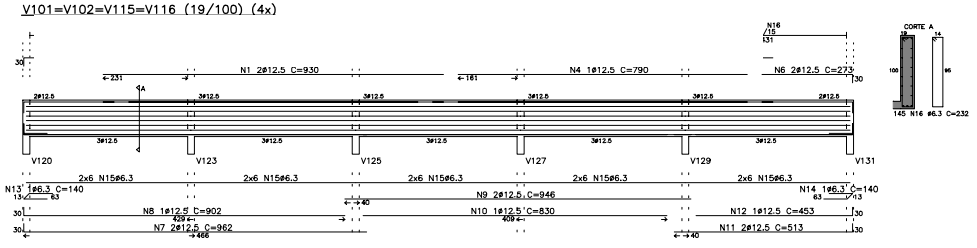
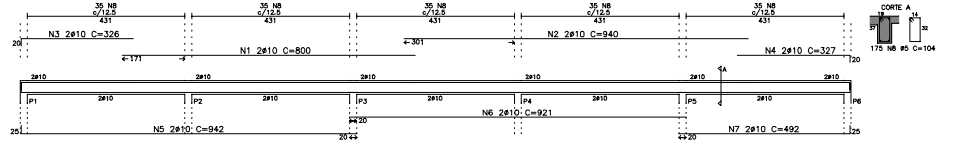
ESC. PLOT 1:20
1:50
841x1189

CORES/ESP.	
RED	0,50
YELLOW	0,60
GREEN	0,30
CYAN	0,40
BLUE	0,30
MAGENTA	0,10
WHITE	0,70
COR. 8	0,30

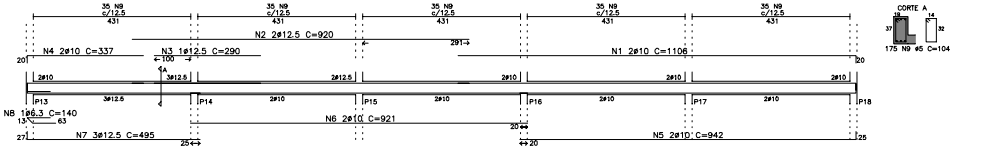
V101=V102=V115=V116 (19/100) (4x)



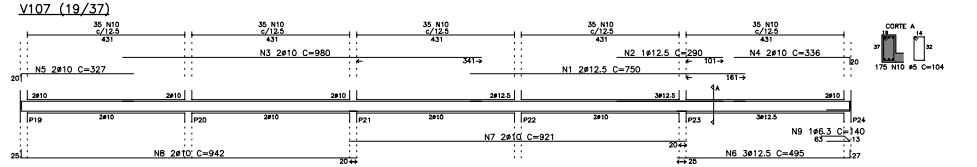
V103=V104=V113=V114 (19/37) (4x)



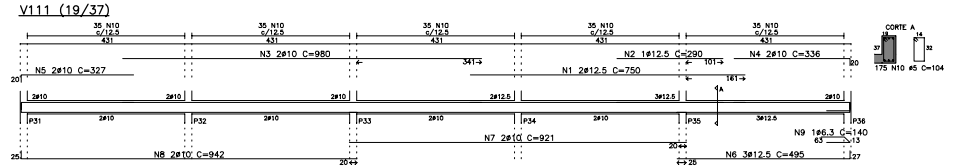
V105 (19/37)



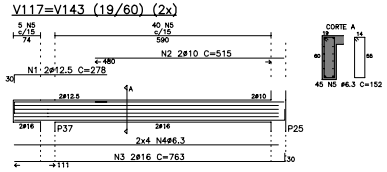
V107 (19/37)



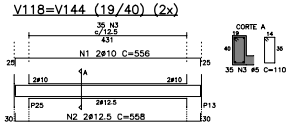
V111 (19/37)



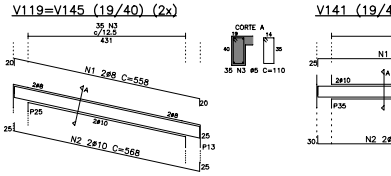
V117=V143 (19/60) (2x)



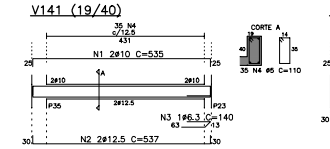
V118=V144 (19/40) (2x)



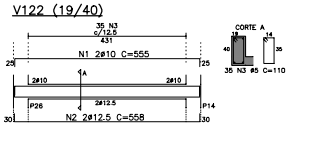
V119=V145 (19/40) (2x)



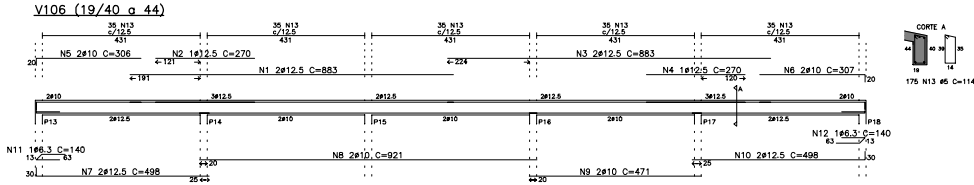
V141 (19/40)



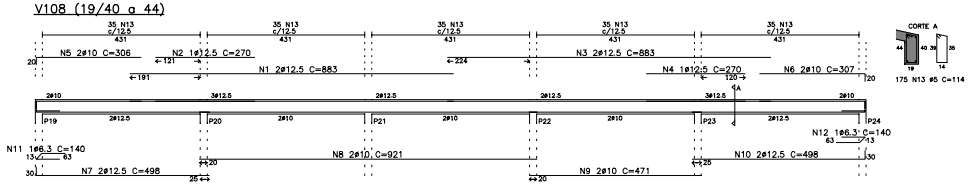
V122 (19/40)



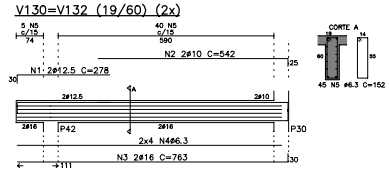
V106 (19/40 a 44)



V108 (19/40 a 44)



V130=V132 (19/60) (2x)



V101=V102=V115=V116 (4x)

N	ø	Q	UNI	TOTAL
1	12.5	2	930	1860
2	12.5	2	790	1580
3	12.5	2	790	790
4	12.5	2	273	546
5	12.5	2	962	1924
6	12.5	2	902	902
7	12.5	2	946	1892
8	12.5	1	830	830
9	12.5	2	513	1026
10	12.5	1	453	453
11	6.3	1	140	140
12	6.3	1	140	140
13	6.3			27540
14	6.3	145	232	33640

V103=V104=V113=V114 (4x)

N	ø	Q	UNI	TOTAL
1	10	2	800	1600
2	10	2	940	1880
3	10	2	326	652
4	10	2	327	654
5	10	2	942	1884
6	10	2	921	1842
7	10	2	492	984
8	5	175	104	18200

V105

N	ø	Q	UNI	TOTAL
1	10	2	1106	2212
2	12.5	2	920	1840
3	12.5	1	290	290
4	10	2	337	674
5	10	2	942	1884
6	10	2	327	654
7	12.5	2	921	1842
8	6.3	1	140	140
9	5	175	104	18200

V106

N	ø	Q	UNI	TOTAL
1	12.5	2	883	1766
2	12.5	1	270	270
3	12.5	2	883	1766
4	12.5	1	270	270
5	10	2	306	612
6	10	2	307	614
7	12.5	2	498	996
8	10	2	921	1842
9	10	2	471	942
10	12.5	2	498	996
11	6.3	1	140	140
12	6.3	1	140	140
13	5	175	114	19950

V107

N	ø	Q	UNI	TOTAL
1	12.5	2	750	1500
2	12.5	1	290	290
3	10	2	980	1960
4	10	2	336	672
5	10	2	327	654
6	12.5	3	495	1485
7	10	2	921	1842
8	10	2	942	1884
9	6.3	1	140	140
10	5	175	104	18200

V108

N	ø	Q	UNI	TOTAL
1	12.5	2	883	1766
2	12.5	1	270	270
3	12.5	2	883	1766
4	12.5	1	270	270
5	10	2	306	612
6	10	2	307	614
7	12.5	2	498	996
8	10	2	921	1842
9	10	2	471	942
10	12.5	2	498	996
11	6.3	1	140	140
12	6.3	1	140	140
13	5	175	114	19950

V111

N	ø	Q	UNI	TOTAL
1	12.5	2	750	1500
2	12.5	1	290	290
3	10	2	980	1960
4	10	2	336	672
5	10	2	327	654
6	12.5	3	495	1485
7	10	2	921	1842
8	10	2	942	1884
9	6.3	1	140	140
10	5	175	104	18200

V117=V143 (2x)

N	ø	Q	UNI	TOTAL
1	12.5	2	278	556
2	10	2	515	1030
3	16	2	763	1526
4	6.3			5892
5	6.3	45	152	6840

V118=V144 (2x)

N	ø	Q	UNI	TOTAL
1	10	2	556	1112
2	12.5	2	558	1116
3	5	35	110	3850

V119=V145 (2x)

N	ø	Q	UNI	TOTAL
1	8	2	523	1046
2	10	2	556	1112
3	5	35	110	3850

V122

N	ø	Q	UNI	TOTAL
1	10	2	555	1110
2	12.5	2	558	1116
3	5	35	110	3850

V130=V132 (2x)

N	ø	Q	UNI	TOTAL
1	12.5	2	278	556
2	10	2	542	1084
3	16	2	763	1526
4	6.3			5892
5	6.3	45	152	6840

V141

N	ø	Q	UNI	TOTAL
1	10	2	535	1070
2	12.5	2	537	1074
3	6.3	1	140	140
4	5	35	110	3850

RESUMO DAS VIGAS DA COBERTURA (01/02)

AÇO	ø	COMPR.(cm)	PESO(kg)
CA-50	5	159850	394
CA-50	6.3	297888	745
CA-50	8	2128	8
CA-50	10	77520	489
CA-50	12.5	82807	827
CA-50	16	6104	98
CA-50	20	–	–
CA-50	25	–	–
PESO TOTAL (kg)			2472

CR-1E - PADRÃO ESTACA

No.	MODIFICAÇÕES	APROVAÇÃO AUTOR DO PROJETO	DATA	APROVAÇÃO FDE	DATA	OBSERVAÇÕES	DESENHO DE REFERÊNCIA	No.	APROVAÇÃO FDE	DATA
9										
8										
7										
6										
5										
4										
3										
2										
1										
△										

APROVAÇÃO AUTOR DO PROJETO	DATA

NOTAS:

01–CONCRETO= fck ≥ 25 MPa
02–AÇO= CA-50 – fyk=500 MPa
CA-60 – fyk=600 MPa
03–MEDIDAS EM cm, NIVEIS EM m.
04–NÃO TRAR MEDIDAS EM ESCALA
05–CONFIRMAR MEDIDAS NO LOCAL.
06– COBRIMENTO=2.5cm

DETALHE DO RAIO DE CURVATURA (R)

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

FDE FUNDAÇÃO PARA O DESENVOLVIMENTO DA EDUCAÇÃO

RESPONSÁVEL PELA ELABORAÇÃO DO PROJETO:
apiacás arquitetos
ARQUITETOS + ENGENHEIROS CIVIL, PERITO JUDICIAL, GESTÃO PÚBLICA, PLANEJAMENTO E CONSULTORIA, AVENIDA DO SOL, 1134, BAIRRO DE FÁTIMA, CEP 78.550-000, SINOP, MATO GROSSO
RESPONSÁVEL TÉCNICO: PEDRO ALMEIDO DE ENFRIA – CAU A36328-4

ENTIDADE	FUNDAÇÃO PARA O DESENVOLVIMENTO DA EDUCAÇÃO – F D E
ENDEREÇO + DENOMINAÇÃO	TERRENO JARDIM TEIXEIRA / ORLÂNDIA – SP
DENOMINAÇÃO	OBRA NOVA DE CRECHE
ESPECIFICAÇÃO TÉCNICA	PROJETO EXECUTIVO DE ESTRUTURA
TIPO PROJETO	PAD CR–1E
DATA	AGO/2014
CONTEÚDO	ARMAÇÃO DAS VIGAS DA COBERTURA (01/02)
ESCALA	INDICADA
FOLHA	07/08
REVISÃO	00
ESPECIALIDADE TÉCNICA	PE – EST
Nº UNID.	01
CÓDIGO	1|2|0|2|1|5|6

DESENHO GERADO PELO SISTEMA CAD – PDA DIGITAL ENGENHARIA E PROJETOS ESTRUTURAIS S/C LTDA. 1203156_PADPEDTOS_01