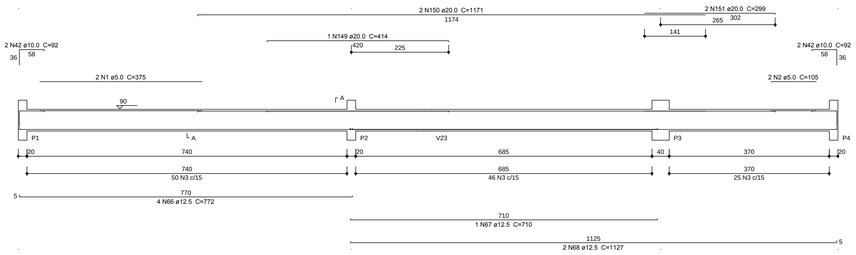
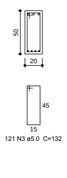
V1
ESC 1:50

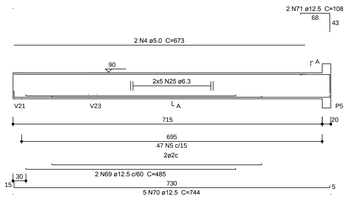


SEÇÃO A-A
ESC 1:25

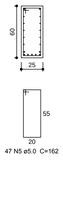


121 N3 ø5.0 C=132

V2
ESC 1:50

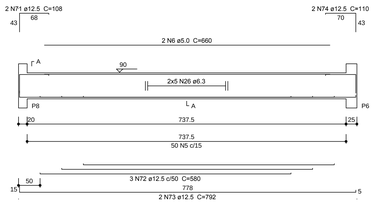


SEÇÃO A-A
ESC 1:25

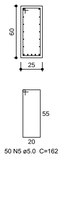


47 N5 ø5.0 C=162

V3
ESC 1:50

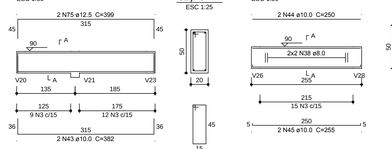


SEÇÃO A-A
ESC 1:25



50 N5 ø5.0 C=162

V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

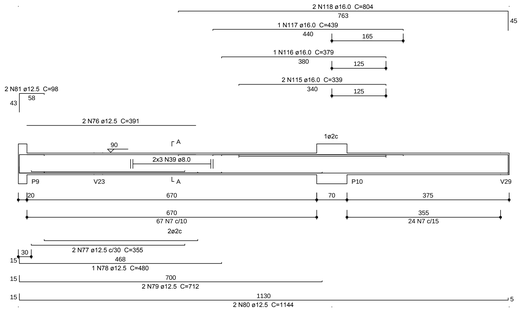
21 N3 ø5.0 C=132

V8
ESC 1:50

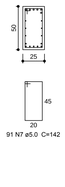
SEÇÃO A-A
ESC 1:25

15 N3 ø5.0 C=132

V4
ESC 1:50

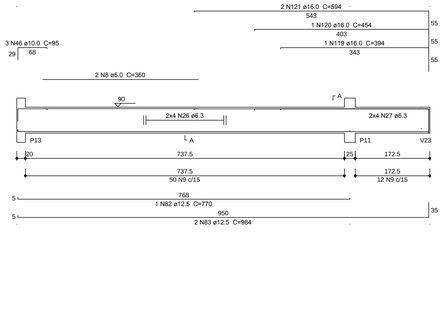


SEÇÃO A-A
ESC 1:25



91 N7 ø5.0 C=142

V5
ESC 1:50

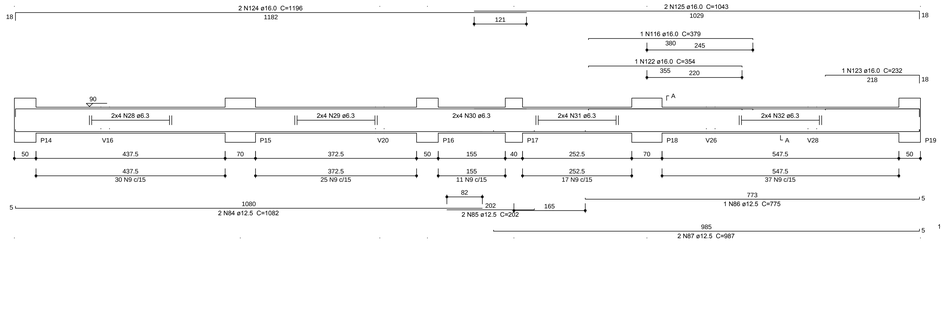


SEÇÃO A-A
ESC 1:25



62 N9 ø5.0 C=152

V7
ESC 1:50

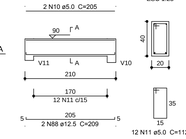


SEÇÃO A-A
ESC 1:25



120 N9 ø5.0 C=152

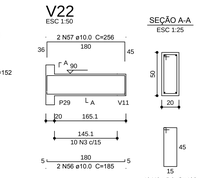
V18
ESC 1:50



SEÇÃO A-A
ESC 1:25

12 N11 ø5.0 C=112

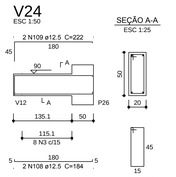
V22
ESC 1:50



SEÇÃO A-A
ESC 1:25

10 N3 ø5.0 C=132

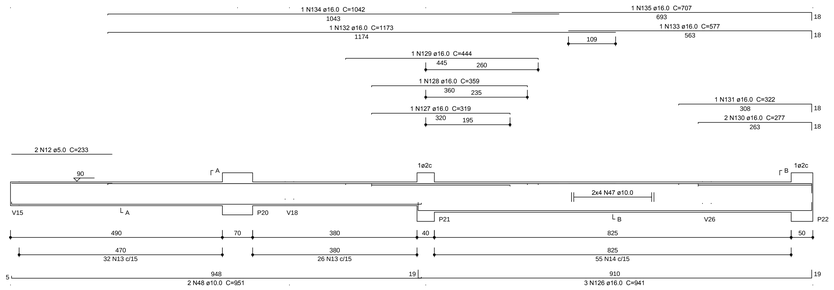
V24
ESC 1:50



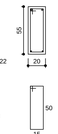
SEÇÃO A-A
ESC 1:25

8 N3 ø5.0 C=132

V10
ESC 1:50

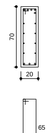


SEÇÃO A-A
ESC 1:25



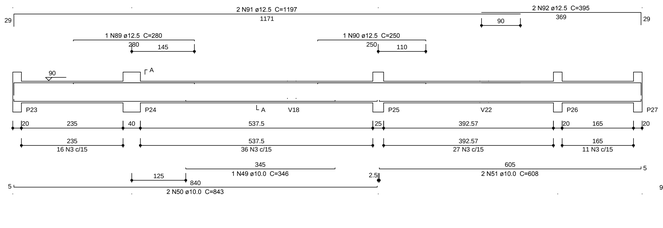
58 N13 ø5.0 C=142

SEÇÃO B-B
ESC 1:25

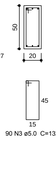


55 N14 ø5.0 C=172

V11
ESC 1:50

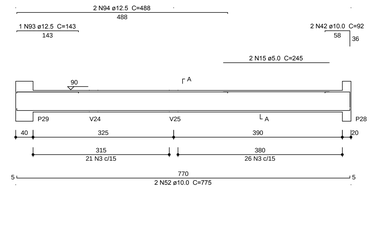


SEÇÃO A-A
ESC 1:25

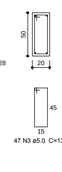


90 N3 ø5.0 C=132

V12
ESC 1:50

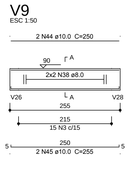


SEÇÃO A-A
ESC 1:25

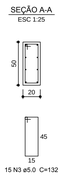


47 N3 ø5.0 C=132

V9
ESC 1:50

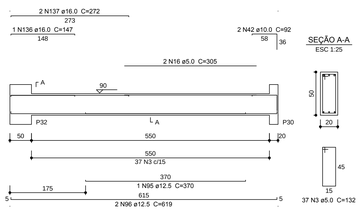


SEÇÃO A-A
ESC 1:25



15 N3 ø5.0 C=132

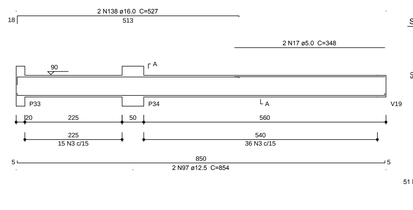
V13
ESC 1:50



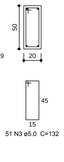
SEÇÃO A-A
ESC 1:25

37 N3 ø5.0 C=132

V14
ESC 1:50

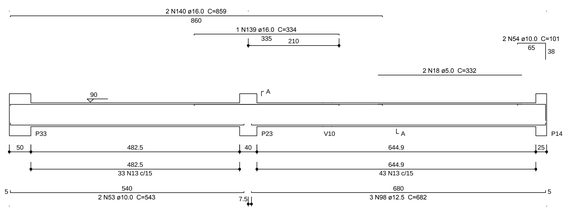


SEÇÃO A-A
ESC 1:25

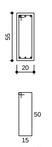


51 N3 ø5.0 C=132

V15
ESC 1:50

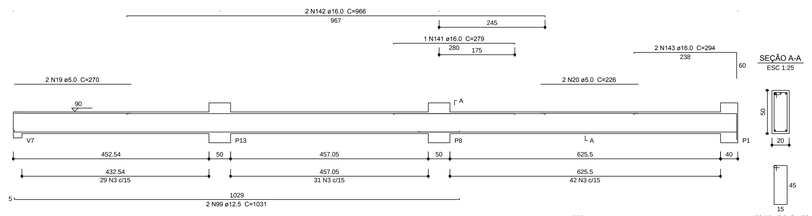


SEÇÃO A-A
ESC 1:25



76 N13 ø5.0 C=142

V16
ESC 1:50



SEÇÃO A-A
ESC 1:25

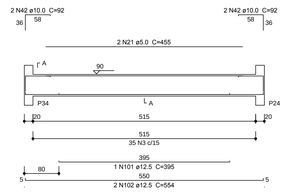
102 N3 ø5.0 C=132

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	600.8	161.7
	8.0	101.7	44.1
	10.0	294	199.4
	12.5	583.4	618.1
	16.0	321.1	567.3
	20.0	33.6	91
CA60	5.0	2192	371.6
PESO TOTAL (kg)			
CA50	1671.7		
CA60	371.6		

Volume de concreto (C-25) = 26.23 m³
Área de forma = 303.49 m²

V17
ESC 1:50



SEÇÃO A-A
ESC 1:25

35 N3 ø5.0 C=132

V19
ESC 1:50

SEÇÃO A-A
ESC 1:25

35 N3 ø5.0 C=132

V20
ESC 1:50

SEÇÃO A-A
ESC 1:25

14 N3 ø5.0 C=132

V21
ESC 1:50

SEÇÃO A-A
ESC 1:25

132 N9 ø5.0 C=152

V23
ESC 1:50

SEÇÃO A-A
ESC 1:25

107 N3 ø5.0 C=132

V25
ESC 1:50

SEÇÃO A-A
ESC 1:25

21 N3 ø5.0 C=132

V26
ESC 1:50

SEÇÃO A-A
ESC 1:25

32 N3 ø5.0 C=132

MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE LAVRAS

UFLA
REITOR: PROF. JOSÉ ROBERTO SOARES SCOLFORO
VICE - REITOR: PROF. ÉDILA VILELA RESENDE VON PINHO
PRÓ - REITOR DE ADMINISTRAÇÃO: PROF. CARLOS JOSÉ PIMENTA
PREFEITO DO CAMPUS: PROF. ÉLBERIS PEREIRA BOTREL

EMPRESA
EMPRESA:

PROJETO

TÍTULO:
DGTI - DIRETÓRIO DE GESTÃO DE TECNOLOGIA DE INFORMAÇÃO
EDIFICAÇÃO 19 TP002/2013/UFLA

CONTEÚDO:
PROJETO ESTRUTURAL - CONCRETO ARMADO
PLANTA DE FORMA - LOCAÇÃO DAS SAPATAS (COTAS POR EIXOS)

AUTOR DO PROJETO:

EXECUÇÃO DE OBRA:

DATA:	REVISÃO DATA:	PROJETO:
24/09/2013		ESTRUTURA
ESCALA: 1/50	ÁREA: (m²) 1.518,15 + 493,61 (TERRAÇO)	FOLHA: 13/24