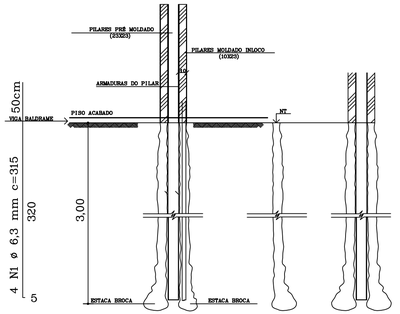
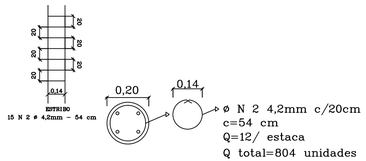
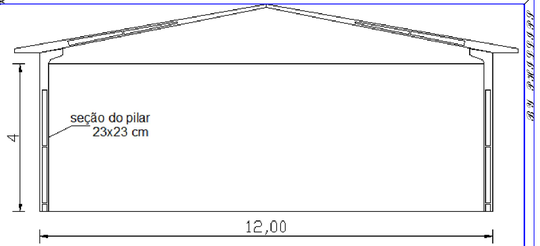
A2

fundação sem bloco (63x)

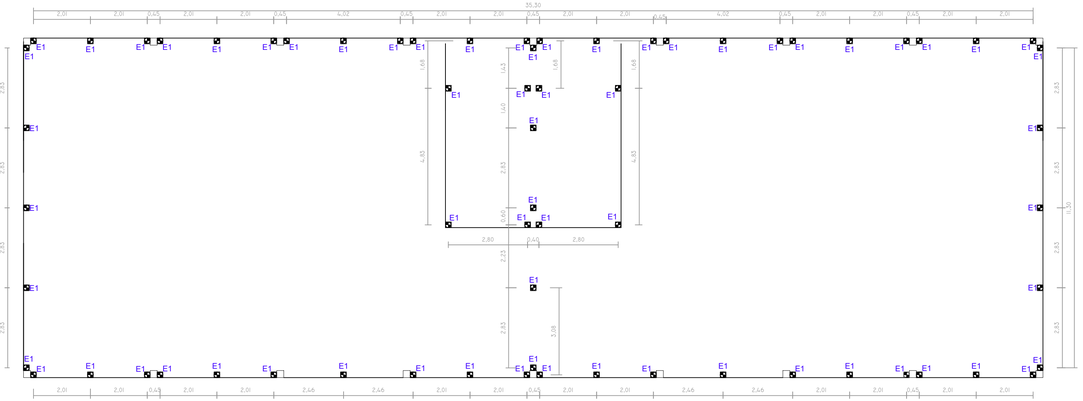






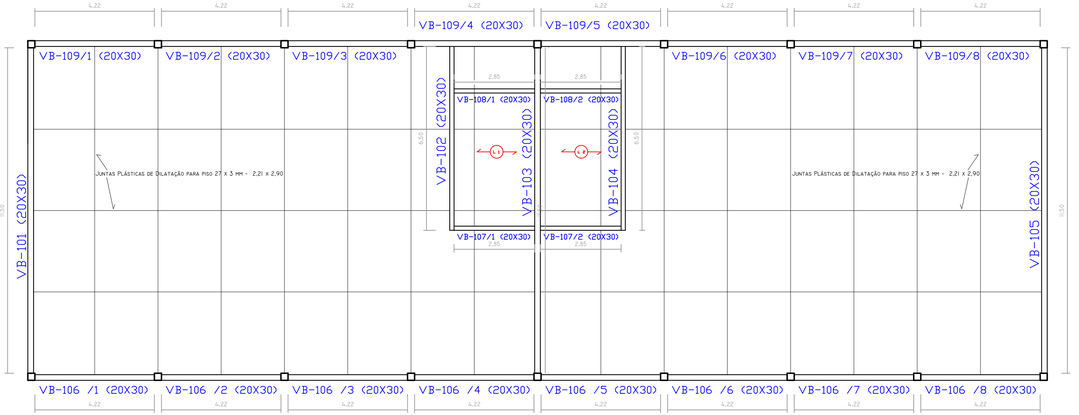
Corte esquemático

DETALHE DE PRÉ MOLDADO



Estacas

Escala 1:100



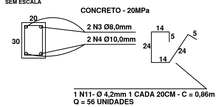
Vigas - Baldrame

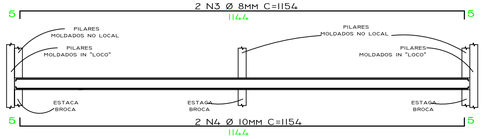
Escala 1:100

VIGAS BALDRAME (3X)

VB-101, VB-103 e VB-105 (20 x 30 x 1150 cm)

SEM ESCALA

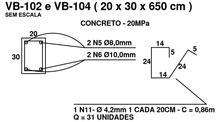


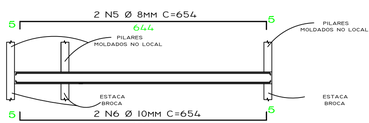


VIGAS BALDRAME (2X)

VB-102 e VB-104 (20 x 30 x 650 cm)

SEM ESCALA

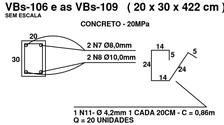


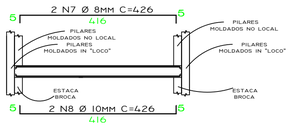


VIGAS BALDRAME (16X)

VBs-106 e as VBs-109 (20 x 30 x 422 cm)

SEM ESCALA

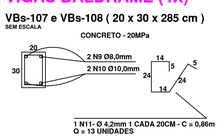


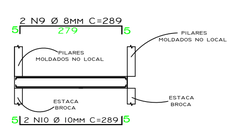


VIGAS BALDRAME (4X)

VBs-107 e VBs-108 (20 x 30 x 285 cm)

SEM ESCALA





INFRAESTRURURA 1 BARRACÃO INDUSTRIAL 432 M2 1/2

TABELA DE ARMADURA

POSIÇÃO	AÇO	Ø (mm)	COMPR.(m)	QUANT.	TOTAL (m)	kg/m	TOTAL (kg)
N1	CA-50 A	6,3	3,20	268	857,60	JÁ CONTEMPLADO NO ORÇAMENTO DAS ESTACAS	
N2	CA-60 B	4,2	0,54	804	434,16		
N3	CA-50 A	8,0	11,54	6	69,24	0,395	27,35
N4	CA-50 A	10,0	11,54	6	69,24	0,617	42,72
N5	CA-50 A	8,0	6,54	4	26,16	0,395	10,33
N6	CA-50 A	10,0	6,54	4	26,16	0,617	16,14
N7	CA-50 A	8,0	4,26	32	136,32	0,395	53,85
N8	CA-50 A	10,0	4,26	32	136,32	0,617	84,11
N9	CA-50 A	8,0	2,89	4	11,56	0,395	4,57
N10	CA-50 A	10,0	2,89	4	11,56	0,617	7,13
N11	CA-60 B	4,2	0,86	120	103,20	0,109	11,25

RESUMO DO AÇO

AÇO	Ø (mm)	COMPR.(m)	kg/m	PESO (KG)
CA-60 B	4,2	103,20	0,109	11,25
CA-50 A	6,3		0,245	-
CA-50 A	8,0	243,28	0,395	96,10
CA-50 A	10,0	243,28	0,617	150,10
PESO TOTAL CA-60 B				**11,25**
PESO TOTAL CA-50 A				**246,20**

MATERIAIS

	FCK (Mpa)	UNID	QUANT	TOTAL
CONCRETO P/ BLOCOS, VIGAS E PILARES	20	m^3	7,24	
CONCRETO P/ CAPA DE LAJE - E = 4,0 cm	20	m^3		**7,24**
FORMAS P/ FUNDAÇÕES		m^2	72,43	
FORMAS P/ ESTRUTURA		m^2		**72,43**

PROJETO ESTRUTURAL

FOLHA: 01/02

OBRA: Barracões Geminados

END.: PR 090 Km 202 + 700 m - Área Industrial - Ventania - PR

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE VENTANIA PR

ESCALA: INDICADA

DATA: NOVEMBRO / 2019

DESENHO: JPS

RESP. TÉCNICO
Eng. CIVIL EDO JOSÉ STIMAMIGLIO
CREA PR-143150

ANTÔNIO HELLY SANTIAGO
PREFEITO MUNICIPAL