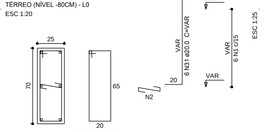
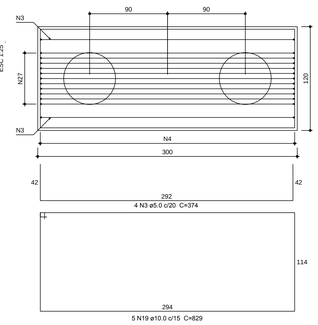
P18

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N1 ø5.0 C=182
6 N2 ø5.0 C=34

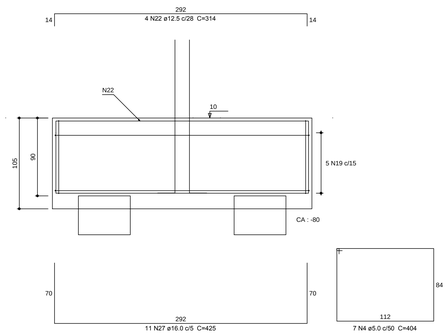
B18
2xC60
PLANTA
ESC 1:25



4 N3 ø5.0 c/20 C=374

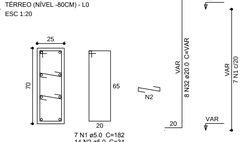
5 N19 ø10.0 c/15 C=829

CORTE
ESC 1:25



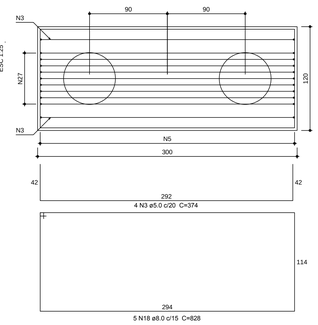
P10

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



7 N1 ø5.0 C=182
14 N2 ø5.0 C=34

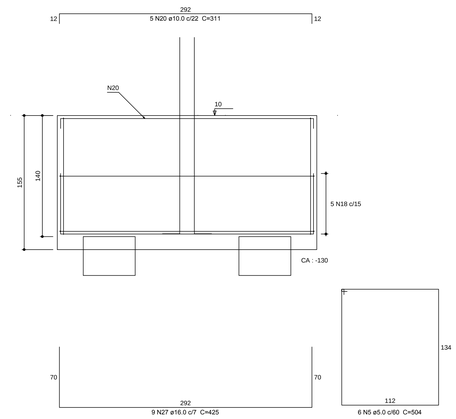
B10
2xC60
PLANTA
ESC 1:25



4 N3 ø5.0 c/20 C=374

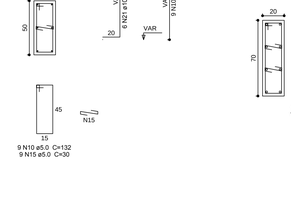
5 N18 ø8.0 c/15 C=828

CORTE
ESC 1:25



P11

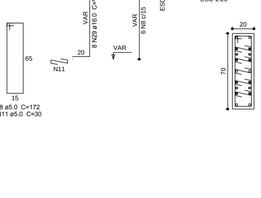
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



7 N1 ø5.0 C=182
7 N2 ø5.0 C=34

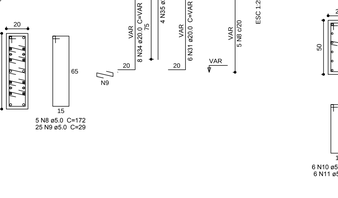
P6

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



9 N1 ø5.0 C=182
18 N6 ø5.0 C=35

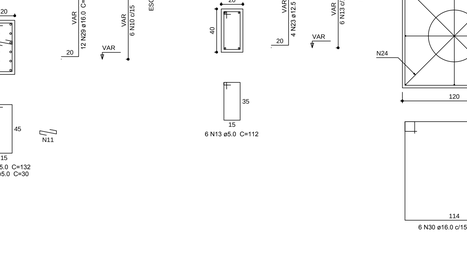
B6=B11
2xC60
PLANTA
ESC 1:25



4 N3 ø5.0 c/20 C=374

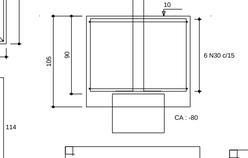
5 N18 ø8.0 c/15 C=828

CORTE
ESC 1:25



P12

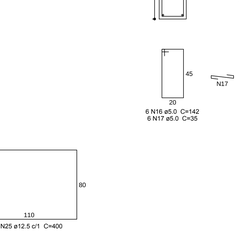
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



5 N8 ø5.0 C=172
15 N9 ø5.0 C=29

P13

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N10 ø5.0 C=132
12 N11 ø5.0 C=30

P2

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20

5 N12 ø5.0 C=152
15 N9 ø5.0 C=29

P15

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20

5 N1 ø5.0 C=182
10 N2 ø5.0 C=34

Resumo do aço

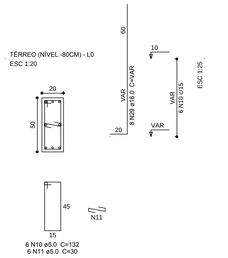
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	124.2	53.9
	10.0	105.7	71.6
	12.5	460.7	488.1
	16.0	905	1571.1
	20.0	163.7	443.9
CA60	5.0	485.6	82.3

PESO TOTAL (kg)	
CA50	2628.6
CA60	82.3

Volume de concreto (C-25) = 3.06 m³
Volume de concreto (C-20) = 52.15 m³
Área de forma = 197.49 m²

P22

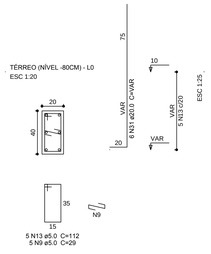
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N10 ø5.0 C=132
6 N11 ø5.0 C=30

P21=P23

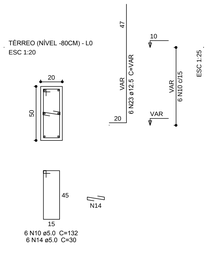
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



5 N13 ø5.0 C=112
5 N9 ø5.0 C=29

P26

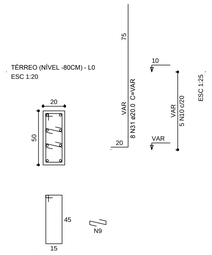
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N10 ø5.0 C=132
6 N14 ø5.0 C=30

P27

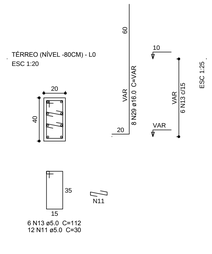
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



5 N10 ø5.0 C=132
10 N9 ø5.0 C=29

P3

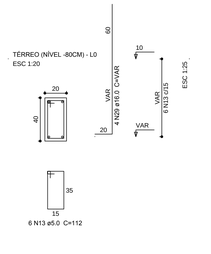
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N13 ø5.0 C=112
12 N11 ø5.0 C=30

P1=P4=P30

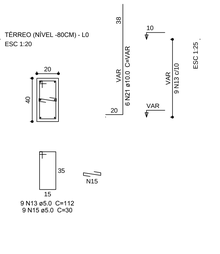
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N13 ø5.0 C=112

P28

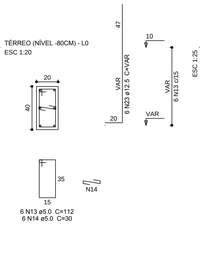
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



9 N13 ø5.0 C=112
9 N15 ø5.0 C=30

P29

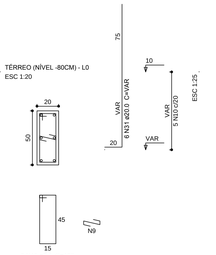
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N13 ø5.0 C=112
6 N14 ø5.0 C=30

P32

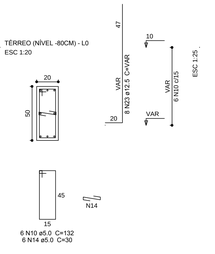
TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



5 N10 ø5.0 C=132
5 N9 ø5.0 C=29

P33

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N10 ø5.0 C=132
6 N14 ø5.0 C=30

P34

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20

9 N10 ø5.0 C=132
9 N15 ø5.0 C=30

P5

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20

6 N8 ø5.0 C=172
12 N11 ø5.0 C=30

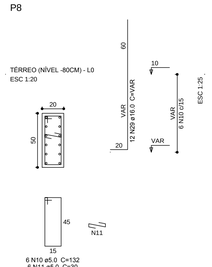
P7

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20

5 N8 ø5.0 C=172
25 N9 ø5.0 C=29

P8

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N10 ø5.0 C=132
6 N11 ø5.0 C=30

P9=P24

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20

6 N13 ø5.0 C=112

B1=B2=B3=B4=B5=B7=B8=B9=B12=B13=B21=B22 =B23=B24=B26=B27=B28=B29=B30=B32=B33 =B34

1xC60
PLANTA
ESC 1:25

6 N30 ø16.0 c/15 C=480

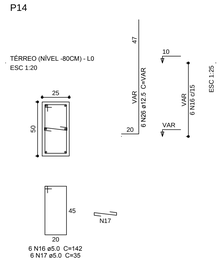
CORTE
ESC 1:25

2 N24 ø12.5 C=500

2 N25 ø12.5 c/1 C=400

P14

TÉRREO (NÍVEL -80CM) - L0
ESC 1:20



6 N16 ø5.0 C=142
6 N17 ø5.0 C=35

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: 07/24