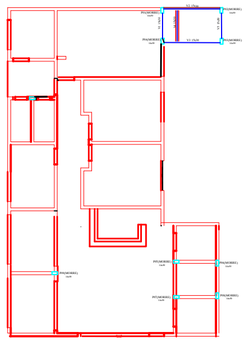
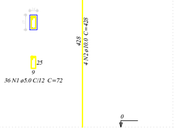
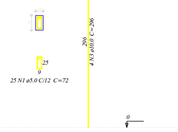


P5=P6=P7=P8



P1=P4=P9=P10



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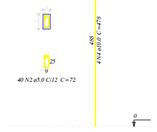


Relação do aço

P1,P2,P3,P4,P5,P6,P7,P8

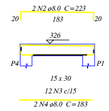
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	104	72	6240
CA50	2	10.0	16	428	6848
CA50	3	10.0	16	296	4736
CA50	4	10.0	9	408	3924

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	154,08	95,06
CA60	5.0	130,4	35,92

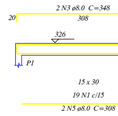
Volume de concreto (C-25) = 1.72 m³
Área de forma = 25.12 m²

V1

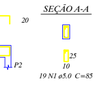


SEÇÃO A-A

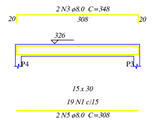
V2



SEÇÃO A-A

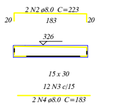


V3



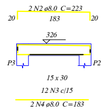
SEÇÃO A-A

V4



SEÇÃO A-A

V5



SEÇÃO A-A

Relação do aço

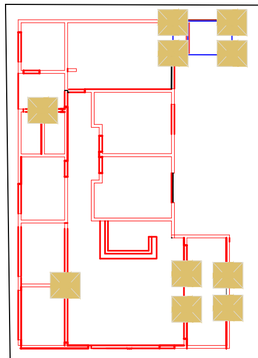
V1;V2;V3;V4;V5

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	74	85	6290
CA50	2	8.0	6	223	1338
CA50	3	8.0	4	348	1392
CA50	4	8.0	3	183	549
CA50	4	8.0	2	308	616

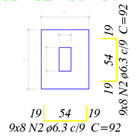
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	38,95	15,38
CA60	5.0	62,90	9,69

Volume de concreto (C-25) = 0,53 m³
Área de forma = 7,14 m²



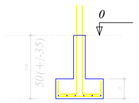
S1=S2=S3=S4=S5=S7=S8=S9=S10



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

BALDRAME - L1
ESC 1:20

10 N1 ø5.0 C/12 C=72



Relação do aço

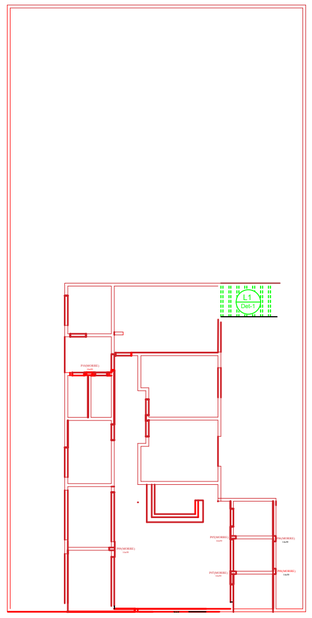
S1=S2=S3=S4=S5=S7=S8=S9=S10

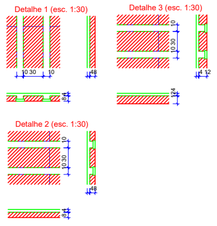
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	90	72	6480
CA50	2	6.3	108	92	9936
CA50	3	10.0	36	145	5220

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	99,36	24,34
CA50	10.0	52,20	32,20
CA60	5.0	64,80	9,97

Volume de concreto (C-25) = 0,42 m³
Área de Forma(C-25) = 6m²





Laje

Dados						Sobrecarga (kN/m²)		
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kN/m²)	Adicional	Acidental	Localizada
L1	Treliçada 1D	12	0	655	1.51	1.54	0.10	-

VOLUME DE CONCRETO = 0,29m³

Blocos de enchimento					
Detalhe	Tipo	Nome	Dimensões(cm) hb	by	Quantidade
1;2	EPS Unidirecional	B8/30/125	8	30 125	11

Características dos materiais	
fck (MPa)	Ecs (MPa)
25	24150

Dimensão máxima do agregado = 19 mm

PROJETO ESTRUTURAL

Obra de Reforma e Adaptação Conselho Tutelar

GABRIELA PERES DE MIRANDA:41227861874 124
Assinado de forma digital por GABRIELA PERES DE MIRANDA:41227861874 Dados: 2023.03.30 11:08:16 -03'00'

AUTOR DO PROJETO:
GABRIELA PERES DE MIRANDA
ENGENHEIRA CIVIL -CREA: 309.805/D-TO

FOLHA 01/01

ENDEREÇO:
AVENIDA TOCANTINS, MIRACEMA DO TOCANTINS-TO, CEP 77650-000

RESPONSÁVEL	RUBRICA ÁREAS:
DESENHO: GABRIELA PERES	
DATA: 07-2021	
ESCALAS: INDICADAS	
ARQUIVO:	
CONTEÚDO: FORMAS DOS PAVIMENTOS	VER PROJETO ARQUITETÔNICO

FORMATO A0 - INTERNO: 1049 x 821 mm.
EXTERNO: 1189 x 841 mm.