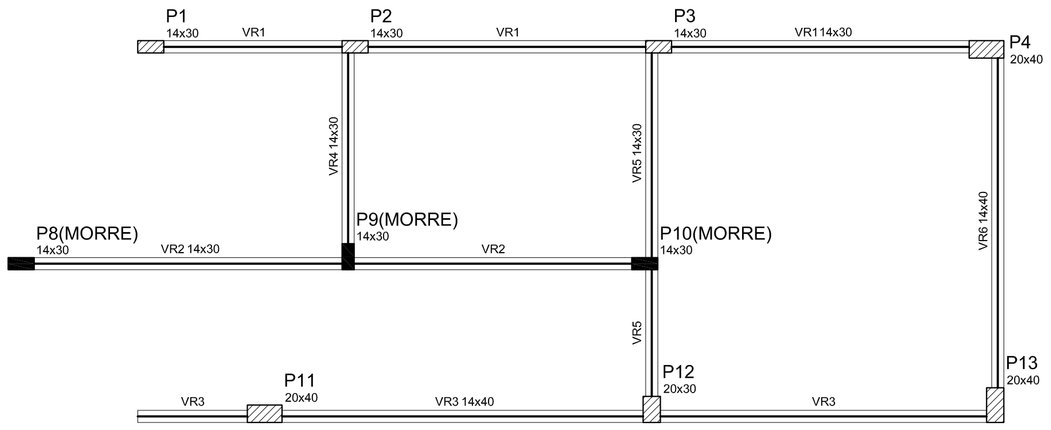


Forma do pavimento RESPALDO

escala 1:50

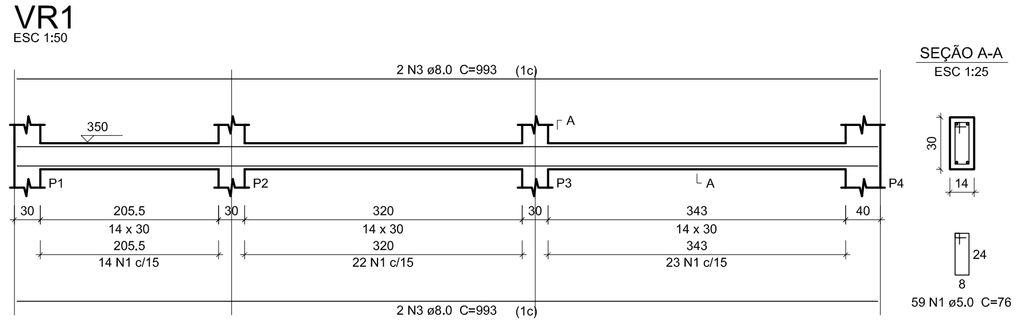
Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
VR1	14x30	0	350
VR2	14x30	0	350
VR3	14x40	0	350
VR4	14x30	0	350
VR5	14x30	0	350
VR6	14x40	0	350

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	14 x 30	0	350
P2	14 x 30	0	350
P3	14 x 30	0	350
P4	20 x 40	0	350
P8	14 x 30	0	350
P9	14 x 30	0	350
P10	14 x 30	0	350
P11	20 x 40	0	350
P12	20 x 30	0	350
P13	20 x 40	0	350

Legenda dos Pilares	
	Pilar que morre
	Pilar que passa
	Pilar que nasce
	Pilar com mudança de seção

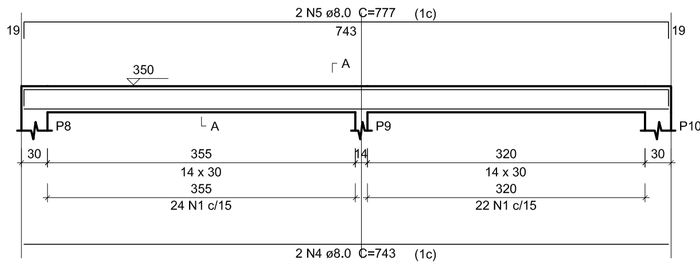
VR1
ESC 1:50



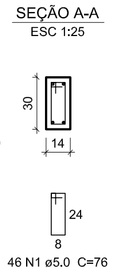
SEÇÃO A-A
ESC 1:25

59 N1 ø5.0 C=76

VR2
ESC 1:50

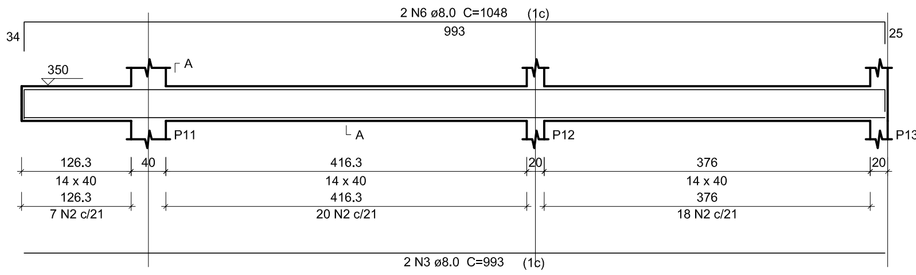


SEÇÃO A-A
ESC 1:25

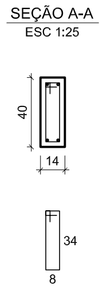


46 N1 ø5.0 C=76

VR3
ESC 1:50

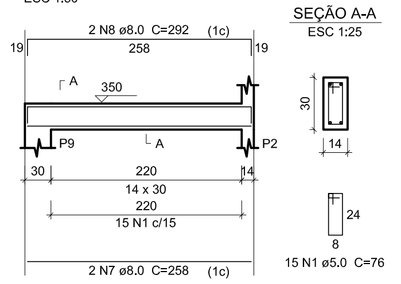


SEÇÃO A-A
ESC 1:25



45 N2 ø5.0 C=96

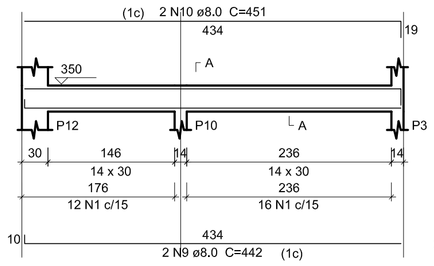
VR4
ESC 1:50



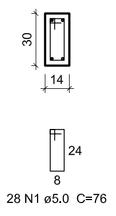
SEÇÃO A-A
ESC 1:25

15 N1 ø5.0 C=76

VR5
ESC 1:50

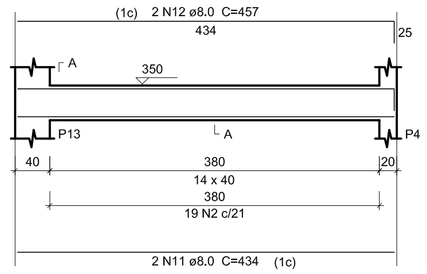


SEÇÃO A-A
ESC 1:25

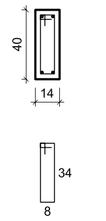


28 N1 ø5.0 C=76

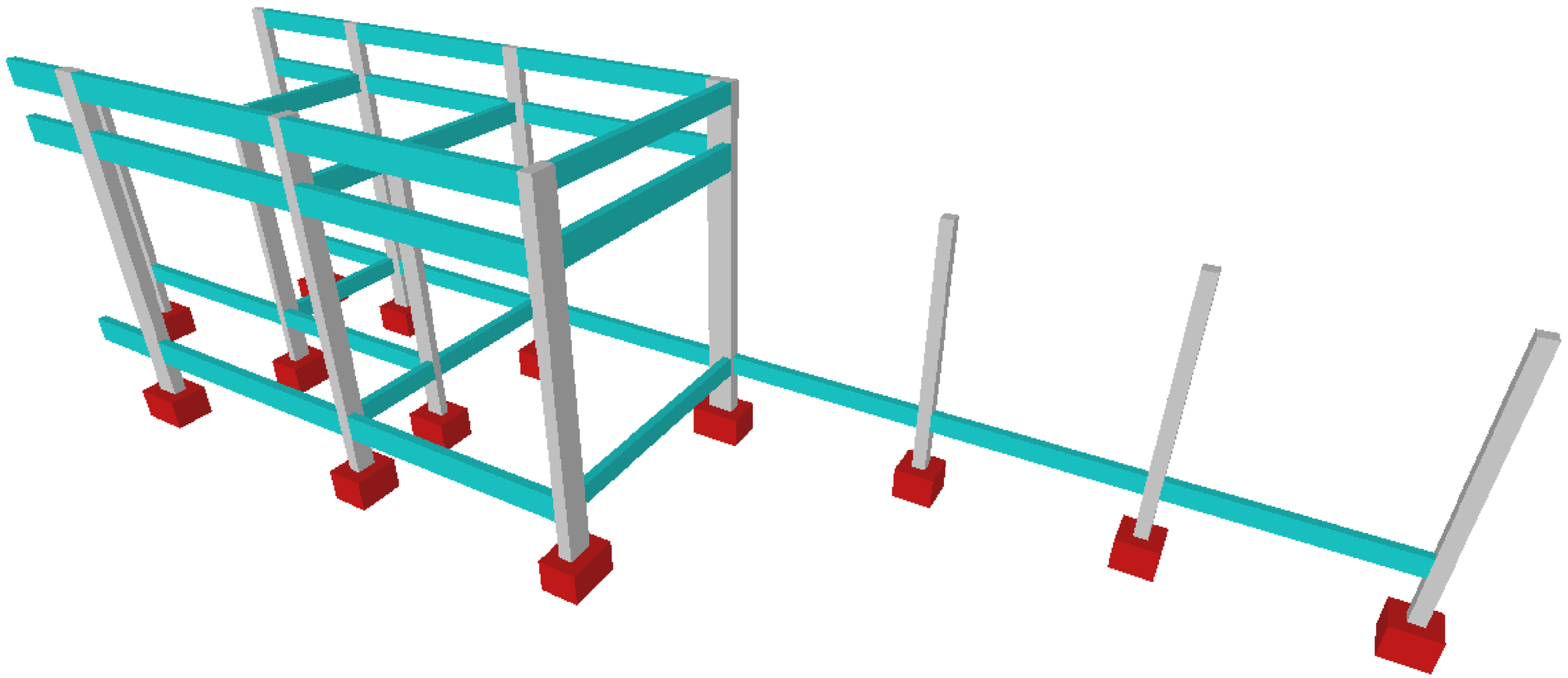
VR6
ESC 1:50



SEÇÃO A-A
ESC 1:25



19 N2 ø5.0 C=96



Relação do aço

VR1 VR2 VR3
VR4 VR5 VR6

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	148	76	11248
	2	5.0	64	96	6144
CA50	3	8.0	6	993	5958
	4	8.0	2	743	1486
	5	8.0	2	777	1554
	6	8.0	2	1048	2096
	7	8.0	2	258	516
	8	8.0	2	292	584
	9	8.0	2	442	884
	10	8.0	2	451	902
	11	8.0	2	434	868
	12	8.0	2	457	914

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	157.7	62.2
CA60	5.0	174	26.8
PESO TOTAL			
CA50	62.2		
CA60	26.8		

Vol. de concreto total (C-25) = 1.84 m³
Área de forma total = 31.66 m²

TIPO DA OBRA:
REFORMA E AMPLIAÇÃO DO HOSPITAL MUNICIPAL DE ITAÚBA

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ITAÚBA - MT
C.G.C. / C.P.F.: 03.238.961/0001-27

LOCAL: AV. TIRADENTES, ESQUINA COM A RUA FRANCISCO CARRARA, QUADRA 15 - ITAÚBA/MT

AREAS:
ÁREA TOTAL DA EDIFICAÇÃO....1.302,67m²
ÁREA DE REFORMA.....952,91m²
ÁREA DE AMPLIAÇÃO.....349,76m²
ÁREA DA URBANIZAÇÃO.....1.568,63m²

AUTOR DO PROJETO
KLEY WILLIAN AREVALO COSTA
CREA: 120.075.956-7
ASSINATURA

ESCALA: INDICADAS
DATA: FEVEREIRO / 2018

ASSUNTO:
ESTRUTURAL
(ADMINISTRAÇÃO)
PLANTA DE FORMA - RESPALDO
VIGAS RESPALDO E PORTICO 3D

FOLHA Nº
04
/14