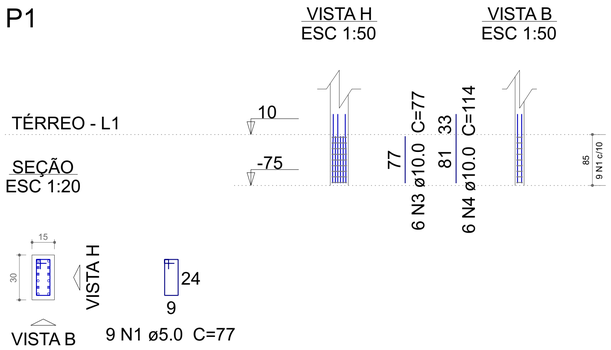
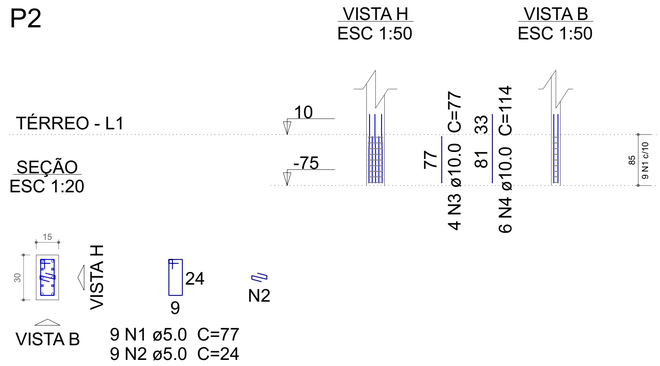
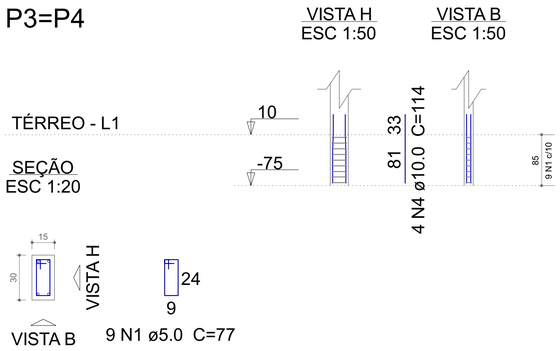
P1



P2



P3=P4



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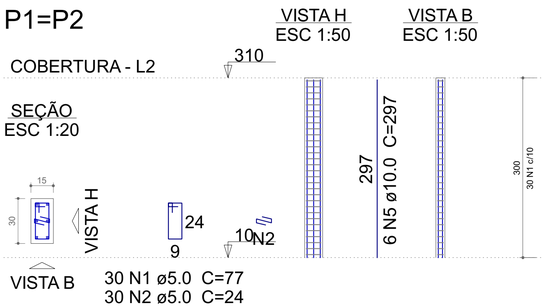
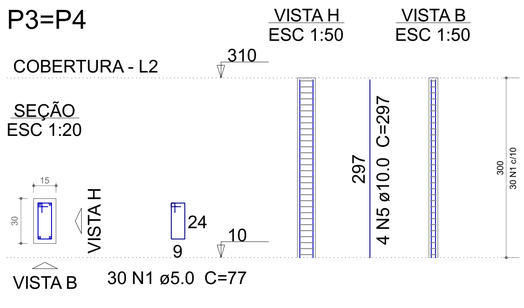


P3=P4



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	89.9	55.4
CA60	5.0	136.7	21.1

PESO TOTAL (kg)	
CA50	55.4
CA60	21.1

Volume de concreto (C-30) = 0.63 m³
Área de forma = 12.6 m²

PROJETO ESTRUTURAL

Responsável Técnico pelo Projeto:
WANDER LUAN BLANK
ZENTIL:06700571936
Wander Luan Blank Zentil
Engenheiro Civil: CREA-PR 177.079/D

Responsável Técnico pela Execução:

Escala: 1:1

Obra: E.M. GABRIEL KLUSKA

Folha: A1

Município

Elementos da prancha: Pilares

Data:

Revisão: 0

Endereço: Cantagalo-PR

Desenho: WANDER

Proprietário: Prefeitura Municipal de Cantagalo

Prancha 2/3