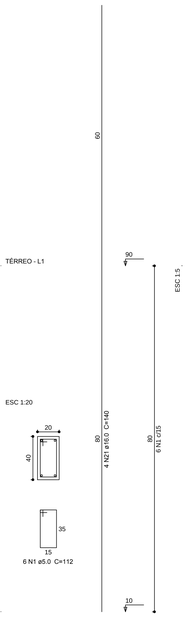
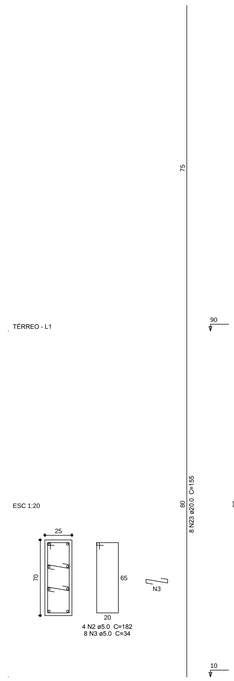
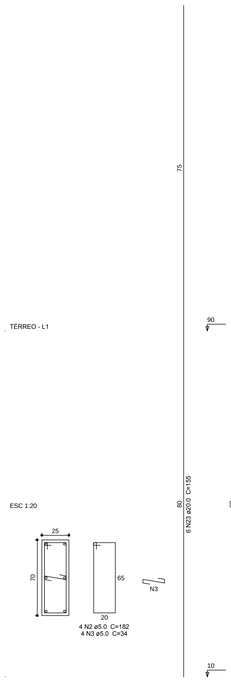
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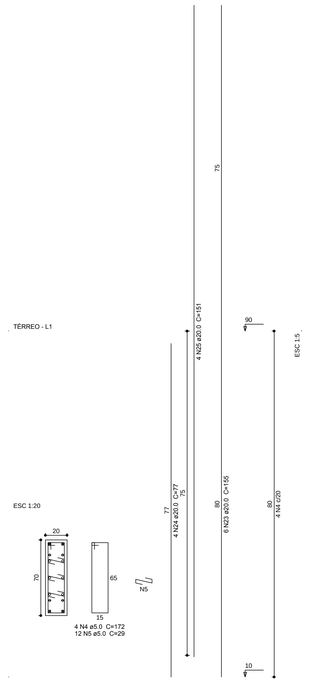
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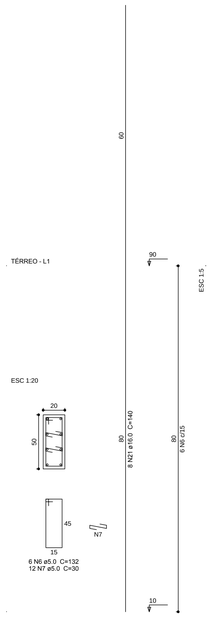
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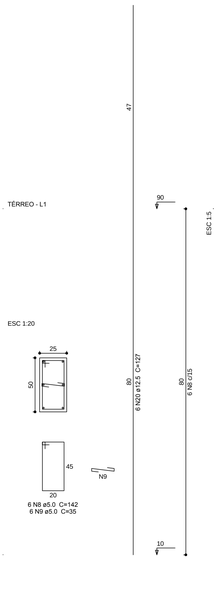
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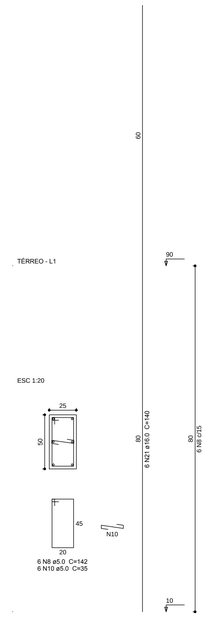
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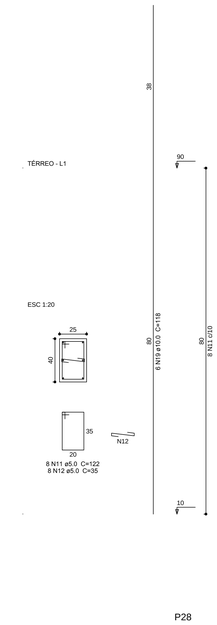
P14



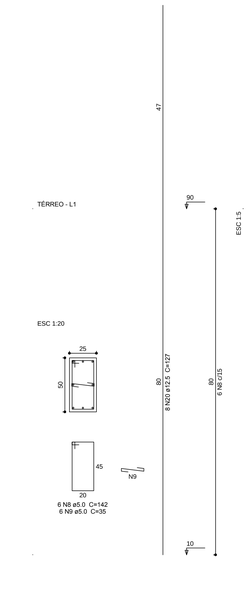
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P17



P19

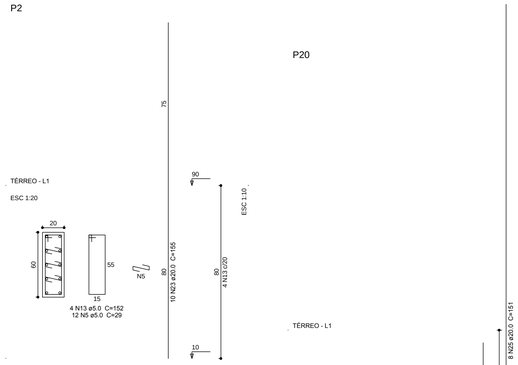


Resumo do aço

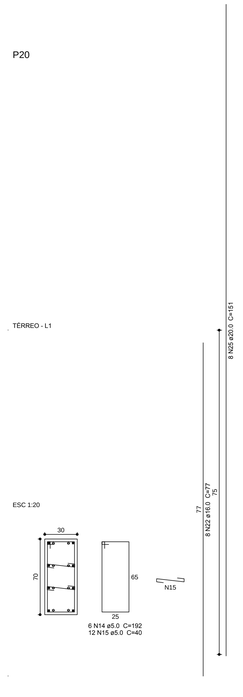
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	14.2	9.6
	12.5	35.6	37.7
	16.0	52.5	91.1
	20.0	120.4	326.6
CA60	5.0	207.7	35.2
PESO TOTAL (kg)			
CA50	465.1		
CA60	35.2		

Volume de concreto (C-25) = 2.07 m³
Área de forma = 26.08 m²

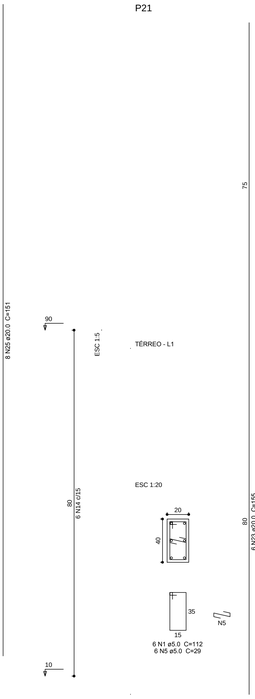
P2



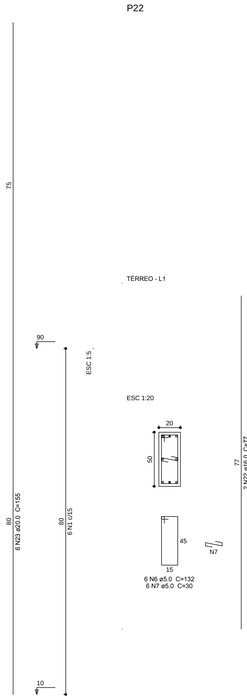
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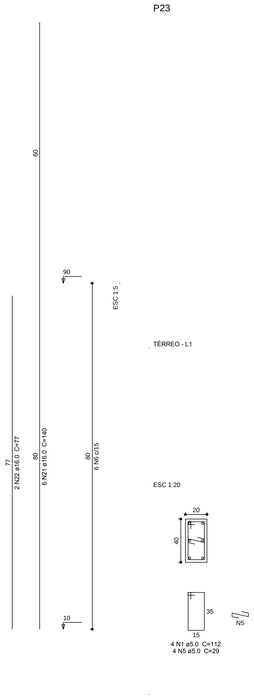
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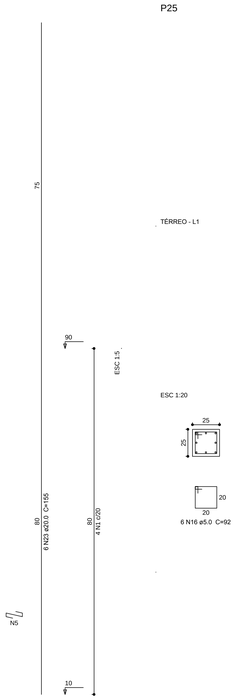
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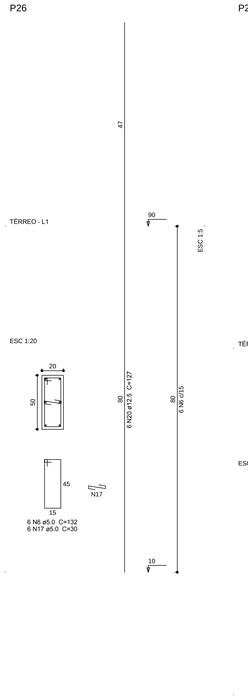
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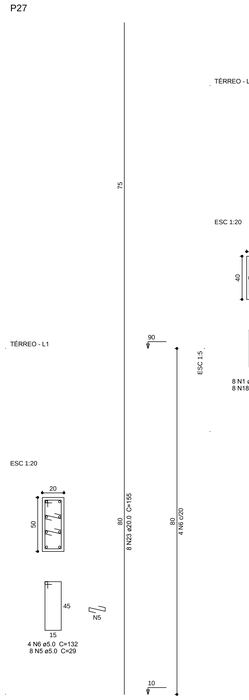
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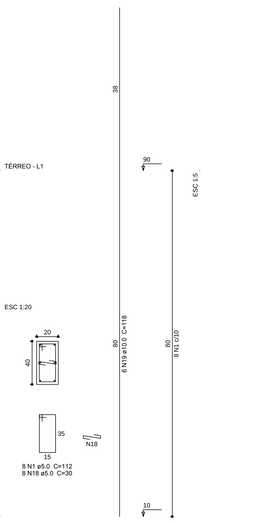
P26



P27



P28



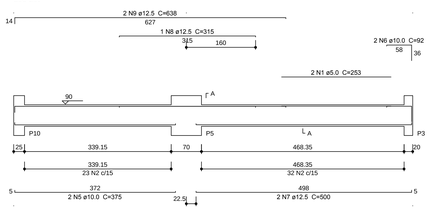
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	9.4	6.3
	12.5	81	85.8
	16.0	50.5	87.5
CA60	5.0	289.8	49.1
PESO TOTAL (kg)			
CA50	179.7		
CA60	49.1		

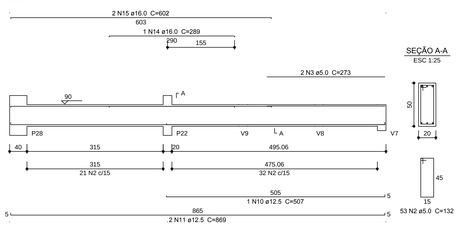
Volume de concreto (C-25) = 3.47 m³
Área de forma = 41.64 m²

VIGAS 1/2

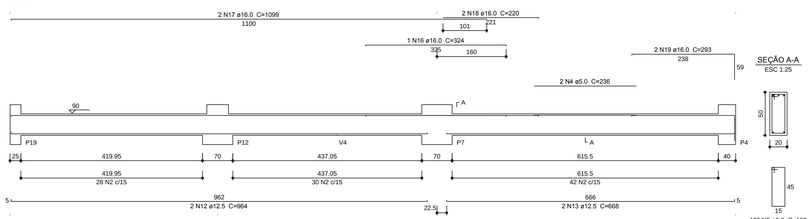
V27
ESC 1:50



V28
ESC 1:50



V29
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: 08/24