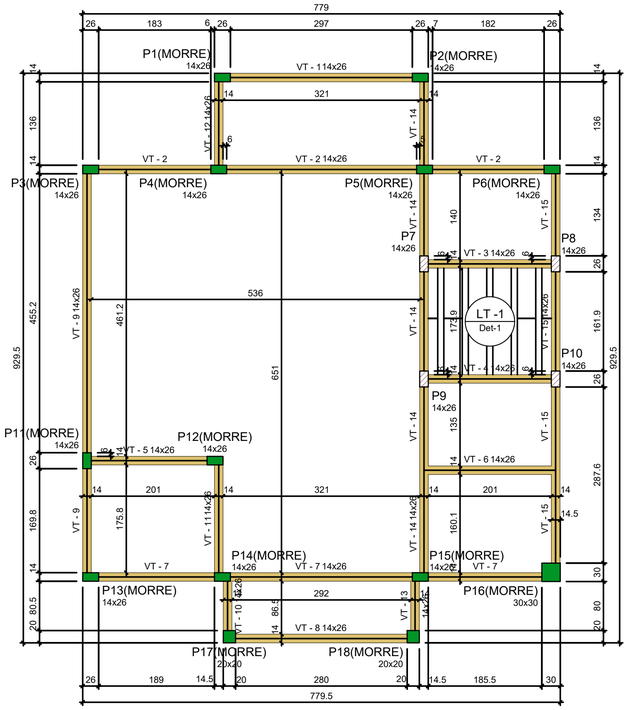


Forma do pavimento 02 - TÉRREO (Nível 320)

escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
VT - 1	14x26	0	320
VT - 2	14x26	0	320
VT - 3	14x26	0	320
VT - 4	14x26	0	320
VT - 5	14x26	0	320
VT - 6	14x26	0	320
VT - 7	14x26	0	320
VT - 8	14x26	0	320
VT - 9	14x26	0	320
VT - 10	14x26	0	320
VT - 11	14x26	0	320
VT - 12	14x26	0	320
VT - 13	14x26	0	320
VT - 14	14x26	0	320
VT - 15	14x26	0	320

Blocos de enchimento						
Detalhe	Tipo	Nome	Dimensões(cm)			Quantidade
			hb	bx	by	
1	EPS Unidirecional	B8/30/125/7.5	8	30	125	12

Lajes									
Dados						Sobrecarga (kgf/m²)			
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kgf/m²)	Adicional	Acidental	Localizada	Água
LT -1	Treliçada 1D	15	0	320	226	182	100	-	750

Características dos materiais		
Elemento	fck (kgf/cm²)	Ecs (kgf/cm²)
Vigas	250	241500
Pilares	250	241500
Lajes	300	268384

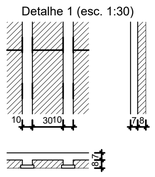
Dimensão máxima do agregado = 19 mm

Legenda dos pilares
Pilar que morre
Pilar que passa

Legenda das vigas e paredes
Viga

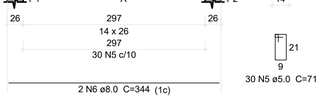
Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	14x26	-100	220
P2	14x26	-100	220
P3	14x26	-100	220
P4	14x26	-100	220
P5	14x26	-100	220
P6	14x26	-100	220
P7	14x26	-100	220
P8	14x26	-100	220
P9	14x26	-100	220
P10	14x26	-100	220
P11	14x26	-100	220
P12	14x26	-100	220
P13	14x26	-100	220
P14	14x26	-100	220
P15	14x26	-100	220
P16	30x30	-100	220
P17	20x20	-100	220
P18	20x20	-100	220

Detalhe 1 (esc. 1:30)



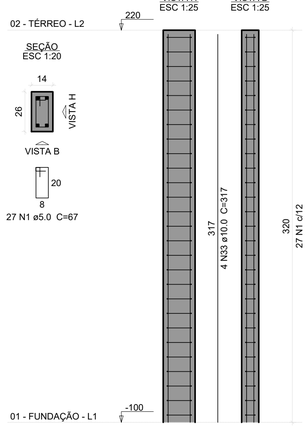
VT - 1

ESC 1:50

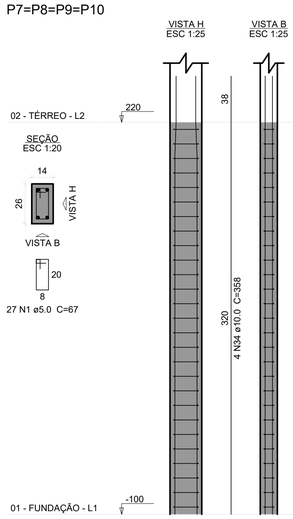


SEÇÃO A-A
ESC 1:25

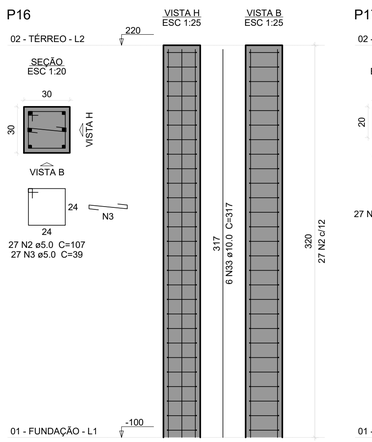
P1=P2=P3=P4=P5=P6=P11= =P12=P13=P14=P15



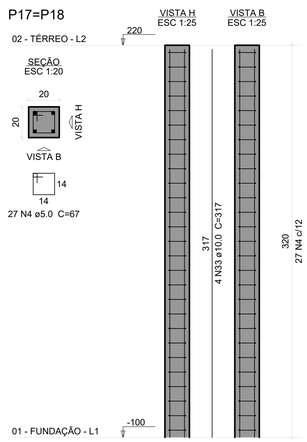
P7=P8=P9=P10



P16



P17=P18



Relação do aço

11xP1	4xP7	P16
2xP17	Positivos Y	VT - 1
VT - 2	VT - 3	VT - 4
VT - 5	VT - 6	VT - 7
VT - 8	VT - 9	VT - 10
VT - 11	VT - 12	VT - 13
VT - 14	VT - 15	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	405	67	27135
	2	5.0	27	107	2889
	3	5.0	27	39	1053
	4	5.0	54	67	3618
	5	5.0	528	71	37488
CA50	6	8.0	2	344	688
	7	8.0	2	372	744
	8	8.0	2	774	1548
	9	8.0	2	802	1604
	10	8.0	4	224	896
	11	8.0	6	240	1440
	12	8.0	2	232	464
	13	8.0	4	252	1008
	14	8.0	2	775	1550
	15	8.0	2	803	1606
	16	8.0	2	315	630
	17	8.0	2	343	686
	18	8.0	1	284	284
	19	8.0	1	99	99
	20	8.0	2	682	1364
	21	8.0	2	702	1404
	22	8.0	2	118	236
	23	8.0	4	138	552
	24	8.0	2	207	414
	25	8.0	2	227	454
	26	8.0	2	175	350
	27	8.0	2	187	374
	28	8.0	2	110	220
	29	8.0	2	832	1664
	30	8.0	2	852	1704
	31	8.0	2	683	1366
	32	8.0	2	703	1406
	33	10.0	58	317	18386
	34	10.0	16	358	5728

Resumo do aço

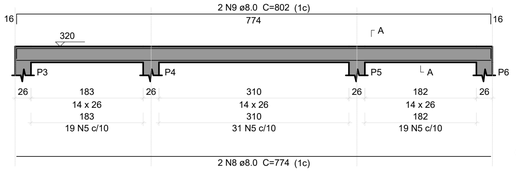
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	8.0	247.6	23	107.4
	10.0	241.2	23	163.5
CA60	5.0	721.9	-	122.4

PESO TOTAL (kg)	
CA50	271
CA60	122.4

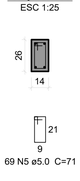
Volume de concreto (C-25) = 4.32 m³
Volume de concreto (C-30) = 0.29 m³
Área de forma = 83.13 m²

VT - 2

ESC 1:50

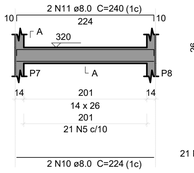


SEÇÃO A-A
ESC 1:25

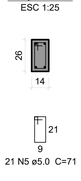


VT - 3

ESC 1:50

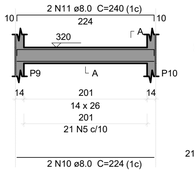


SEÇÃO A-A
ESC 1:25

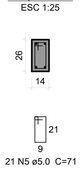


VT - 4

ESC 1:50

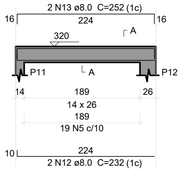


SEÇÃO A-A
ESC 1:25

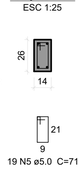


VT - 5

ESC 1:50

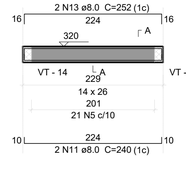


SEÇÃO A-A
ESC 1:25

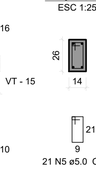


VT - 6

ESC 1:50

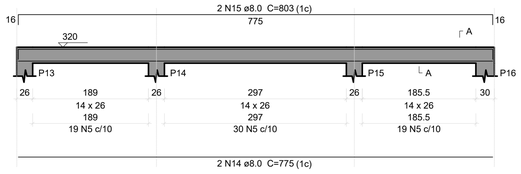


SEÇÃO A-A
ESC 1:25

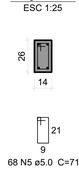


VT - 7

ESC 1:50

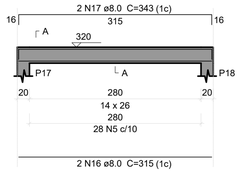


SEÇÃO A-A
ESC 1:25

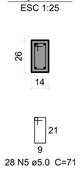


VT - 8

ESC 1:50

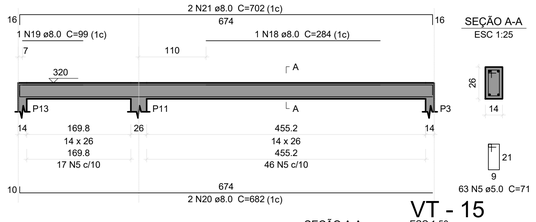


SEÇÃO A-A
ESC 1:25



VT - 9

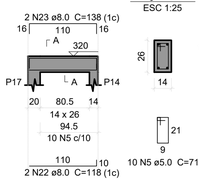
ESC 1:50



SEÇÃO A-A
ESC 1:25

VT - 10

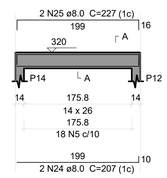
ESC 1:50



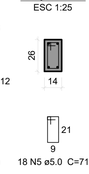
SEÇÃO A-A
ESC 1:25

VT - 11

ESC 1:50

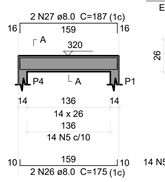


SEÇÃO A-A
ESC 1:25

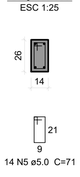


VT - 12

ESC 1:50

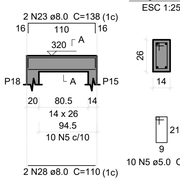


SEÇÃO A-A
ESC 1:25

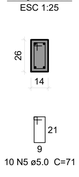


VT - 13

ESC 1:50

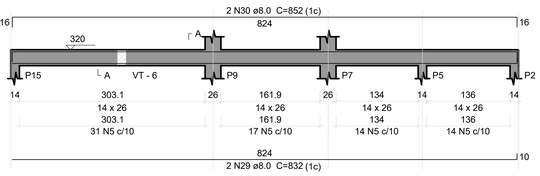


SEÇÃO A-A
ESC 1:25



VT - 14

ESC 1:50



SEÇÃO A-A
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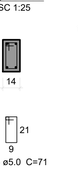
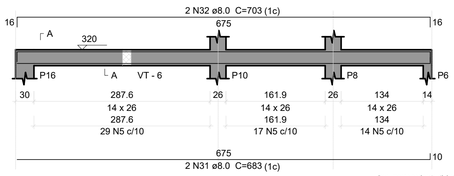
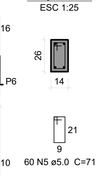


VT - 15

ESC 1:50



SEÇÃO A-A
ESC 1:25



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Verifique em https://validar.iti.gov.br

PROJETO ESTRUTURAL

CONSTRUÇÃO DE CEMITÉRIO PÚBLICO MUNICIPAL NO MUNICÍPIO DE OLHOS D'ÁGUA-MG

Descrição do Projeto: Fôrma do pavimento terreo, pilares, vigas e quadro de aço

Responsável Tecnico:
KAREN MARIANA SOARES VIEIRA:09588911680 Assinado de forma digital por KAREN MARIANA SOARES VIEIRA:09588911680 Dados: 2026.07.09 13:21:58 -03'00'
Káren Mariana Soares Vieira
Engenheiro(a) Civil - Crea: 332.425-D/MG

Endereço: Município de Olhos d' Água-MG

Contratante:
RODRIGO VIEIRA DE MATOS:09977653640 Assinado de forma digital por RODRIGO VIEIRA DE MATOS:09977653640 Dados: 2026.07.14 09:51:06 -03'00'
Rodrigo Vieira de Matos
Prefeito Municipal de Olhos d' Agua-MG

Área (m²): 10.059,00 m²	Tipo da Edificação: Construção	Prancha: 03/04
Data: 30 de junho de 2026.	Art.: MG20265065198	
Referência / Número da pasta: VLK - 3PSP - OLH -28	Escala: Indicada	

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CNPJ: 57.955.661/0001-98
engenhariavlk@gmail.com
Avenida Coronel Prates, nº 409, Sala 301
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Contratante:
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