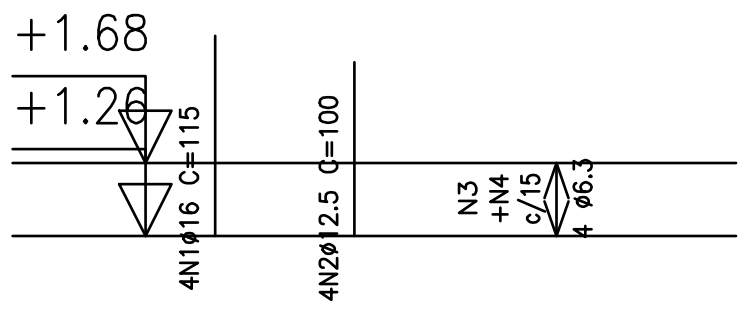
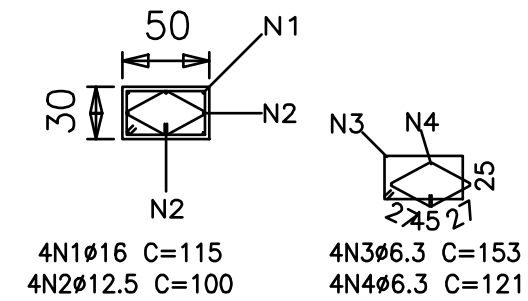


Resumo Aço Piso 3 Pilares	Comp. total (m)	Peso+10% (kg)	Total
CA-50-A $\varnothing 6.3$	79.8	22	220
$\varnothing 10$	94.1	65	
$\varnothing 12.5$	48.8	53	
$\varnothing 16$	30.0	52	
$\varnothing 20$	10.4	28	
CA-60-B $\varnothing 5$	211.4	37	37
Total			257

Pilares que terminam em
Piso 3
Concreto: C20, em geral
Aço: CA-50-A e CA-60-B
Escala: 1:100

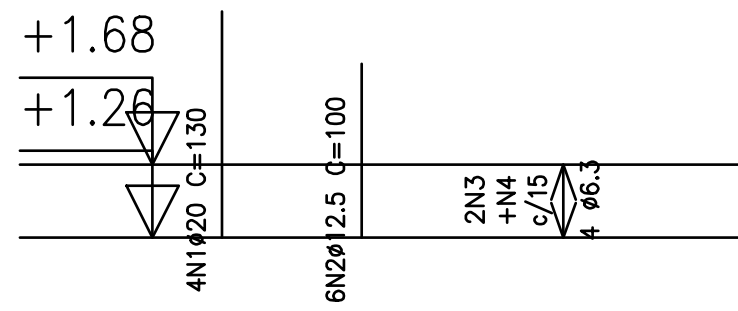
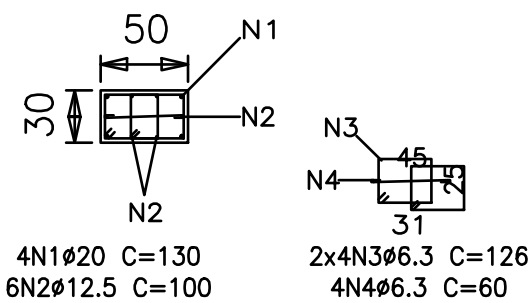
P3

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	$\varnothing 16$	4	115	460
"	2	$\varnothing 12.5$	4	100	400
"	3	$\varnothing 6.3$	4	153	612
"	4	$\varnothing 6.3$	4	121	484



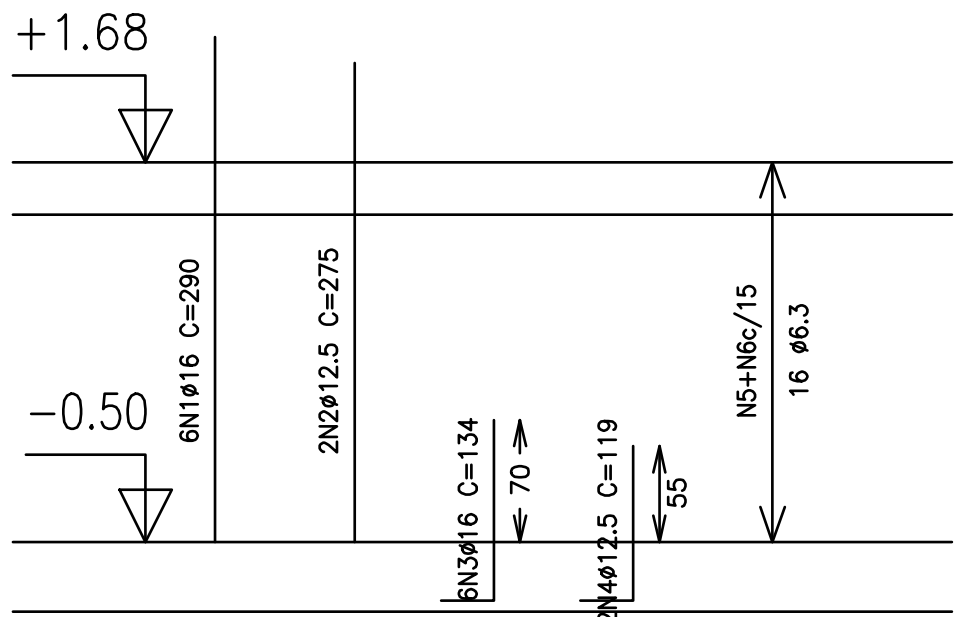
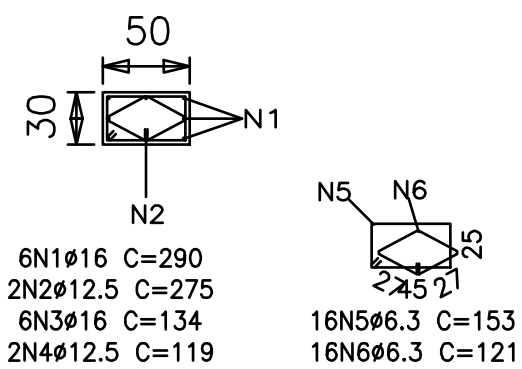
P4=P11

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x 2 (cm)
CA-50-A	1	$\varnothing 20$	4	130	520	1040
"	2	$\varnothing 12.5$	6	100	600	1200
"	3	$\varnothing 6.3$	8	126	1008	2016
"	4	$\varnothing 6.3$	4	60	240	480



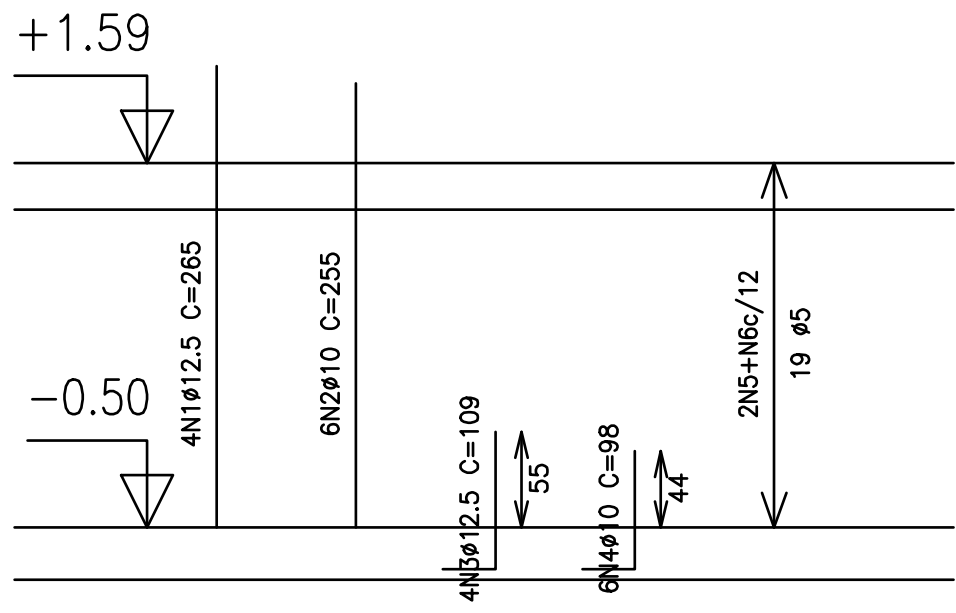
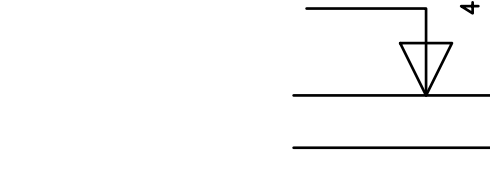
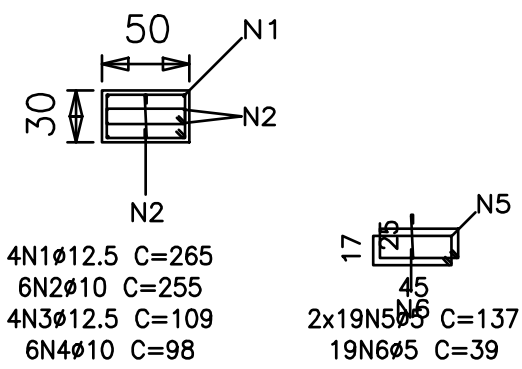
P5

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	$\varnothing 16$	6	290	1740
"	2	$\varnothing 12.5$	2	275	550
"	3	$\varnothing 16$	6	134	804
"	4	$\varnothing 12.5$	2	119	238
"	5	$\varnothing 6.3$	16	153	2448
"	6	$\varnothing 6.3$	16	121	1936



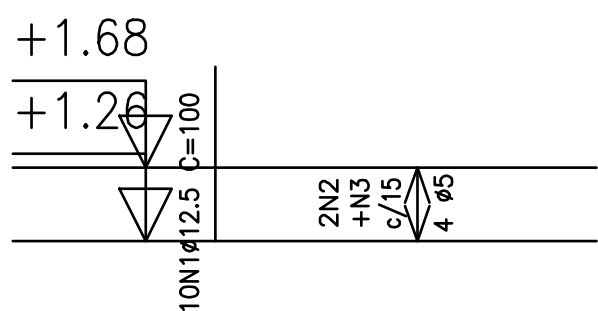
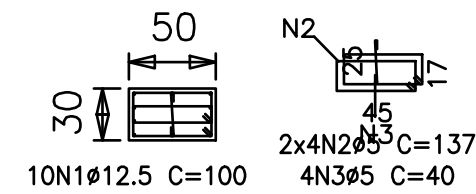
P12

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	$\varnothing 12.5$	4	265	1060
"	2	$\varnothing 10$	6	255	1530
"	3	$\varnothing 12.5$	4	109	436
"	4	$\varnothing 10$	6	98	588
CA-60-B	5	$\varnothing 5$	38	137	5206
"	6	$\varnothing 5$	19	39	741



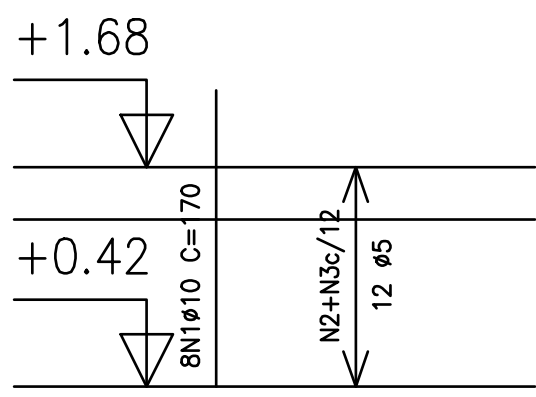
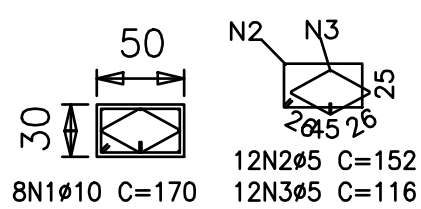
P10

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	$\varnothing 12.5$	10	100	1000
CA-60-B	2	$\varnothing 5$	8	137	1096
"	3	$\varnothing 5$	4	40	160



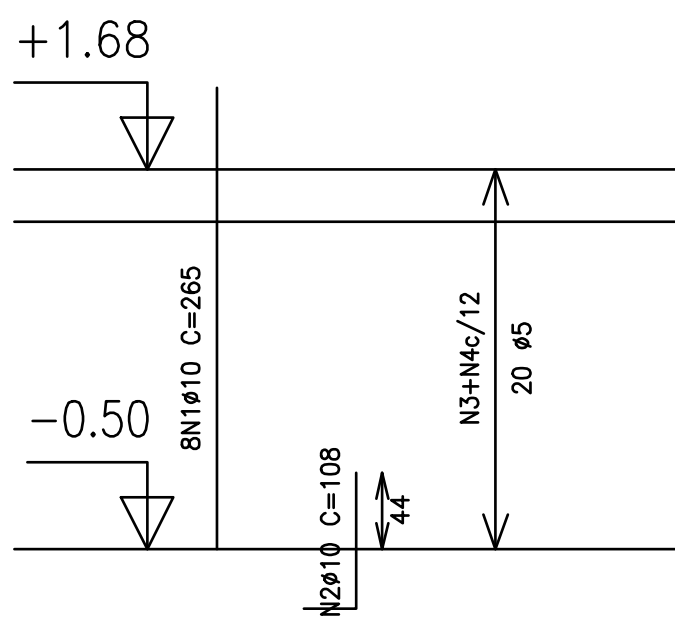
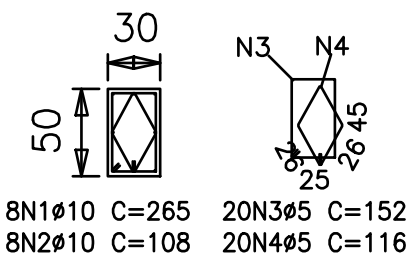
P6

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	$\varnothing 10$	8	170	1360
CA-60-B	2	$\varnothing 5$	12	152	1824
"	3	$\varnothing 5$	12	116	1392



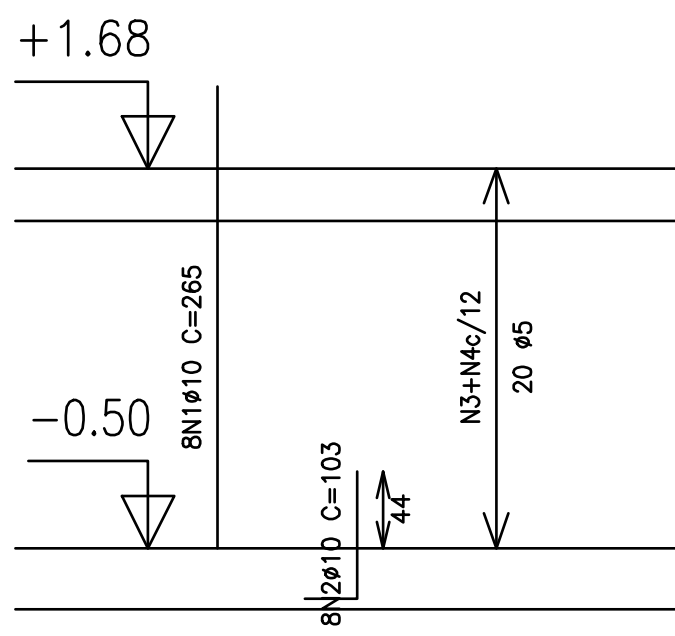
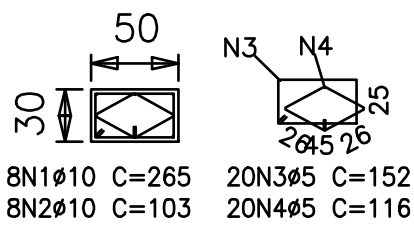
P17

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	$\varnothing 10$	8	265	2120
"	2	$\varnothing 10$	8	108	864
CA-60-B	3	$\varnothing 5$	20	152	3040
"	4	$\varnothing 5$	20	116	2320



P23

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	$\varnothing 10$	8	265	2120
"	2	$\varnothing 10$	8	103	824
CA-60-B	3	$\varnothing 5$	20	152	3040
"	4	$\varnothing 5$	20	116	2320



RAMPA DO RESTAURANTE
CAMPUS TÓFILO OTONI

AVENIDA DR. LUIS BOALI PORTO SALMAN, S/Nº - BAIRRO IPIRANGA - TEOFILO OTONI/MG

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO
JEQUITINHONHA E MUCURI

CNPJ
16.888.315/0001-57

OBSERVAÇÕES

CONFERIR MEDIDAS NA OBRA

TÍTULO

PROJETO DA RAMPA DO RESTAURANTE

AUTOR PROJETO:

ROBSON NOGUEIRA GOMES - CREA 111839/D

VERSÃO:

VERSÃO 1

DATA:

22.05.2013

AUTOCAD:

FOLHA:

26/66