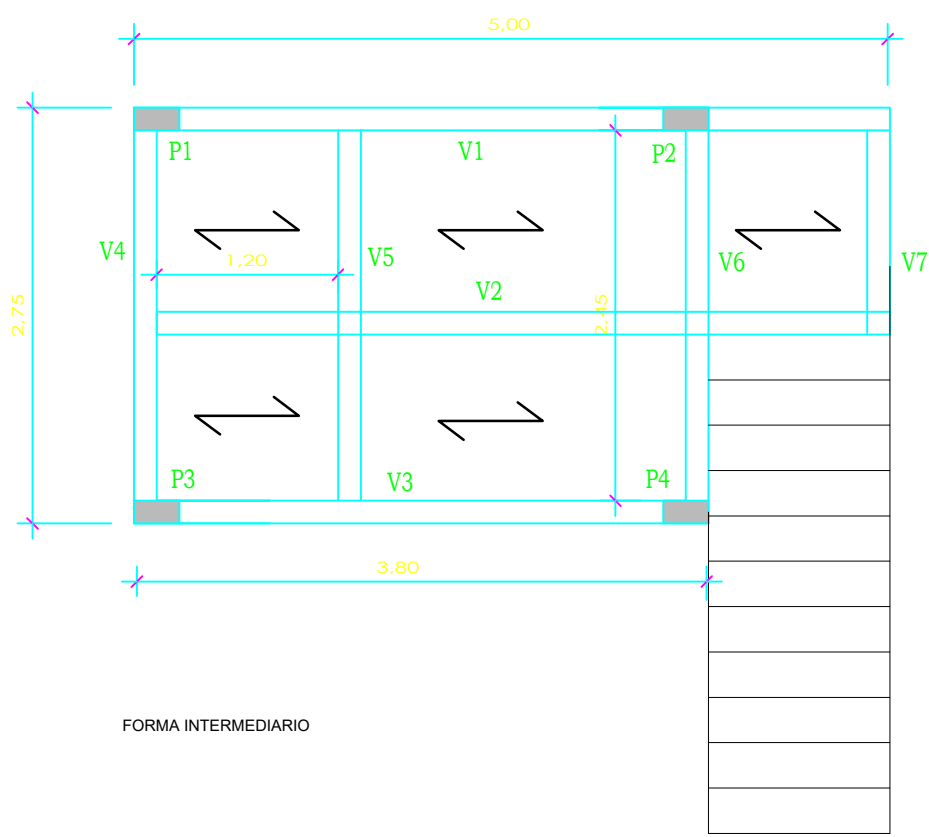
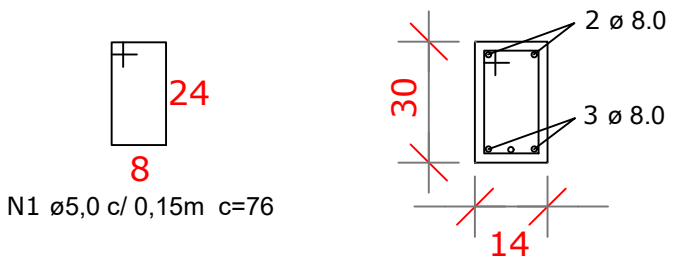




Viga Intermediario

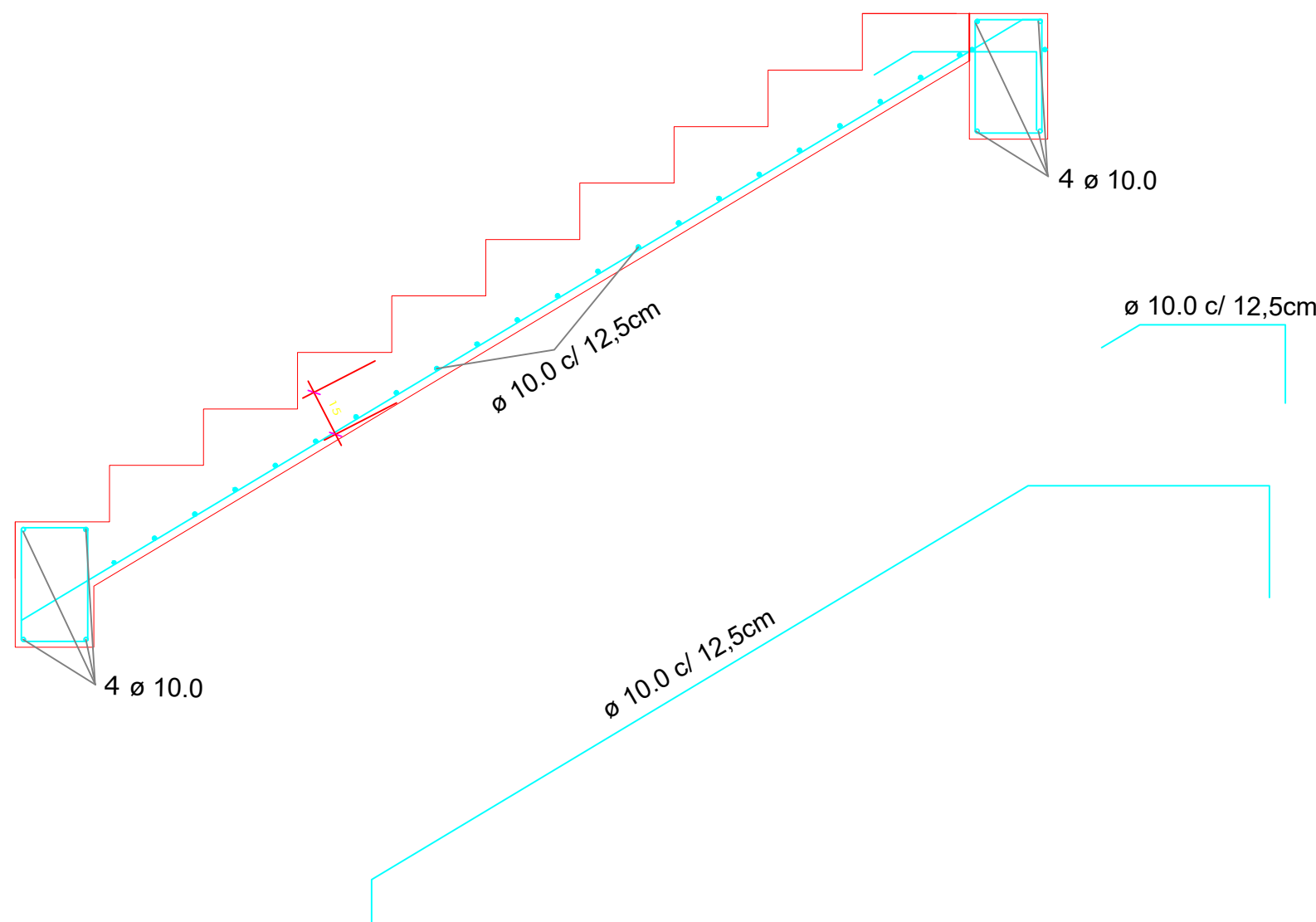
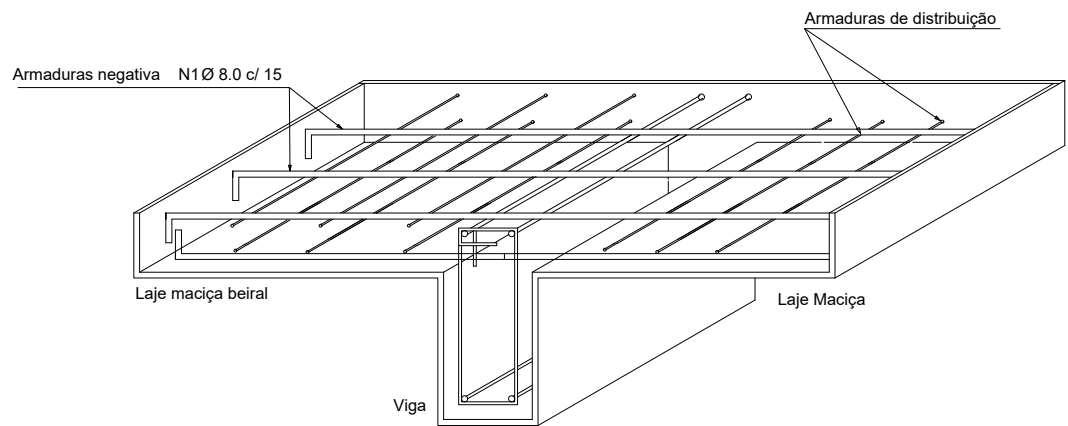


Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	117.75	46.50
CA60	5.0	117.80	18.14
PESO TOTAL (kg)			
CA50	46.50		
CA60	18.14		

Volume de concreto (C-25) = 0,95 m³
Área de forma = 14,71 m²
Laje Pré-moldada 8x4 = 7,51 m²

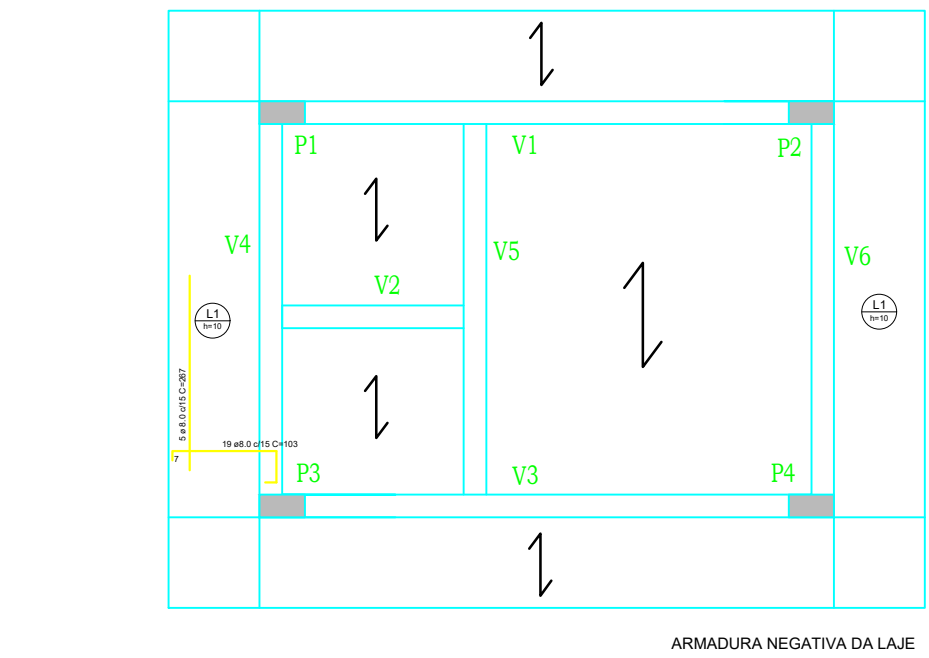
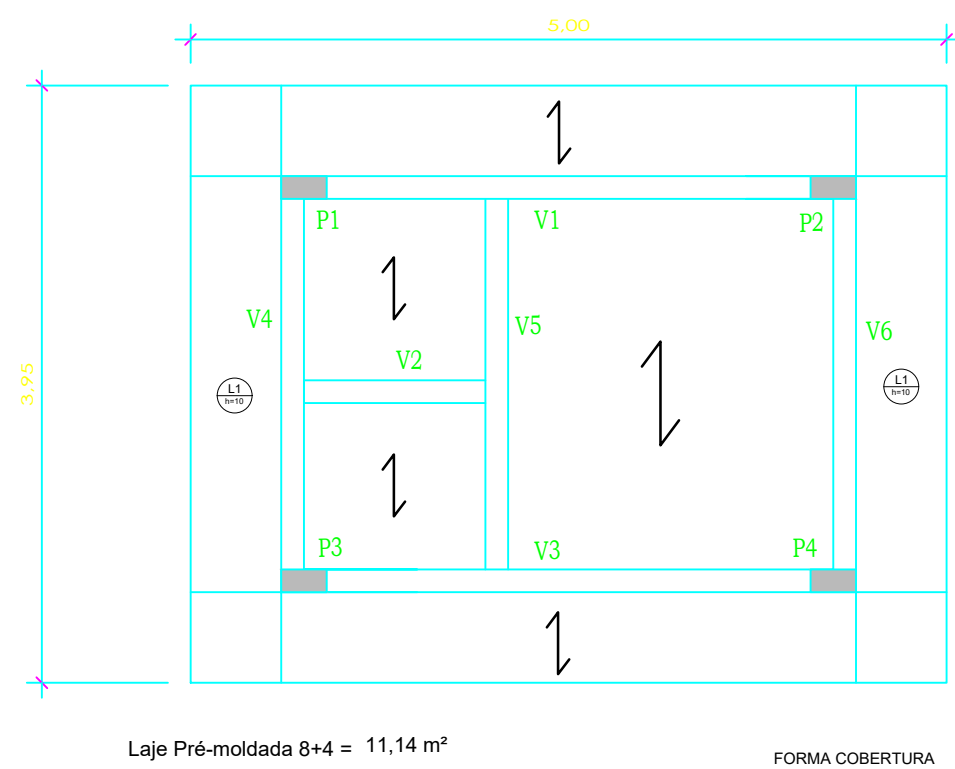
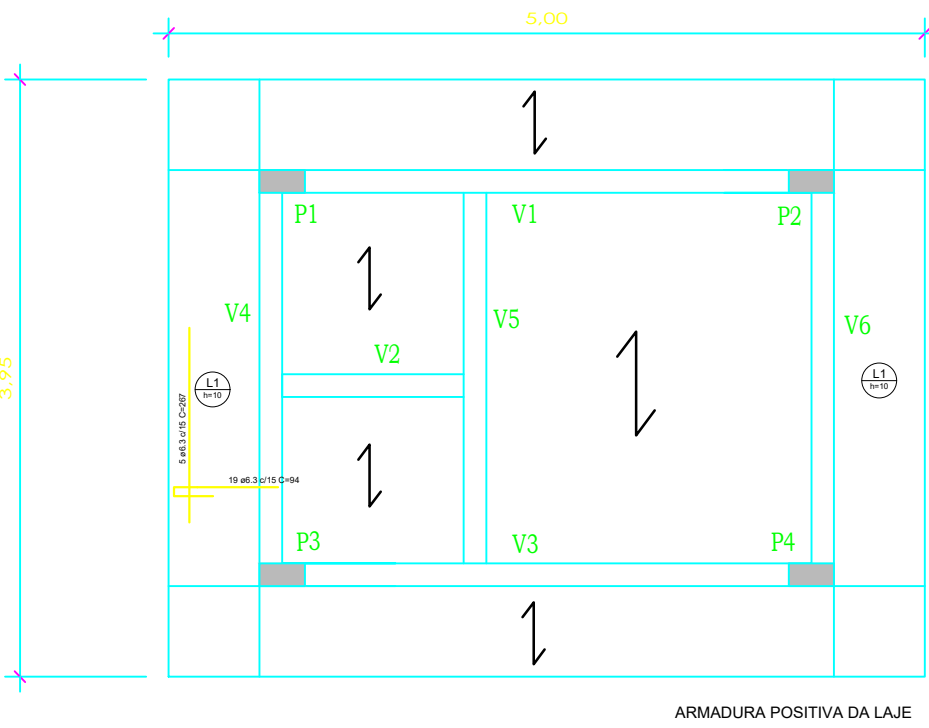
DETALHE DA ARMADURA DE DISTRIBUIÇÃO DA LAJE



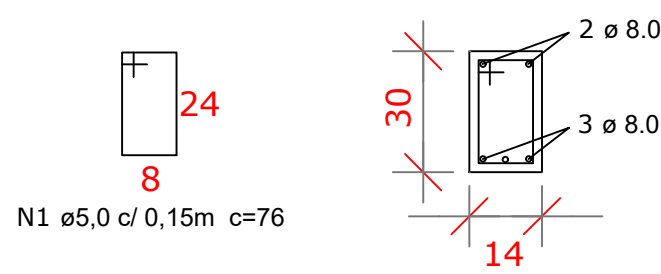
Resumo do aço - ESCADA

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	88.80	85.51
PESO TOTAL (kg)			
CA50	85.51		

Volume de concreto (C-25) = 1,24 m³



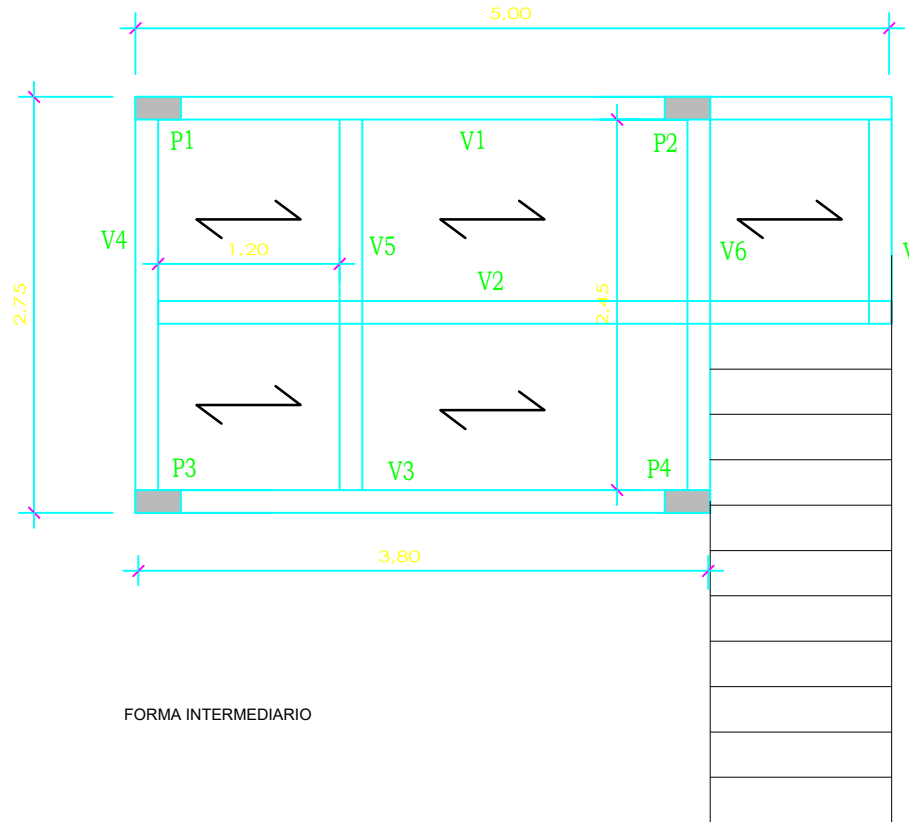
Viga cobertura



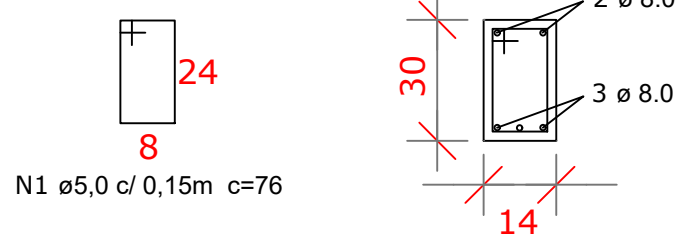
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	85.25	33.67
CA60	5.0	86.38	13.30
PESO TOTAL (kg)			
CA50	33.67		
CA60	13.30		

Resumo do aço - Laje Maciça



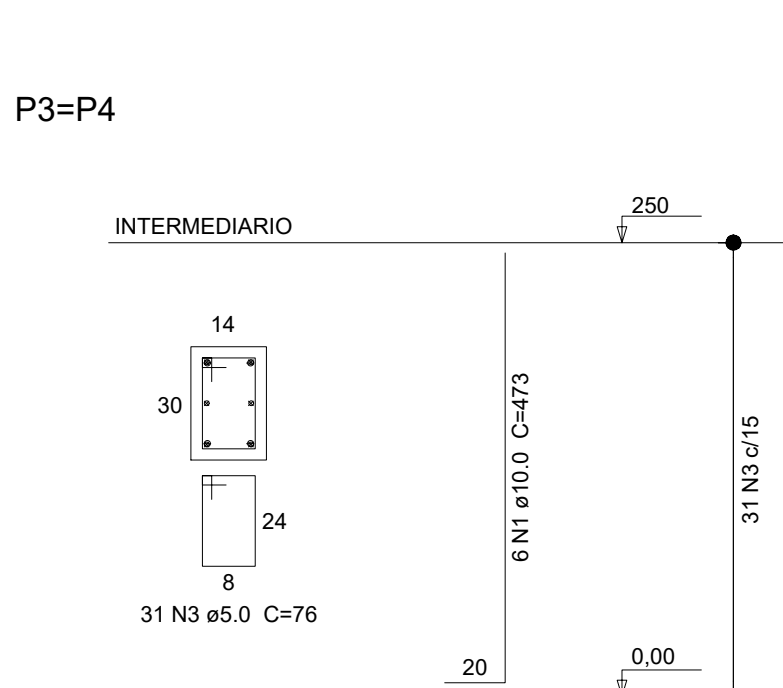
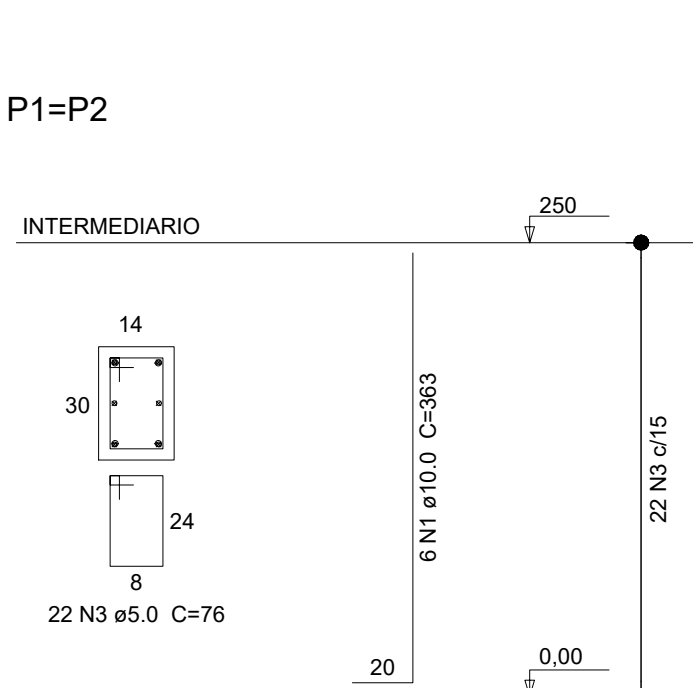
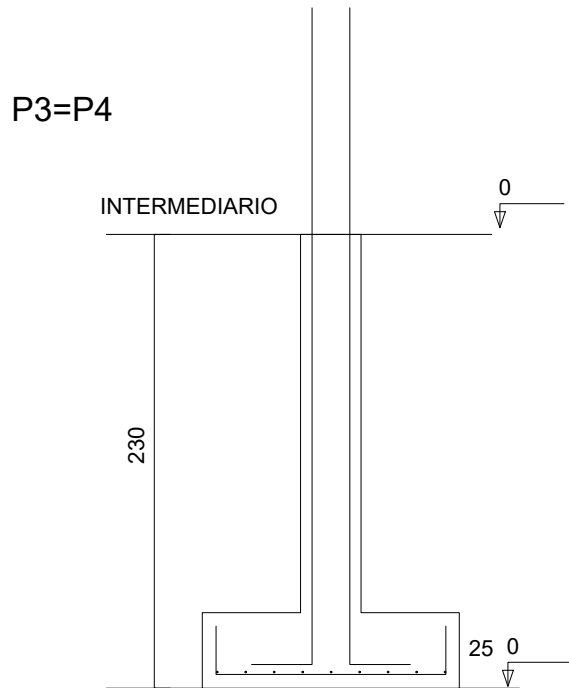
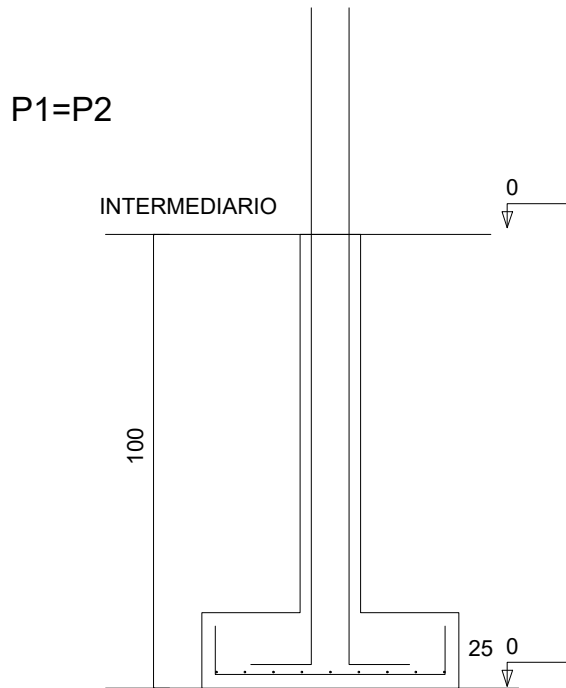
Viga Intermediario



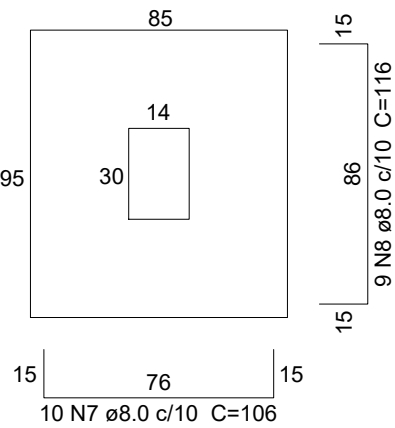
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	117.75	46.50
CA60	5.0	117.80	18.14
PESO TOTAL (kg)			
CA50	46.50		
CA60	18.14		

Volume de concreto (C-25) = 0,95 m³
Área de forma = 14,71 m²
Laje Pré-moldada 8x4 = 7,51 m²



S1=S2=S3=S4



Resumo do aço - Sapatas

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	84.16	33.24
PESO TOTAL (kg)			
CA50	33.24		

Volume de concreto (C-25) = 0,81 m³

REFORMA DO CEU DA CULTURA
BAIRRO PROGRESSO

RESPONSÁVEL TÉCNICO:
Rafael Smaniotto
CREA RS135.182

PROPRIETÁRIO:
MUNICÍPIO DE ERECHIM

ENGENHEIRO:
RUAS ANTA BARBARA ESQUINA COM RUA SÃO MARTINHO, NÚMERO 100, BARRO CRISTO REI

ETAPA:
PROJETO EXECUTIVO

CONTEÚDO:
ESTRUTURAL

DESENHO:
Rafael Smaniotto

DATA:
OUTUBRO/2025

ESCALA:
1/75

CÓDIGO DOCUMENTO:
EST

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Secretaria de Cultura, Esporte e Turismo
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SERIAL DO DESENHO:
01/03