

UNIVERSIDADE FEDERAL DO AMAPÁ
 CAMPUS LARANJEIRAS, MANAUS - SETOR SUL
 INSTITUTO DE CIÊNCIAS E TECNOLOGIA
 DEPARTAMENTO DE ENGENHARIA CIVIL
 DETALHES DAS FUNDACOES

Manassés Iberton Maia
 Eng. Civil
 CREA 11116 - D/AM
 Manaus 18/06/24

01-EC-602
 UNIVERSIDADE FEDERAL DO AMAPÁ
 CAMPUS LARANJEIRAS, MANAUS - SETOR SUL
 INSTITUTO DE CIÊNCIAS E TECNOLOGIA
 DEPARTAMENTO DE ENGENHARIA CIVIL
 DETALHES DAS FUNDACOES



Manasses/bernon Micia

Endo Civil

CREATING 16-D/AM

Mama, 18/06/24

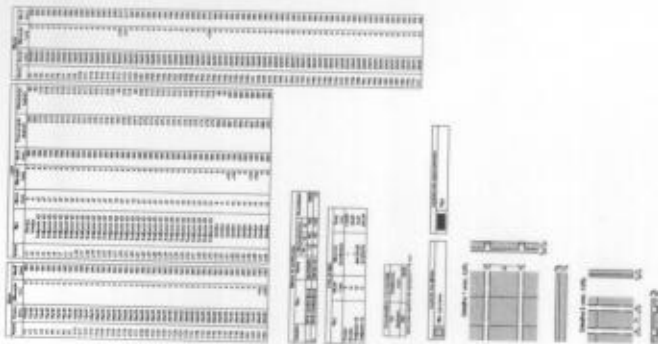
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UNIVERSIDADE FEDERAL DO AMAPÁ
PRÉ-RETORIA DA UFRAP

CHAMPA (AMAPÁ) AMAPÁ - 67.120-900
RUA DA LÍNGUA PORTUGUESA, 100 - 1º ANDAR
RETILÂNEA DE CONCRETO ARMADO
FONE: 3611-1111

FORMULÁRIO DAS CÂMBIAS

01.EC-603



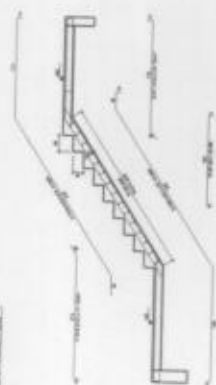
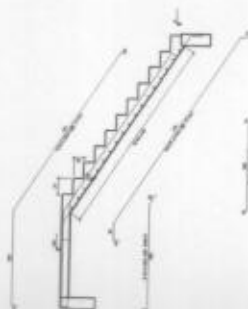
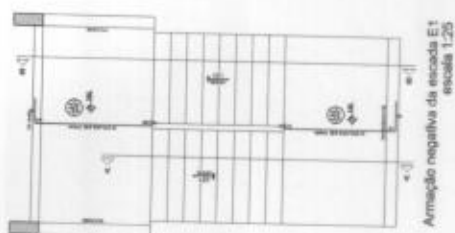
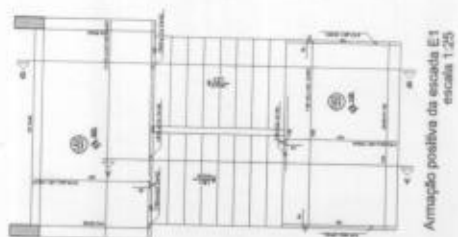
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CREA1116-D/AM

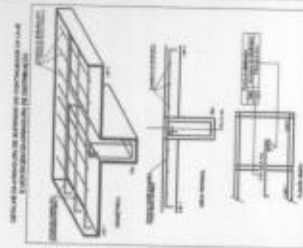
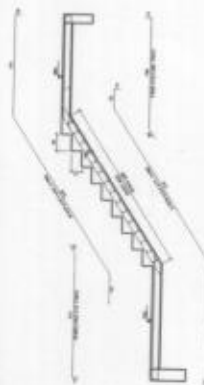
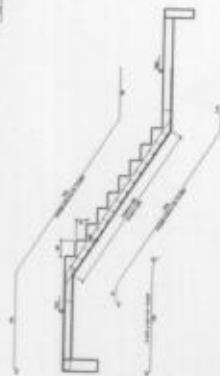
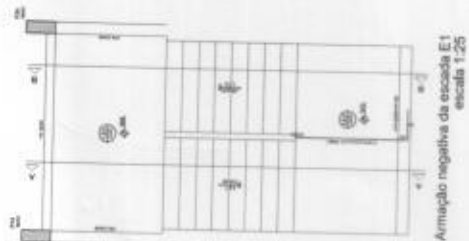
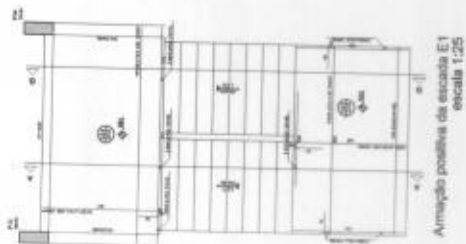
Monday, 18/06/24

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ESCADA E1 - PAVIMENTO 1



ESCADA E2 - PAVIMENTO TIPO



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9. *Journal of Public Finance*
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UNIVERSIDADE FEDERAL DO AMAZONAS
PRÉ-CURSOS DE INÍCIO

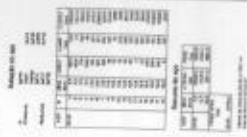
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COMP. DE INICIAÇÃO AMPLIA - SETOR 3
CURSO DE INICIAÇÃO AMPLIA - SETOR 3
ESTRUTURA DE CONHECIMENTO - SETOR 3

BRAS

Eng' Civil
CREA 1116-D/AM

11/20/81, Monmouth



CREA11116-D/AM

transverse, 18/06/24

The image shows a document from the Universidade Federal do Amazonas (UFAM). At the top, there is a stamp that reads "UNIVERSIDADE FEDERAL DO AMAZONAS" and "PRÉFECTURA DA UFAM". Below this, there is a signature and the name "FELIPE". The document is dated "10/01/2011" and has a reference number "01/EC-608".



Mansur, 18/06/24

Manassis Vernon, M.Eng.
Engr. Civil
CASA 1116-D/AM
Manassis, 18/06/21

Corte A-A
escala 1:25

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3.50
7.00
0.25
1:25

Corto B-B
escala 1:25

Corte A-A
 escala 1:25

Armação positiva das lajes (0.0)
escala 1:25

<p>PART 1</p>	<p>15</p>	<p>215</p>	<p>260</p>	<p>15</p>
<p>PART 3</p>	<p>15</p>	<p>215</p>	<p>260</p>	<p>15</p>

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)

Características dos materiais	
fck (kgf/cm ²)	Abelimento (cm)
200	5,00

Vigas		
Nome	Seção (cm)	Elevação (cm)

Lajes			
Nome	Tipo	Altura (cm)	Elevação (cm)
L1	Moldada	15	0
			Sobrecarga (kg/m ²)
			300

Características dos materiais	
Íox	Abatimento (cm)
250	8,00

Dimensão do agregado = 19 mm

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)

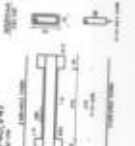
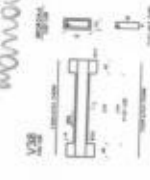
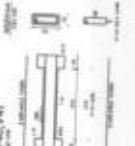
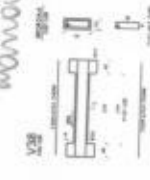
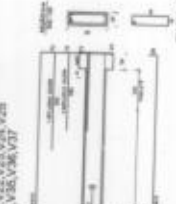
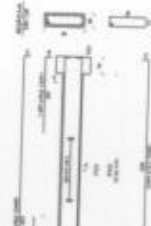
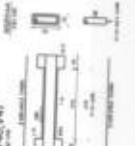
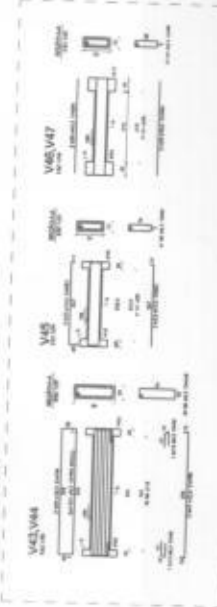
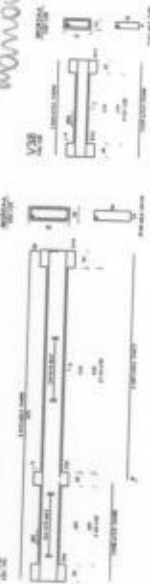
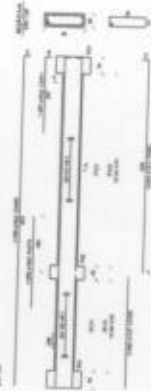
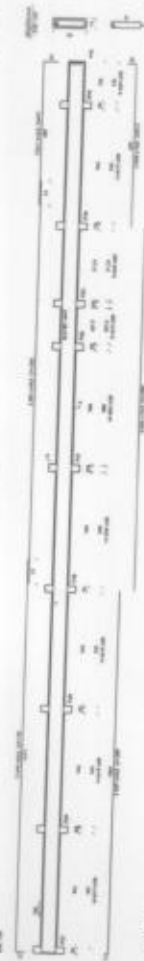
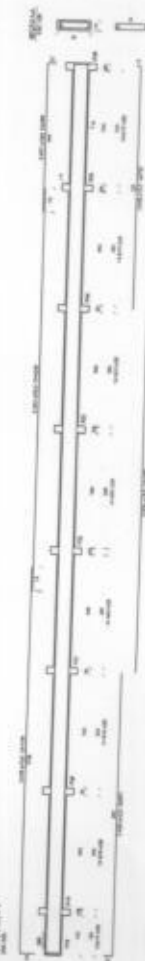
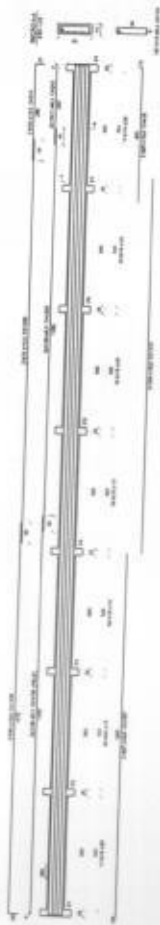
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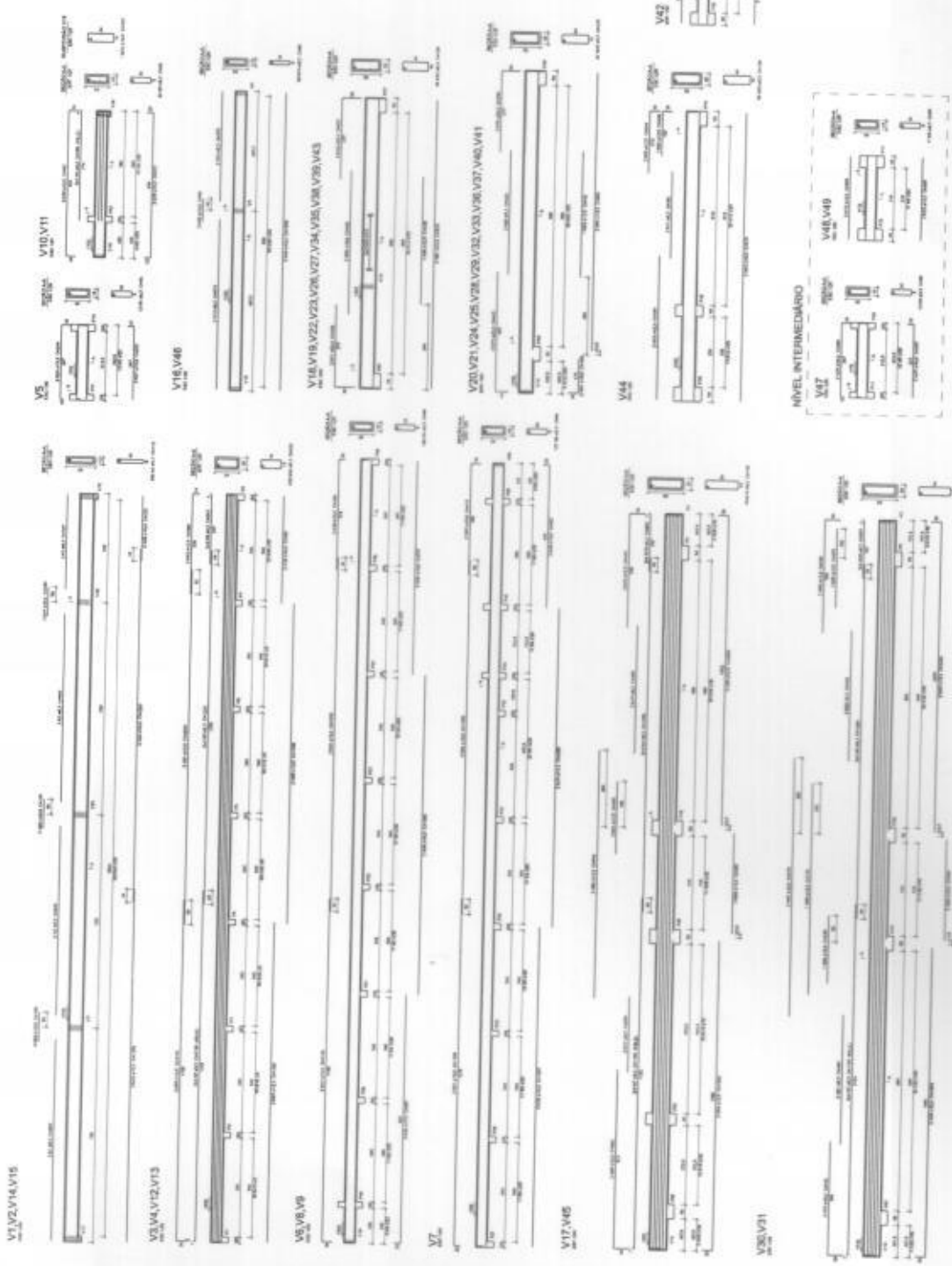



 Massimo Verrone
 Eng. Civil
 CREAH116-BJ/AM
 manaus, 18/06/21

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Item	Descrição	Quantidade	Valor Unitário	Valor Total
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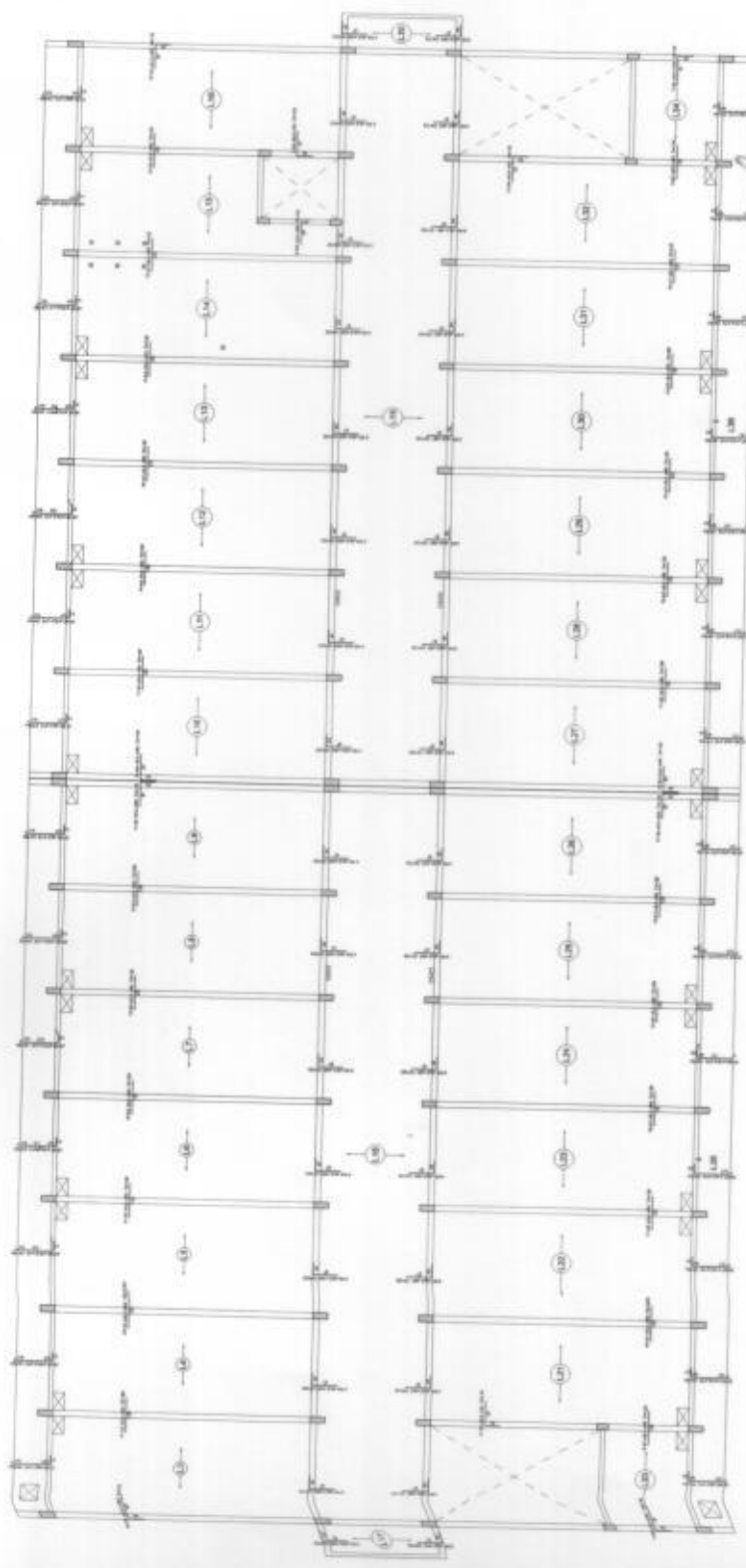
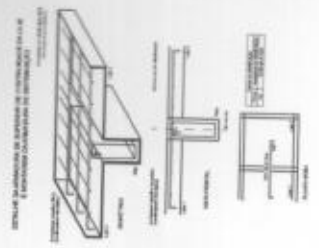
Manassés Iheronimus
Eng. Civil
CREA 11116-D/AM
Manaus, 13/06/21



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NOTAS GERAIS:

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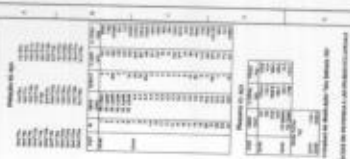


Manoel de Oliveira Junior

Eng. Civil

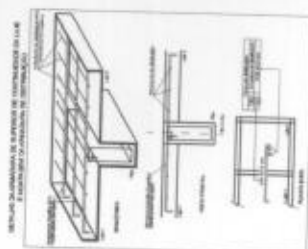
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Manaus, 18/06/24



James Hutton M.D.
Esq Civil
CHAS. HUNTER - D/MD
Managers, 18/06/24

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Source: *U.S. Census Bureau, 1997*

Wassiliou

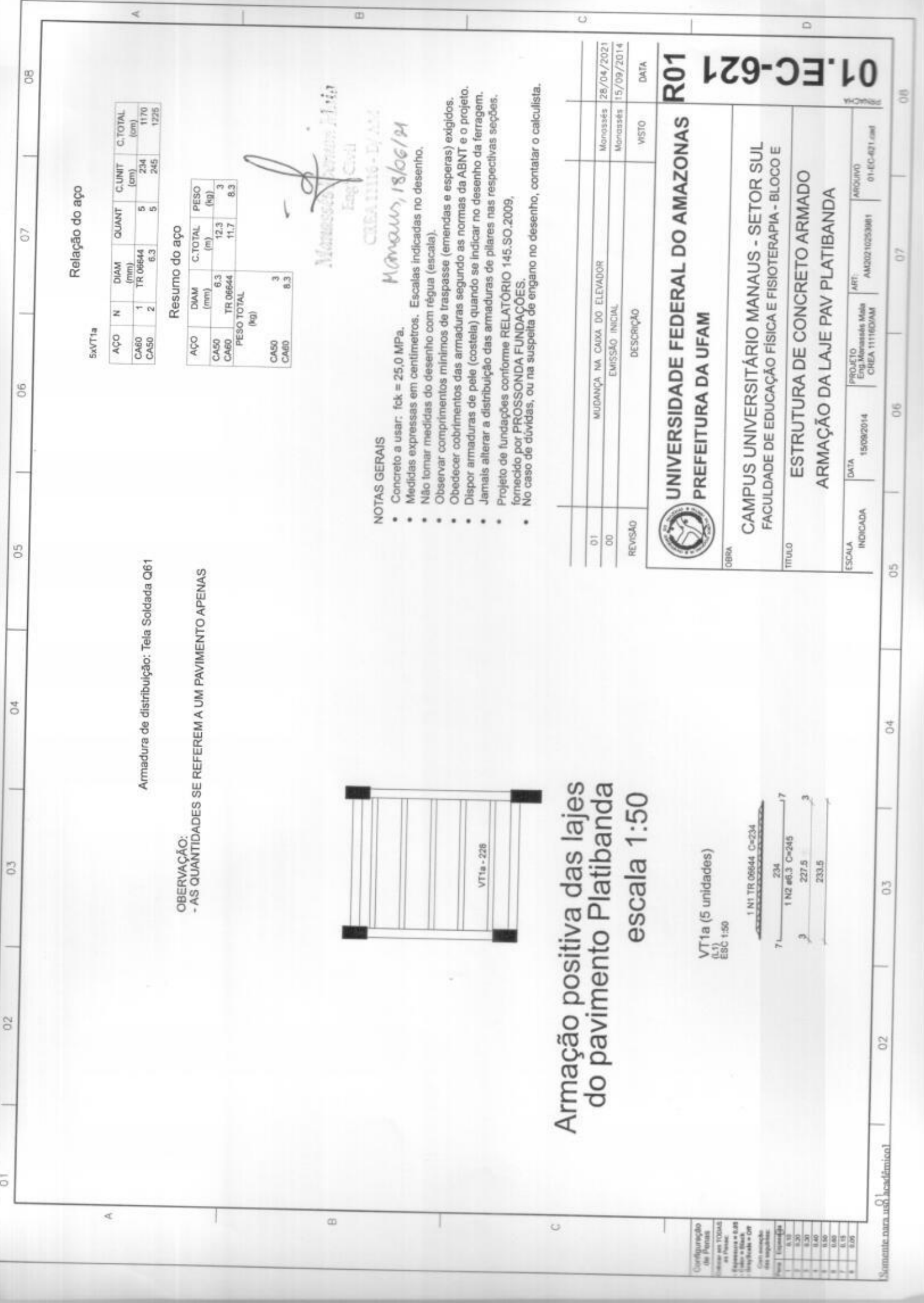
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16/20/81, snow

1. University of Toronto, 120 St George Street, Toronto, Ontario, Canada M5S 1A5.
 2. Department of Psychology, University of Toronto, 120 St George Street, Toronto, Ontario, Canada M5S 1A5.
 3. Department of Psychology, University of Toronto, 120 St George Street, Toronto, Ontario, Canada M5S 1A5.
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01		02		03		04		05		06		07		08		09		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97							



Armadura de distribuição: Tela Soldada Q61

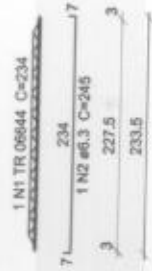
OBSERVAÇÃO:
- AS QUANTIDADES SE REFEREM A UM PAVIMENTO APENAS

NOTAS GERAIS

- Concreto a usar: $f_{ck} = 25.0 \text{ MPa}$.
- Medidas expressas em centímetros. Escalas indicadas no desenho.
- Não tomar medidas do desenho com régua (escala).
- Observar comprimentos mínimos de traspasse (emendas e esperas) exigidos.
- Obedecer cobrimentos das armaduras segundo as normas da ABNT e o projeto.
- Dispor armaduras de pele (costela) quando se indicar no desenho da ferragem.
- Jamais alterar a distribuição das armaduras de pilares nas respectivas seções.
- Projeto de fundações conforme RELATÓRIO 145.SO.2009, fornecido por PROSSONDA FUNDAÇÕES.
- No caso de dúvidas, ou na suspeita de engano no desenho, contatar o calculista.

Armação positiva das lajes
do pavimento Platibanda
escala 1:50

VT1a (5 unidades)
(L1)
ESC 1:50



Relação do aço

5xVT1a

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	TR 06644	5	234	1170
CA50	2	6.3	5	245	1225

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	12.3	3
CA60	TR 06644	11.7	8.3
PESO TOTAL (kg)			
CA50	3		
CA60	8.3		

Manaus, 18/06/21
Eng Civil
CREA 1116-D/AM

01	MUDANÇA NA CAIXA DO ELEVADOR	Monossés	28/04/2021
00	EMISSÃO INICIAL	Monossés	15/09/2014
REVISÃO	DESCRIÇÃO	VISTO	DATA
UNIVERSIDADE FEDERAL DO AMAZONAS			
PREFEITURA DA UFAM			
CAMPUS UNIVERSITÁRIO MANAUS - SETOR SUL			
FACULDADE DE EDUCAÇÃO FÍSICA E FISIOTERAPIA - BLOCO E			
TÍTULO			
ESTRUTURA DE CONCRETO ARMADO			
ARMAÇÃO DA LAJE PAV PLATIBANDA			
ESCALA INDICADA	DATA	PROJETO	ARQUIVO
	15/09/2014	Eng Monossés Maia	01-EC-621.cad
		CHEA 11116/DIAM	

R01
01-EC-621