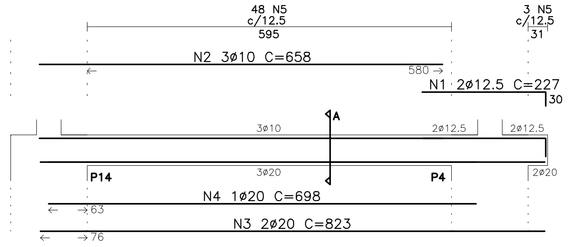
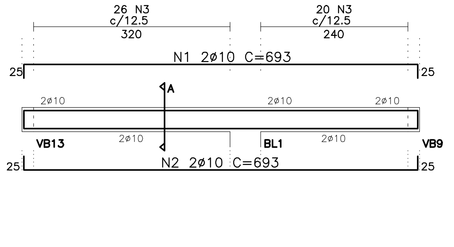
ESC. PLOT. 1=20
A0 841x1189
CORES/ESP.
RED 0,20
YELLOW 0,50
GREEN 0,30
CYAN 0,40
BLUE 0,30
MAGENTA 0,10
WHITE 0,70
COR 8 0,30

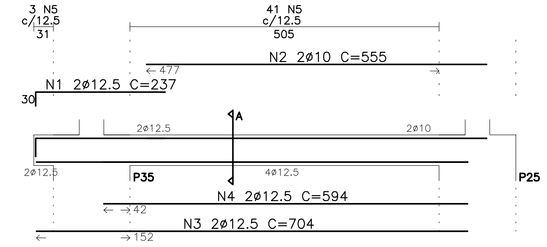
VB25 (19/50)



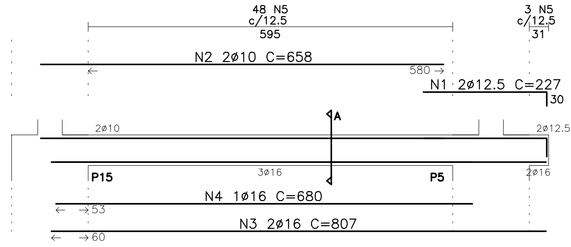
VB26 (19/40)



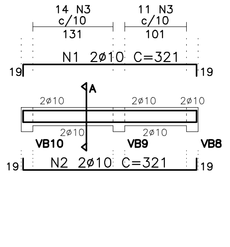
VB27 (19/50)



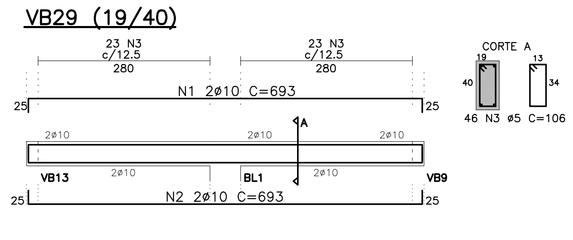
VB28 (19/50)



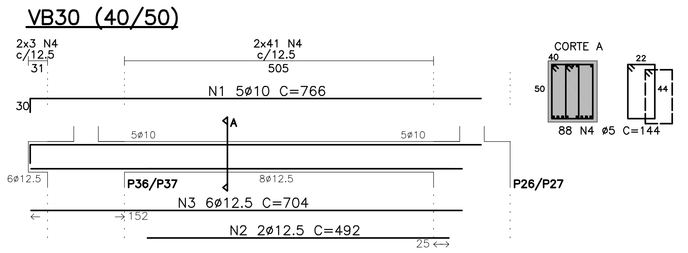
VB36 (19/30)



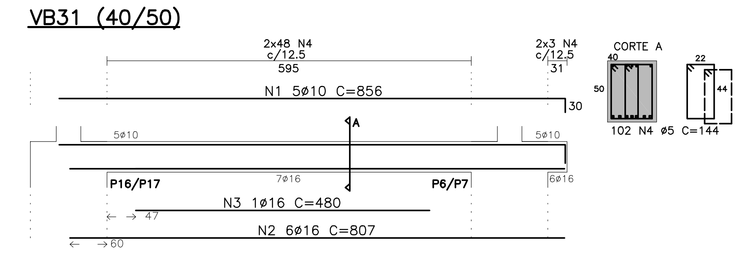
VB29 (19/40)



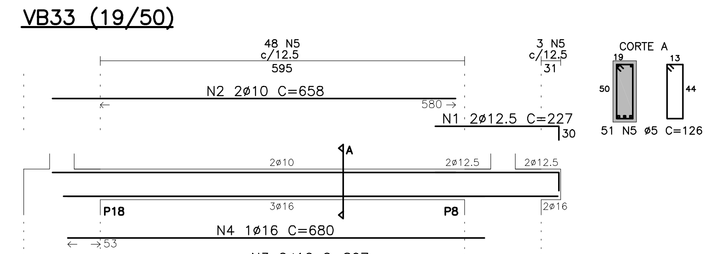
VB30 (40/50)



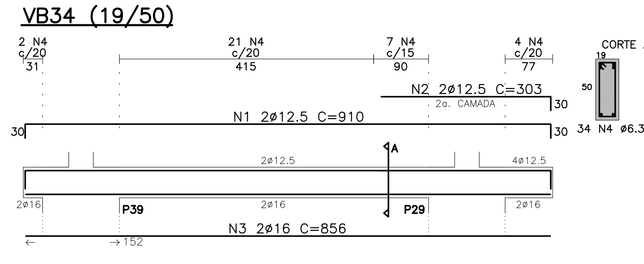
VB31 (40/50)



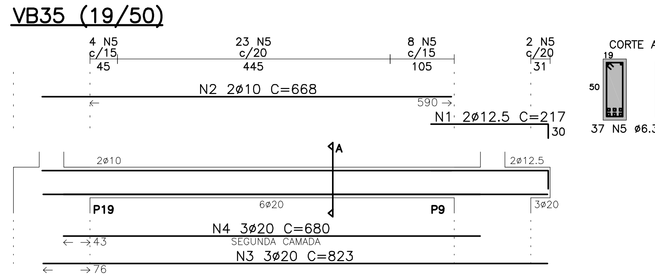
VB33 (19/50)



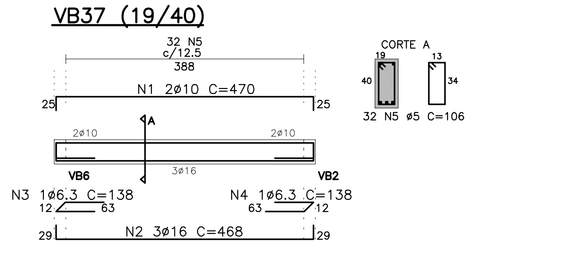
VB34 (19/50)



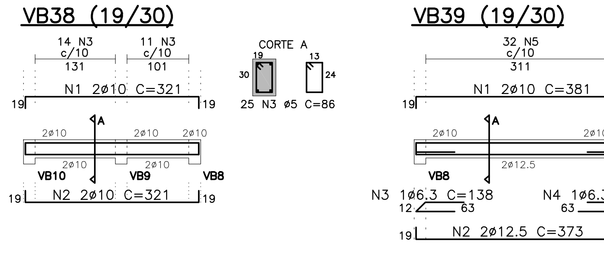
VB35 (19/50)



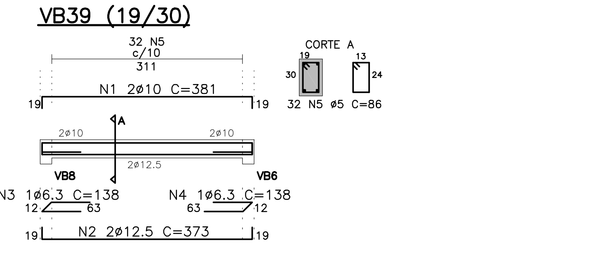
VB37 (19/40)



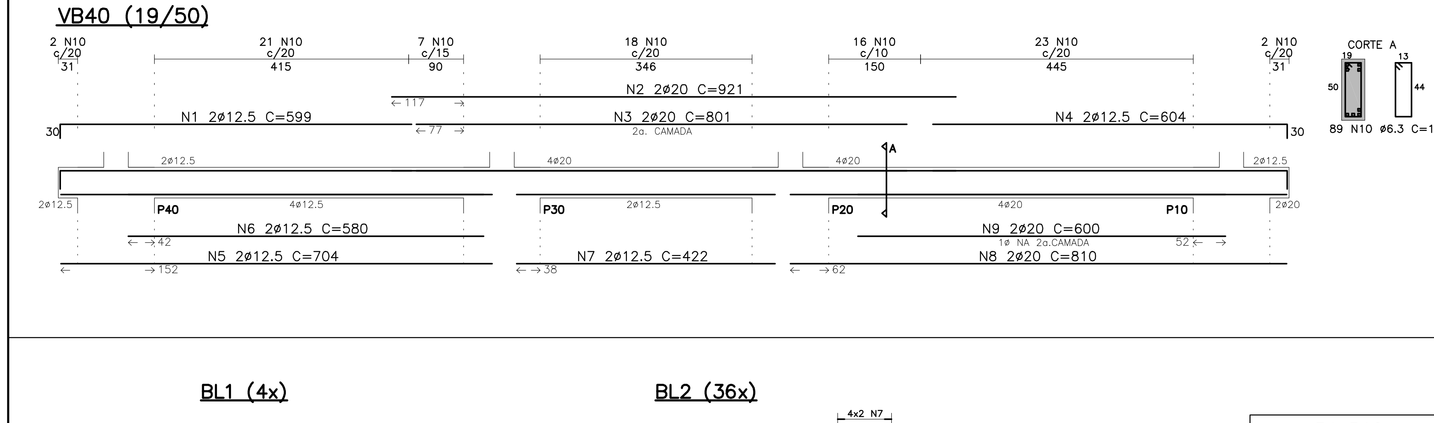
VB38 (19/30)



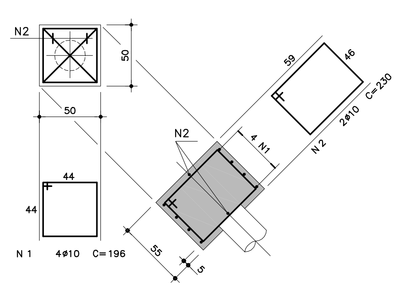
VB39 (19/30)



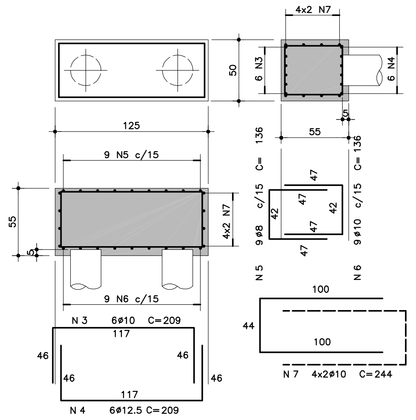
VB40 (19/50)



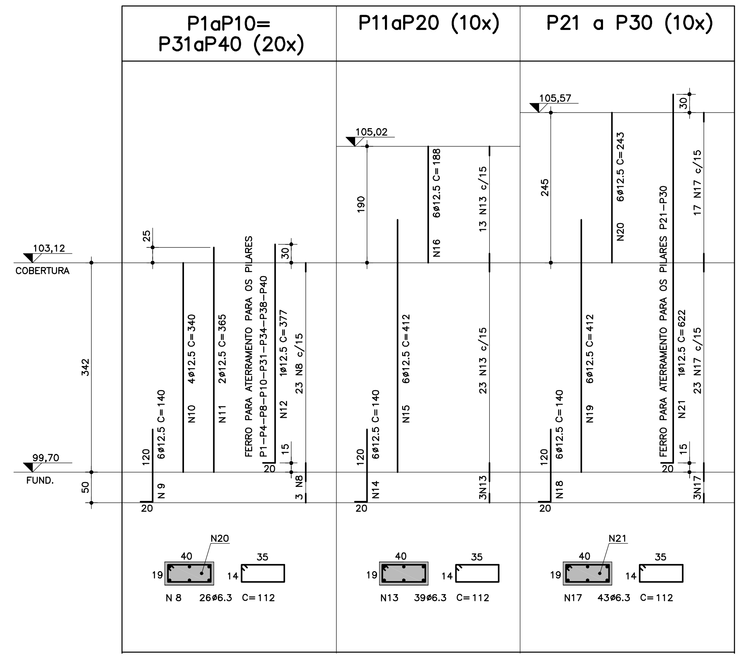
BL1 (4x)



BL2 (36x)

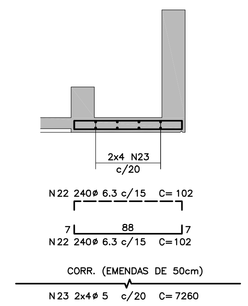


P1aP10= P31aP40 (20x) / P11aP20 (10x) / P21 a P30 (10x)



LM101 A LM116 H=12

ESC. 1:25



LISTA DE FERROS

POS.	ø	QUANT.	COMPRIMENTO UNIT.	COMPRIMENTO TOTAL
1	10	16	196	3136
2	10	8	230	1840
3	10	216	209	45144
4	12.5	216	209	45144
5	8	324	136	44064
6	10	324	136	44064
7	10	288	244	70272
8	6.3	520	112	58240
9	12.5	120	140	16800
10	12.5	80	340	27200
11	12.5	40	365	14600
12	12.5	8	377	3016
13	6.3	390	112	43680
14	12.5	60	140	8400
15	12.5	60	412	24720
16	12.5	60	188	11280
17	6.3	430	112	48160
18	12.5	60	140	8400
19	12.5	60	412	24720
20	12.5	60	243	14580
21	12.5	2	622	1244
22	6.3	480	102	48960
23	5	8	7260	58080

RESUMO DE ACO C.A. 50

ø	COMPRIMENTO (m)	PESO (kg)
6.3	1990.40	498
8	440.64	176
10	1644.56	1036
12.5	2001.04	2001
16		
20		
25		
TOTAL (kg)		3711

RESUMO DE ACO C.A. 60

ø	COMPRIMENTO (m)	PESO (kg)
5	580.80	89
6		
TOTAL (kg)		89

VB40

N	ø	Q	UNI	TOTAL
1	12.5	2	599	1198
2	20	2	921	1842
3	20	2	801	1602
4	20	1	604	698
5	5	51	126	6426
6	12.5	2	580	1160
7	12.5	2	422	844
8	20	2	810	1620
9	20	2	600	1200
10	6.3	89	128	11392

RESUMO DAS VIGAS DA FUNDAÇAO (02/02)

ACO	ø	COMPR(cm)	PESO(kg)
60B	5	72588	117
50A	6.3	21032	53
50A	8	–	–
50A	10	24976	158
50A	12.5	19064	191
50A	16	13026	209
50A	20	13117	328
50A	25	–	–
PESO TOTAL (kg)			1056

VB25

N	ø	Q	UNI	TOTAL
1	12.5	2	227	454
2	10	3	658	1974
3	20	2	823	1646
4	20	1	698	698
5	5	51	126	6426

VB26

N	ø	Q	UNI	TOTAL
1	10	2	693	1386
2	10	2	693	1386
3	5	46	106	4876

VB27

N	ø	Q	UNI	TOTAL
1	12.5	2	237	474
2	10	2	555	1110
3	12.5	2	704	1408
4	12.5	2	594	1188
5	5	44	126	5544

VB28

N	ø	Q	UNI	TOTAL
1	12.5	2	227	454
2	10	2	658	1316
3	16	2	807	1614
4	16	1	680	680
5	5	51	126	6426

VB29

N	ø	Q	UNI	TOTAL
1	10	2	693	1386
2	10	2	693	1386
3	5	46	106	4876

VB30

N	ø	Q	UNI	TOTAL
1	10	5	766	3830
2	12.5	2	492	984
3	12.5	6	704	4224
4	5	88	145	12760

VB31

N	ø	Q	UNI	TOTAL
1	10	5	856	4280
2	16	6	807	4842
3	16	1	480	480
4	5	102	145	14790

VB33

N	ø	Q	UNI	TOTAL
1	12.5	2	227	454
2	10	2	658	1316
3	16	2	807	1614
4	16	1	680	680
5	5	51	126	6426

VB34

N	ø	Q	UNI	TOTAL
1	12.5	2	910	1820
2	12.5	2	303	606
3	16	2	856	1712
4	6.3	34	128	4352

VB35

N	ø	Q	UNI	TOTAL
1	12.5	2	217	434
2	10	3	668	1336
3	20	3	823	2469
4	20	3	680	2040
5	6.3	37	128	4736

VB36

N	ø	Q	UNI	TOTAL
1	10	2	321	642
2	10	2	321	642
3	5	25	86	2150

VB37

N	ø	Q	UNI	TOTAL
1	10	2	470	940
2	16	3	468	1404
3	6.3	1	138	138
4	6.3	1	138	138
5	5	32	106	3392

VB38

N	ø	Q	UNI	TOTAL
1	10	2	321	642
2	10	2	321	642
3	5	25	86	2150

VB39

N	ø	Q	UNI	TOTAL
1	10	2	381	762
2	12.5	2	373	746
3	6.3	1	138	138
4	6.3	1	138	138
5	5	32	86	2752

NOTAS:

01–CONCRETO= fck ≥ 25 MPa
02–AÇO= CA–50 – fyk=500 MPa
CA–60 – fyk=600 MPa
03–MEDIDAS EM cm, NÍVEIS EM m.
04–NÃO TIRAR MEDIDAS EM ESCALA.
05–CONFIRMAR MEDIDAS NO LOCAL.
06–COBRIMENTO=2,5cm E 3,0cm.

DETALHE DO RAIO DE CURVATURA (R)

VALOR ESPECIFICADO NO DESENHO

ø (mm)	R (cm)	C.C. (cm)
12.5	10	16
16	13	21
20	16	25
25	20	31
C.C.=COMPRIMENTO DA CURVA		

No.	MODIFICAÇÕES	APROVAÇÃO	DATA	APROVAÇÃO	DATA
		AUTOR DO PROJETO		FDE	

OBSERVAÇÕES

DESENHO DE REFERENCIA

No.	APROVAÇÃO	DATA
	AUTOR DO PROJETO	
	FDE	

FUNDAÇÃO PARA O DESENVOLVIMENTO DA EDUCAÇÃO

FUNDAÇÃO PARA O DESENVOLVIMENTO DA EDUCAÇÃO – F D E

ESCOLA – NOME/LOCAL: –			CODIGO 1 2 0 1 0 4 6
INTERVENÇÃO: CRECHE – CR–2			No LOTE 01
ETAPA/AREA TÉCNICA: PROJETO EXECUTIVO DE ESTRUTURA	TIPO PROJETO: PADRÃO	DATA: MAR/2011	ETAPA/AREA TÉCNICA: PE – EST
CONTEÚDO: ARMAÇÃO DAS VIGAS DA FUNDAÇÃO (02/02), BLOCOS E PILARES	ESCALA: INDICADA	FOLHA: 06/00	REVISÃO: 00

DESENHO GERADO PELO SISTEMA CAD – POR ENGECALC ENGENHARIA E PROJETOS ESTRUTURAIS S/C LTDA

1201046_01EPE0600_01

PAD CR-2 - PADRÃO ESTACA 205