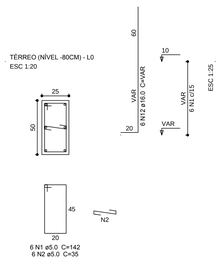
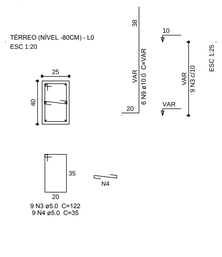
BLOCOS DA FUNDAÇÃO E ARRANQUES DE PILARES 2/2

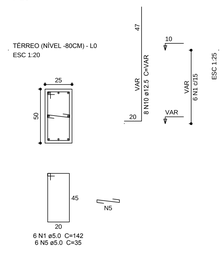
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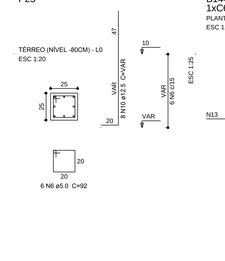
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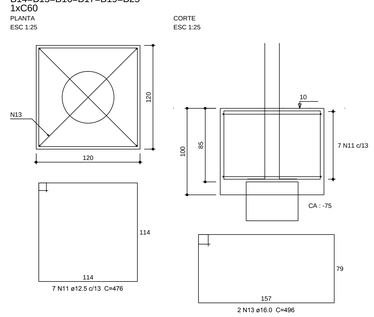
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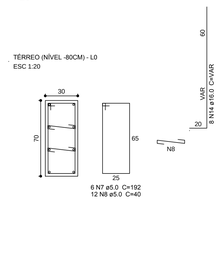
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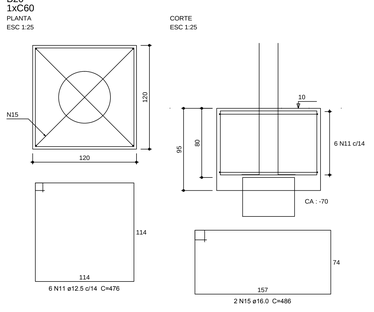
B14=B15=B16=B17=B19=B25
1xC60



P20



B30
1xC60



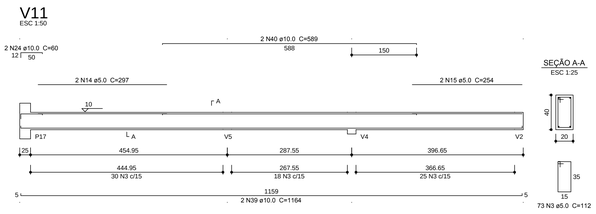
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	8.5	5.7
	12.5	252.4	267.4
	16.0	91.4	158.7
CA60	5.0	57.3	9.7
PESO TOTAL (kg)			
CA50	431.8		
CA60	9.7		

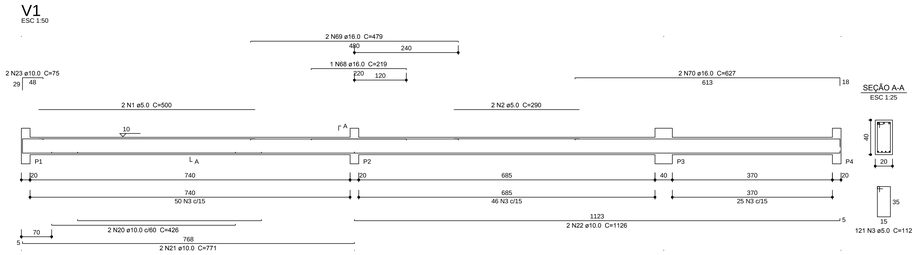
Volume de concreto (C-25) = 0.52 m³
Volume de concreto (C-20) = 9.71 m³
Área de forma = 39.47 m²

BALDRAMES

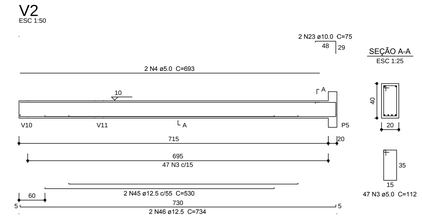
V11
ESC 1:50



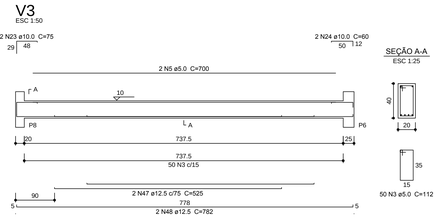
V1
ESC 1:50



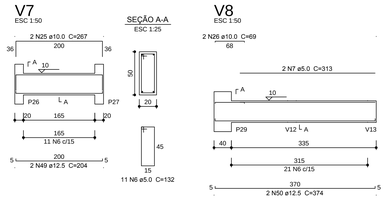
V2
ESC 1:50



V3
ESC 1:50

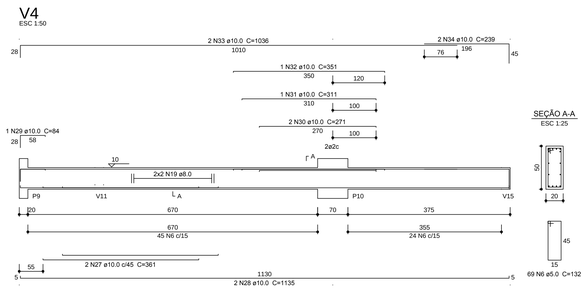


V7
ESC 1:50

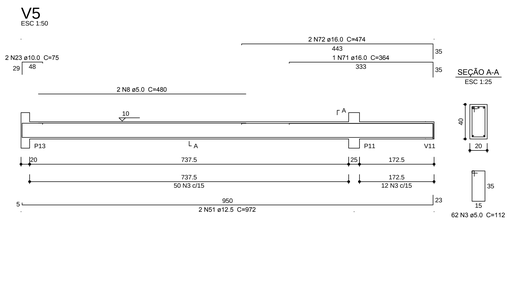


V8
ESC 1:50

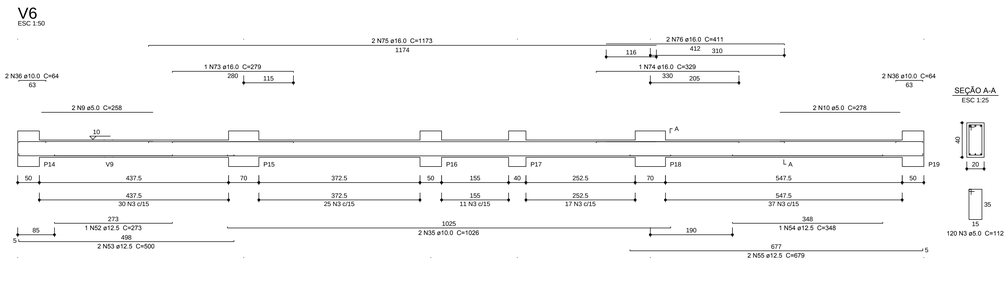
V4
ESC 1:50



V5
ESC 1:50



V6
ESC 1:50

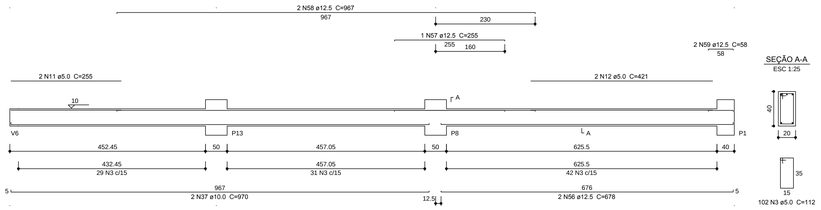


Resumo do aço

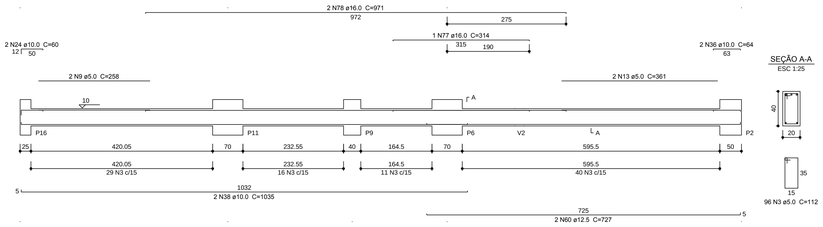
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	30.2	13.1
	10.0	277.6	188.2
	12.5	228.8	242.4
	16.0	97.8	169.7
CA60	5.0	1242.9	210.7
PESO TOTAL (kg)			
CA50	613.4		
CA60	210.7		

Volume de concreto (C-25) = 13.5 m³
Área de forma = 166.71 m²

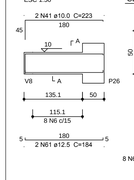
V9
ESC 1:50



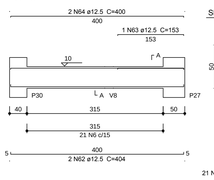
V10
ESC 1:50



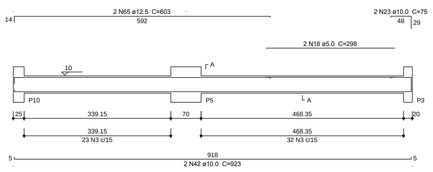
V12
ESC 1:50



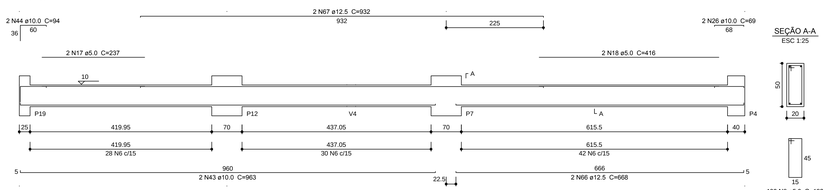
V13
ESC 1:50



V14
ESC 1:50



V15
ESC 1:50



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: 12/24