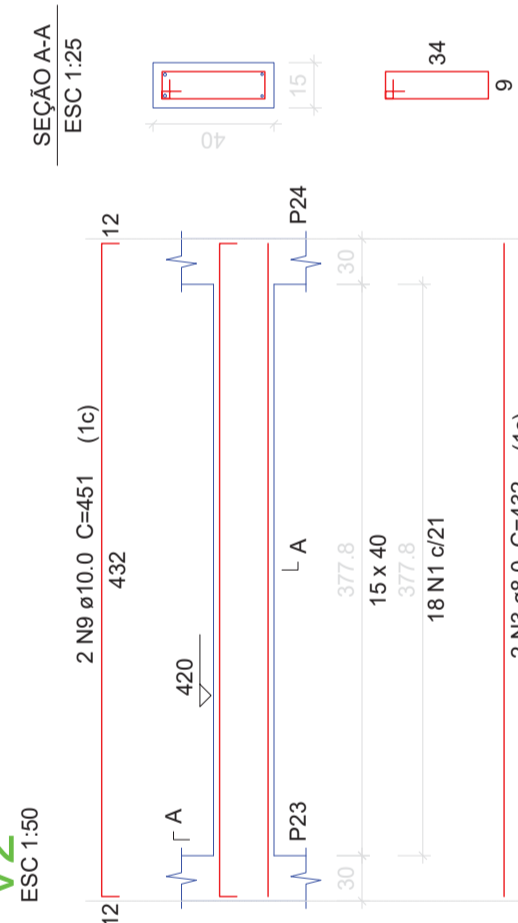
ÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	46.1	18.2
CA50	10.0	18.1	11.2
CA60	5.0	65.7	10.1
PESO TOTAL			
CA50	29.3		
CA60	10.1		

Vol. de concreto total (C-25) = 0.94 m³
 Área de forma total = 14.87 m²

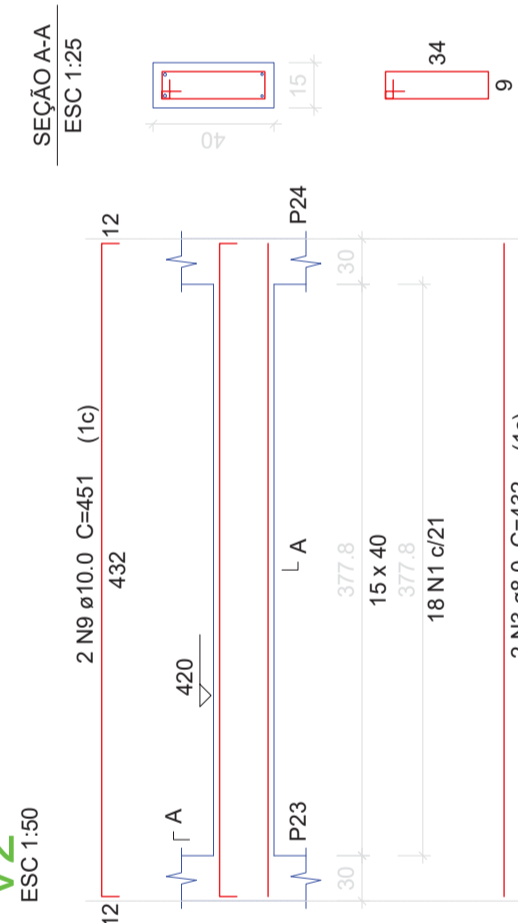
V1



V2



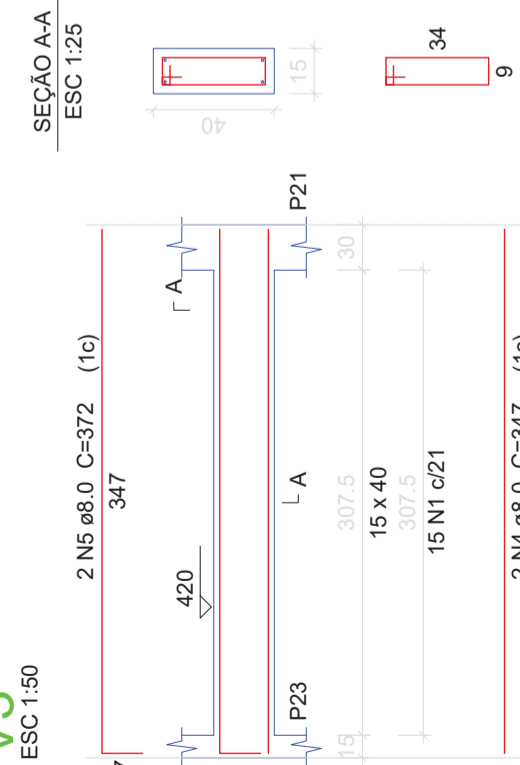
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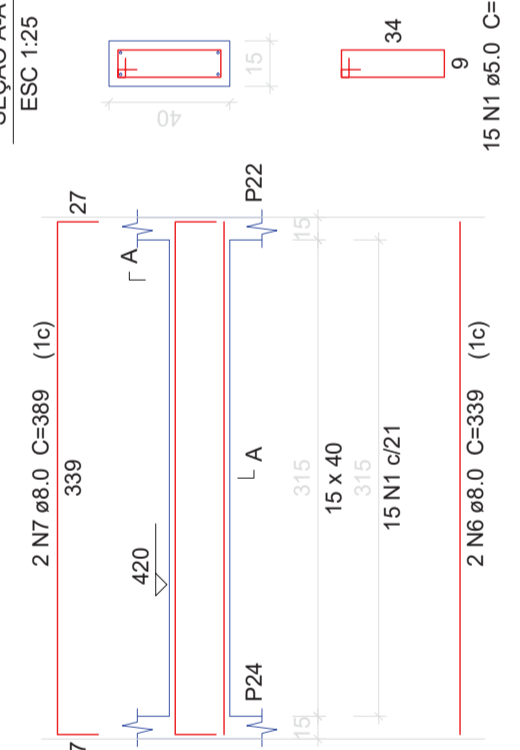
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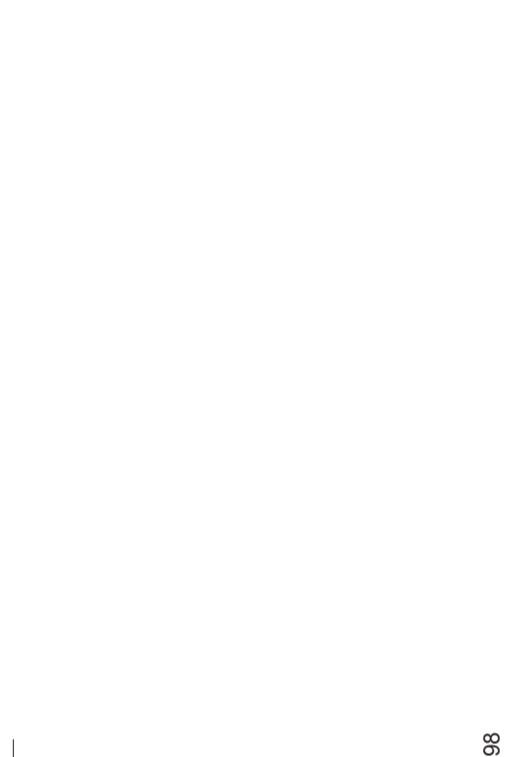
V3



V4



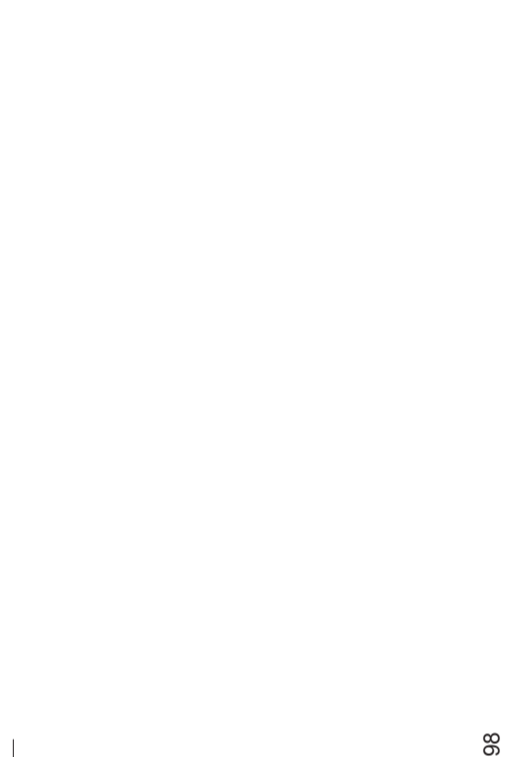
V1



V2



V3



ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO SERRANA

PREFEITURA MUNICIPAL DE BOCAINA DO SUL - SC

15

ASSESSORIA TÉCNICA

Casa de Acolhimento para Crianças e Jovens
Projeto Estrutural
 Detalhamento pilares - Base caixa d'água
 Detalhamento vigas - Base caixa d'água
 Área total: 277,35m²

PROJETO: James André Clauberg
 Eng. Civil - CREA 45.160-6
 PREFEITO: Luiz Carlos Schmulder
 DESENHO: Matheus Lorenzetti Casagrande
 Escala: Indicada
 DATA: 03/2020