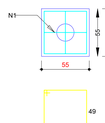
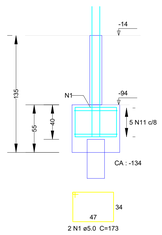
1 DETALHAMENTO BLOCOS
1:25

B73
1xR20

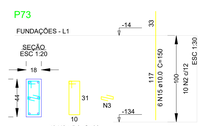
PLANTA ESC 1:25



CORTE ESC 1:25

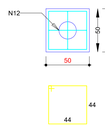


P73

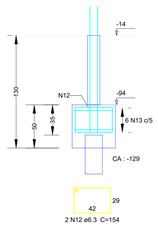


B71=B98
1xR20

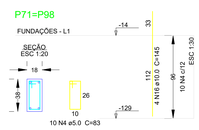
PLANTA ESC 1:25



CORTE ESC 1:25

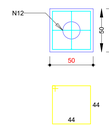


P71=P98

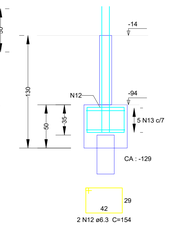


B20=B40=B42=B43=B44=B48=B55=B66=B87=B95 =B99=B105=B107=B119=B132
1xR20

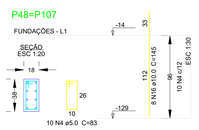
PLANTA ESC 1:25



CORTE ESC 1:25



P48=P107



Relação do aço

B73	4xB89		2xB98
15xB132	B9xB154		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

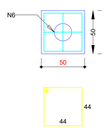
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	1092.6	92	267.3
	10.0	702.8	59	433.3
CA60	5.0	1246.8	104	192.2

PESO TOTAL (kg)	
CA50	700.6
CA60	192.2

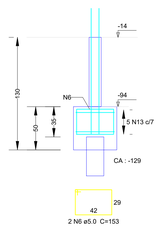
Volume de concreto (C-25) = 13.21 m³
Volume de concreto (C-30) = 3.94 m³
Área de forma = 190.55 m²

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

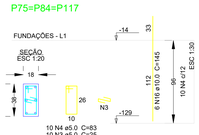
PLANTA ESC 1:25



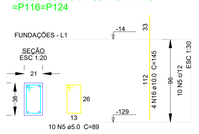
CORTE ESC 1:25



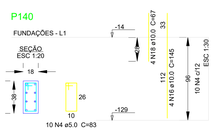
P75=P84=P117



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



P140



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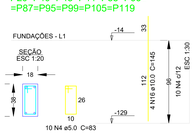
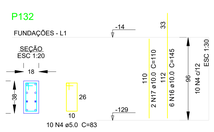
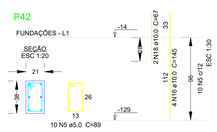


P132



P42



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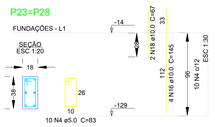
P23=P28



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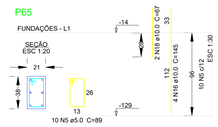

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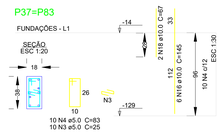
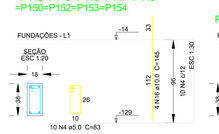
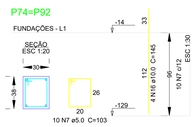


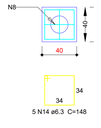


P74=P92

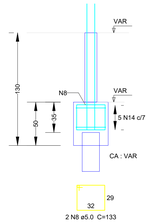


B67=B68=B88=B89
1xR20

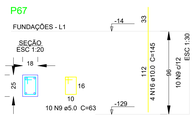
PLANTA ESC 1:25



CORTE ESC 1:25



P67



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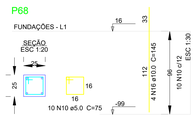

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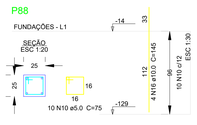

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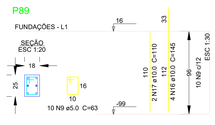
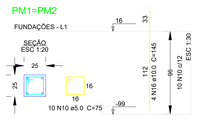


PM1=PM2

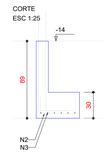


2 DETALHAMENTO SAPATAS
1:25

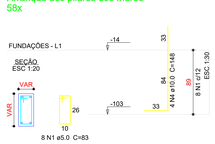
Sapata para pilares dos muros 54x

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

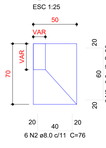
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	598.6	50	236.2
	10.0	343.4	29	211.7
CA60	5.0	385.2	33	59.4

PESO TOTAL (kg)	
CA50	447.9
CA60	59.4

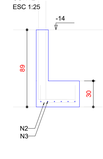
Volume de concreto (C-25) = 6.09 m³
Volume de concreto (C-30) = 1.44 m³
Área de forma = 71.87 m²

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.
Nº	DATA	DESCRIÇÃO

CONTROLE DE REVISÕES

FNDE — MINISTÉRIO DA EDUCAÇÃO

PROJETO PADRÃO - FNDE

PROPRIETÁRIO: MUNICÍPIO DE IBIRITÉ - CNPJ 18.715.490/0001-78 - Representante: DINIS PINHEIRO

ENDEREÇO: RUA ALCEDINA, Nº450 - JATOBÁ

MUNICÍPIO - UF: IBIRITÉ/MG

PROPRIETÁRIO:

RESP. TÉCNICO: CAU / CREA

AUTOR DO PROJETO: CAU / CREA

PREFEITURA MUNICIPAL DE IBIRITÉ
SECRETARIA DE OBRAS E URBANISMO
RUA SÃO PAULO, 1000 - CENTRO

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