

Cor des.	Espresso (mm)
1	0,2
2	0,6
3	0,4
4	0,3
5	0,1
6	0,1
7	0,6
8	0,8
9	0,2
10	1,0
11	0,2
12	0,2
13	0,2
14	0,1
15	0,09
20	Use Objeto Color.
249	Plot Color.
250	0,1 67%
251	0,1 54%
252	0,1 40%
253	0,1 28%
254	0,1 13%

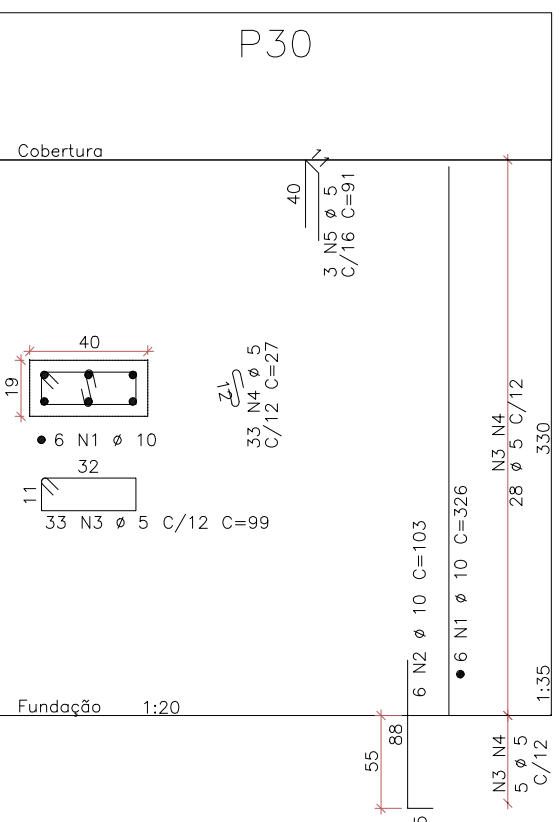
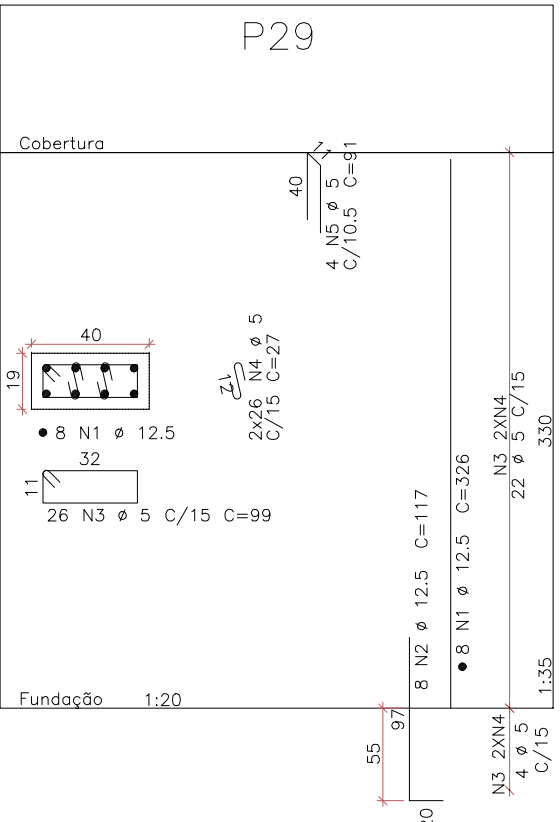
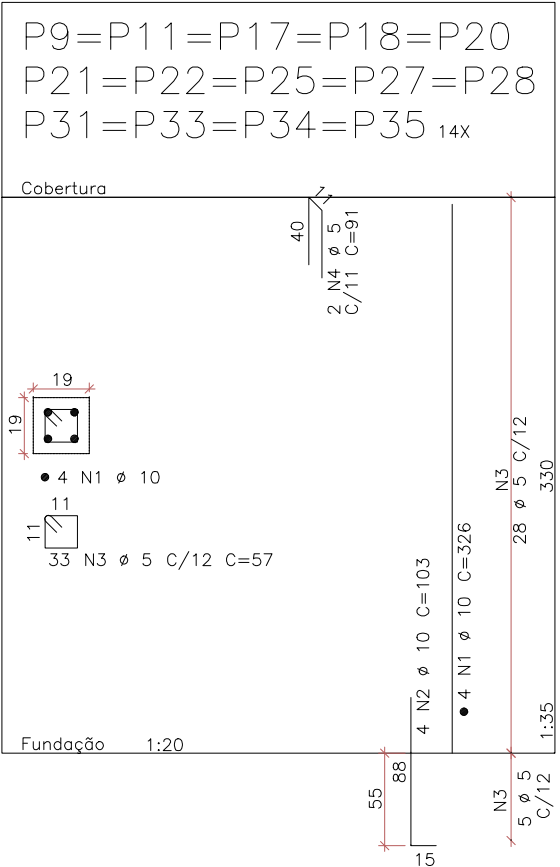
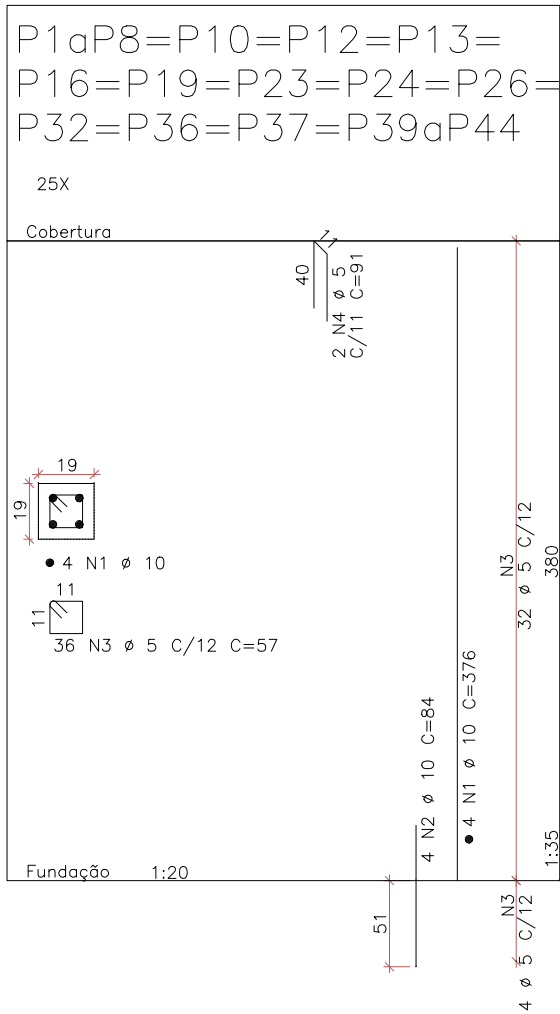
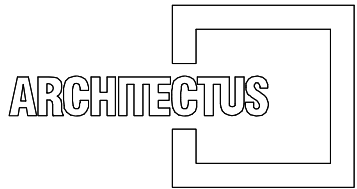
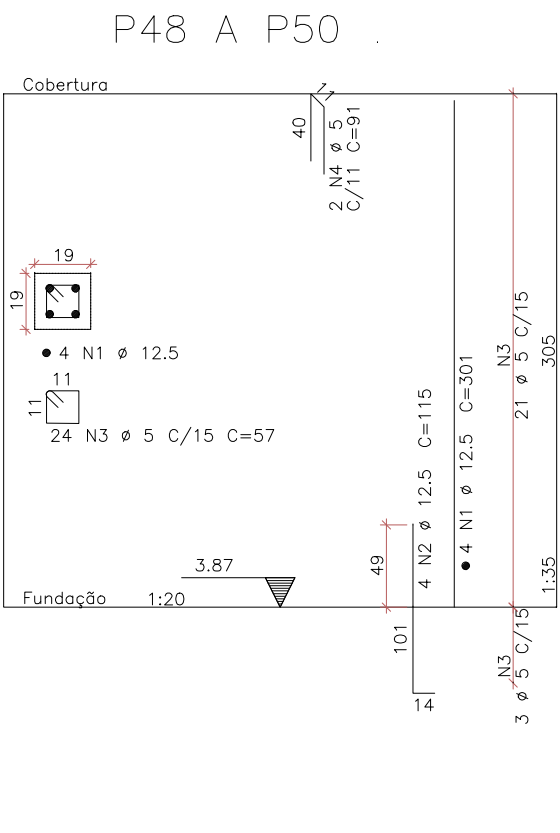
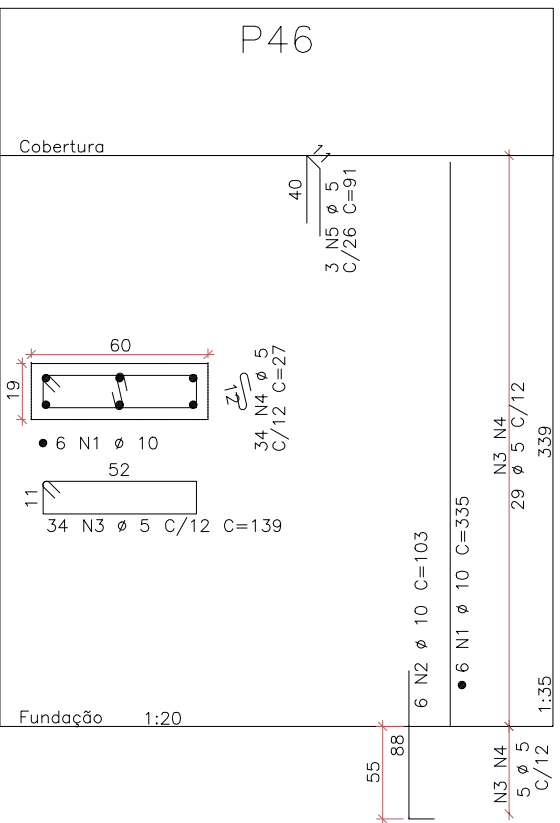
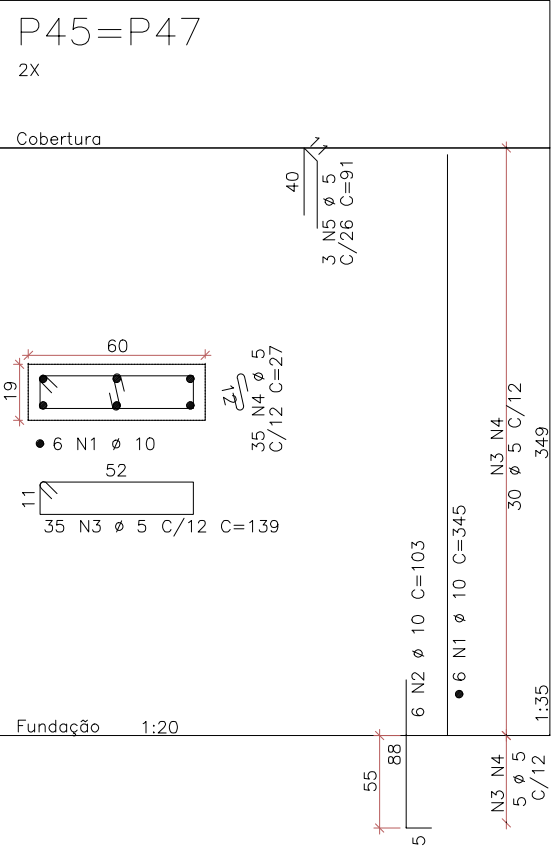
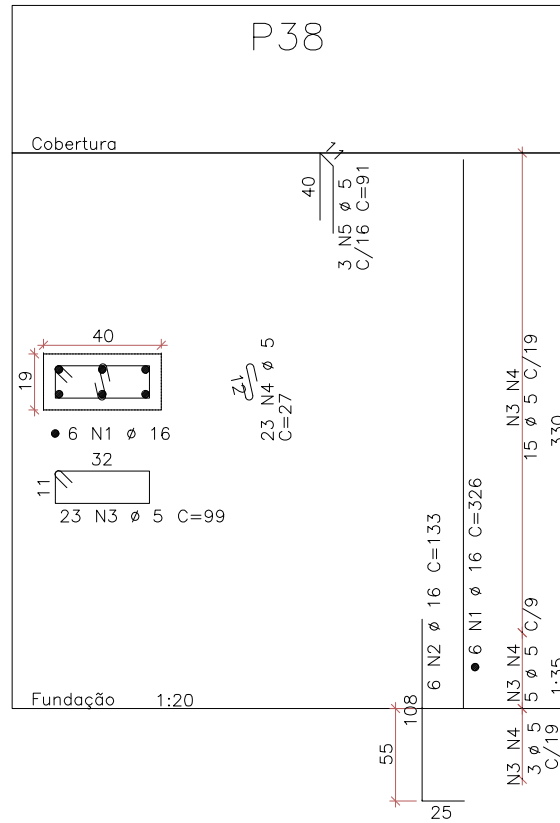


TABELA DE FERROS					
ELEM.	POS.	QUANT.	COMPRIMENTO		
		(mm)	UNIT	TOTAL	
			(cm)	(cm)	
P10	P8 = P10 = P12 = P13 =	(X25)			
	1	10	100	376	37600
	2	10	10	84	8400
	3	5	900	57	51300
	4	5	50	91	4550
P9	P11 = P17 = P18 = P20	(X14)			
	1	10	56	326	18256
	2	10	56	103	5768
	3	5	140	91	12740
	4	5	28	91	2548
P29					
	1	12,5	8	326	2608
	2	12,5	8	117	936
	3	5	99	91	2574
	4	5	52	27	1404
	5	5	4	91	364
P30					
	1	10	6	326	1956
	2	10	6	103	618
	3	5	33	91	3003
	4	5	3	91	273
P38					
	1	16	6	326	1956
	2	16	5	135	798
	3	5	29	91	2277
	4	5	23	27	621
	5	5	3	91	273
P45 = P47	(X2)				
	1	10	12	345	4140
	2	10	10	126	1260
	3	5	70	139	9730
	4	5	70	27	1890
	5	5	8	91	546
P46					
	1	10	6	335	2010
	2	10	6	103	618
	3	5	34	139	4726
	4	5	27	91	2478
	5	5	3	91	273
P48 A P50	(X4)				
	1	12,5	16	301	4816
	2	12,5	16	115	1840
	3	5	98	57	5472
	4	5	9	91	728

RESUMO AÇO CA 50-60			
BITOLA (mm)	COMPR (m)		PESO (kg)
5	1210		186
10	806		497
12.5	102		98
16	25		43
Peso Total	60	=	186 kg
Peso Total	50	=	639 kg



R. Canuto de Aguiar, n.1401
Fortaleza/CE – Tel:(85)3456-5000
architectusbr@gmail.com

MHA Engenharia Ltda
Alameda Araguaia, 2.104, 2º andar
Barueri/SP – Tel.(011)2078 9000
<http://www.mha.com.br>

NOTAS

- 01 - MEDIDAS EM CENTÍMETROS
02 - TABELA DE ARMADURA SEM A CONSIDERAÇÃO DE PERDAS
03 - COBRIMENTO PILARES = 4,0cm.
04 - COBRIMENTO BLOCOS = 4,0 cm.

DETALHES CONSTRUTIVOS:

