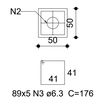
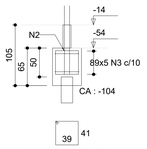
B40=B41=B43=B44=B46=B47=B48=B49=B50=B51
=B54=B55=B56=B57=B58=B59=B64=B65=B66
=B67=B68=B69=B72=B73=B74=B75=B76=B77
=B81=B82=B83=B84=B85=B86=B87=B91=B92
=B96=B97=B98=B99=B101=B102=B103=B104
=B107=B108=B111=B114=B115=B116=B119=B120
=B123=B124=B125=B126=B127=B128=B129=B130
=B132=B133=B136=B140=B141=B142=B144=B145
=B146=B147=B151=B152=B153=B154=B155=B156
=B178=B179=B180=B182=B183=B185=B191=B192
=B199=B200=B201=B202
1xR20

PLANTA
ESC 1:50



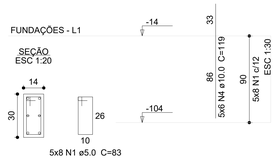
89x5 N3 ø6.3 C=176

CORTE
ESC 1:50



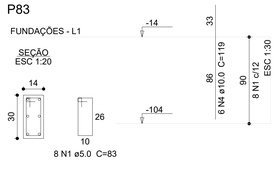
89x2 N2 ø5.0 C=171

P46=P74=P75=P101=P199



5x8 N1 ø5.0 C=83

P83



8 N1 ø5.0 C=83

P40=P41=P43=P44=P47=P48=
=P49=P50=P51=P54=P55=P56=
=P57=P58=P59=P64=P65=P66=
=P67=P68=P69=P72=P73=P76=
=P77=P81=P82=P84=P85=P86=
=P87=P91=P92=P96=P97=P98=
=P99=P102=P103=P104=P107=
=P108=P111=P114=P115=P116=
=P119=P120=P123=P124=P125=
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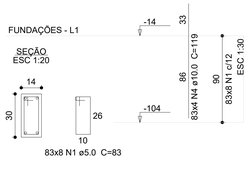
=P142=P144=P145=P146=P147=
=P151=P152=P153=P154=P155=
=P156=P178=P179=P180=P182=
=P183=P185=P191=P192=P200=
=P201=P202



83x8 N1 ø5.0 C=83

Relação do aço

B202

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	712	83	59096
	2	5.0	178	171	30438
CA50	3	6.3	445	176	78320
	4	10.0	368	119	43792

Resumo do aço

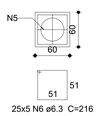
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	783.2	191.7
	10.0	438	270
CA60	5.0	895.4	138

PESO TOTAL (kg)	
CA50	461.6
CA60	138

Volume de concreto (C-30) = 15.54 m³
Área de forma = 147.03 m²

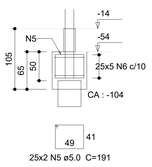
B26=B27=B28=B30=B31=B32=B37=B159=B160
=B161=B162=B163=B165=B166=B167=B170=B171
=B172=B173=B174=B175=B190=B206=BM1=BM2
1xC40

PLANTA
ESC 1:50



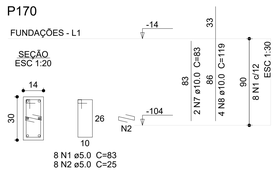
25x5 N6 ø6.3 C=216

CORTE
ESC 1:50



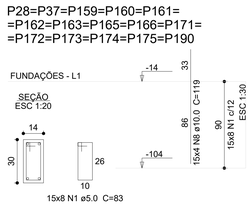
25x2 N5 ø5.0 C=191

P170



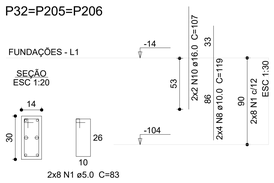
8 N1 ø5.0 C=83
8 N2 ø5.0 C=25

P28=P37=P159=P160=P161=
=P162=P163=P165=P166=P171=
=P172=P173=P174=P175=P190



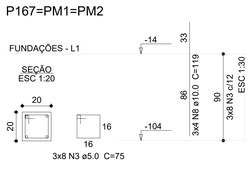
15x8 N1 ø5.0 C=83

P32=P205=P206



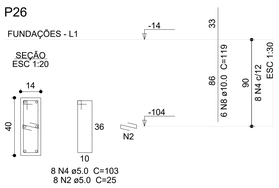
2x8 N1 ø5.0 C=83

P167=PM1=PM2



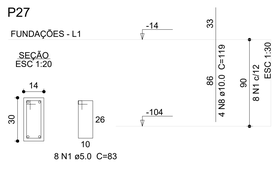
3x8 N3 ø5.0 C=75

P26



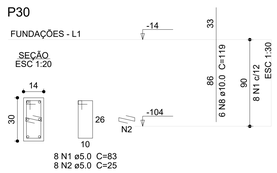
8 N4 ø5.0 C=103
8 N2 ø5.0 C=25

P27



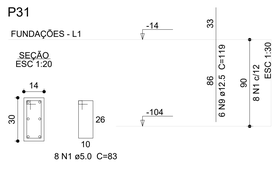
8 N1 ø5.0 C=83

P30



8 N1 ø5.0 C=83
8 N2 ø5.0 C=25

P31



8 N1 ø5.0 C=83

Relação do aço

BM2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	168	83	13944
	2	5.0	24	25	600
	3	5.0	24	75	1800
	4	5.0	8	103	824
	5	5.0	50	191	9550
CA50	6	6.3	125	216	27000
	7	10.0	2	83	166
	8	10.0	100	119	11900
	9	12.5	6	119	714
	10	16.0	4	107	428

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	270	66.1
	10.0	120.7	74.4
	12.5	7.2	6.9
	16.0	4.3	6.8
CA60	5.0	267.2	41.2

PESO TOTAL (kg)	
CA50	154.1
CA60	41.2

Volume de concreto (C-30) = 5.8 m³
Área de forma = 47.78 m²

Nº	DATA	DESCRIÇÃO
03	JANEIRO/ 2023	Revisão geral da disciplina conforme a atualização da arquitetura. Redimensionamento dos elementos estruturais e acréscimo de elementos para adequação da arquitetura. Atendimento a NBR 6118/2014 e NBR 6122/2019.
02	JANEIRO/ 2017	Atendimento à NBR 9050/2015; Alteração: quadro de áreas, fechamento frontal, sanitários 1 e 2, altura da platibanda, mobiliário e equipamento, altura da ceramica nos sanitários, cor dos portões dos solarios e altura da porta PA4; Acréscimo: gradil e quadro de cargas no casteio d'água, de duchas higienicas e escaninhos pré-escola.
01	JULHO/ 2016	Alteração paredes - shaft para tubulação hidráulica e detalhamento; alteração da altura da platibanda.

CONTROLE DE REVISÕES

FNDE — MINISTÉRIO DA EDUCAÇÃO

PROJETO PADRÃO - FNDE

PROPRIETÁRIO:

ENDEREÇO:

MUNICÍPIO - UF:

PROPRIETÁRIO:

RESP. TÉCNICO: CAU / CREA

AUTOR DO PROJETO: CAU / CREA

APROVAÇÕES

CAU / CREA

PREFEITURA / RA

OBSERVAÇÕES:

CRECHE PRÉ-ESCOLA TIPO 1

PROJETO DE ESTRUTURA DE CONCRETO

COORDENAÇÃO
CGEST - Coordenação Geral de Infraestrutura Educacional

DETALHAMENTO ARMAÇÃO DOS BLOCOS E ESTACAS - PARTE 02

SCO

FORMATO (1189x841)

REVISÃO R.00 R.03 R.01 R.02

ESCALA Indicada

DATA EMISSÃO JAN/2023

PRANCHA 04/30