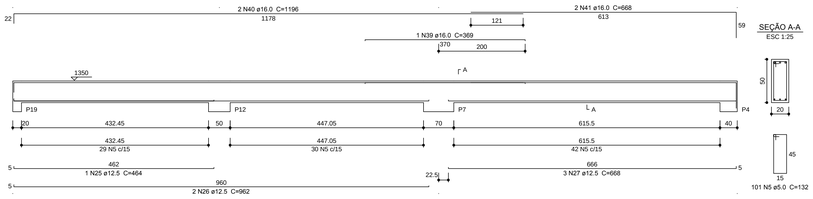
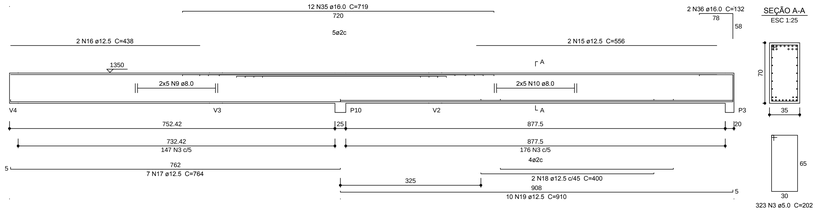
V22
ESC 1:50



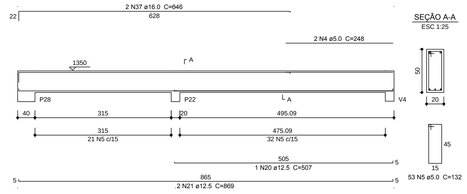
SEÇÃO A-A
ESC 1:25

V20
ESC 1:50



SEÇÃO A-A
ESC 1:25

V21
ESC 1:50



SEÇÃO A-A
ESC 1:25

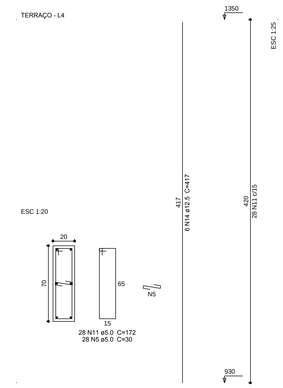
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	56	15.1
	8.0	169	73.4
	10.0	1.4	0.9
	12.5	305.3	323.5
	16.0	129.7	225
CA60	5.0	1009.3	171.1

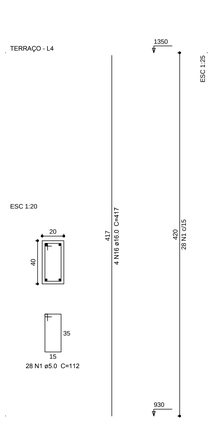
PESO TOTAL (kg)	
CA50	637.9
CA60	171.1

Volume de concreto (C-25) = 8.27 m³
Área de forma = 79.08 m²

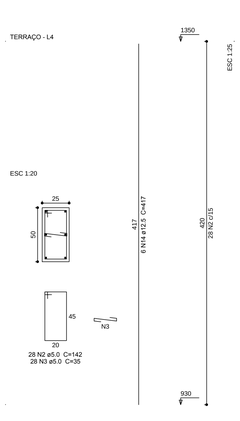
P7



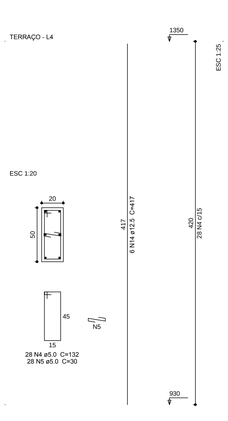
P1=P21



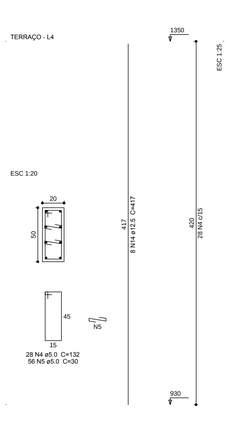
P11



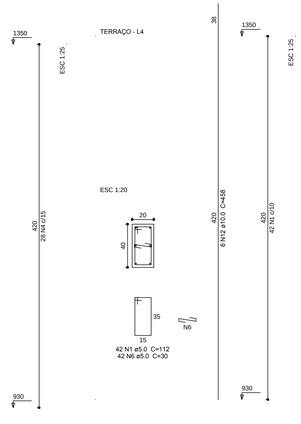
P12=P13=P14=P16



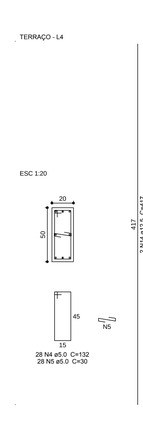
P15



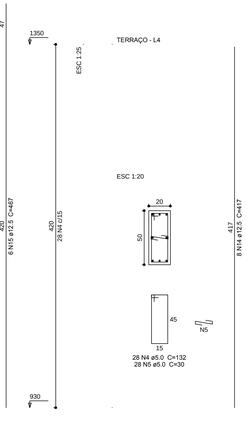
P17



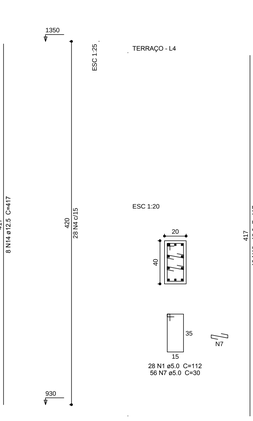
P18



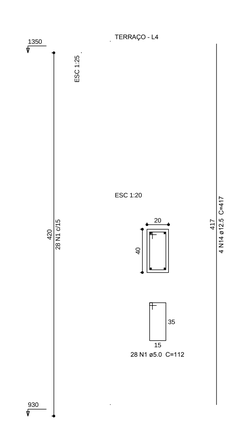
P19



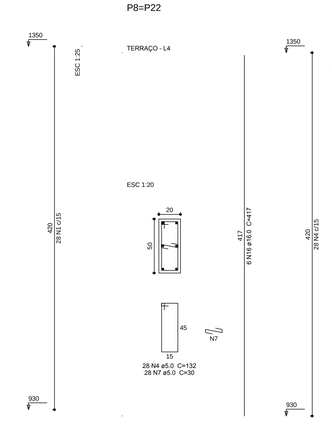
P2



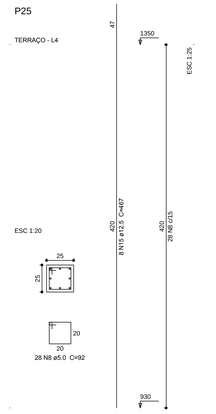
P23



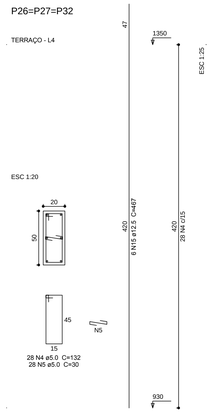
P8=P22



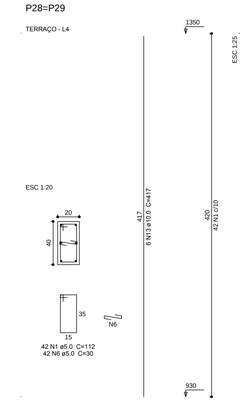
P25



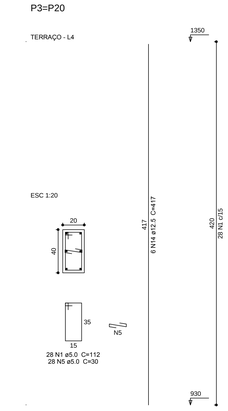
P26=P27=P32



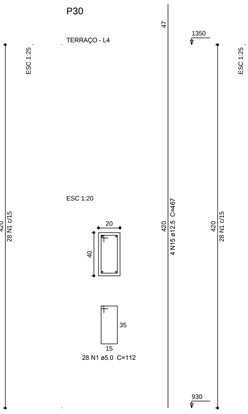
P28=P29



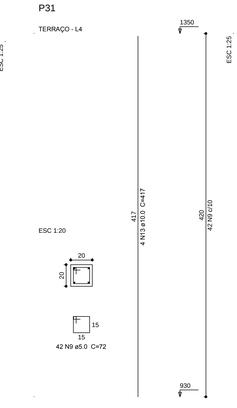
P3=P20



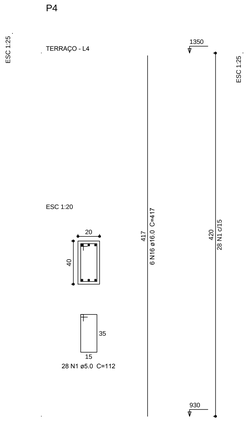
P30



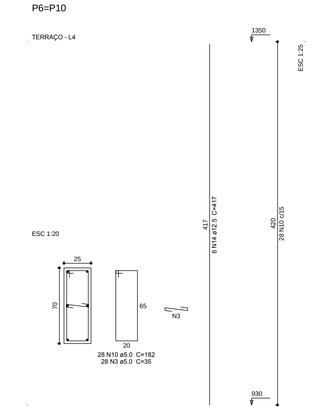
P31



P4



P6=P10



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	94.2	63.9
	12.5	510.1	540.5
	16.0	150.2	260.6
CA60	5.0	1299.8	220.4

PESO TOTAL (kg)	
CA50	865
CA60	220.4

Volume de concreto (C-25) = 11.75 m³
Área de forma = 163.38 m²

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

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

CONTEUDO:
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: 23/24