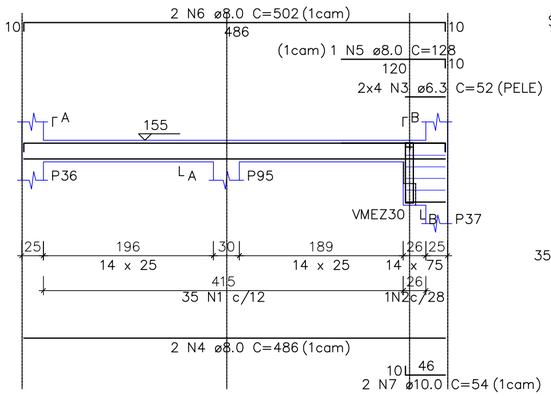
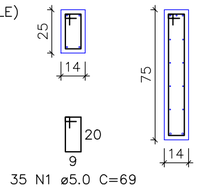
VMEZ29
ESC 1:50

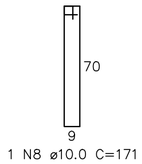


SEÇÃO A–A
ESC 1:25

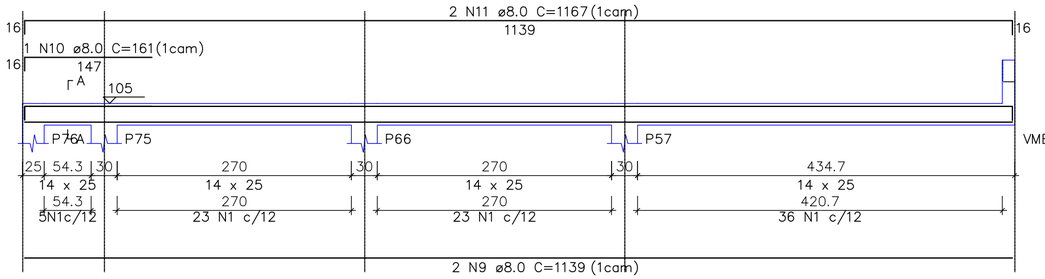


SEÇÃO B–B
ESC 1:25

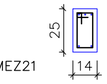
SUSPENSÃO VMEZ30
ESC 1:25



VMEZ31
ESC 1:50



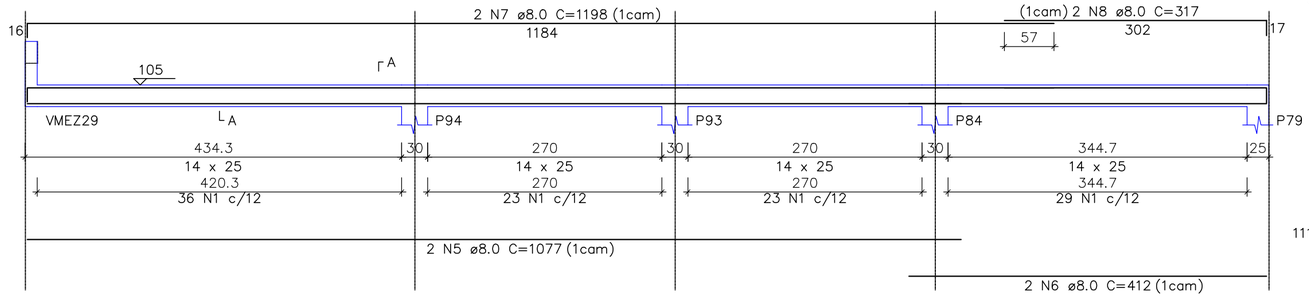
SEÇÃO A–A
ESC 1:25



VMEZ21

87 N1 ø5.0 C=69

VMEZ30
ESC 1:50



SEÇÃO A–A
ESC 1:25

111 N1 ø5.0 C=69

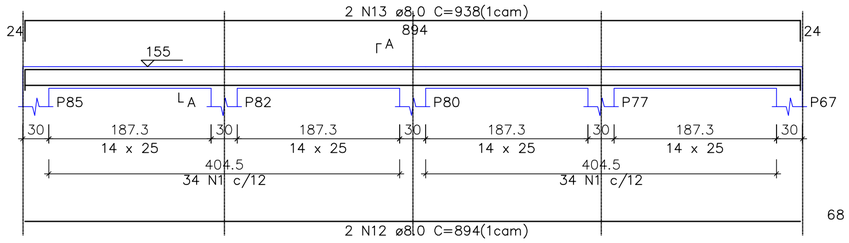
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT+10% (Barras)	PESO + 10% (kg)
CA50	8.0	240.4	23	104.3
	10.0	1.1	1	0.8
CA60	5.0	302.9	28	51.4

PESO TOTAL (kg)	
CA50	105.1
CA60	51.4

Volume de concreto (Fck=25MPa) = 2.03 m³
Área de forma = 37.09 m²

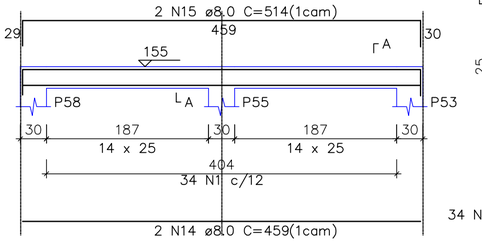
VMEZ32
ESC 1:50



SEÇÃO A–A
ESC 1:25

68 N1 ø5.0 C=69

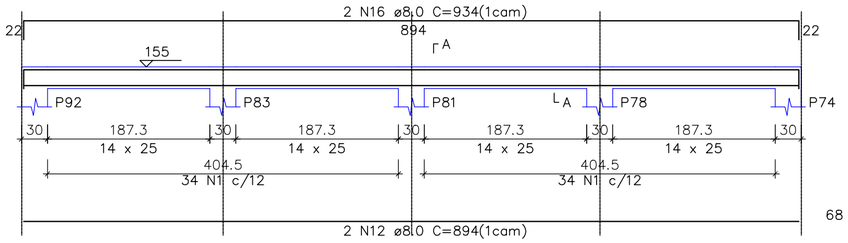
VMEZ33
ESC 1:50



SEÇÃO A–A
ESC 1:25

34 N1 ø5.0 C=69

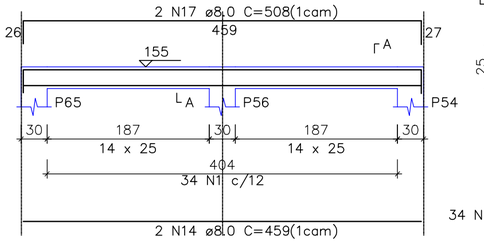
VMEZ34
ESC 1:50



SEÇÃO A–A
ESC 1:25

68 N1 ø5.0 C=69

VMEZ35
ESC 1:50



SEÇÃO A–A
ESC 1:25

34 N1 ø5.0 C=69

ATTITUDE ENGENHARIA
Rua Pedro Ramires de Mello, 21 | S 03 | CEP 85.501-250 | Pato Branco - PR | Tel.: 46 3199-0039
attitudeengenharia.com

Responsável Técnico
Rogerio A. Philippsen
Engenheiro Civil - CREA PR 125.413/D
rogerio@attitudeengenharia.com

Contratante/Proprietário
Prefeitura de Pato Branco
CNPJ: 76.995.448/0001-54

Desenhista
Rogerio A. Philippsen

Projetista
Rogerio A. Philippsen

Prefeitura e Concessionária:

Revisão	Data	Descrição	Solicitado Por

Dados da Contratante/Proprietário:
Prefeitura de Pato Branco
Rua Afonso Pena, Parte do Lote 01, Quadra 787
Pato Branco-PR

Data: **Ago/2021**

Obra:
Edificação para Bocha

Escala: **Indicada**

Discriminação dos Desenhos:
Vigas Mezanino - VMEZ (04/04)

Prancha Nº **13** / 18

PROJETO ELÉTRICO