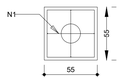
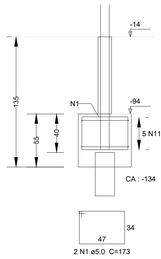
1 DETALHAMENTO BLOCOS
1:25

B73
1xR20

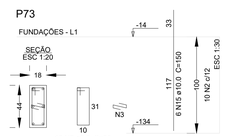
PLANTA
ESC 1:25



CORTE
ESC 1:25

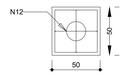


P73
FUNDAÇÕES - L1

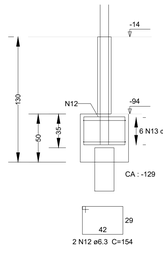


B71=B98
1xR20

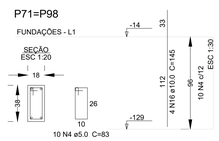
PLANTA
ESC 1:25



CORTE
ESC 1:25

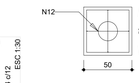


P71=P98
FUNDAÇÕES - L1

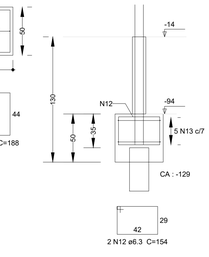


B20=B40=B42=B43=B44=B48=B55=B66=B87=B95 =B99=B105=B107=B119=B132
1xR20

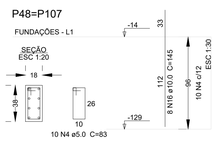
PLANTA
ESC 1:25



CORTE
ESC 1:25



P48=P107
FUNDAÇÕES - L1



Relação do aço

B73	4xB89	2xB98
15xB132	89xB154	64xP17
11xP20	2xP23	14xP26
2xP37	P42	2xP48
P65	P67	P68
2xP71	P73	2xP74
3xP75	P88	P89
P132	P140	2xPM1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	173	346
	2	5.0	10	93	930
	3	5.0	60	25	1500
	4	5.0	880	83	73040
	5	5.0	160	89	14240
	6	5.0	178	153	27234
	7	5.0	20	103	2060
	8	5.0	8	133	1064
	9	5.0	20	63	1260
	10	5.0	40	75	3000
CA50	11	6.3	5	208	1040
	12	6.3	34	154	5236
	13	6.3	532	188	100016
	14	6.3	20	148	2960
	15	10.0	6	150	900
	16	10.0	468	145	67860
	17	10.0	4	110	440
	18	10.0	16	67	1072

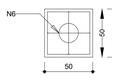
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	1092.6	92	267.3
	10.0	702.8	59	433.3
CA60	5.0	1246.8	104	192.2
PESO TOTAL (kg)				
CA50	700.6			
CA60	192.2			

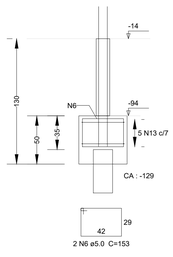
Volume de concreto (C-25) = 13.21 m³
Volume de concreto (C-30) = 3.94 m³
Área de forma = 190.55 m²

B17=B18=B19=B21=B22=B23=B24=B25=B26=B27 =B28=B31=B32=B33=B34=B36=B37=B39=B41 =B45=B47=B49=B50=B51=B52=B53=B54=B56 =B58=B60=B61=B62=B65=B69=B70=B72=B74 =B75=B78=B79=B80=B83=B84=B86=B90=B91 =B92=B94=B96=B97=B102=B104=B106=B108 =B109=B110=B111=B112=B113=B116=B117=B118 =B120=B121=B122=B123=B124=B126=B127=B128 =B129=B131=B134=B135=B136=B137=B138=B139 =B140=B141=B143=B145=B146=B147=B148=B150 =B152=B153=B154
1xR20

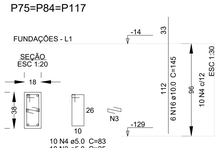
PLANTA
ESC 1:25



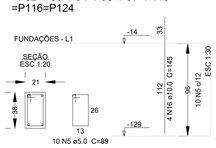
CORTE
ESC 1:25



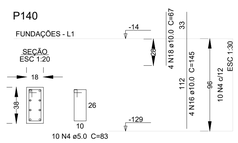
P75=P84=P117
FUNDAÇÕES - L1



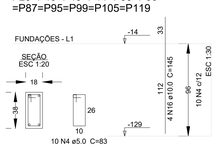
P26=P36=P41=P45=P47=P51= =P52=P56=P94=P96=P97=P113= =P116=P124
FUNDAÇÕES - L1



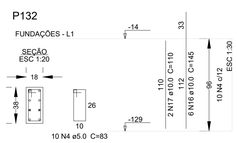
P140
FUNDAÇÕES - L1



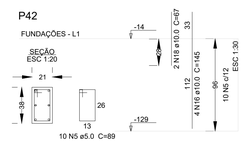
P20=P40=P43=P44=P55=P66= =P87=P95=P99=P105=P119
FUNDAÇÕES - L1



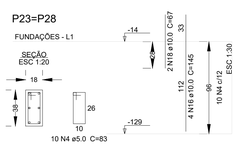
P132
FUNDAÇÕES - L1



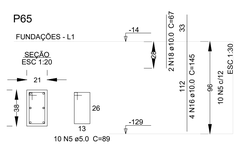
P42
FUNDAÇÕES - L1



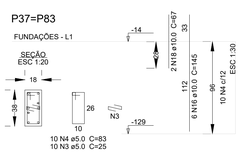
P23=P28
FUNDAÇÕES - L1



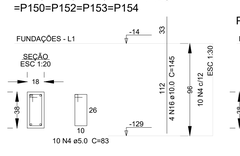
P65
FUNDAÇÕES - L1



P37=P83
FUNDAÇÕES - L1

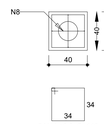


P74=P92
FUNDAÇÕES - L1

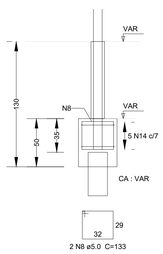


B67=B68=B88=B89
1xR20

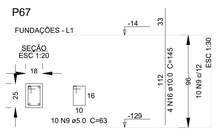
PLANTA
ESC 1:25



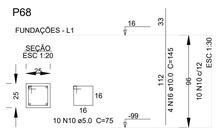
CORTE
ESC 1:25



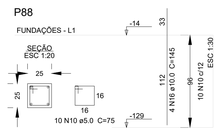
P67
FUNDAÇÕES - L1



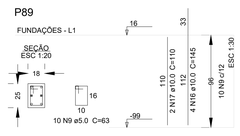
P68
FUNDAÇÕES - L1



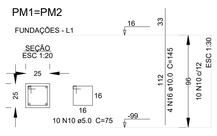
P88
FUNDAÇÕES - L1



P89
FUNDAÇÕES - L1



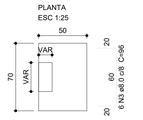
PM1=PM2
FUNDAÇÕES - L1



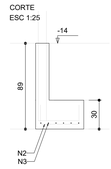
2 DETALHAMENTO SAPATAS
1:25

Sapata para pilares dos muros
54x

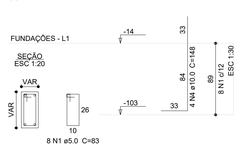
PLANTA
ESC 1:25



CORTE
ESC 1:25



Arranque dos pilares dos muros
58x



Relação do aço

58xP1 4xS14 54xS165

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	464	83	38512
CA50	2	8.0	348	76	26448
	3	8.0	348	96	33408
	4	10.0	232	148	34336

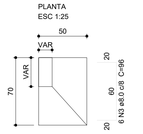
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	598.6	50	236.2
	10.0	343.4	29	211.7
CA60	5.0	385.2	33	59.4
PESO TOTAL (kg)				
CA50	447.9			
CA60	59.4			

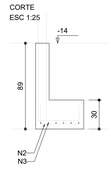
Volume de concreto (C-25) = 6.09 m³
Volume de concreto (C-30) = 1.44 m³
Área de forma = 71.87 m²

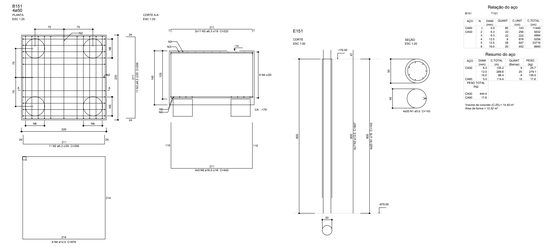
Sapata para pilares de canto nos muros
4x

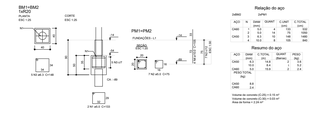
PLANTA
ESC 1:25



CORTE
ESC 1:25







03	JANEIRO/2025	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, sanitários infantis 1 e 2, altura da platibanda, mobiliário e equipamento, altura da cerâmica nos sanitários, cor dos portões dos solários e altura da porta PA4; Acréscimo das duchas higiênicas e escaninhos pré-escola. Retirada da chapa de aço abaixo da platibanda.
01	AGOSTO/ 2016	Alteração paredes - shaft para tubulação hidráulica e detalhamento; alteração da altura da platibanda; Correção: Blocos: B34, B36; Sapatas: S34, S36; Pilares: P33, P45, P57; Vigas nível 310: V22, V56, V75; Supressão: Viga nível 310: V72.
N°	DATA	DESCRIÇÃO

CONTROLE DE REVISÕES

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 2

PROJETO DE ESTRUTURA DE CONCRETO

COORDENAÇÃO
CGEST - Coordenação Geral de Infraestrutura Educacional

ESTRUTURA DE CONCRETO
DETALHAMENTO BLOCOS E SAPATAS

SCO

FORMATO
(A0 841x1189)

REVISÃO
R.00 R.03
R.01
R.02

ESCALA
1:75

DATA EMISSÃO
JAN/2025

PRANCHA
02/16